*DRAFT*

# BISONITE PAINT COMPANY
# BROWNFIELD CLEANUP PROGRAM
## ERIE COUNTY, NEW YORK

# Final Engineering Report

**NYSDEC Site Number: C915010**

**Prepared for:**

Tonawanda Storage Properties LLC
2600 Innovation Square
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Rochester, New York 14604

**Prepared by:**

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March 13, 2025

# CERTIFICATION

I, _____, am currently a registered professional engineer licensed by the State of New York, I had primary direct responsibility for implementation of the remedial program activities, and I certify that the Remedial Action Work Plan was implemented and that all construction activities were completed in substantial conformance with the Department-approved Remedial Action Work Plan.

I certify that the data submitted to the Department with this Final Engineering Report demonstrates that the remediation requirements set forth in the Remedial Action Work Plan and in all applicable statutes and regulations have been or will be achieved in accordance with the time frames, if any, established for the remedy.

I certify that all use restrictions, Institutional Controls, Engineering Controls, and/or any operation and maintenance requirements applicable to the Site are contained in an Environmental Easement created and recorded pursuant ECL 71-3605 and that all affected local governments, as defined in ECL 71-3603, have been notified that such easement has been recorded.

I certify that a Site Management Plan has been submitted for the continual and proper operation, maintenance, and monitoring of all Engineering Controls employed at the Site, including the proper maintenance of all remaining monitoring wells, and that such plan has been approved by the Department.

I certify that all documents generated in support of this report have been submitted in accordance with the DER's electronic submission protocols and have been accepted by the Department.

I certify that all data generated in support of this report have been submitted in accordance with the Department's electronic data deliverable and have been accepted by the Department.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Steven J. Turybury, of Marsh Engineering, DPC, am certifying as Owner's Designated Site Representative for the site.

| _____ | _____ | _____ |
|---|---|---|
| NYS Professional Engineer # | Date | Signature |

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## LIST OF ACRONYMS

| | |
|---|---|
| ACM | ACM Northfield CR#3, LLC |
| BCA | Brownfield Cleanup Agreement |
| BCP | Brownfield Cleanup Program |
| CAMP | Community Air Monitoring Plan |
| COC | Contaminant of Concern |
| CSCO | Commercial Soil Cleanup Objective |
| DUSR | Data Usability Summary Report |
| EC | Engineering Control |
| GPR | Ground Penetrating Radar |
| GWSCO | Protection of Groundwater Soil Cleanup Objective |
| HASP | Health and Safety Plan |
| IC | Institutional Control |
| $mcg/m^3$ | micrograms per cubic meter |
| NAPL | Non-aqueous phase liquid |
| NYSDEC | New Yorks State Department of Environmental Conservation |
| OSHA | Occupational Safety and Health Administration |
| PCB | Polychlorinated Biphenyl |
| ppm | parts per million |
| QAPP | Quality Assurance Project Plan |
| RAOs | Remedial Action Objectives |
| Ravi | Ravi Engineering and Land Surveying, P.C. |
| RAWP | Remedial Action Work Plan |
| SES | Sessler Environmental Services |
| SMP | Site Management Plan |
| SVI | Soil Vapor Intrusion |
| SVOC | Semivolatile Organic Compound |
| TSP | Tonawanda Storage Properties LLC |
| VOC | Volatile Organic Compound |

# FINAL ENGINEERING REPORT

## 1.0 BACKGROUND AND SITE DESCRIPTION

ACM Northfield CR#3, LLC ("ACM") entered into a Brownfield Cleanup Agreement ("BCA") with the New York State Department of Environmental Conservation ("NYSDEC") as a Participant on May 29, 2019 (Site No. C915010) to investigate and remediate a 0.81-acre portion of a property under the Brownfield Cleanup Program ("BCP") that it owned in Tonawanda, New York ("Site"). The BCA was amended effective April 26, 2023 to add Tonawanda Storage Properties LLC ("TSP") to the BCA as a Volunteer following the transfer of the Site from ACM to TSP on March 3, 2023. The Site has been remediated to commercial use, and will continue to be used as storage space for multiple tenants.

The Site is located on two tax parcels of land in the County of Erie, New York and is identified on the Tonawanda tax maps as:

- tax parcel 52.12-6-16.1 with the address listed as 2268 Military Road (0.31 acre), and
- tax parcel 52.12-6-16.2 with the address listed as 2266 Military Road (0.50 acre).

A Site Location Map is included as **Figure 1**. The Site is bounded by a commercial lumber yard and building owned by 84 Lumber to the north, commercial properties to the south, Military Road to the east, and a property owned by National Grid (formerly Niagara Mohawk Power Corporation), a railroad corridor, and a Town of Tonawanda Landfill to the west (**Figure 2**). The boundaries of the Site are fully described in **Appendix A**, Survey Map, Metes and Bounds.

An electronic copy of this FER with all supporting documentation has been submitted to the NYSDEC's fts web portal.

## 2.0 SUMMARY OF SITE REMEDY

### 2.1 Remedial Action Objectives

Based on the results of the Remedial Investigation, the following Remedial Action Objectives ("RAOs") were identified for the Site, as presented in the Decision Document dated December 19, 2023.

#### 2.1.1 Groundwater

RAOs for Protection of Public Health:

- Prevent ingestion of groundwater containing contaminant levels exceeding drinking water standards.
- Prevent contact with, or inhalation of, volatiles from contaminated groundwater.

RAOs for Environmental Protection:

- Restore groundwater aquifer to pre-disposal/pre-release conditions, to the extent practicable.
- Remove the source of groundwater impacts, to the extent practicable.

#### 2.1.2 Soil

RAOs for Protection of Public Health:

- Prevent ingestion/direct contact with impacted soil.
- Prevent inhalation of, or exposure to contaminants volatilizing from contaminants in soil.

RAOs for Environmental Protection:

- Prevent migration of contaminants that would result in groundwater or surface water impacts, to the extent practicable.

#### 2.1.3 Soil Vapor

RAOs for Protection of Public Health:

- Mitigate impacts to public health resulting from existing, or the potential for, soil vapor intrusion into buildings at the Site.

### 2.2 Description of Selected Remedy

The Site was remediated in accordance with the remedy selected by the NYSDEC presented in the Decision Document.

The factors considered during the selection of the remedy are those listed in 6NYCRR 375-1.8. The following are the components of the selected remedy.

### 2.2.1 Remedial Design

A remedial design program was presented in the Remedial Action Work Plan ("RAWP") dated April 26, 2024 that provided the details necessary for the construction, maintenance, and monitoring of the remedial program. Green/sustainable remediation principles and techniques were implemented to the extent feasible in the design, implementation, and management of the remedy per DER-31.

### 2.2.2 Source Area Excavation

The Decision Document (Section 7.2) required excavation and off-Site disposal of contamination source areas in the former settling lagoon and associated trench meeting any of the below criteria:

- Grossly contaminated soil, as defined in 6 NYCRR Part 375-1.2(u);
- Non-aqueous phase liquids;
- Soil with visual waste material or non-aqueous phase liquid ("NAPL"); and
- Soil that exceed the project-specific list of analytes for the Protection of Groundwater Soil Cleanup Objectives ("GWSCOs"), as defined by 6 NYCRR Part 375-6.8 for those contaminants found in the Site groundwater above standards (Mercury, Total PCBs, Ethylbenzene, Toluene, and Total Xylenes).

Collection and laboratory analysis of confirmation samples at the lagoon excavation extents were required to verify that SCOs for the Site were achieved.

### 2.2.3 Shallow Soil Excavation

Soil in the upper 1-foot of the northern and western Site boundaries that potentially exceeded Commercial SCOs ("CSCOs") were excavated and transported off-Site for disposal.

Collection and laboratory analysis of documentation samples at the excavation extents were required to document the soil conditions remaining after excavation.

### 2.2.4 Cover Systems

Cover systems were required in excavation areas to prevent human exposure to contaminated soil remaining at the Site. A 1-foot thick cover consisting of 2-inch crusher run stone was emplaced in the shallow excavation areas along the northern and western property boundaries where the upper 1-foot of surface soil was removed. The stone cover was placed over a demarcation layer that consisted of orange polypropylene Crushed Car Containment Netting with a ¾-inch by ¾-inch hole size manufactured by USNetting. The

crusher run stone cover material met the SCOs for cover material for the use of the Site as set forth in 6 NYCRR Part 375-6.7(d).

Two- (2-)inch crusher run stone was also imported to backfill the former lagoon and associated trench. The orange demarcation layer was emplaced and a 4-inch thick asphalt cover was constructed over the backfilled excavation area of the former lagoon.

### 2.2.5 Groundwater Monitoring

A groundwater monitoring program will be implemented to document the impact of the Site remedy on the groundwater conditions over time. The groundwater monitoring program will be presented in a Site Monitoring Plan ("SMP") that will be developed for the Site (see Section 2.2.8). It is anticipated that four on-Site monitoring wells (MW-1, MW-2, and replacement wells MW-3R and MW-4R) and one off-Site monitoring well (MW-5) will be included in the sampling requirements. The wells will be sampled for volatile organic compounds ("VOCs"), polychlorinated biphenyls ("PCBs"), semi-volatile organic compounds ("SVOCs"), and metals, in addition to natural attenuation parameters. Groundwater monitoring will be required until reductions in the monitoring program are approved by the NYSDEC.

### 2.2.6 Vapor Intrusion Evaluation

Soil vapor intrusion ("SVI") sampling will be completed on a routine basis in occupied on-Site buildings as will also be described in the SMP. If required, based on the SVI sampling results, an evaluation will be completed for implementing actions to address any exposures related to SVI.

### 2.2.7 Institutional Controls

An institutional control ("IC") in the form of an Environmental Easement for the Site, which was recorded on August 27, 2024, has been imposed that:

- Allows the use and development of the controlled property for commercial or industrial use as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
- Restricts the use of groundwater as a source of potable or process water without necessary water quality treatment as determined by the NYSDOH or Erie County DOH; and
- Requires compliance with the NYSDEC approved SMP, which will require the Site owner to complete and submit a periodic certification of the ICs and engineering controls ("ECs") in accordance with Part 375-1.8 (h)(3).

### 2.2.8 Site Management Plan

Development and implementation of a SMP for long term management of remaining contamination as required by the Environmental Easement, which includes plans for: ICs and ECs, monitoring, maintenance, and reporting. The SMP will include the following:

- An IC/EC Plan that identifies all use restrictions and controls for the Site and details the steps and media-specific requirements necessary to ensure the ICs and/or ECs remain in place and effective. The plan is anticipated to include:
  - An Excavation Plan that details the provisions for management of future excavations in areas of remaining contamination;
  - Descriptions of the provisions of the Environmental Easement including any land use, and groundwater use restrictions;
  - A provision that should a building foundation or building slab be removed in the future, a cover system will be placed in any area of the removed foundation or slab where the upper one foot of exposed surface soil exceeds the applicable SCOs;
  - A provision for evaluation of the potential for soil vapor intrusion for any new occupied buildings on the Site;
  - Provisions for the management and inspection of the identified ECs;
  - Provisions for maintaining Site access and NYSDEC notification; and
  - The steps necessary for the periodic reviews and certification of the ICs and/or ECs.
- A Monitoring Plan to assess the effectiveness of the remedy. The plan will include:
  - Groundwater monitoring requirements to assess the effectiveness of the remedy;
  - A schedule for monitoring and frequency of submittals to the NYSDEC;
  - Monitoring for vapor intrusion for occupied buildings on the Site.

A draft SMP was submitted to the NYSDEC on September 26, 2024.

## 3.0 INTERIM REMEDIAL MEASURES, OPERABLE UNITS, AND REMEDIAL CONTRACTS

The remedy for this Site was performed as a single project, and no interim remedial measures, operable units, or separate construction contracts were performed.

## 4.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED

Remedial activities completed at the Site were conducted in accordance with the NYSDEC-approved RAWP for the Bisonite Paint Company Site dated April 26, 2024. Any deviations from the RAWP are noted below.

### 4.1 Governing Documents

#### 4.1.1 Site Specific Health & Safety Plan

All remedial work performed under this remedial action was in compliance with applicable governmental requirements, including Site and worker safety requirements mandated by Federal Occupational Safety and Health Administration ("OSHA") as presented in the Site Health and Safety Plan ("HASP") that was included as Appendix B of the RAWP. The HASP was complied with for all remedial and invasive work performed at the Site. A Marsh representative was responsible for conducting morning safety tailgate kick-off meetings and ensuring that all Site personnel understood and followed all the elements of the HASP and potential safety hazards.

No accidents or near misses were recorded during implementation of the Site remedy.

#### 4.1.2 Quality Assurance Project Plan

A Quality Assurance Project Plan ("QAPP") was included as Appendix D of the RAWP approved by the NYSDEC. The QAPP described the specific policies, objectives, organization, functional activities and quality assurance/quality control activities designed to achieve the project data quality objectives. The QAPP presented the sampling plan rationale, the required field and laboratory sampling parameters, the data quality objectives, procedures for the collection of environmental samples, sample analytical requirements, quality control requirements, and data review and reporting requirements.

ASP Category B deliverables were required for all soil samples collected for documentation and confirmation purposes.

#### 4.1.3 Community Air Monitoring Plan

A Community Air Monitoring Plan ("CAMP") was included as Appendix C of the RAWP. The objective of the CAMP was to confirm that work activities did not spread contamination off-Site through the air.

The CAMP required continuous, real-time monitoring for VOCs and particulates (i.e., dust) at the downwind perimeter of the designated work area when intrusive/excavation activities were being conducted. CAMP monitoring was also conducted whenever stockpiles of excavated materials were uncovered. Particulate concentrations were also monitored continuously at the upwind perimeter of the work zone at a temporary monitoring station.

The action level for the ambient air concentration of total VOCs at the downwind perimeter of the work area was 5 parts per million ("ppm") above background for a 15-minute average. As described in the CAMP, if the 15-minute average of VOCs exceeded 5 ppm; however, the total VOCs level readily decreased below 5 ppm over background, work activities could resume with continued monitoring.

Particulate monitoring was performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes for comparison to the airborne particulate action level of 100 micrograms per cubic meter ("mcg/$m^3$") greater than background (upwind perimeter) for a 15-minute period.

## 4.2 Remedial Program Elements

### 4.2.1 Site Contractors and Consultants

Presented in **Table 4-1** below is a summary of contractors and consultants who performed work at the Site, along with their associated tasks.

**Table 4-1**
**Site Contractors and Consultants**

| Consultant or Contractor's Name | Task |
|---|---|
| Marsh Engineering D.P.C. | Owner's on-Site representative, directed and documented implementation of Site remedy; served as certifying Professional Engineer. |
| Sessler Environmental Services | Provided field labor and equipment to implement the Site remedy, acquired materials import approvals, and required permits and approvals. |
| Ravi Engineering and Land Surveying, P.C. | Performed a ground penetrating radar ("GPR") survey in the areas anticipated for excavation. |
| ME Holvey Consulting, LLC | Reviewed laboratory data packages and provided Data Usability Summary Reports ("DUSRs") |
| Alpha Laboratories | Provided analytical services for environmental confirmatory and documentation samples. |
| ALS Laboratories | Provided analytical services for waste characterization samples. |
| McIntosh and McIntosh, P.C. | Provided equipment and labor to conduct a survey of the excavated area/asphalt cover area. |

### 4.2.2 Site Preparation

Presented below is a summary of the Site preparation activities performed.

Agency Approvals:

Documentation of agency approvals required by the RAWP is included in **Appendix B**. Other non-agency permits relating to the remediation project are provided in **Appendix C.**

Contractor Mobilization:

On Monday, July 15, 2024 Sessler Environmental Services ("SES") began mobilizing equipment and labor to the Site. Prior to any work being performed, a pre-construction meeting was held with SES employees to review the HASP and discuss planned Site activities. SES then began setting up sedimentation controls, filter socks/straw waddles around sewer manways. SES also set up security fencing and signage around the perimeter of the work areas and both entrances to the work area. Both of the entrances were barricaded with traffic barriers and safety fence at the end of each work day. SES began clearing vegetation along the area identified for shallow excavation (i.e., along the northern and western property boundaries). Ravi Engineering and Land Surveying, P.C. ("Ravi") was also at the Site on July 15th to perform a GPR survey prior to any intrusive work being performed.

### 4.2.3 General Site Controls

Site security included installation of a temporary orange fence around the entire excavation and work areas. Sections of the fence were moved as required to facilitate excavation and truck loading.

Record keeping of daily activities was performed by a Marsh employee. The employee recorded all pertinent Site activities including but not limited to worker arrival and departure times, activities performed, number of truckloads of materials removed/brought to the Site, confirmation and/or documentation samples collected, along with any additional pertinent activities performed.

An equipment decontamination pad was constructed using two layers of bermed polyethylene. Two layers of polyethylene were also used to construct soil staging pads, as described in the RAWP. During excavation activities, soil was segregated based on visual evidence of impacts and odors. Soil samples were collected from the stockpiles and sent to ALS Laboratories for disposal testing purposes. Soil stockpiles were covered with polyethylene or tarps when not in use.

### 4.2.4 Nuisance Controls

The parking area used for truck loading/unloading was constructed of asphalt. When required, polyethylene was laid down to prevent soil from contacting the asphalt. Egress housekeeping primarily consisted of broom sweeping when necessary. SES maintained a power broom attachment at the Site and the pavement was broom swept using the skid steer on an as need basis.

Soil stockpiles created by segregating and staging soil on-Site prior to disposal were covered when not in use and at the end of each work day. SES maintained a supply of BioSolve$^{R}$ at the Site for use as necessary for odor control.

All trucks coming to or leaving the Site followed the truck routing routes that were included in the RAWP.

No complaints of nuisances were received from either the workers at TSP or neighbors surrounding the Site.

### 4.2.5 CAMP Results

As required by the CAMP, airborne particulates (i.e., dust) were continuously monitored at an upwind location, and both particulates and VOCs were continuously monitored from a downwind location. While each instrument recorded measurements continuously, average concentrations were reported over a 15-minute period.

CAMP data was collected on work days from the day Site work started (July 18, 2024) through the end of the project (October 10, 2024). During that period, three occasions were recorded when the 15-minute average of particulates met, or exceeded the action level of 100 mcg/m$^3$. For each of these periods, the following 15-minute average dropped below the 100 mcg/m$^3$ level. A summary of the dates/times the exceedances occurred, and a summary of the activities being performed at the time of the exceedance, is presented in **Table 4-2**.

VOCs were also measured at the downwind perimeter of the work area. During the period from July 18$^{th}$ through October 10$^{th}$, three occasions were recorded when the 15-minute average of VOCs met, or exceeded the action level of 5.0 ppm. For each of these periods, the following 15-minute average dropped below the 5.0 ppm action level. A summary of the dates/times, and activities being performed at times that VOCs exceeded the 15-minute average of 5.0 ppm are presented in **Table 4-3**.

Copies of all field data sheets relating to the CAMP are provided in electronic format in **Appendix D**.

### 4.2.6 Reporting

Brief letter reports were prepared and submitted to the NYSDEC that summarized weekly work progress, air monitoring results, and estimates of materials excavated and materials removed from the Site. The weekly progress reports are included in **Appendix E**.

A photographic log providing an abridged synopsis of the Site remediation is included in **Appendix F**.

## 4.3 Contaminated Materials Removal

The Decision Document issued for the Site by the NYSDEC required excavation and off-site disposal of contaminated source materials from the former lagoon and associated trench, including grossly contaminated soil, NAPL, soil with visible waste material, and/or soil that exceeded the project-specific GWSCOs for Mercury, Total PCBs, Ethylbenzene, Toluene, or Total Xylenes. The subsurface source materials were concentrated in, and immediately adjacent to, the former settling lagoon and associated trench that was used to discharge paint related wastes to the lagoon. No exceedances of CSCOs and/or project-specific GWSCOs were previously reported in subsurface soil samples collected from outside the suspected former lagoon or associated trench areas. A figure of the pre-excavation subsurface soil locations exceeding CSCOs and/or project-specific GWSCOs is shown in **Figure 3**.

To ensure proper handling and disposal of excavated material, waste characterization sampling was required for all identified contaminated material. Waste characterization sampling was performed exclusively for the purposes of off-Site disposal in a manner suitable to receiving facilities and in conformance with applicable federal, state, and local laws, rules, and regulations and facility-specific permits.

On-site soil that did not exceed the above excavation criteria or the project-specific GWSCOs for any constituent was able to be used to backfill the excavation beneath a cover system. Clean fill (i.e., stone) meeting the requirements of 6 NYCRR Part 375-6.7(d) was brought in to complete the backfilling of the excavation and establish the design grades.

**Table 4-4** shows the total quantities of each category of material removed from the Site and the disposal locations. A summary of the samples collected to characterize the waste is presented in **Table 4-5**. The associated analytical results are included in **Appendix G.**

Acceptance letters from disposal facility owners are attached in **Appendix C**.

Due to the extensive materials removed, the Bills of Lading for the boundary soils removal, former lagoon soil removal, and the trench soil removal are maintained in the Marsh office project files and will be available upon formal request.

The following sections describe the removal activities for the contaminated media (soil, water, drums, etc.) during the remedial action.

### 4.3.1 Shallow Soil Removal

One composite soil sample was collected from along the length of the excavation by SES on June 3, 2024 and sent to ALS Environmental for pre-characterization analysis of the shallow soil for disposal purposes. The laboratory analytical report is included in **Appendix G**.

Clearing and grubbing of vegetation and excavation of the top one-foot of soil/surface material from along the northern and western property boundaries was completed by SES between July 15 – 19, 2024. Excavated material was transported by Swan Trucking to Niagara Falls Landfill located in Niagara Falls, New York for disposal under Bills of Lading. A total of 171.88 tons of material was removed and sent for disposal. Seventeen (17) documentation samples were collected from along the approximately 510 linear feet of shallow excavation by Marsh and sent to Alpha Analytical for laboratory analysis. Documentation results are presented in Section 4.4. As presented above, an orange polypropylene netting demarcation layer was placed at the bottom of the excavation prior to backfilling with 228.38 tons of 2-inch crusher run stone. The locations where the documentation samples were collected are shown on **Figure 4**.

Photographs showing an abridged synopsis of the shallow excavation activities are provided in the photologs included in **Appendix F.**

**Table 4-4** includes the total quantity of shallow soil material removed from the Site and the disposal location.

### 4.3.2 Decommissioning Monitoring Wells

Monitoring well MW-4 was located within the footprint of the former lagoon. On July 31, 2024, SES bailed MW-4 to remove approximately 1-inch of light non-aqueous phase liquid from the well. Based on discussions between SES and the NYSDEC while on-Site, and a series of subsequent email communications between Marsh and the NYSDEC (also on July 31$^{st}$), the method of decommissioning MW-4 was changed. On August 1, 2024 SES grouted MW-4 its entire length to decommission the well using a grout mixture consistent with NYSDEC's Groundwater Well Decommissioning Policy CP-43 (approximately 1 bag of Portland Cement Type 1, 3.9 pounds of bentonite, and 8 gallons of water), and on August 20, 2024, SES was able to successfully pull the entire length of well casing.

SES decommissioned MW-3 in the same manner. On September 3, 2024 the entire length of the well was grouted, and the entire length of the well was subsequently pulled. NYSDEC Well Decommissioning Records are provided in **Appendix H**.

### 4.3.3 Subsurface Materials Removal

Excavation of materials from within the former lagoon and trench areas was conducted between July 22 and October 10, 2024. During excavation of the lagoon and associated trench, in addition to soil, stone, urban fill materials, eighty-nine (89) 55-gallon drums (or portions of drums) along with several 5-gallon buckets and small drums (appeared to be approximately 30-gallon drums) containing paint waste materials were encountered. All materials removed from the excavation were segregated:

- Soil/materials that did not exhibit signs of impacts were staged on polyethylene;
- Soil/materials that exhibited obvious signs of impacts were staged on polyethylene;
- Drums and paint residuals were staged in two lined, 30 $yd^3$ roll-off containers.

Twenty-two (22) tons of saw dust from Artmeier Commodities, Blasdell, New York were imported to the Site and mixed with the liquid paint waste material within the excavation to solidify it prior to removing. When encountered within the excavation, drums, or pieces of the drums, were pulled out and allowed to drain within the excavation footprint. This was completed in concurrence with mixing of sawdust within the excavation. Once drained of liquids, the drums/pieces of drums were staged separately. Saw dust was used to absorb any remaining liquids. SES used a dedicated bucket on the skid steer when handling the paint residuals and highly impacted materials to not cross-contaminate other materials.

The general procedure was for SES to add sufficient saw dust to the liquid that existed within the excavation and mix with the excavator bucket to form a "semi-solid" mixture that could be excavated without material dripping from the bucket. Soil that existed within the excavation was occasionally included to the mixture to help it thicken/solidify. This procedure was repeated if additional residual paint liquids were encountered during additional lagoon excavation. Prior to transport for disposal, the soil that was combined with saw dust was combined with Site soil to further solidify and prepare the soil for landfill disposal profiling (disposal facilities would not accept soil with greater than 25% saw dust).

As mentioned above, photologs showing an abridged synopsis of the subsurface materials excavation activities are provided in the photologs included in **Appendix F.**

**Figure 5** includes the approximate horizontal extent of the lagoon and associated trench excavation activities at the Site**. Figure 5** also provides the approximate locations of the confirmation samples collected from the sidewalls and base of the lagoon and associated trench excavation along with the approximate locations of the documentation samples and approximate extent of new asphalt. Note that the files containing the GPS locations of the confirmatory samples that were collected for laboratory analyses were corrupted. The files

were sent to surveyors and the instrument rental company to attempt to recover the corrupted information; however, neither were successful.

#### 4.3.4 Water Removal

Due to the occurrence of extensive rain during the excavation activities (between August 3 to 9, 2024), a significant quantity of rain water and runoff from the parking area accumulated within the excavation. Excavation activities were suspended until the water could be pumped from the excavation. On August 5th a 22,000 gallon Frac tank arrived at the Site. SES began pumping water from the lagoon excavation into the Frac tank on August 9, 2024. A sample of the pumped water was collected by SES and sent to ALS Environmental for laboratory analysis. The laboratory report is included in **Appendix G**. SES obtained a Town of Tonawanda Industrial Sewer Connection Permit dated August 13, 2024. A copy of the permit is included in **Appendix C**. On August 20, 2024 a representative from the Town of Tonawanda was on Site to observe the collected water, and on August 24th SES began discharging water to the sewer. Approximately 6,300 gallons of water from the Frac tank was discharged on August 24, 2024 with no treatment required.

#### 4.3.5 On-Site Reuse

The only material that was reused at the Site was approximately 20 cubic yards of crushed stone that was underlying the original asphalt. The stone was segregated and staged during the excavation activities. The stone was emplaced in an approximately 2-inch thick layer over the former lagoon backfill, and decreased to 1-inch thick as SES moved east toward the main building. The re-used crushed stone was used as base material for the new asphalt.

### 4.4 Remedial Documentation and Confirmatory Sampling

**Table 4-6** presents a summary of the shallow soil excavation end-point (i.e., documentation) sampling compared to the Contaminants of Concern ("COCs") for the Site as defined in Section 6.1.2 of the Decision Document. Exceedances of CSCOs and project-specific GWSCOs for COCs are highlighted in the table. The documentation sampling locations, along with a synopsis of the results, are shown on **Figure 5**. A table presenting the full list of analytes reported by the laboratory for the documentation samples is included in **Appendix I**.

**Table 4-7** presents a summary of the end-point confirmation samples collected from the former lagoon and associated trench compared to the COCs for the Site as defined in Section 6.1.2 of the Decision Document. Exceedances of CSCOs and project-specific GWSCOs for COCs are highlighted in the table. The approximate locations of the confirmation end-point samples, along with a synopsis of the results, are also shown on

**Figure 5**. As stated above, the files containing the GPS locations of the confirmatory samples were corrupted, and could not be recovered. A table presenting the full list of analytes reported by the laboratory for the confirmation samples is also included in **Appendix I**.

DUSRs were prepared for all documentation and confirmation data generated during this remedial program by ME Holvey Consulting, LLC, an independent third-party, women owned business enterprise. The DUSRs are included in **Appendix J**, and associated laboratory data reports are provided in **Appendix K**. In summary, sample preservation, handling, and processing was conducted with compliance to protocol requirements and with adherence to quality criteria and the reported results are considered "usable".

## 4.5 Imported Backfill

A table of all sources of imported backfill with quantities for each source is shown below in **Table 4-8.** The Request to Import Form, CME Associates, Inc.'s Lab Report Summary, and the NYSDEC's July 18, 2024 approval letter for backfill that was imported to the Site are provided in **Appendix L.**

**Table 4-8**
**Backfill Quantities and Sources**

| Location Used | Type Material | Quantity (tons) | Dates Imported | Source |
|---|---|---|---|---|
| Boundary Fill | Stone, 2-inch Crusher Run | 227.96 | 7/18 – 7/19 | New Enterprise Stone & Lime Co., Inc., Buffalo, NY |
| Lagoon Fill | Stone, 2-inch Crusher Run | 1,944.1 | 8/26 – 9/11 | New Enterprise Stone & Lime Co., Inc., Buffalo, NY |
| Trench Fill | Stone, 2-inch Crusher Run | 274.35 | 10/9 – 10/10 | New Enterprise Stone & Lime Co., Inc., Buffalo, NY |

## 4.6 Contamination Above SCOs Remaining at the Site

**Figure 5** also presents the results from all existing soil samples remaining at the Site after completion of the Remedial Action where the COCs exceed the CSCOs and/or project-specific GWSCOs.

Since contaminated soil and groundwater remain beneath the Site after completion of the Remedial Action, ICs and ECs are required to protect human health and the environment. These ICs and ECs are described in the following sections. Long-term management of

these EC/ICs and residual contamination will be performed under a SMP approved by the NYSDEC.

## 4.7 Cover Systems

Exposure to remaining contamination in soil at the Site is prevented by a crusher run stone or an asphalt cover system. Cover systems were required in excavation areas to prevent human exposure to contaminated soil remaining at the Site. As described in Section 2.2.4, a 1-foot thick cover consisting of 2-inch crusher run stone was emplaced in the shallow excavation areas along the northern and western property boundaries where the upper 1-foot of exposed surface soil was removed. The stone cover was placed over a demarcation layer that consisted of orange polypropylene Crushed Car Containment Netting with a ¾-inch by ¾-inch hole size manufactured by USNetting. A 4-inch thick asphalt cover was constructed over the backfilled excavation areas of the former lagoon and associated trench areas.

**Figure 6** shows the as-built cross sections/restoration details for each remedial cover type used on the site. **Figure 7** shows the surveyed locations of each cover type installed at the Site. An Excavation Work Plan, which outlines the procedures required in the event the cover system and/or underlying residual contamination are disturbed, is provided in the SMP.

## 4.8 Other Engineering Controls

The remedy for the Site did not require the construction of any additional engineering control systems in addition to the cover systems described above.

## 4.9 Institutional Controls

The Site remedy requires that an environmental easement in the form of a deed restriction be placed on the property to:

- Require the Site owner(s) to complete and submit to the NYSDEC a periodic certification of ICs and ECs in accordance with Part 375-1.8 (h)(3);
- Allow the use and development of the controlled property for commercial use as defined in 6 NYCRR Part 371-1.8(g)(2)(iii) or industrial use as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
- Restrict the use of groundwater as a source of potable or process water without necessary water quality treatment as determined by the NYSDOH or Erie County DOH; and
- Require compliance with the NYSDEC-approved SMP.

In addition, the IC requires the owners to: (1) implement, maintain and monitor the Engineering Controls; (2) prevent future exposure to remaining contamination by controlling disturbances of the subsurface contamination; and, (3) limit the use and development of the Site to commercial use as defined in 6 NYCRR Part 371-1.8(g)(2)(iii) or industrial use as defined by Part 375-1.8(g).

The Environmental Easement for the Site was executed by the NYSDEC on May 31, 2024, and filed with the Erie County Clerk on August 26, 2024. A copy of the easement and proof of filing is provided in Appendix A of the Site Management Plan.

### 4.10 Deviations From the RAWP

The following deviations from the NYSDEC-approved RAWP were implemented during the Site remediation:

1. Twelve (12)-inches of Type 2 crushed stone was used as backfill in the shallow trench rather than 6-inches of gravel fill covered by 6-inches of Type 2 crushed stone. The NYSDEC approved this modification in an email dated July 11, 2024 (Keller to Ahrens).
2. Twenty-two (22) tons of saw dust was brought to the Site to help solidify soil within the lagoon after heavy rains. Importation of saw dust was not included in the RAWP. The NYSDEC approved the import of this material prior to it being delivered.

# APPENDICES

## TABLES

Table 4-2
CAMP Monitoring – Particulate Exceedances

| Date and Time of Exceedance | 15-Minute Average ($mcg/m^3$) | Activity Being Performed |
|---|---|---|
| August 19 @ 8:45:31 | 104 | SES was relocating the sawdust pile from northern end of the Site; field notes indicated moving the sawdust was "generating sawdust (airborne) briefly". |
| August 22 @ 14:06:34 | 107 | SES was cleaning the Frac tank (reading possibly due to moisture). This was the last CAMP monitoring period of the day prior to shutdown of activities . |
| August 27 @ 13:16:40 | 111 | Field notes indicated "SES was dusting/sweeping the Site – some airborne dust but settled quickly". The following 15-minute average reading was <100 $mcg/m^3$. No further work was performed that day. |

Note: The CAMP action level for particulates is 100 $mcg/m^3$

Table 4-3
CAMP Monitoring – VOC Exceedances

| Date and Time of Exceedance | 15-Minute Average (ppm) | Activity Being Performed |
|---|---|---|
| August 27 @ 13:16 – 14:06 | 4,866 – 14,983 | Several entries in the field notes indicate:<br>- "Errors with downwind PID"<br>- "SES was dusting/sweeping the Site – some airborne dust but settled quickly"<br>Field notes indicated that the dusting/sweeping was performed at the end of the day. It is believed that dust interfered with the PID as all previous VOC reading that day were 0 ppm. No further work was performed that day after the high reading was received. |
| October 9 @ 9:22 | 9.2 | Trucks were being loaded for transport of non-hazardous soil to the disposal facility. Field notes indicate that personnel noticed that the loader was left idling with its exhaust facing and immediately adjacent to the CAMP station, and that the downwind CAMP station was subsequently relocated; subsequent readings decreased after the station was moved away from the exhaust. |
| October 10 @ 10:48 – 11:18 | 9.7 – 13.7 | SES was dumping clean stone in the parking lot and trench and spreading the stone in the excavation to bring excavation to grade for asphalt. At 10:50am a truck was live-loaded with trench soil for disposal. An alarm did not sound on the PID. |

Note: The CAMP action level for VOCs is 5 mg/kg

**Table 4-4**
**Waste Volumes and Disposal Facilities**

| Material Removed from the Site | Quantity | Disposal Location |
|---|---|---|
| Shallow Boundary Soil | 171.88 tons | Allied Waste Niagara Falls Landfill, 5600 Niagara Falls Blvd., Niagara Falls, New York |
| Subsurface Lagoon Soil | 2,300.79 tons | Allied Waste Niagara Falls Landfill, 5600 Niagara Falls Blvd., Niagara Falls, New York |
| Subsurface Trench Soil | 183.03 tons | Allied Waste Niagara Falls Landfill, 5600 Niagara Falls Blvd., Niagara Falls, New York |
| Drums and Contents, Metal Waste | 26.35 tons | Allied Waste Niagara Falls Landfill, 5600 Niagara Falls Blvd., Niagara Falls, New York |
| Water | 6,300 gallons | Town of Tonawanda Sewer System |

Table 4-5
Waste Characterization Samples

| Sample ID | Date Collected | Matrix | Analytical Laboratory | Analyses Performed |
|---|---|---|---|---|
| Lagoon Comp 1 | 11/1/23 | Soil | ALS Environmental<br><br>Lab Reports: R2310210 & R2310212) | TCLP SVOCs by 8270D<br>TCL VOCs +CP51 by 8260C<br>TCLP Pesticides by 8081B<br>TCLP Herbicides by 8152A<br>PCBs by 8082A<br>TCLP RCRA 8 Metals by 6010C & 7471B<br>Total Cyanide by 9012B<br>Total Solids by ALS SOP<br>pH by 9045D |
| Boundary Soil | 6/23/24 | Soil | ALS Environmental<br>Lab Report: R2404735 | TCLP Metals by 6010C & 7470A<br>TCLP SVOCs by 8270D<br>TCLP VOCs by 8260C |
| LAGOON-SW-W-07 | 7/26/24 | Solid | Alpha Analytical<br><br>Lab Report: L2442339 | TCLP VOCs by 1311/8260D<br>TCLP SVOCs by 1311/8270E<br>Pesticides by 8081B<br>Herbicides by 8151A<br>PCBs by 8082A<br>Total Metals by 6010D & 7471B<br>Ignitability by Method 1030<br>Total Cyanide by 9010C/9012B<br>Total Solids by Method 2540G<br>pH by 9045D |
| Cement Pipe – West Wall | 7/26/24 | Solid | Alpha Analytical<br>Lab Report: L2442339 | TCLP VOCs by 1311/8260D<br>TCLP SVOCs by 1311/8270E<br>PCBs by 8082A<br>Total Solids by 2540G |
| LAGOON LIQUID-01 | 7/26/24 | Oil | Alpha Analytical<br><br>Lab Report: L2442339 | VOCs by 8260D<br>TCLP SVOCs by 1311/8270E<br>PCBs by 8082A<br>Total Cyanide by 9012B<br>Flashpoint by 1010A<br>pH by 9045D |
| Drum Soil + Paint 1 | 7/29/24 | Soil | ALS Environmental<br><br>Lab Report: 2407010 | TCLP VOCs by 8260D<br>TCLP SVOCs by 8270E<br>TCLP Pesticides by 8081B<br>PCBs by 8082A<br>TCLP Herbicides by 8151A<br>TCLP RCRA 8 Metals by 6010D + 7440A<br>Total Solids by ALS SOP |

| Sample ID | Date Collected | Matrix | Analytical Laboratory | Analyses Performed |
|---|---|---|---|---|
| Drum Soil + Paint 2 | 7/29/24 | Soil | ALS Environmental<br><br>Lab Report: 2407012 | VOCs by 8260D<br>SVOCs by 8270E<br>Pesticides by 8081B<br>PCBs by 8082A<br>Herbicides by 8151A<br>Total Metals by 6010A + 7471B<br>Ignitability by 1030<br>Corrosivity/Reactivity by 9012B/9034<br>Total Solids by ALS SOP<br>pH by 9045D |
| Lagoon Soils #2 | 7/30/2024 | Soil | ALS Environmental<br><br>Lab Report: R2407014 | TCLP VOCs by 8260D<br>TCLP SVOCs by 8270E<br>TCLP Pesticides by 8081B<br>PCBs by 8082A<br>TCLP Herbicides by 8151A<br>TCLP 8 RCRA Metals by 6010D +7470A<br>Cyanide, Reactive as Total by 9012B<br>Sulfide, Reactive as Total by 9034<br>Ignitability by 1030<br>pH by 9045D<br>Total Solids by ALS SOP |
| Paint | 7/31/24 | Paint | ALS Environmental Lab Report: R2407026 | TCLP VOCs by 8260D<br>TCLP SVOCs by 8270E<br>TCLP 8 RCRA Metals by 6010D +7470A |
| Lagoon Liquids | 8/9/24 | Water | ALS Environmental Lab Report: R2407514 | VOCs by 624.1<br>PCBs by 608.3<br>Metals by 200.8 & 245.1 |

# Table 4-6
## Documentation Sample COCs Compared to SCOs

| SAMPLE ID: | Part 375 Commercial Use SCOs (mg/Kg) | Part 375 Groundwater SCOs (mg/Kg) | TRENCH-01 (1) | | TRENCH-02 (1) | | TRENCH-03 (1) | | TRENCH-04 (1) | | TRENCH-05 (1) | | TRENCH-06 (1) | | TRENCH-07 (1) | | TRENCH-08 (1) | | TRENCH-09 (1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LAB ID: | | | L2441487-02 | | L2441487-03 | | L2441487-04 | | L2441487-05 | | L2441487-06 | | L2441487-07 | | L2441487-08 | | L2441487-09 | | L2441487-10 | |
| COLLECTION DATE: | | | 7/18/2024 | | 7/18/2024 | | 7/18/2024 | | 7/18/2024 | | 7/18/2024 | | 7/18/2024 | | 7/18/2024 | | 7/18/2024 | | 7/18/2024 | |
| SAMPLE DEPTH (feet bgs): | | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| ANALYTE | | | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q |
| **VOLATILE ORGANICS BY GC/MS** | | | | | | | | | | | | | | | | | | | | |
| 2-Butanone | - | *0.1* | <0.0027 | U | <0.0026 | U | <0.0031 | U | <0.0028 | U | <0.003 | U | <0.0027 | U | <0.0036 | U | <0.0028 | U | <0.0022 | U |
| Acetone | 500 | *0.03* | <0.0058 | U | <0.0056 | U | <0.0068 | U | <0.0061 | U | <0.0064 | U | <0.0058 | U | <0.0078 | U | <0.0061 | U | <0.0047 | U |
| Benzene | 44 | *0.06* | <0.0002 | U | <0.0002 | U | <0.00024 | U | <0.00021 | U | <0.00022 | U | <0.0002 | U | <0.00027 | U | <0.00021 | U | <0.00016 | U |
| Chloroform | 350 | *0.37* | <0.00017 | U | <0.00016 | U | <0.0002 | U | <0.00018 | U | <0.00019 | U | <0.00017 | U | <0.00023 | U | <0.00018 | U | <0.00014 | U |
| Dibromochloromethane | - | - | <0.00017 | U | <0.00016 | U | <0.0002 | U | <0.00018 | U | <0.00019 | U | <0.00017 | U | <0.00023 | U | <0.00018 | U | <0.00014 | U |
| Ethylbenzene* | 390 | 1 | <0.00017 | U | <0.00016 | U | <0.0002 | U | <0.00018 | U | <0.00019 | U | <0.00017 | U | <0.00023 | U | <0.00018 | U | <0.00014 | U |
| o-Xylene* | 500 | 1.2 | <0.00035 | U | <0.00034 | U | <0.00041 | U | <0.00037 | U | <0.00039 | U | <0.00035 | U | <0.00047 | U | <0.00037 | U | <0.00029 | U |
| p/m-Xylene* | 500 | 1.2 | <0.00068 | U | <0.00066 | U | <0.00079 | U | <0.00071 | U | <0.00074 | U | <0.00067 | U | <0.00091 | U | <0.00071 | U | <0.00055 | U |
| Toluene* | 500 | 0.7 | <0.00066 | U | <0.00064 | U | <0.00077 | U | <0.00069 | U | <0.00072 | U | <0.00065 | U | <0.00088 | U | <0.00069 | U | <0.00054 | U |
| Trichloroethene | 200 | *0.47* | <0.00016 | U | <0.00016 | U | <0.00019 | U | <0.00017 | U | <0.00018 | U | <0.00016 | U | <0.00022 | U | <0.00017 | U | <0.00014 | U |
| **SEMIVOLATILE ORGANICS BY GC/MS** | | | | | | | | | | | | | | | | | | | | |
| Benzo(a)anthracene | 5.6 | 1 | 0.14 | | 0.54 | | 0.086 | J | 0.028 | J | 0.025 | J | 0.06 | J | 0.1 | J | 1 | | 0.97 | |
| Benzo(a)pyrene | 1 | 22 | 0.16 | | 0.65 | | 0.074 | J | <0.047 | U | <0.048 | U | 0.069 | J | 0.12 | J | 1 | | 1 | |
| Benzo(b)fluoranthene | 5.6 | 2.1 | 0.25 | | 0.98 | | 0.11 | J | 0.045 | J | 0.04 | J | 0.1 | J | 0.17 | | 1.4 | | 1.4 | |
| Chrysene | 56 | 1 | 0.17 | | 0.69 | | 0.094 | J | 0.034 | J | 0.03 | J | 0.083 | J | 0.14 | | 1.1 | | 1.1 | |
| Dibenzo(a,h)anthracene | 0.56 | 1,000 | 0.031 | J | 0.13 | | <0.023 | U | <0.022 | U | <0.022 | U | <0.024 | U | 0.024 | J | 0.17 | | 0.19 | |
| Indeno(1,2,3-cd)pyrene | 5.6 | 6.6 | 0.11 | J | 0.46 | | 0.045 | J | <0.027 | U | <0.027 | U | 0.045 | J | 0.08 | J | 0.57 | | 0.65 | |
| **POLYCHLORINATED BIPHENYLS BY GC** | | | | | | | | | | | | | | | | | | | | |
| PCBs, Total* | 1.0 | 3.2 | 0.0463 | J | 0.0128 | J | <0.00521 | U | <0.00526 | U | 0.92 | | 0.00948 | J | <0.00522 | U | 0.565 | | 0.362 | |
| **TOTAL METALS** | | | | | | | | | | | | | | | | | | | | |
| Chromium, Total** | 1,500 | 19 | 18.5 | | 15.5 | | 10.1 | | 17.4 | | 12.4 | | 19.6 | | 20.4 | | 17.5 | | 16.6 | |
| Lead, Total | 1,000 | 450 | 34.7 | | 28.8 | | 10.2 | | 15.7 | | 10.9 | | 9.97 | | 9.68 | | 124 | | 241 | |
| Mercury, Total* | 2.8 | 0.73 | 0.151 | | 0.089 | | <0.051 | U | <0.053 | U | <0.055 | U | 0.076 | J | <0.055 | U | 0.147 | | 0.838 | |

**NOTES:**

Yellow shading - value exceeds Protection of Groundwater SCO (PSGW SCO)

**BOLD** value - reported value exceeds Commercial Soil Cleanup Objective (CSCO)

E - indicates that the diluted value is included in the table

* indicates a PSGW SCO (toluene, ethylbenzene, total xylenes, total PCBs, & mercury)

** A GWSCO for Total Cr does not exist; value represents SCO for hexavalent Chromium

# Table 4-6
## Documentation Sample COCs Compared to SCOs

| SAMPLE ID: | Part 375 Commercial Use SCOs (mg/Kg) | Part 375 Groundwater SCOs (mg/Kg) | TRENCH-10 (1) | | TRENCH-11 (0.5) | | TRENCH-12 (1) | | TRENCH-13 (1) | | TRENCH-14 (1) | | TRENCH-15 (1) | | TRENCH-16 (1) | | TRENCH-17 (1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LAB ID: | | | L2441487-11 | | L2441487-12 | | L2441487-13 | | L2441487-14 | | L2441487-15 | | L2441487-16 | | L2441487-17 | | L2441487-18 | |
| COLLECTION DATE: | | | 7/18/2024 | | 7/19/2024 | | 7/19/2024 | | 7/19/2024 | | 7/19/2024 | | 7/19/2024 | | 7/19/2024 | | 7/19/2024 | |
| SAMPLE DEPTH (feet bgs): | | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| ANALYTE | | | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q |
| **VOLATILE ORGANICS BY GC/MS** | | | | | | | | | | | | | | | | | | |
| 2-Butanone | - | *0.1* | <0.0026 | U | <0.0027 | U | <0.002 | U | <0.0028 | U | <0.0039 | U | <0.0024 | U | <0.0031 | U | <0.0024 | U |
| Acetone | 500 | *0.03* | <0.0057 | U | <0.006 | U | <0.0042 | U | <0.006 | U | <0.0084 | U | <0.0053 | U | <0.0068 | U | <0.0052 | U |
| Benzene | 44 | *0.06* | <0.0002 | U | <0.0002 | U | <0.00015 | U | <0.00021 | U | <0.00029 | U | <0.00018 | U | <0.00023 | U | <0.00018 | U |
| Chloroform | 350 | *0.37* | <0.00016 | U | <0.00017 | U | <0.00012 | U | <0.00017 | U | <0.00024 | U | <0.00015 | U | <0.0002 | U | <0.00015 | U |
| Dibromochloromethane | - | - | <0.00016 | U | <0.00017 | U | <0.00012 | U | <0.00017 | U | <0.00024 | U | <0.00015 | U | <0.0002 | U | <0.00015 | U |
| Ethylbenzene* | 390 | 1 | <0.00016 | U | <0.00017 | U | <0.00012 | U | <0.00018 | U | <0.00025 | U | <0.00015 | U | <0.0002 | U | <0.00015 | U |
| o-Xylene* | 500 | 1.2 | <0.00034 | U | <0.00036 | U | <0.00026 | U | <0.00036 | U | <0.00051 | U | <0.00032 | U | <0.00041 | U | <0.00031 | U |
| p/m-Xylene* | 500 | 1.2 | <0.00066 | U | <0.00069 | U | <0.00049 | U | <0.0007 | U | <0.00098 | U | <0.00061 | U | <0.00079 | U | <0.0006 | U |
| Toluene* | 500 | 0.7 | <0.00064 | U | <0.00067 | U | <0.00048 | U | <0.00068 | U | <0.00095 | U | <0.0006 | U | <0.00076 | U | <0.00059 | U |
| Trichloroethene | 200 | *0.47* | <0.00016 | U | <0.00017 | U | <0.00012 | U | <0.00017 | U | <0.00024 | U | <0.00015 | U | <0.00019 | U | <0.00015 | U |
| **SEMIVOLATILE ORGANICS BY GC/MS** | | | | | | | | | | | | | | | | | | |
| Benzo(a)anthracene | 5.6 | 1 | 1.2 | | 1.3 | | 2.5 | | 4.4 | | 11 | | 1.9 | | 3.3 | | 4.3 | |
| Benzo(a)pyrene | 1 | 22 | **1.1** | | **1.6** | | **2.5** | | **4.8** | | **11** | | **2.4** | | **3.8** | | **4.7** | |
| Benzo(b)fluoranthene | 5.6 | 2.1 | 1.4 | | 2.7 | | 3.6 | | **7.5** | | **17** | | 3.8 | | **6.6** | | **8.4** | E |
| Chrysene | 56 | 1 | 1.1 | | 2 | | 2.7 | | 5.8 | | 13 | | 3 | | 4.5 | | 5.1 | |
| Dibenzo(a,h)anthracene | 0.56 | 1,000 | 0.15 | | 0.26 | | 0.38 | | **0.8** | | **2** | | 0.4 | | **0.73** | | **0.92** | |
| Indeno(1,2,3-cd)pyrene | 5.6 | 6.6 | 0.62 | | 1.3 | | 1.8 | | 3.7 | | **8.5** | | 1.9 | | 3.4 | | 4.1 | |
| **POLYCHLORINATED BIPHENYLS BY GC** | | | | | | | | | | | | | | | | | | |
| PCBs, Total* | 1.0 | 3.2 | 0.654 | | 0.0928 | J | <0.00468 | U | 0.219 | J | 0.0667 | J | 0.144 | J | 0.724 | | 0.578 | |
| **TOTAL METALS** | | | | | | | | | | | | | | | | | | |
| Chromium, Total** | 1,500 | 19 | 75.6 | | 40.7 | | 4 | | 5.18 | | 18 | | 19.3 | | 20.8 | | 23.9 | |
| Lead, Total | 1,000 | 450 | 466 | | 266 | | 18.7 | | 28.5 | | 133 | | 193 | | 269 | | 316 | |
| Mercury, Total* | 2.8 | 0.73 | 1.36 | | 0.437 | | 0.055 | J | 0.07 | J | 0.683 | | 0.354 | | 0.644 | | 1.46 | |

**NOTES:**

Yellow shading - value exceeds Protection of Groundwater SCO (PSGW SCO)

**BOLD** value - reported value exceeds Commercial Soil Cleanup Objective (CSCO)

E - indicates that the diluted value is included in the table

* indicates a PSGW SCO (toluene, ethylbenzene, total xylenes, total PCBs, & mercury)

** A GWSCO for Total Cr does not exist; value represents SCO for hexavalent Chromium

# Table 4-7
## Conformation Sample COCs Compared to SCOs

| SAMPLE ID: | Part 375 Commercial Use SCOs (mg/Kg) | Part 375 Groundwater SCOs (mg/Kg) | LAGOON-SW-01-08 | | BASE-01-09 | | BASE-01-09 | | BASE-02-09 | | DUPE-LAGOON | | DUPE-LAGOON | | LAGOON-SW-N7 | | LAGOON-SW-N-7 | | BASE-03-07 | | LAGOON-SW-N2-08 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LAB ID: | | | L2441487 | | L2447311-01 | | L2447597-03 | | L2447311-02 | | L2447323-02 | | L2447597-02 | | L2447323-01 | | L2447597-01 | | L2448023-04 | | L2448023-02 | |
| COLLECTION DATE: | | | 7/22/2024 | | 8/19/2024 | | 8/21/2024 | | 8/19/2024 | | 8/20/2024 | | 8/21/2024 | | 8/20/2024 | | 8/21/2024 | | 8/22/2024 | | 8/22/2024 | |
| SAMPLE DEPTH (feet bgs): | | | 8' | | 9' | | 9' | | 9' | | 9' | | 9' | | 7' | | 7' | | 7' | | 8' | |
| SAMPLE MATRIX: | | | SOIL | | SOIL | | SOIL- Resample | | SOIL | | SOIL | | SOIL- Resample | | SOIL | | SOIL- Resample | | SOIL | | SOIL | |
| ANALYTE | | | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q |
| **VOLATILE ORGANICS BY GC/MS** | | | | | | | | | | | | | | | | | | | | | | |
| 2-Butanone | 500 | 0.12 | 0.0076 | J | 0.012 | | <0.007 | U | 0.0053 | J | - | | 0.0077 | J | - | | 0.014 | | 0.0061 | J | <0.46 | U |
| Acetone | 500 | 0.05 | 0.044 | | 0.013 | | 0.0094 | | 0.12 | | - | | 0.037 | | - | | 0.044 | | 0.055 | | <0.46 | U |
| Benzene | 44 | 0.06 | <0.00022 | U | <0.00015 | U | <0.00035 | U | <0.00016 | U | - | | <0.00057 | U | - | | <0.00055 | U | 0.0016 | | 0.018 | J |
| Ethylbenzene[1] | 390 | 1 | <0.00018 | U | 0.00075 | J | <0.0007 | U | <0.00014 | U | - | | <0.0011 | U | - | | 0.00032 | J | 0.00081 | J | 0.41 | |
| o-Xylene[1] | 500^ | 1.6* | <0.00038 | U | 0.00081 | J | <0.0007 | U | <0.00029 | U | - | | 0.00044 | J | - | | 0.00071 | J | 0.00071 | J | 0.38 | |
| p/m-Xylene[1] | 500* | 1.6* | 0.0011 | J | 0.006 | | <0.0014 | U | <0.00055 | U | - | | 0.00069 | J | - | | 0.0013 | J | 0.017 | | 5.8 | |
| Toluene[1] | 500 | 0.7 | <0.0007 | U | <0.0005 | U | <0.0007 | U | <0.00054 | U | - | | <0.0011 | U | - | | <0.0011 | U | <0.0011 | U | 0.24 | |
| Trichloroethene | 200 | 0.47 | <0.00018 | U | <0.00012 | U | <0.00035 | U | <0.00014 | U | - | | <0.00057 | U | - | | <0.00055 | U | <0.00053 | U | <0.023 | U |
| **SEMIVOLATILE ORGANICS BY GC/MS** | | | | | | | | | | | | | | | | | | | | | | |
| Benzo(a)anthracene | 5.6 | 1 | <0.022 | U | <0.022 | U | - | | <0.02 | U | <0.021 | U | - | | <0.02 | U | - | | <0.11 | U | <1.1 | U |
| Benzo(a)pyrene | 1 | 22 | <0.047 | U | <0.048 | U | - | | <0.044 | U | <0.046 | U | - | | <0.044 | U | - | | <0.15 | U | <1.5 | U |
| Benzo(b)fluoranthene | 5.6 | 1.7 | <0.032 | U | <0.033 | U | - | | <0.03 | U | <0.031 | U | - | | <0.031 | U | - | | <0.11 | U | <1.1 | U |
| Chrysene | 56 | 1 | <0.02 | U | <0.02 | U | - | | <0.019 | U | <0.019 | U | - | | <0.019 | U | - | | <0.11 | U | <1.1 | U |
| Dibenzo(a,h)anthracene | 0.56 | 1000 | <0.022 | U | <0.023 | U | - | | <0.021 | U | <0.022 | U | - | | <0.021 | U | - | | <0.11 | U | <1.1 | U |
| Indeno(1,2,3-cd)pyrene | 5.6 | 8.2 | <0.027 | U | <0.027 | U | - | | <0.025 | U | <0.026 | U | - | | <0.025 | U | - | | <0.15 | U | <1.5 | U |
| **POLYCHLORINATED BIPHENYLS BY GC** | | | | | | | | | | | | | | | | | | | | | | |
| PCBs, Total[1] | 1 | 3.2 | **2.54** | | <0.00495 | U | - | | <0.00485 | U | <0.00497 | U | - | | <0.00482 | U | - | | <0.0566 | U | 0.144 | |
| **TOTAL METALS** | | | | | | | | | | | | | | | | | | | | | | |
| Chromium, Total | 1,500*** | 19** | 51.8 | | 11.7 | | - | | 12.1 | | 12.6 | | - | | 14 | | - | | 12.6 | | 12.9 | |
| Lead, Total | 1000 | 450 | 810 | | 9.21 | | - | | 8.54 | | 9.21 | | - | | 18.8 | | - | | 9.42 | | 29.5 | |
| Mercury, Total[1] | 2.8 | 0.73 | **3.56** | | <0.049 | U | - | | <0.046 | U | <0.046 | U | - | | <0.046 | U | - | | <0.072 | U | 0.778 | |

**NOTES:**

Yellow shading - value exceeds Protection of Groundwater SCO (PSGW SCO)

**BOLD** value - reported value exceeds Commercial Soil Cleanup Objective (CSCO)

[1] indicates a PSGW SCO (toluene, ethylbenzene, total xylenes, total PCBs, & mercury)

E - Indicates concentration of analyte exceeded the range of the calibration curve and/or linear range of the instrument.

J - The reported value is estimated; analyte detected above the MDL but below the RL

U - the reported value was not detected at or above the laboratory's MDL

* Indicates SCO for Total (mixed) xylene; no SCOs exist for individual isomers

** A GWSCO for Total Cr does not exist; value represents SCO for hexavalent Cr

*** A CSCO for Cr does not exist; value represents SCO for trivalent Cr

# Table 4-7
## Conformation Sample COCs Compared to SCOs

| SAMPLE ID: | Part 375 Commercial Use SCOs (mg/Kg) | Part 375 Groundwater SCOs (mg/Kg) | LAGOON-SW-NE-7 | | LAGOON-SW-S2-6.5 | | BASE-04-09 | | LAGOON-SW-N3-8.5 | | LAGOON-SW-N4-8.5 | | LAGOON-SW-S3-08 | | LAGOON-SW-S4-08 | | LAGOON-SW-S5-06 | | TRENCH BASE @ 6' | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LAB ID: | | | L2448023-01 | | L2448023-03 | | L2451069-05 | | L2451069-01 | | L2451069-02 | | L2451069-03 | | L2451069-04 | | L2451670-01 | | L2459257-01 | |
| COLLECTION DATE: | | | 8/22/2024 | | 8/22/2024 | | 9/5/2024 | | 9/5/2024 | | 9/5/2024 | | 9/5/2024 | | 9/5/2024 | | 9/9/2024 | | 10/9/2024 | |
| SAMPLE DEPTH (feet bgs): | | | 7' | | 6.5' | | 9' | | 8.5' | | 8.5' | | 8' | | 8' | | 6' | | 6' | |
| SAMPLE MATRIX: | | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | |
| ANALYTE | | | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q |
| **VOLATILE ORGANICS BY GC/MS** | | | | | | | | | | | | | | | | | | | | |
| 2-Butanone | 500 | 0.12 | 0.0071 | J | <0.59 | U | 0.0052 | J | 0.0048 | J | <0.79 | U | 0.014 | | 0.0049 | J | <0.014 | U | 0.0041 | J |
| Acetone | 500 | 0.05 | 0.035 | | <0.59 | U | 0.066 | | 0.081 | | 0.57 | J | 0.072 | | 0.089 | | 0.009 | J | 0.014 | |
| Benzene | 44 | 0.06 | 0.0022 | | 0.025 | J | <0.00047 | U | <0.00055 | U | 0.017 | J | <0.00052 | U | <0.00059 | U | <0.00068 | U | 0.0095 | |
| Ethylbenzene[1] | 390 | 1 | 0.00013 | J | 0.93 | | 0.00034 | J | 0.00016 | J | 11 | | <0.001 | U | 0.00018 | J | <0.0014 | U | 0.034 | |
| o-Xylene[1] | 500^ | 1.6* | 0.00076 | J | 0.059 | | <0.00094 | U | <0.0011 | U | 13 | | <0.001 | U | <0.0012 | U | <0.0014 | U | 0.031 | |
| p/m-Xylene[1] | 500* | 1.6* | 0.002 | | 29 | | 0.0023 | | <0.0022 | U | 43 | | <0.0021 | U | <0.0024 | U | <0.0027 | U | 0.22 | |
| Toluene[1] | 500 | 0.7 | <0.00094 | U | <0.059 | U | <0.00094 | U | <0.0011 | U | 16 | | <0.001 | U | 0.00078 | J | <0.0014 | U | 0.72 | E |
| Trichloroethene | 200 | 0.47 | <0.00047 | U | <0.03 | U | <0.00047 | U | <0.00055 | U | <0.04 | U | <0.00052 | U | <0.00059 | U | <0.00068 | U | <0.00027 | U |
| **SEMIVOLATILE ORGANICS BY GC/MS** | | | | | | | | | | | | | | | | | | | | |
| Benzo(a)anthracene | 5.6 | 1 | <1.2 | U | <1.2 | U | <0.11 | U | <0.11 | U | <0.13 | U | <0.11 | U | 0.023 | J | 0.027 | J | <0.11 | U |
| Benzo(a)pyrene | 1 | 22 | <1.6 | U | <1.6 | U | <0.14 | U | <0.15 | U | <0.17 | U | <0.15 | U | <0.16 | U | <0.15 | U | <0.15 | U |
| Benzo(b)fluoranthene | 5.6 | 1.7 | <1.2 | U | <1.2 | U | <0.11 | U | <0.11 | U | <0.13 | U | <0.11 | U | 0.043 | J | 0.05 | J | <0.11 | U |
| Chrysene | 56 | 1 | <1.2 | U | <1.2 | U | <0.11 | U | <0.11 | U | <0.13 | U | <0.11 | U | 0.036 | J | 0.04 | J | <0.11 | U |
| Dibenzo(a,h)anthracene | 0.56 | 1000 | <1.2 | U | <1.2 | U | <0.11 | U | <0.11 | U | <0.13 | U | <0.11 | U | <0.12 | U | <0.11 | U | <0.11 | U |
| Indeno(1,2,3-cd)pyrene | 5.6 | 8.2 | <1.6 | U | <1.6 | U | <0.14 | U | <0.15 | U | <0.17 | U | <0.15 | U | <0.16 | U | <0.15 | U | <0.15 | U |
| **POLYCHLORINATED BIPHENYLS BY GC** | | | | | | | | | | | | | | | | | | | | |
| PCBs, Total[1] | 1 | 3.2 | **2.24** | | 0.736 | | <0.0515 | U | <0.0529 | U | 0.0272 | J | <0.0553 | U | 0.012 | J | 0.0555 | | <0.0538 | U |
| **TOTAL METALS** | | | | | | | | | | | | | | | | | | | | |
| Chromium, Total | 1,500*** | 19** | 20.2 | | 17.9 | | 8.19 | | 21.9 | | 10.5 | | 7.11 | | 9.65 | | 5.63 | | 11.2 | |
| Lead, Total | 1000 | 450 | 93.9 | | 87.2 | | 9.62 | | 72.7 | | 10.5 | | 11.7 | | 11.4 | | 3.68 | J | 9.25 | |
| Mercury, Total[1] | 2.8 | 0.73 | 2.45 | | 0.98 | | <0.09 | U | <0.081 | U | 0.482 | | <0.074 | U | <0.079 | U | <0.074 | U | 0.059 | J |

**NOTES:**

Yellow shading - value exceeds Protection of Groundwater SCO (PSGW SCO)

**BOLD** value - reported value exceeds Commercial Soil Cleanup Objective (CSCO)

[1] indicates a PSGW SCO (toluene, ethylbenzene, total xylenes, total PCBs, & mercury)

E - Indicates concentration of analyte exceeded the range of the calibration curve and/or linear range of the instrument.

J - The reported value is estimated; analyte detected above the MDL but below the RL

U - the reported value was not detected at or above the laboratory's MDL

* Indicates SCO for Total (mixed) xylene; no SCOs exist for individual isomers

** A GWSCO for Total Cr does not exist; value represents SCO for hexavalent Cr

*** A CSCO for Cr does not exist; value represents SCO for trivalent Cr

# Table 4-7
## Conformation Sample COCs Compared to SCOs

| SAMPLE ID: | Part 375 Commercial Use SCOs (mg/Kg) | Part 375 Groundwater SCOs (mg/Kg) | TRENCH BASE DUP @ 6' | | SOUTH SIDE @ 4'-A | | NORTH SIDE @ 4'-A | | SOUTH SIDE @ 4'-B | | NORTH SIDE @ 4'-B | | FIELD BLANK | | SOUTH SIDE @ 3'-C | | NORTH SIDE @ 3'-C | | EAST WALL @ 3' | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LAB ID: | | | L2459257-02 | | L2459257-03 | | L2459257-04 | | L2459257-05 | | L2459257-06 | | L2459257-07 | | L2459257-09 | | L2459257-10 | | L2459257-11 | |
| COLLECTION DATE: | | | 10/9/2024 | | 10/9/2024 | | 10/9/2024 | | 10/9/2024 | | 10/9/2024 | | 10/9/2024 | | 10/10/2024 | | 10/10/2024 | | 10/10/2024 | |
| SAMPLE DEPTH (feet bgs): | | | 6' | | 4' | | 4' | | 4' | | 4' | | 4' | | 3' | | 3' | | 3' | |
| SAMPLE MATRIX: | | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | |
| ANALYTE | | | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q |
| **VOLATILE ORGANICS BY GC/MS** | | | | | | | | | | | | | | | | | | | | |
| 2-Butanone | 500 | 0.12 | 0.0017 | J | <0.0048 | U | <0.42 | U | <0.71 | U | 6 | J | 0.0051 | | <0.35 | U | 0.0099 | | <3.2 | U |
| Acetone | 500 | 0.05 | 0.02 | | 0.0086 | | <0.42 | U | <0.71 | U | 4.1 | J | 0.017 | | 0.18 | J | 0.039 | | 1.7 | J |
| Benzene | 44 | 0.06 | 0.017 | | 0.00088 | | 0.033 | | 0.14 | | 0.53 | | 0.0037 | | 0.024 | | 0.013 | | 0.24 | |
| Ethylbenzene[1] | 390 | 1 | 0.019 | | 0.002 | | 7.8 | | 13 | | 59 | | 0.0066 | | 1.8 | | 0.37 | E | 120 | E |
| o-Xylene[1] | 500^ | 1.6* | 0.0068 | | 0.00084 | | 2.6 | | 11 | | 85 | | 0.002 | | 1.4 | | 0.18 | | 140 | |
| p/m-Xylene[1] | 500* | 1.6* | 0.025 | | 0.0098 | | 17 | | 47 | | 240 | | 0.012 | | 7.2 | | 1.8 | E | 440 | E |
| Toluene[1] | 500 | 0.7 | 0.055 | | 0.0042 | | 1.7 | | 19 | J | 720 | E | 0.015 | J | 0.28 | | <0.044 | U | **790** | E |
| Trichloroethene | 200 | 0.47 | <0.00036 | U | <0.00024 | U | <0.021 | U | <0.035 | U | <0.41 | U | <0.00022 | U | <0.018 | U | <0.00033 | U | <0.16 | U |
| **SEMIVOLATILE ORGANICS BY GC/MS** | | | | | | | | | | | | | | | | | | | | |
| Benzo(a)anthracene | 5.6 | 1 | <0.11 | U | <0.11 | U | 0.024 | J | 0.064 | J | <0.11 | U | - | | <0.11 | U | <0.11 | U | 0.82 | J |
| Benzo(a)pyrene | 1 | 22 | <0.15 | U | <0.14 | U | <0.15 | U | <0.15 | U | <0.14 | U | - | | <0.15 | U | <0.15 | U | 0.51 | J |
| Benzo(b)fluoranthene | 5.6 | 1.7 | <0.11 | U | <0.11 | U | <0.11 | U | 0.075 | J | <0.11 | U | - | | <0.11 | U | <0.11 | U | 0.94 | J |
| Chrysene | 56 | 1 | <0.11 | U | <0.11 | U | 0.022 | J | 0.068 | J | <0.11 | U | - | | <0.11 | U | <0.11 | U | 0.85 | J |
| Dibenzo(a,h)anthracene | 0.56 | 1000 | <0.11 | U | <0.11 | U | <0.11 | U | <0.11 | U | <0.11 | U | - | | <0.11 | U | <0.11 | U | <1.1 | U |
| Indeno(1,2,3-cd)pyrene | 5.6 | 8.2 | <0.15 | U | <0.14 | U | <0.15 | U | 0.033 | J | <0.14 | U | - | | <0.15 | U | <0.15 | U | 0.34 | J |
| **POLYCHLORINATED BIPHENYLS BY GC** | | | | | | | | | | | | | | | | | | | | |
| PCBs, Total[1] | 1 | 3.2 | 0.142 | | 0.0588 | J | 0.91 | | **1.93** | | 0.728 | | - | | 0.0102 | J | 0.19 | | **32.4** | |
| **TOTAL METALS** | | | | | | | | | | | | | | | | | | | | |
| Chromium, Total | 1,500*** | 19** | 13.8 | | 10.5 | | 12.9 | | 19 | | 11.3 | | - | | 11.7 | | 12 | | 424 | |
| Lead, Total | 1000 | 450 | 19 | | 10.6 | | 9.47 | | 60.5 | | 11.8 | | - | | 10.5 | | 10.6 | | **4230** | |
| Mercury, Total[1] | 2.8 | 0.73 | <0.078 | U | <0.079 | U | <0.075 | U | 0.789 | | 0.061 | J | - | | <0.076 | U | <0.071 | U | **7.95** | |

**NOTES:**

Yellow shading - value exceeds Protection of Groundwater SCO (PSGW SCO)

**BOLD** value - reported value exceeds Commercial Soil Cleanup Objective (CSCO)

[1] indicates a PSGW SCO (toluene, ethylbenzene, total xylenes, total PCBs, & mercury)

E - Indicates concentration of analyte exceeded the range of the calibration curve and/or linear range of the instrument.

J - The reported value is estimated; analyte detected above the MDL but below the RL

U - the reported value was not detected at or above the laboratory's MDL

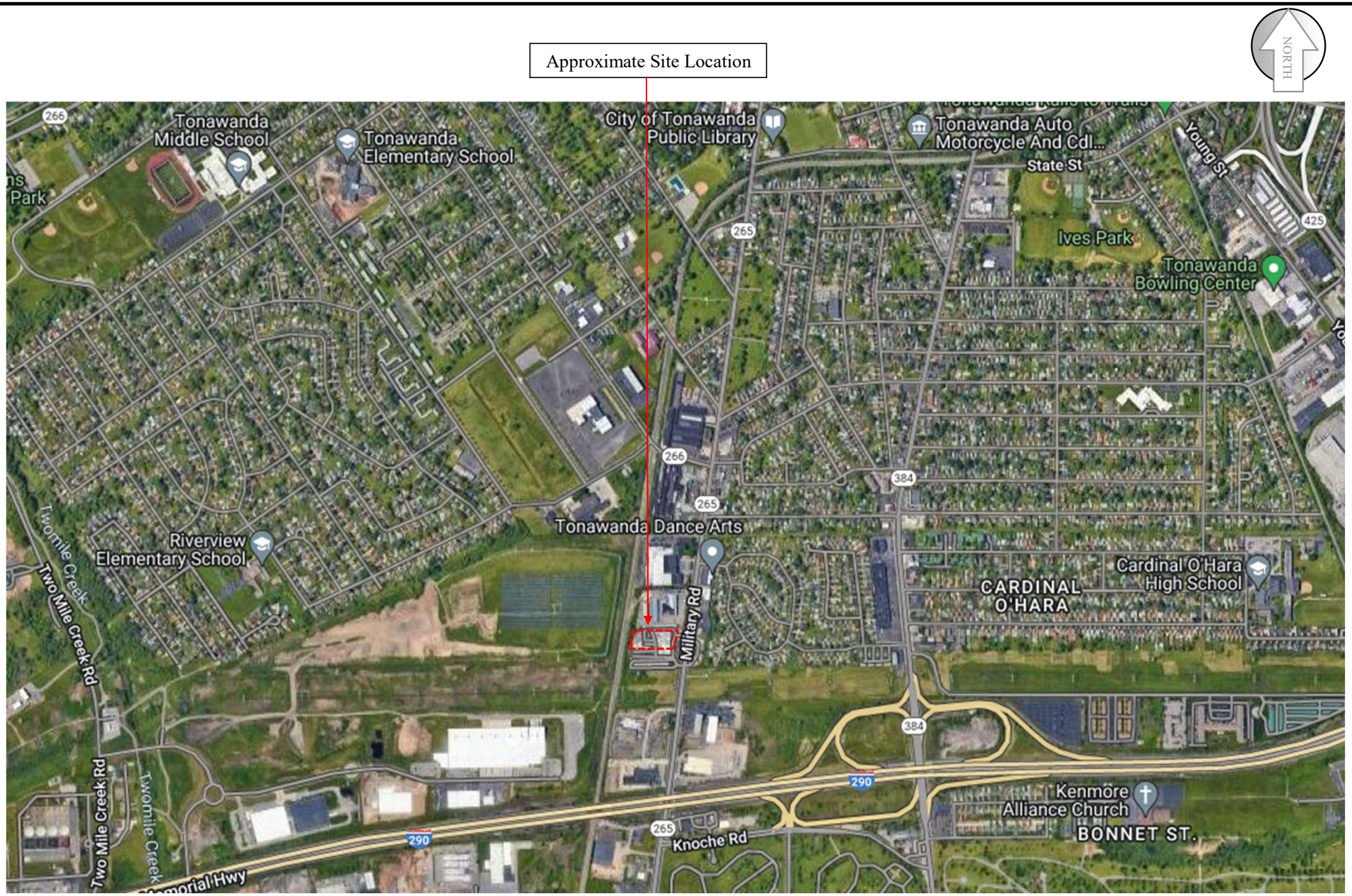
* Indicates SCO for Total (mixed) xylene; no SCOs exist for individual isomers

** A GWSCO for Total Cr does not exist; value represents SCO for hexavalent Cr

*** A CSCO for Cr does not exist; value represents SCO for trivalent Cr

# APPENDICES

## FIGURES




| | |
|---|---|
| Title: | Site Location Map<br>2266 and 2268 Military Road<br>Tonawanda, New York |
| Prepared For: | Tonawanda Storage Properties, LLC<br>2600 Innovation Square, 100 South Clinton Avenue<br>Rochester, New York |

MARSH ENGINEERING D.P.C.
271 Marsh Road-Suite 2
Pittsford, New York 14534
(585) 248-2413
FAX (585) 248-2834

| | |
|---|---|
| Project | 100.002 |
| Date | 01/21/2025 |
| Scale | Not to Scale |
| Drawn | BWA |
| Checked | MPR |
| File Name | Site Location Map |
| Figure | 1 |



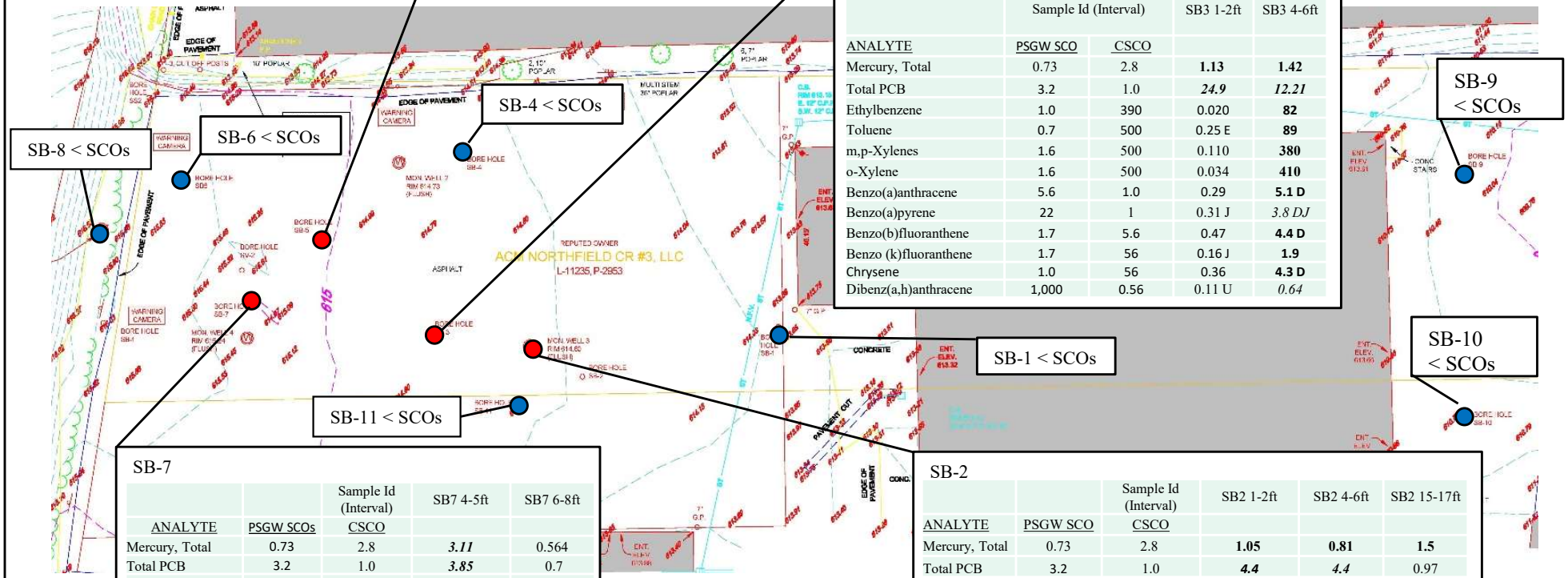

| | |
|---|---|
| Title: | Aerial View of Site<br>2266 and 2268 Military Road<br>Tonawanda, New York |
| Prepared For: | ACM Northfield CR3, LLC<br>3144 South Winton Road<br>Rochester, New York |

MARSH ENGINEERING D.P.C.
Marsh Engineering , DPC
271 Marsh Road-Suite 2
Pittsford, New York 14534
(585) 248-2413
FAX (585) 248-2834

| | |
|---|---|
| Project | 100.002 |
| Date | 1/20/25 |
| Scale | Not To Scale |
| Drawn | BWA |
| Checked | ST |
| File Name | Figure 2 |
| Figure | 2 |

● - Soil borings - SB-9 and SB-10 locations are approximate
< SCOs = All analyte concentrations were below both CSCOs and PSGW SCOs
*Italic font* = Analyte value exceeded its CSCO
**Bold font** = Analyte value exceeded its PSGW SCO
***Bold and Italic font*** = Analyte value exceeded both its CSCO and PSGW SCO

NORTH




SB-5

| | Sample Id (Interval) | | SB5 3-5ft | SB5 7-8ft |
|---|---|---|---|---|
| ANALYTE | PSGW SCO | CSCO | | |
| Total PCB | 3.2 | 1.0 | 0.284 | *1.82* |

SB-3

| | Sample Id (Interval) | | SB3 1-2ft | SB3 4-6ft |
|---|---|---|---|---|
| ANALYTE | PSGW SCO | CSCO | | |
| Mercury, Total | 0.73 | 2.8 | **1.13** | **1.42** |
| Total PCB | 3.2 | 1.0 | ***24.9*** | ***12.21*** |
| Ethylbenzene | 1.0 | 390 | 0.020 | **82** |
| Toluene | 0.7 | 500 | 0.25 E | **89** |
| m,p-Xylenes | 1.6 | 500 | 0.110 | **380** |
| o-Xylene | 1.6 | 500 | 0.034 | **410** |
| Benzo(a)anthracene | 5.6 | 1.0 | 0.29 | **5.1 D** |
| Benzo(a)pyrene | 22 | 1 | 0.31 J | *3.8 DJ* |
| Benzo(b)fluoranthene | 1.7 | 5.6 | 0.47 | **4.4 D** |
| Benzo (k)fluoranthene | 1.7 | 56 | 0.16 J | **1.9** |
| Chrysene | 1.0 | 56 | 0.36 | **4.3 D** |
| Dibenz(a,h)anthracene | 1,000 | 0.56 | 0.11 U | *0.64* |

SB-7

| | | Sample Id (Interval) | SB7 4-5ft | SB7 6-8ft |
|---|---|---|---|---|
| ANALYTE | PSGW SCOs | CSCO | | |
| Mercury, Total | 0.73 | 2.8 | ***3.11*** | 0.564 |
| Total PCB | 3.2 | 1.0 | ***3.85*** | 0.7 |
| Ethylbenzene | 1.0 | 390 | ***680*** | ***730 E*** |
| Toluene | 0.7 | 500 | ***1500*** | **120** |
| m,p-Xylenes | 1.6 | 500 | ***2900*** | ***2800 E*** |
| o-Xylene | 1.6 | 500 | ***970*** | ***550*** |

SB-2

| | | Sample Id (Interval) | SB2 1-2ft | SB2 4-6ft | SB2 15-17ft |
|---|---|---|---|---|---|
| ANALYTE | PSGW SCO | CSCO | | | |
| Mercury, Total | 0.73 | 2.8 | **1.05** | **0.81** | **1.5** |
| Total PCB | 3.2 | 1.0 | ***4.4*** | ***4.4*** | 0.97 |
| Ethylbenzene | 1.0 | 390 | 0.24 J | ***790*** | **40** |
| Toluene | 0.7 | 500 | 0.51 | ***12,000 E*** | ***570 E*** |
| m,p-Xylenes | 1.6 | 500 | **2.4** | ***3,300*** | **170** |
| o-Xylene | 1.6 | 500 | 0.13 J | ***1,200*** | **59** |

Title: Pre-Remediation Subsurface Soil Exceeding CSCOs and/or Project-Specific GW SCOs
2266 and 2268 Military Road
Tonawanda, New York

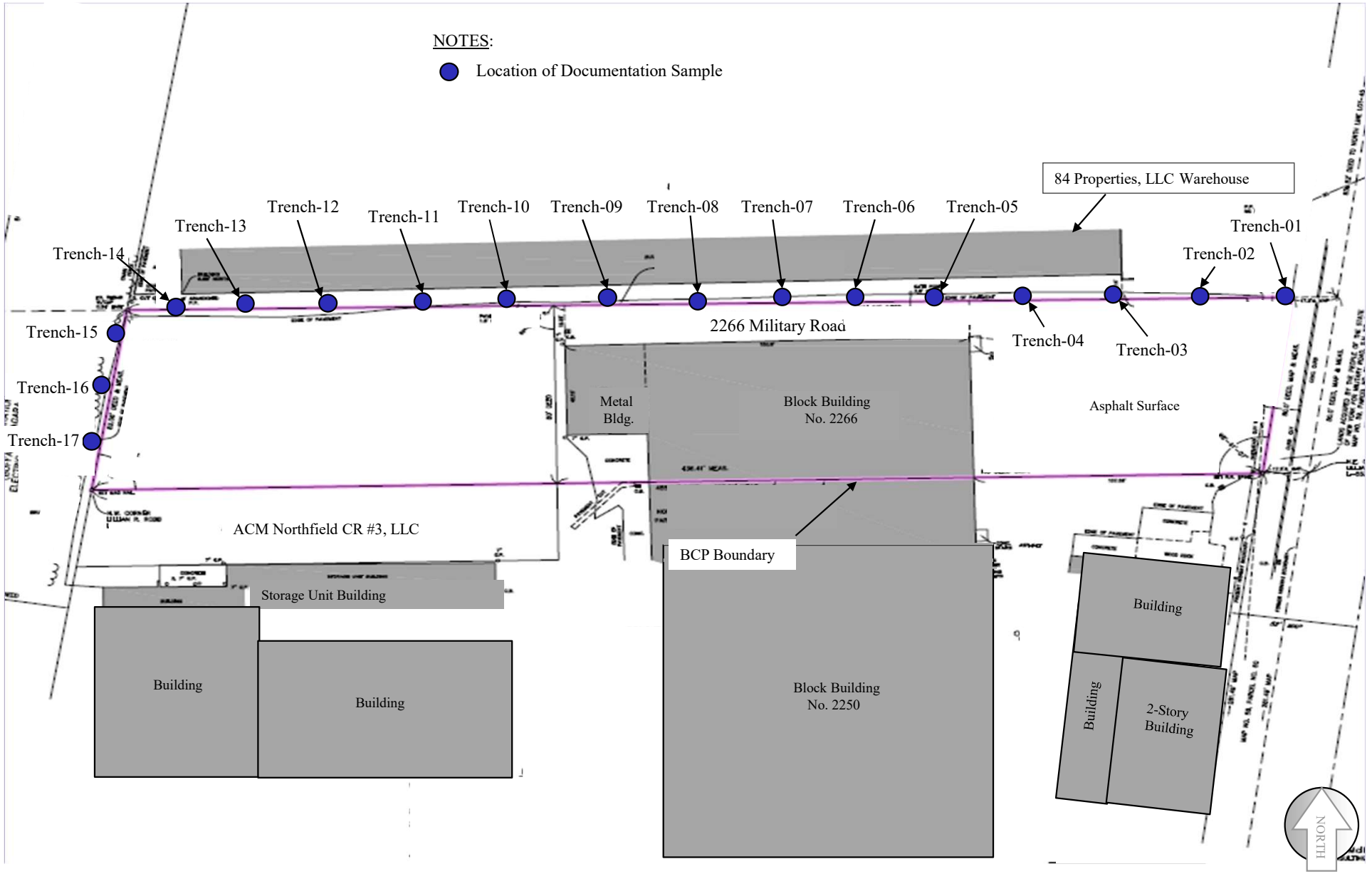
Prepared For: Tonawanda Storage Properties, LLC
2600 Innovation Square, 100 South Clinton Avenue
Rochester, New York


MARSH ENGINEERING D.P.C.
271 Marsh Road-Suite 2
Pittsford, New York 14534
(585) 248-2413
FAX (585) 248-2834


Project: 100.001
Date: 1/20/2025
Scale: As shown

Drawn: BWA
Checked: MR
File Name: Subsurface > SCOs

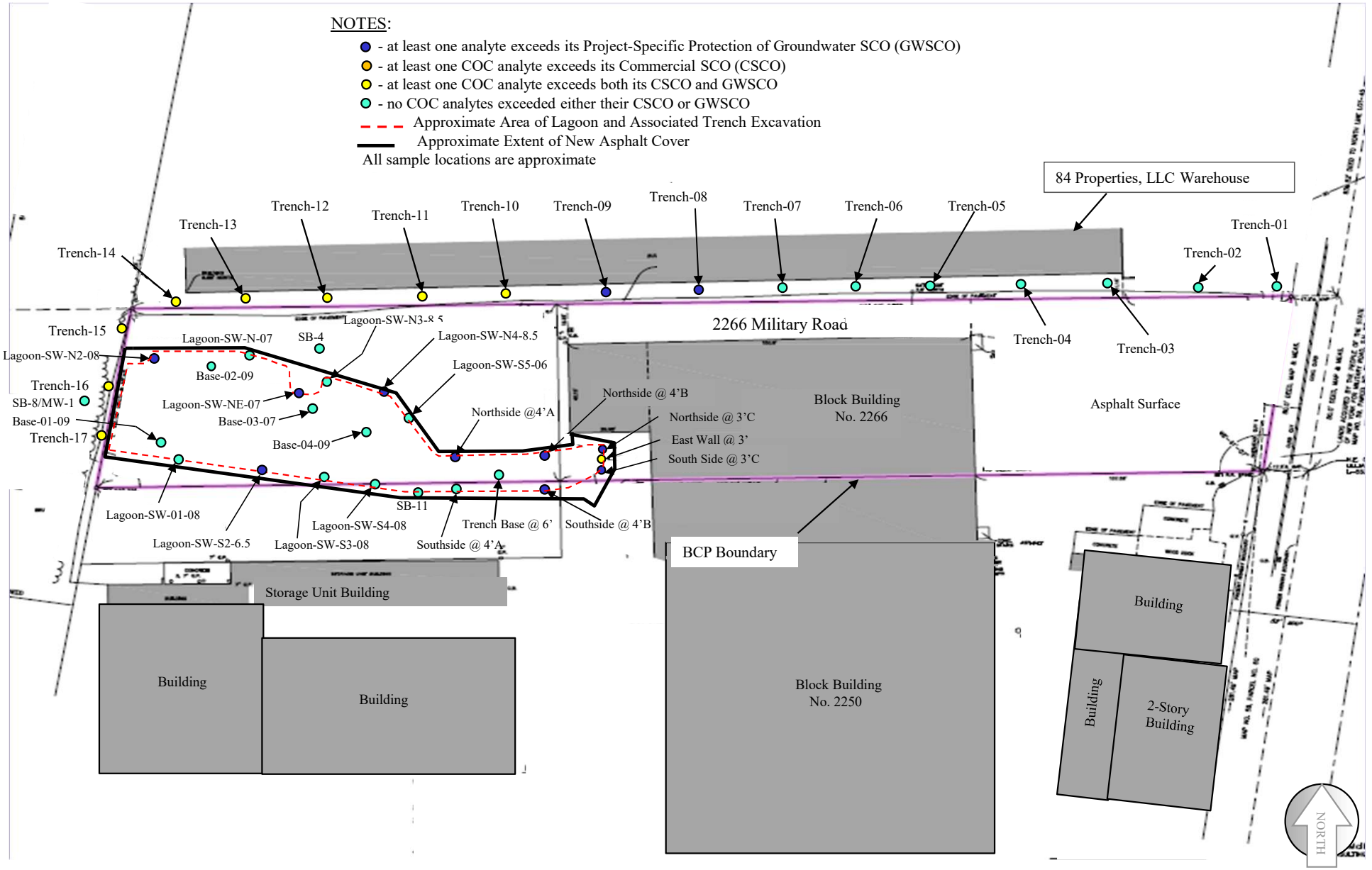
Figure: 3




| | |
|---|---|
| Title: | Documentation Sample Locations<br>2266 and 2268 Military Road<br>Tonawanda, New York |
| Prepared For: | Tonawanda Storage Properties, LLC<br>2600 Innovation Square, 100 South Clinton Avenue<br>Rochester, New York |


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Pittsford, New York 14534
(585) 248-2413
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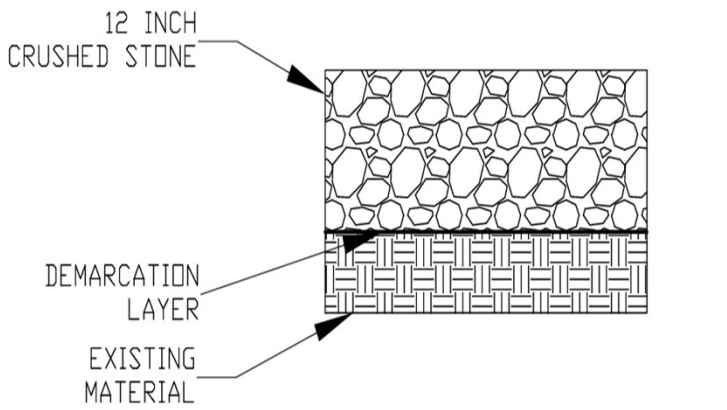

| | |
|---|---|
| Project | 100.002 |
| Date | 09/12/2024 |
| Scale | NTS |
| Drawn | ELS |
| Checked | MPR |
| File Name | Figure 4 |
| Figure | 4 |



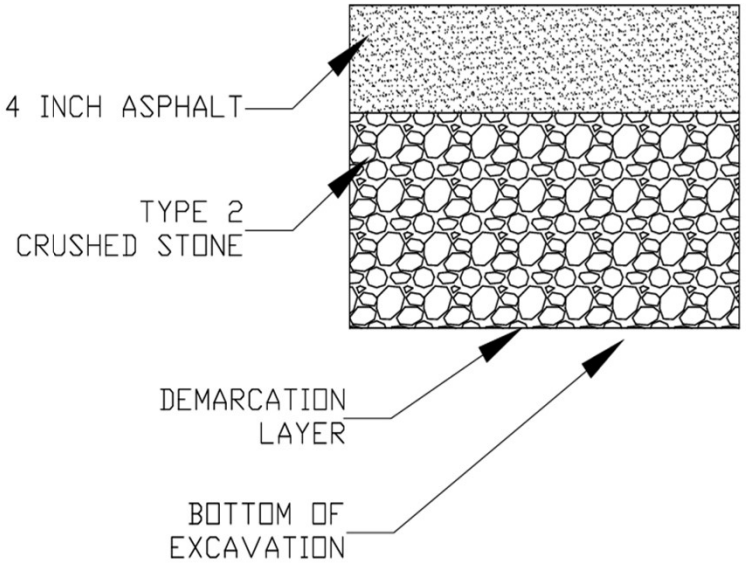

| | |
|---|---|
| Title: | Post-Remediation Site Details<br>2266 and 2268 Military Road<br>Tonawanda, New York |
| Prepared For: | Tonawanda Storage Properties, LLC<br>2600 Innovation Square, 100 South Clinton Avenue<br>Rochester, New York |


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| | |
|---|---|
| Project | 100.002 |
| Date | 03/07/2025 |
| Scale | NTS |
| Drawn | BWA |
| Checked | MR |
| File Name | Figure 5 |
| Figure | 5 |

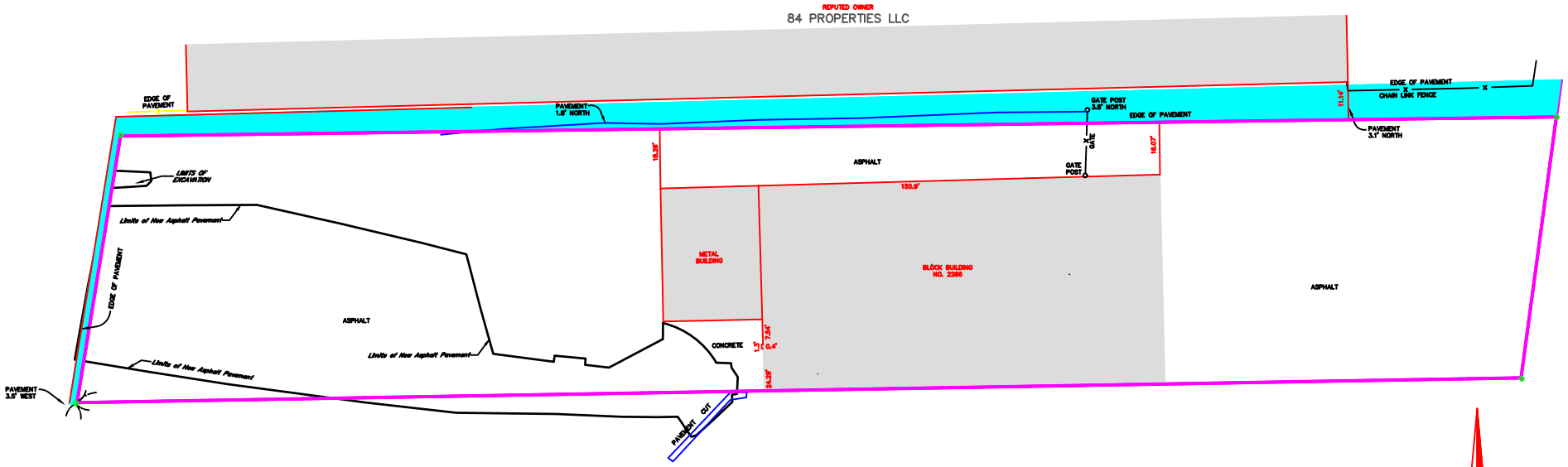



SHALLOW EXCAVATION
RESTORATION CROSS SECTION




TRENCH AND LAGOON
RESTORATION CROSS SECTION (TYP)

| | | | | | |
|---|---|---|---|---|---|
| Title: Cover Restoration Details 2266 and 2268 Military Road Tonawanda, New York | Prepared For: Tonawanda Storage Properties, LLC 2600 Innovation Square 100 South Clinton Avenue Rochester, New York | MARSH ENGINEERING D.P.C. 271 Marsh Road-Suite 2 Pittsford, New York 14534 (585) 248-2413 FAX (585) 248-2834 | Project<br>Date 1/20/2025<br>Scale Not to Scale | Drawn BWA<br>Checked MPR<br>File Name FER/Figures | Figure 6 |




NOTES:

- Extent of New Asphalt Cover Material
- BCP Boundary
- Crushed Run Stone Cover Material

| | |
|---|---|
| Title: | Locations of Cover Materials<br>2266 and 2268 Military Road<br>Tonawanda, New York |
| Prepared For: | Tonawanda Storage Properties, LLC<br>2600 Innovation Square, 100 South Clinton Ave<br>Rochester, New York |

MARSH ENGINEERING D.P.C.
271 Marsh Road-Suite 2
Pittsford, New York 14534
(585) 248-2413
FAX (585) 248-2834

| | |
|---|---|
| Project: | 100.002 |
| Date: | 03/10/2025 |
| Scale: | 1/4"=1' |
| Drawn: | BWA |
| Checked: | MPR |
| File Name: | Site Map |
| Figure: | 7 |

# APPENDIX A

# SURVEY MAP, METES AND BOUNDS

REPUTED OWNER
**84 PROPERTIES LLC**
L–11306, P–5108

POINT OF BEGINNING

N.W. CORNER MAP NO. 59, PARCEL NO. 61

P.P. NG 2284R

EX. REBAR W/CAP 0.35' SOUTH 0.12' WEST

842.65' DEED= 842.65' MEAS. TO NORTH LINE LOT–45

846.58' DEED

EX. REBAR W/CAP 0.34' EAST

N.E. CORNER L–2817, P–429

PAVEMENT 3.0' SOUTH

100°–01'–17"

CUT OFF POSTS OF ABANDONED P.P.

CHAIN LINK FENCE

EDGE OF PAVEMENT

ASPHALT

BUILDING 6.88' NORTH

PAVEMENT 1.8' NORTH

PARALLEL WITH SOUTH LINE LOT–45 (DEED)
452.58' DEED = 451.09' MEAS.

GATE POST 3.8' NORTH

PAVEMENT 3.1' NORTH

PAVEMENT 0.7' NORTH

17.20' DEED & MAP

433.90' DEED & MEAS.

274.82' DEED

GATE

GATE POST

C.B.

CONC. STAIRS

116.46'

150.9'

16.07'

11.14'

EASEMENT TO IROQUOIS GAS CORPORATION L–2515, P–163 NO SPECIFIC WIDTH DESCRIBED

91°–32'–07" D.

N.F.V.

12" GAS

178.24' DEED & MEAS. 80.0' DEED, MAP & MEAS.

80.0' DEED, MAP & MEAS. 922.65' DEED TO NORTH LINE LOT–45

LANDS ACQUIRED BY THE PEOPLE OF THE STATE OF NEW YORK FOR MILITARY ROAD, S.H. NO. 9221, MAP NO. 59, PARCEL NO. 61, L–7350, P–164

ORIGINAL CENTERLINE OF RIGHT OF WAY

(S.H. 9221)

(N.Y.S. ROUTE NO. 265)

(83.0' WIDE)

FORMERLY
**ACM NORTHFIELD CR #3, LLC**
L–11235, P–2953
PARCEL G

**ENVIRONMENTAL EASEMENT**
**0.80±Ac.**

ASPHALT

82.08' DEED & MEAS.

EDGE OF PAVEMENT

79°–45'–29"

PAVEMENT 3.5' WEST

EX. MAG NAIL

N.W. CORNER LILLIAN R. ROBB L–5535, P–452

173.51' DEED & MEAS.

AREA OF UNKNOWN TITLE EXCEPTION PARCEL L–11414, P–6771

115.06'

115.66'

90' DEED

40.2'

METAL BUILDING

BLOCK BUILDING NO. 2268

EXCEPTION PARCEL
L–11235, P–2953, PARCEL G
(L–10881, P–4917)

29.55'

7" G.P.

CONCRETE

1.3'

0.4'

7.54'

24.29'

436.41' MEAS.

262.90' DEED & MEAS.

90°–44'–30" D.

72.96' DEED

17.2'± MAP

N.E. CORNER LILLIAN R. ROBB L–5535, P–452

EX. R.R. SPIKE

107.59'

SAN. M.H.

GUY WIRE

OVERHEAD

98°–41'–07"

33.30' D. & M.

30°–14'–54" D.

34.46'

35.43'

34.53' DEED & MEAS.

60.00' DEED

179.35' DEED & MEAS.

181.00' DEED

100.3'

STORAGE UNIT BUILDING

NORTH LINE PARCEL C

80.05'

90°–24'–30" D.

N.E. COR. L–11235' P–2953 PARCEL C

7" G.P.

CONCRETE

0.98'

3, 7" G.P.

7" G.P.

10.2'

10.18'

2.8'

11.35'

20.25'

2.75'

2.65'

25.85'

50' DEED

NO DEED DIST.

455.24' DEED = 453.61' MEAS.

NORTH LINE L–5535, P–452
PARALLEL WITH SOUTH LINE LOT–45 (DEED)

NO DEED DIST.

130.85' DEED

209.28'

GAS RISER

3, GAS METERS

CONC.

ASPHALT

EDGE OF PAVEMENT

CONCRETE

WOOD DECK

32.4'

10.6'

58.4'

G.V.

C.B.

FORMER HIGHWAY BOUNDARY

EASEMENT TO IROQUOIS GAS CORPORATION L–2515, P–157 NO SPECIFIC WIDTH DESCRIBED

BLOCK BUILDING NO. 2250

40.25'

40.06'

9.50'

PRESENT HIGHWAY BOUNDARY

52' MAP

L–11235, P–2953
PARCEL A

M.H.

O&T

P.P. 72A

32.0'

12.3'

8.10'

P.P. NG 2250R

6.01'

0.85'

14.95'

1.5'

11.08'

7.85'

5.96'

14.2'

26.1'

183.18' DEED

261.42' DEED

BRICK & BLOCK BUILDING NO. 2250

37.78'

14.9'

5.32'

12.6'

43.35'

171°–36'–22" D.

30.21' D.

162°–04'–47" D.

83.36'

EDGE OF PAVEMENT

281.49' MAP

MAP NO. 58, PARCEL NO. 60, L–7350, P–155

363.33' DEED ADD. = 362.39' DEED & MEAS.

281.49' MAP

1204.14' DEED TO NORTH LINE LOT–45

TO NORTH LINE LOT–45

REPUTED OWNER
**TONAWANDA STORAGE PROPERTIES LLC**
L–11414, P–6771

L–11235, P–2953
PARCEL B

**COMPOSITE AREA**
**3.62±Ac.**

NO DEED DIST.

455.24' DEED = 453.61' MEAS.

NORTH LINE L–5535, P–452
PARALLEL WITH SOUTH LINE LOT–45 (DEED)

EDGE OF PAVEMENT

ASPHALT

CONC. RAMP

CONC. LOADING DOCK

31.75'

1.3'

0.4'

18.11'

18.66'

18.26'

18.32'

EAST LINE PARCEL C
144.76' DEED

179.75' DEED

20.51'

79.39'

CONC.

9.03'

21.08'

8.9'

23.5'

TRANSFORMER ON CONC.

C.B.

12' WIDE INGRESS & EGRESS EASEMENT L–11235, P–2953, PARCEL A

CONC.

50.61' DEED

70°–55'–14" D.

109°–04'–47" D.

EDGE OF PAVEMENT

EDGE OF PAVEMENT ASPHALT EDGE OF PAVEMENT

98°–45'–39" D.

12"

185.56' DEED

236.17' DEED

190.10' DEED

156.24'

154.73'

L–11235, P–2953
PARCEL "F"

100.15' DEED

36.5'

94.20'

50.19'

49.25'

FRAME BUILDING

18.55'

18.55'

P.P.

EDGE OF PAVEMENT

39.61'

88.31'

4.13'

99°–45'–39"

P.P. NG 2224
0.2' NORTH
1.1' EAST
17.20'± MAP

EX. IRON PIPE
0.21' SOUTH

EX. CONC. MON.

PAVEMENT 0.2' SOUTH

OE

OE&T

OT

G

X

INGRESS & EGRESS EASEMENT L–11235, P–2953 PARCEL C

ASPHALT

145.12' DEED

SOUTH LINE PARCEL C
207.27' DEED

199.9'

STORAGE UNITS

253.33' DEED

290.35'

80.5'

S.E. CORNER PARCEL C

12' WIDE INGRESS & EGRESS EASEMENT L–11235, P–2953, PARCEL D

PARALLEL WITH NORTH LINE NIAGARA MOHAWK POWER CORPORATION (DEED)

79°–40'–24" D.

12.20' DEED

6.92'

9.5'

9.95'

10.33'

5.03'

5.15'

8.3'

3.6'

90°–55'–14" D.

90°–05'–36" D.

10.25'

C.B.

ASPHALT

EDGE OF PAVEMENT

100.63' DEED

26.40

100.28'

STORAGE UNITS

40.25'

40.33'

ROOFED ASPHALT

L–11235, P–2953
PARCEL "D"

40.30'

40.2'

40.25'

99.00' DEED

STORAGE UNITS

100.18'

100.2'

100.28'

33.52'

24.56'

24.37'

24.34'

24.29'

54.16'

P.P. NG 2224R 1.2' NORTH

GUY 1.6' NORTH

90°–00' DEED

175.00' DEED

192.20' DEED

EDGE OF PAVEMENT

271.37' DEED

446.37' DEED ADD. = 444.38' DEED & MEAS.

NORTH LINE NIAGARA MOHAWK POWER CORPORATION

EASEMENT TO NIAGARA MOHAWK POWER CORPORATION L–7533, P–77 NO SPECIFIC WIDTH DESCRIBED

ASPHALT 1.3' NORTH

5.3'

79°–37'–57"

SET REBAR W/CAP

(FORMERLY NEW YORK CENTRAL RAILROAD COMPANY)

365.28' DEED

REPUTED OWNER
**NIAGARA MOHAWK POWER CORPORATION (BUFFALO NIAGARA ELECTRIC CORPORATION)**
L–2817, P–429

EAST LINE L–2817, P–429
365' DEED = 366.68' DEED & MEAS.

148.99' DEED

21.33'

20.5'

2.6'

2.72'

0.98'

CONC.

124.9'

L–11235, P–2953
PARCEL C

EDGE OF PAVEMENT

ASPHALT

C.B.

INGRESS & EGRESS EASEMENT L–11235, P–2953 PARCEL C

0.15' WEST

130.3'

STORAGE UNITS

130.2'

20.25'

20.37'

1.9'

3.32'

EDGE OF PAVEMENT

BLOCK BUILDING

64.4'

80.1'

40.18'

1,37.36' DEED

20.1'

ASPHALT

20.25'

2.75'

2.65'

25.85'

10.2'

10.18'

2.8'

11.35'

7" G.P.

7" G.P.

3, 7" G.P.

0.98'

CONCRETE

STORAGE UNIT BUILDING

NORTH LINE PARCEL C

80.05'

N.E. COR. L–11235' P–2953 PARCEL C

C.B.

## LEGEND

| | |
|---|---|
| OE | OVERHEAD ELECTRIC |
| OT | OVERHEAD TELEPHONE |
| OE&T | OVERHEAD ELECTRIC & TELEPHONE |
| OC | OVERHEAD CABLE |
| G | GAS |
| X | FENCE |
| Ø P.P. | POWER POLE |
| C.B. | CATCH BASIN |
| S SAN. M.H. | SANITARY MANHOLE |
| O G.P. | GUARD POST |
| O G.V. | GAS VALVE |
| M.H. | MANHOLE |
| N.F.V. | NOT FIELD VERIFIED |

## NOTES

1) REFERENCE MAP: SURVEY MAP PREPARED BY LAWRENCE J. ZYGAJ, PLS, PC, DATED FEBRUARY 15, 2007, LAST REVISED OCTOBER 8, 2008 AND IDENTIFIED AS JOB NO. 07010

2) SBL: TOWN OF TONAWANDA TAX MAP NOS. 52.12–6–16.1, 16.2, 17.1 & 17.2

3) REFERENCE MAP: SURVEY MAP PREPARED BY McINTOSH & McINTOSH, P.C., DATED FEBRUARY 26, 2020 AND IDENTIFIED AS JOB NO. 9602

4) FOR TOPOGRAPHICAL INFORMATION SEE MAP PREPARED BY McINTOSH & McINTOSH, P.C., DATED FEBRUARY 26, 2020 AND IDENTIFIED AS JOB NO. 9602–A.

REPUTED OWNER
**NIAGARA MOHAWK POWER CORPORATION**
L–1664, P–163
L–1691, P–96
L–2116, P–130
L–2119, P–20
L–8761, P–393

STATE OF NEW YORK
JOHN E. McINTOSH III
No. 049078
LICENSED LAND SURVEYOR

JUNE 20, 2019
DATE OF PLAT OR MAP

JOHN E. McINTOSH, III L.S.
LICENSE NO. 49928

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NOTE: THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN ABSTRACT OF TITLE AND IS SUBJECT TO ANY STATE OF FACTS THAT MAY BE REVEALED BY AN EXAMINATION OF SUCH.

NOTE: UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY IS A VIOLATION OF SECTION 7209, PROVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

| RESURVEY | REVISION |
|---|---|
| | REVISE DEED NOTATIONS & NOTES MAY 22, 2023 |
| | |
| | |

GRAPHIC SCALE
( IN METERS )
4.8 0 2.3 4.8 9.5 14.5 19 24
1 : 240
GRAPHIC SCALE
20 0 10 20 40 60
( IN FEET )
1 inch = 20 ft.

**NYSDEC SITE NO. C915010**
**2266 & 2268 MILITARY ROAD**
**SHEET 1 OF 2**

**McINTOSH & McINTOSH, P.C.**
CONSULTING ENGINEERS, LAND SURVEYORS, PLANNERS
429 PINE STREET, LOCKPORT, NEW YORK 14094
PHONE 433–2535 PHONE 625–8360

**SURVEY OF PART OF LOT–45, TWP.–12, R.–8, HOLLAND PURCHASE**

LOCATION: **TOWN OF TONAWANDA, ERIE COUNTY, NEW YORK**

JOB No. **9602–B–EE** | SCALE: **1"= 20'** | DATE: **NOVEMBER 1, 2022**

DRAWN: MAS
COMP: JEM, III
DESC:
CADFILE 9602–BEE.DWG

## 2266 & 2268 MILITARY ROAD
## ENVIRONMENTAL EASEMENT AREA DESCRIPTION
## NYSDEC SITE NO. C915010

ALL THAT TRACT OR PARCEL OF LAND, situate in the Town of Tonawanda, County of Erie, State of New York, and being part of Lot 45, Township 12, Range 8 of the Holland Land Company Survey (so–called), bounded and described as follows:
BEGINNING AT the northwest corner of Parcel No. 61 as shown on Map No. 59 of lands acquired by the People of the State of New York for Military Road, S.H. No. 9221 by deed recorded in the Erie County Clerk's Office in Liber 7350 of Deeds at Page 164;
RUNNING THENCE: Southerly, along the west line of said Parcel No. 61 and the west line of Military Road as now laid out, a distance of 80.0 feet to a point;
RUNNING THENCE: Westerly, at an interior angle of 98°–41'–07" with the last described line, a distance of 436.41 feet to a point on the east line of lands conveyed to Buffalo Niagara Electric Corporation now Niagara Mohawk Power Corporation by deed recorded in the Erie County Clerk's Office in Liber 2817 of Deeds at Page 429;
RUNNING THENCE: Northerly, at an interior angle of 79°–45'–29" with the last described line and along the east line of said Niagara Mohawk Power Corporation lands, a distance of 82.06 feet to the northeast corner thereof;
RUNNING THENCE: Easterly, at an interior angle of 100°–01'–17" with the last described line, a distance of 433.90 feet to the POINT OR PLACE OF BEGINNING, containing 0.80 Acre, be the same, more or less.
SUBJECT to easements, rights of way and restrictions or record.
BEING AND INTENDED to be Parcel G of lands conveyed to ACM Northfield CR #3, LLC by deed recorded in the Erie County Clerk's Office in Liber 11235 of Deeds at Page 2953.

THIS PROPERTY IS SUBJECT TO AN ENVIRONMENTAL EASEMENT HELD BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION PURSUANT TO TITLE 36 OF ARTICLE 71 OF THE NEW YORK ENVIRONMENTAL CONSERVATION LAW.

THE ENGINEERING AND INSTITUTIONAL CONTROLS FOR THIS EASEMENT ARE SET FORTH IN THE SITE MANAGEMENT PLAN (SMP). A COPY OF THE SMP MUST BE OBTAINED BY ANY PARTY WITH AN INTEREST IN THE PROPERTY. THE SMP CAN CAN BE OBTAINED FROM NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION, DIVISION OF ENVIRONMENTAL REMEDIATION, SITE CONTROL SECTION, 625 BROADWAY, ALBANY, NY 12233 OR AT DERWEB@GW.DEC.STATE.NY.US.

## LIBER 11414, PAGE 6771

ALL THAT TRACT OR PARCEL OF LAND, situate in the Town of Tonawanda, County of Erie, State of New York, and being part of Lot 45, Township 12, Range 8 of the Holland Land Company Survey (so–called), bounded and described as follows:
BEGINNING AT the northwest corner of Parcel No. 61 as shown on Map No. 59 of lands acquired by the People of the State of New York for Military Road, S.H. No. 9221 by deed recorded in the Erie County Clerk's Office in Liber 7350 of Deeds at Page 164;
RUNNING THENCE: Southerly, along the west line of said Parcel No. 61 and the west line of Parcel 60 as shown on Map No. 58 of lands acquired by the People of the State of New York for Military Road, S.H. No. 9221 by deed recorded in the Erie County Clerk's Office in Liber 7350 of Deeds at Page 155, a distance of 362.35 feet to the north line of lands conveyed to Niagara Mohawk Power Corporation;
RUNNING THENCE: Westerly, at an interior angle of 98°–48'–39" with the last described line and along a north line of said Niagara Mohawk Power Corporation lands, a distance of 444.38 feet to the east line of lands conveyed to Buffalo Niagara Electric Corporation now Niagara Mohawk Power Corporation by deed recorded in the Erie County Clerk's Office in Liber 2817 of Deeds at Page 429;
RUNNING THENCE: Northerly, at an interior angle of 79°–37'–57" with the last described line and along the east line of said lastly referred to Niagara Mohawk Power Corporation lands, a distance of 366.68 feet to the northeast corner thereof;
RUNNING THENCE: Easterly, at an interior angle of 100°–01'–17" with the last described line a distance of 433.90 feet to the POINT OR PLACE OF BEGINNING, containing 3.62 Acres, be the same, more or less.
EXCEPTING THEREFROM ALL THAT TRACT OR PARCEL OF LAND, situate in the Town of Tonawanda, County of Erie, State of New York, and being part of Lot 45, Township 12, Range 8 of the Holland Land Company Survey (so–called), bounded and described as follows:
COMMENCING AT the northwest corner of Parcel No. 61 as shown on Map No. 59 of lands acquired by the People of the State of New York for Military Road, S.H. No. 9221 by deed recorded in the Erie County Clerk's Office in Liber 7350 of Deeds at Page 164;
RUNNING THENCE: Southerly, along the west line of said Parcel No. 61 and the west line of Military Road as now laid out, a distance of 80.0 feet to a point;
RUNNING THENCE: Westerly, at an interior angle of 98°–41'–07" with the last described line, a distance of 262.90 feet to the Point or Place of Beginning of the parcel herein described;
RUNNING THENCE: Southerly, along the northerly extension of the east line of Parcel C of lands conveyed to ACM Northfield CR #3, LLC by deed recorded in the Erie County Clerk's Office in Liber 11235 of Deeds at Page 2953, a distance of 34.53 feet to the northeast corner thereof;
RUNNING THENCE: Westerly, along the north line of Parcel C of said ACM Northfield CR #3, LLC lands, a distance of 179.35 feet to a point on the east line of lands conveyed to Buffalo Niagara Electric Corporation now Niagara Mohawk Power Corporation by deed recorded in the Erie County Clerk's Office in Liber 2817 of Deeds at Page 429;
RUNNING THENCE: Northerly, along the east line of said Niagara Mohawk Power Corporation lands, a distance of 33.20 feet to the northwest corner of lands conveyed to Lillian R. Robb by deed recorded in the Erie County Clerk's Office in Liber 5535 at Page 452;
RUNNING THENCE: Easterly, along the north line of said Robb lands, a distance of 173.51 feet to the POINT OR PLACE OF BEGINNING, containing 0.14 Acre, be the same, more or less.

NYSDEC SITE NO. C915010
2266 & 2268 MILITARY ROAD
SHEET 2 OF 2

**McINTOSH & McINTOSH, P.C.**
CONSULTING ENGINEERS, LAND SURVEYORS, PLANNERS
429 PINE STREET, LOCKPORT, NEW YORK 14094
PHONE 433–2535 PHONE 625–8360

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NOTE: THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN ABSTRACT OF TITLE AND IS SUBJECT TO ANY STATE OF FACTS THAT MAY BE REVEALED BY AN EXAMINATION OF SUCH.

| RESURVEY | REVISION |
|---|---|
| | REVISE DEED NOTATIONS & NOTES MAY 22, 2023 |
| | |
| | |

NOTE: UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY IS A VIOLATION OF SECTION 7209, PROVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

SURVEY OF PART OF LOT–45, TWP.–12, R.–8, HOLLAND PURCHASE
LOCATION TOWN OF TONAWANDA, ERIE COUNTY, NEW YORK
JOB No. 9602–B–EE | SCALE: 1"= 20' | DATE: NOVEMBER 1, 2022
DRAWN MAS | COMP. | DESC. | CADFILE

# APPENDIX B

# DOCUMENTATION OF AGENCY APPROVALS

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

**Division of Environmental Remediation, Region 9**
700 Delaware Avenue, Buffalo, NY 14209
P: (716) 851-7220 | F: (716) 851-7226
www.dec.ny.gov

May 15, 2024

John Stevens
Tonawanda Storage Properties LLC
18 North Main Street
Pittsford, New York 14534

Dear John Stevens:

**Bisonite Paint Co. Site, Site No. C915010**
**Tonawanda, NY – Erie County**
**Remedial Action Work Plan**

The New York State Department of Environmental Conservation (NYSDEC) in consultation with the New York State Department of Health (NYSDOH) have reviewed the revised Remedial Action Work Plan (RAWP) [April 29, 2024] submitted by Marsh Engineering D.P.C. on behalf of Tonawanda Storage Properties LLC. The revised RAWP has addressed the NYSDEC's and NYSDOH's comments and is hereby approved.

Please notify NYSDEC at least five days in advance of the start of field activities. Should you have any questions or would like to discuss the matter in further detail, feel free to contact me at michael.keller@dec.ny.gov or (716) 851-7218.

Sincerely,

Michael Keller, E.I.T.
Project Manager

ec: Andrea Caprio, P.E., Regional Remediation Engineer, NYSDEC Region 9
Benjamin McPherson, P.E., Professional Engineer 1, NYSDEC Region 9
Joshua Vaccaro, Assistant Engineer, NYSDEC Region 9
Gregory Scholand, Esq., Project Attorney, NYSDEC Region 9
Sara Bogardus, P.E., Assistant Bureau Director, NYSDOH Albany
Shaun Surani, Public Health Specialist, NYSDOH Albany
Timothy P. Sheehan, ACM Northfield CR#3, LLC
Michael Rumrill, Leader Professional Services, Inc.
Bruce Ahrens, Leader Professional Services, Inc.
Dixon Rollins, P.E., Marsh Engineering D.P.C.
Alan J. Knauf, Esq., Knauf Shaw, LLP

Bruce Ahrens <bahrens@leaderlink.com>

# DEC Site #C915010 - Bisonite Paint Facility / Tonawanda Storage Properties Request To Import Form

**Keller, Michael J (DEC)** <Michael.Keller@dec.ny.gov> Wed, Jul 17, 2024 at 1:51 PM
To: Frank Thomas <FThomas@sesslerenv.com>
Cc: "bahrens@leaderlink.com" <bahrens@leaderlink.com>, "mrumrill@leaderlink.com" <mrumrill@leaderlink.com>, John Stevens <jstevens@icmcom.com>, "aknauf@nyenvlaw.com" <aknauf@nyenvlaw.com>, Emily Spirito <espirito@leaderlink.com>, "Vaccaro, Joshua M (DEC)" <Joshua.Vaccaro@dec.ny.gov>, "Mcpherson, Benjamin J (DEC)" <benjamin.mcpherson@dec.ny.gov>, "Scholand, Gregory P (DEC)" <Gregory.Scholand@dec.ny.gov>

Hey Frank,

Based on the attachments you provided, the import is approved. A formal approval letter will be sent out later today or early tomorrow.

Thanks,

**Michael J. Keller, E.I.T.**

Project Manager

Division of Environmental Remediation

**New York State Department of Environmental Conservation**

700 Delaware Ave., Buffalo, NY 14209

P: (716) 851-7218

michael.keller@dec.ny.gov

NEW YORK STATE | Department of Environmental Conservation

---

**From:** Frank Thomas <FThomas@sesslerenv.com>
**Sent:** Wednesday, July 17, 2024 1:08 PM
**To:** Keller, Michael J (DEC) <Michael.Keller@dec.ny.gov>
**Cc:** bahrens@leaderlink.com; mrumrill@leaderlink.com; John Stevens <jstevens@icmcom.com>; aknauf@nyenvlaw.com; Emily Spirito <espirito@leaderlink.com>; Vaccaro, Joshua M (DEC) <Joshua.Vaccaro@dec.ny.gov>; Mcpherson, Benjamin J (DEC) <benjamin.mcpherson@dec.ny.gov>; Scholand, Gregory P (DEC) <Gregory.Scholand@dec.ny.gov>
**Subject:** RE: [External] DEC Site #C915010 - Bisonite Paint Facility / Tonawanda Storage Properties Request To Import Form

Bruce Ahrens <bahrens@leaderlink.com>

# Bisonite Paint Site (#C915010)

3 messages

**Keller, Michael J (DEC)** <Michael.Keller@dec.ny.gov> Thu, Jul 11, 2024 at 10:43 AM
To: Bruce Ahrens <bahrens@leaderlink.com>
Cc: "mrumrill@leaderlink.com" <mrumrill@leaderlink.com>, "Vaccaro, Joshua M (DEC)" <Joshua.Vaccaro@dec.ny.gov>, "Demo, Bradley W (DEC)" <Bradley.Demo@dec.ny.gov>, "Mcpherson, Benjamin J (DEC)" <benjamin.mcpherson@dec.ny.gov>

Hello Bruce,

As per our recent phone calls, the Department finds it adequate to modify the final cover system at the surficial excavation areas along the northern and western boundaries from 6in of soil and 6in of clean stone to 1ft of clean stone. As a reminder, import requests must be submitted and approved by the Department prior to importing the materials to the site.

Please submit the proper PE stamped version of the RAWP before work begins next week Monday. Also, please confirm what company Steven Turybury works for and his contact information for our records (title, email, phone number, office location).

Thanks,

**Michael J. Keller, E.I.T.**

Project Manager

Division of Environmental Remediation

**New York State Department of Environmental Conservation**

700 Delaware Ave., Buffalo, NY 14209

P: (716) 851-7218

michael.keller@dec.ny.gov

NEW YORK STATE | Department of Environmental Conservation

**Bruce Ahrens** <bahrens@leaderlink.com> Thu, Jul 11, 2024 at 11:21 AM
To: Frank Thomas <FThomas@sesslerenv.com>

Frank-
apparently we need to submit a request to the DEC prior to importing backfill materials.
Let's discuss.
thanks!
Bruce
[Quoted text hidden]
--
Bruce W. Ahrens
Senior Project Manager
Leader Professional Services, Inc.
585.248.2413 (office)
518.669.8246 (cellular)
bahrens@leaderlink.com

---

**Bruce Ahrens** <bahrens@leaderlink.com> Fri, Jul 12, 2024 at 9:32 AM
To: Frank Thomas <FThomas@sesslerenv.com>

Frank-
FYI- see 1st paragraph below.
Bruce

---------- Forwarded message ---------
From: **Keller, Michael J (DEC)** <Michael.Keller@dec.ny.gov>
Date: Thu, Jul 11, 2024 at 10:44 AM
Subject: Bisonite Paint Site (#C915010)
To: Bruce Ahrens <bahrens@leaderlink.com>
Cc: mrumrill@leaderlink.com <mrumrill@leaderlink.com>, Vaccaro, Joshua M (DEC) <Joshua.Vaccaro@dec.ny.gov>, Demo, Bradley W (DEC) <Bradley.Demo@dec.ny.gov>, Mcpherson, Benjamin J (DEC) <benjamin.mcpherson@dec.ny.gov>

[Quoted text hidden]

[Quoted text hidden]

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

**Division of Materials Management, Region 9**
700 Delaware Avenue, Buffalo, NY 14209
P: (716) 851-7220 | F: (716) 851-7226
www.dec.ny.gov

August 28, 2024

Rhonda Gora
Special Waste Coordinator
Republic Services
1220 Commerce St SW
Conover, NC 28613

Dear Rhonda Gora:

Tonawanda Storage Properties,
Former Bisonite Paint
2266 Military Road, Tonawanda, NY 14150
Non Hazardous Soil
Application #4848

The Department has reviewed the above referenced application for treatment or Disposal of an Industrial Waste Stream (Form 47-17-7). Based on the information provided, this waste stream is **approved for an additional 1000 tons, for a total of 2000 tons for disposal at the Allied Waste Niagara Falls Landfill** in Niagara Falls, New York. This approval expires February 21, 2027.

You have also requested that this material be approved for alternate daily cover (ADC). Based on the analytical data submitted with this application, this material appears to be acceptable for this purpose. This letter shall serve notice that the above referenced material has been approved for use as an ADC at your facility. Please note; material shall not contain free liquids.

As with all daily covers, these materials must be spread in six-inch layers unless otherwise pre-approved and they must control vectors, fires, blowing litter, odors and scavenging. Furthermore, the use of ADCs must not in itself produce nuisances (e.g. dusting and odors). In the event that nuisances do develop, this approval will be rescinded. In addition, runoff from the ADCs must be collected by the landfill's leachate collection system and tracking of the material out of the landfill footprint must be prevented. It is also understood that ADCs are not to be reused after initial placement. Finally, the ADC shall be used where it will be covered by the next day's waste or by clean soil.

Temporary storage of the ADC material is acceptable, provided that the following conditions are met. The storage area must be on an active portion of the landfill that allows run-off from the stockpile to be collected in the leachate collection system. The storage area should be located away from truck and equipment traffic to prevent tracking of the stockpiled material. Stockpiles should not be created next to slopes which may promote the dispersion of the ADC material due to erosion of the stockpile. Also, stockpiled material must not produce any nuisances (e.g. dusting or odors). If nuisances do develop, the stockpiled material must be promptly disposed in the landfill. Stockpiles of ADC should, in no way, interfere with the normal daily operation of the landfill. Finally, the amount and length of storage for ADCs should be minimized.

Should you have any questions, please contact this office at 716-851-7220.

Sincerely,

Matthew Slominski

Matthew Slominski
Assistant Engineer

ec: Beverly Lewinski, P.E., Professional Engineer 1, NYSDEC

Rhonda Gora addtl 1000 tons (1000+1000) = 2000tons 08/27/2024

Received: 8/22/2024 MRS
Approved: 8/28/2024

47-19-7 (10/86) - Text 12 (E-Reproduction)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE • BUREAU OF HAZARDOUS WASTE OPERATIONS
50 WOLF ROAD, ALBANY, NEW YORK 12233-4017

# APPLICATION FOR TREATMENT OR DISPOSAL OF AN INDUSTRIAL WASTE STREAM

SEE APPLICATION INSTRUCTIONS ON REVERSE SIDE

| FOR STATE USE ONLY | | |
|---|---|---|
| SITE NO. 32S11 | APPLICATION NO. 4848 | DATE RECEIVED 2/21/2024 |
| DEPARTMENT ACTION ☒ Approved ☐ Disapproved MRS | | DATE 2/21/2024 |

| | | |
|---|---|---|
| 1. NAME OF PROJECT/FACILITY<br>**Allied Niagara Falls Landfill Facility** | 2. COUNTY<br>**Niagara County** | 3. SITE NUMBER<br>**32S11** |
| 4. NAME OF OWNER<br>**Allied Waste Systems** | 5. ADDRESS (Street, City, State, Zip Code)<br>**5600 Niagara Falls Blvd., Niagara Falls, New York 14304-0354** | 6. TELEPHONE NO.<br>**(716) 285-3344** |
| 7. NAME OF OPERATOR<br>**Allied Waste Systems** | 8. ADDRESS (Street, City, State, Zip Code)<br>**Same as Section 5 above** | 9. TELEPHONE NO.<br>**(716) 285-3344** |

10. METHOD OF TREATMENT OR DISPOSAL
**Sanitary Landfill**
**Disposal Code D90**

| | | |
|---|---|---|
| 11. COMPANY GENERATING WASTE<br>**Tonawanda Storage/Former Bisonite Paint Manufact** | 12. ADDRESS OF FACILITY GENERATING WASTE (Street, City, State, Zip Code)<br>**2266 Military Road, Tonawanda, NY 14150** | |
| 13. REPRESENTATIVE OF WASTE GENERATOR<br>**John Stevens** | 14. MAILING ADDRESS OF REPRESENTATIVE<br>**2250 Military Rd, Tonawanda, NY 14150** | 15. TELEPHONE NO.<br>**(716 )585-223-6040** |

16. DESCRIPTION OF PROCESS PRODUCING WASTE
**From removal of a soil berm and paint lagoon soils**

| | | |
|---|---|---|
| 17. EXPECTED ANNUAL WASTE PRODUCTION<br>**1000** Tons/Year _____ Gallons/Year | 18. WASTE HAULED IN<br>☐ Drums ☐ Bulk Tank ☐ Roll-Off Container X Other **Dumps** | |
| 19. WASTE COMPOSITION<br>19a. Average Percent Solids **100** | 19b. PHYSICAL STATE<br>☐ Liquid ☐ Slurry ☐ Sludge X Solid ☐ Contained Gas | 19c. pH Range<br>**5** to **9** |

| 19. COMPONENTS | CONCENTRATION (Dry Weight) Upper | Lower | Typical | UNIT (Check One) Wt.% | PPM |
|---|---|---|---|---|---|
| 1) **Non Hazardous Soil** | | | **100** | X | ☐ |
| 2) | | | | ☐ | ☐ |
| 3) | | | | ☐ | ☐ |
| 4) | | | | ☐ | ☐ |

| | | |
|---|---|---|
| 20. IS AN ANALYSIS OF WASTE ATTACHED?<br>X Yes ☐ No | 21. WAS A TCLP TEST CONDUCTED ON THE WASTE?<br>X Yes ☐ No If "Yes", attach results | 22. MATERIAL IS:<br>☐ Hazardous X Non-Hazardous |

23. DETAIL ALL HAZARD AND NUISANCE PROBLEMS ASSOCIATED WITH THE WASTES. List necessary safety, handling, treatment, and disposal precautions.
**None**

24. WHERE WAS MATERIAL DISPOSED OF PREVIOUSLY?
**N/A**

| | | | |
|---|---|---|---|
| 25. NAME OF WASTE TRANSPORTER<br>***Swan Trucking West Inc.*** | 26. ADDRESS (Street, City, State, Zip Code)<br>**77 W Drullard Ave., Lancaster, NY 14086** | 27. NYSDEC PERMIT NO.<br>**9A 953** | 28. TELEPHONE NO.<br>**( 716 )681-3386** |

29. CERTIFICATION
I hereby affirm under penalty of perjury that information provided on this form and attached statements and exhibits is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

| | |
|---|---|
| a. SIGNATURE AND TITLE OF REPRESENTATIVE OF WASTE GENERATOR<br>Travis L Lomos PM on behalf of Tonawanda Storage Properties | DATE<br>2/19/24 |
| b. SIGNATURE AND TITLE OF REPRESENTATIVE OF TREATMENT OR DISPOSAL FACILITY<br>Bernadette Wilson Bernadette Wilson / Special Waste Coordinator | DATE<br>2/21/2024 |

# Special Waste Profile – Change

REPUBLIC SERVICES

## I. Generator Information

*This form may be used to request changes to an existing Special Waste Profile.*

Generator Name: Tonawanda Storage Properties/Former Bisonite Paint Manufacturing

Name of Waste: Non Hazardous Soil  Waste Profile #: 4215242607

## II. Purpose of Change

*Description of change requested and reason for change*
*(provide detailed explanation of why the change is requested following the appropriate checked box below).*

Increase tonnage for disposal an additional 1000 tons, because of underestimation of original tonnage for disposal.

☑ Volume Increase By: 1000

***Is the analysis originally submitted with the Profile representative of the volume increase?*** ☑ Yes ☐ No ***If no, complete Section III below.***

☐ Extend Expiration Date:

☐ Change or Add Landfill

☐ Add Additional Laboratory Reports: ***Complete Representative Sample Certification (Section III) below.***

☐ Add MSDS:

☐ Generator Name Change:

☐ Other:

## III. Representative Sample Certification

☑ No Sample Taken

☐ Sample Taken  Type of Sample --Select Sample Type--

Is the representative sample collected to prepare this profile and laboratory analysis collected in accordance with U.S. EPA 40 CF 261.20(c) guidelines or equivalent? ☐ Yes ☐ No

Sample Date:

Sample ID Numbers:

Initial here FRT

# Special Waste Profile – Change

REPUBLIC SERVICES

**IV. Certification**

*I hereby certify that I have knowledge about the waste material being offered for disposal ("Waste") and have the requisite authority to bind the Generator to the information contained in this Special Waste Profile – Change form ("Change Form"). I further certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of all changes to the Waste since its last approved Profile and all known or suspected hazards have been disclosed. All Analytical Results/Safety Data Sheets submitted are truthful and complete and are representative of the Waste.*

*Our Company hereby agrees to fully indemnify this Disposal Facility against any damages resulting from this Change Form or Certification being inaccurate or untrue. I understand that by attaching an electronic signature, I am signing this document and Company consents to complete this transaction and receive all related communications electronically, and agrees this document will be binding as though it had been physically signed. A printout of this Change Form may be accepted with the same authority as the original.*

| Frank Thomas | Project Mgr. | Sessler Environmental Ser |
|---|---|---|
| Authorized Representative Name (Printed) | Title (Printed) | Company Name |
| Representative Signature | | 8/21/24 |
| | | Date |

# Third Party Signature Authorization For Special Waste Disposal

REPUBLIC SERVICES

Date: 2/15/2024

Profile Number:

***This Authorization is only valid for 3 years from the above date.***

For office use only.

To Whom It May Concern:

Please be advised that the following company/individual has been appointed to work as our agent for purposes of managing waste materials that we may generate.

Name of Waste: Contaminated Soil

Frank Thomas
Name of Authorized Agent

Project Manager
Title

Sessler Environmental Services
Name of Company

585-617-5710
Telephone Number

The above broker/individual is authorized to act as our authorized agent for the following purposes:

- ☑ Complete and sign Special Waste Profile
- ☑ Complete and sign Special Waste Profile-Recertification
- ☑ Authorize amendments to Special Waste Profile
- ☑ Sign contracts to dispose and/or transport material
- ☑ Sign certifications necessary to comply with landfill requirements
- ☑ Sign manifests to initiate shipment to disposal facilities

***I hereby certify that I have the requisite authority to grant agency authority on the behalf of Company to the Authorized Agent identified on this Third Party Signature Authorization form ("Authorization"). Our Authorized Agent will notify Company prior to taking any of the actions authorized above and will provide Company with copies of any documents bearing Company's name.***

***I understand that by attaching an electronic signature, I am signing this document and Company consents to complete this transaction and receive all related communications electronically, and agrees this document will be binding as though it had been physically signed. A printout of this Authorization may be accepted with the same authority as the original.***

Tonawanda Storage Properties, LLC
Name of Company

2250 Military Road, Tonawanda, NY 14150
Mailing Address

John Stevens
Generator Contact (Print Name)

Owner
Title

Signature

585-233-6040
Telephone Number

December 05, 2023 Service Request No:R2310212

Frank Thomas
Sessler Environmental Services
1330 Research Forest
Macedon, NY 14502

**Laboratory Results for: Bisonite Paint**

Dear Frank,

Enclosed are the results of the sample(s) submitted to our laboratory November 02, 2023
For your reference, these analyses have been assigned our service request number **R2310212.**

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7472. You may also contact me via email at Janice.Jaeger@alsglobal.com.

Respectfully submitted,

**ALS Group USA, Corp. dba ALS Environmental**



Janice Jaeger
Project Manager

CC: Accounts Payable

ADDRESS 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
PHONE +1 585 288 5380 | FAX +1 585 288 8475
ALS Group USA, Corp.
dba ALS Environmental

# Narrative Documents

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint
**Sample Matrix:** Soil

**Service Request:** R2310212
**Date Received:** 11/02/2023

## CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

**Sample Receipt:**

One soil sample was received for analysis at ALS Environmental on 11/02/2023. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

**Semivolatiles by GC/MS:**

Method 8270D, 11/17/2023: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

**Semivoa GC:**

Method 8081B, 11/27/2023: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
The RPD between the LCS and the LCSD was greater than the RPD limit. The percent recovery limit was met for both the LCS and the LCSD.

**Metals:**

No significant anomalies were noted with this analysis.

**General Chemistry:**

No significant anomalies were noted with this analysis.

**Subcontracted Analytical Parameters:**

No significant anomalies were noted with this analysis.

**Volatiles by GC/MS:**

Method 8260C, 11/22/2023: The upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.

Approved by _____ Date 12/05/2023

## SAMPLE DETECTION SUMMARY

This form includes only detections above the reporting levels. For a full listing of sample results, continue to the Sample Results section of this Report.

| CLIENT ID: Logoon Comp 1 | | | Lab ID: R2310212-001 | | | |
|---|---|---|---|---|---|---|
| **Analyte** | **Results** | **Flag** | **MDL** | **MRL** | **Units** | **Method** |
| Barium | 1.5 | | | 1.0 | mg/L | 6010C |
| Lead | 1.73 | | | 0.10 | mg/L | 6010C |
| pH | 7.90 | | | | pH Units | 9045D |

# Sample Receipt Information

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

**Client:** Sessler Environmental Services **Service Request:**R2310212
**Project:** Bisonite Paint/23-E789

## SAMPLE CROSS-REFERENCE

| SAMPLE # | CLIENT SAMPLE ID | DATE | TIME |
|---|---|---|---|
| R2310212-001 | Logoon Comp 1 | 11/1/2023 | 1230 |

# Chain of Custody / Analytical Request Form

75895

SR#:

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 • +1 585 288 5380 • alsglobal.com

Page 8 of 8

**Report To:**

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER

Company: Sessler Environmental
Contact: Frank Thomas
Email: fthomas@sesslerenv.com
Phone: 585-617-5710
Address: 1330 Research Forest, Macedon, NY 14502

Project Name: Bisonite Paint / Tonawanda Storage
Project Number: 23-E789
ALS Quote #:
Sampler's Signature: Frank Thomas
Email CC: fthomas@sesslerenv.com
Email CC:
State Samples Collected (Circle or Write): NY, MA, PA, CT, Other:

Preservative: 0. None; 1. HCl; 2. HNO3; 3. H2SO4; 4. NAOH; 5. Zn Acet.; 6. MeOH; 7. NaHSO4; 8. Other 40

| Lab ID (ALS) | Sample ID: | Date | Time | Matrix (GW, WW, SW, DW, S, L, NA) | Number of Containers | MS/MSD? | GC/MS VOA - 8260•624•524•TCLP | GC/MS SVOA - 8270 • 625 • TCLP | Pesticides - 8081 • 608 • TCLP | PCBs - 8082 • 608 | Herbicides - 8151 • TCLP | Metals, Total - Select Below | Metals, Dissolved - Field / In-Lab Filter | FULL RCRA TCLP | SVOCs, PCBs, TAL Metals, Sulfide, pH | TCL VOCs + CPS1 TCLP | TCL VOCs + CPS1 | Ignitability, Reactivity | | Notes: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Lagoon Comp 1 | 11/1/23 | 12:30 | S | 5 | | | | | | | | | X | X | X | X | X | | |

Special Instructions / Comments:

**Turnaround Requirements**

____Rush (Surcharges Apply)
*Subject to Availability*
*Please Check with your PM*
✓ Standard (10 Business Days)
Date Required: on or before 11/22

**Report Requirements**

____Tier II/Cat A -Results/QC
____Tier IV/Cat B - Data Validation Report w/. Data
EDD: ____Yes ✓No
EDD Type:

Metals: RCRA • PP 13 • TAL 23 • TCLP • Other (List)

R2310212 5
Sessler Environmental Services
Bisonite Paint

PO #: 23-E789
Company: Sessler Env.
Contact: Justin Marullo
Email: APe sesslerenv.com
Phone: 585-617-5710
Address: Macedon

| | Relinquished By: | Received By: | Relinquished By: | Received By: | Relinquished By: | Received By: |
|---|---|---|---|---|---|---|
| Signature | Frank Thomas | | | | | |
| Printed Name | Frank Thomas | Gregory D. Fomerman | | | | |
| Company | Sessler | ALS | | | | |
| Date/Time | 11/2 15:10 | 11/2/23 1511D | | | | |

Distribution: White - Lab Copy; Yellow - Return to Originator



© 2012 by ALS Group

# Cooler Receipt and Preservati

R2310212 5
Sessler Environmental Services
Bisonite Paint

Project/Client Sessler Env. Folder Number

Cooler received on 11/2/23 by: JE

COURIER: ALS UPS FEDEX VELOCITY (CLIENT)

| | | | | | |
|---|---|---|---|---|---|
| 1 | Were **Custody seals** on outside of cooler? | Y (N) | 5a | **Perchlorate** samples have required headspace? | Y N (NA) |
| 2 | **Custody papers** properly completed (ink, signed)? | (Y) N | 5b | Did VOA vials, Alk,or Sulfide have sig* **bubbles**? | Y N (NA) |
| 3 | Did all bottles arrive in good **condition** (unbroken)? | (Y) N | 6 | Where did the bottles originate? | (ALS/ROC) CLIENT |
| 4 | Circle: **Wet Ice Dry Ice Gel packs** present? | Y (N) | 7 | Soil VOA received as: Bulk Encore 5035set | (NA) |

8. Temperature Readings Date: 11/2/23 Time: 15:11 ID: IR#12 (IR#11) From: Temp Blank (Sample Bottle)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Observed Temp (°C) | 12.7 | | | | | | |
| Within 0-6°C? | Y (N) | Y N | Y N | Y N | Y N | Y N | Y N |
| If <0°C, were samples frozen? | Y N | Y N | Y N | Y N | Y N | Y N | Y N |

**If out of Temperature, note packing/ice condition:** _____ Ice melted Poorly Packed (described below) Same Day Rule

**&Client Approval to Run Samples:** _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: R-007 by JE on 11/2/23 at 15:13
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 11/3/23 Time: 1525 by: RR

9. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? (YES) NO
10. Did all bottle labels and tags agree with custody papers? (YES) NO
11. Were correct containers used for the tests indicated? (YES) NO
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO (N/A)
13. Were dissolved metals filtered in the field? YES NO (N/A)
14. Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized Tedlar® Bags Inflated (N/A)

| pH | Lot of test paper | Reagent | Preserved? Yes | Preserved? No | Lot Received | Exp | Sample ID Adjusted | Vol. Added | Lot Added | Final pH |
|---|---|---|---|---|---|---|---|---|---|---|
| ≥12 | | NaOH | | | | | | | | |
| ≤2 | | $HNO_3$ | | | | | | | | |
| ≤2 | | $H_2SO_4$ | | | | | | | | |
| <4 | | $NaHSO_4$ | | | | | | | | |
| 5-9 | | For 608pest | | | No=Notify for 3day | | | | | |
| Residual Chlorine (-) | | For CN, Phenol, 625, 608pest, 522 | | | If +, contact PM to add $Na_2S_2O_3$ (625, 608, CN), ascorbic (phenol). | | | | | |
| | | $Na_2S_2O_3$ | | | | | | | | |
| | | ZnAcetate | - | - | | | **VOAs and 1664 Not to be tested before analysis. Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives). | | | |
| | | HCl | ** | ** | | | | | | |

Bottle lot numbers: 041023-ITW, 100223-ISR
Explain all Discrepancies/ Other Comments:

| | |
|---|---|
| HPROD | BULK |
| HTR | FLDT |
| SUB | HGFB |
| ALS | LL3541 |

Labels secondary reviewed by: RR
PC Secondary Review: JMS 11/4/23

*significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

# Miscellaneous Forms

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# REPORT QUALIFIERS AND DEFINITIONS

| | |
|---|---|
| U | Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative. |
| J | Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors). |
| B | Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result. |
| E | Inorganics- Concentration is estimated due to the serial dilution was outside control limits. |
| E | Organics- Concentration has exceeded the calibration range for that specific analysis. |
| D | Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed. |
| * | Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time. |
| H | Analysis was performed out of hold time for tests that have an "immediate" hold time criteria. |
| # | Spike was diluted out. |
| + | Correlation coefficient for MSA is <0.995. |
| N | Inorganics- Matrix spike recovery was outside laboratory limits. |
| N | Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search. |
| S | Concentration has been determined using Method of Standard Additions (MSA). |
| W | Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance. |
| P | Concentration >40% difference between the two GC columns. |
| C | Confirmed by GC/MS |
| Q | DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns). |
| X | See Case Narrative for discussion. |
| MRL<br>LOQ | Method Reporting Limit. Also known as:<br>Limit of Quantitation (LOQ)<br>The lowest concentration at which the method analyte may be reliably quantified under the method conditions. |
| MDL | Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier). |
| LOD | Limit of Detection. A value at or above the MDL which has been verified to be detectable. |
| ND | Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier. |

## Rochester Lab ID # for State Accreditations[1]

| NELAP States |
|---|
| Florida ID # E87674 |
| New Hampshire ID # 2941 |
| New York ID # 10145 |
| Pennsylvania ID# 68-786 |
| Virginia #460167 |

| Non-NELAP States |
|---|
| Connecticut ID #PH0556 |
| Delaware Approved |
| Maine ID #NY01587 |
| North Carolina #36701 |
| North Carolina #676 |
| Rhode Island LAO00333 |

[1] Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory. To verify NH accredited analytes, go to https://www4.des.state.nh.us/CertifiedLabs/Certified-Method.aspx.

# ALS Laboratory Group

**Acronyms**

| | |
|---|---|
| ASTM | American Society for Testing and Materials |
| A2LA | American Association for Laboratory Accreditation |
| CARB | California Air Resources Board |
| CAS Number | Chemical Abstract Service registry Number |
| CFC | Chlorofluorocarbon |
| CFU | Colony-Forming Unit |
| DEC | Department of Environmental Conservation |
| DEQ | Department of Environmental Quality |
| DHS | Department of Health Services |
| DOE | Department of Ecology |
| DOH | Department of Health |
| EPA | U. S. Environmental Protection Agency |
| ELAP | Environmental Laboratory Accreditation Program |
| GC | Gas Chromatography |
| GC/MS | Gas Chromatography/Mass Spectrometry |
| LUFT | Leaking Underground Fuel Tank |
| M | Modified |
| MCL | Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA. |
| MDL | Method Detection Limit |
| MPN | Most Probable Number |
| MRL | Method Reporting Limit |
| NA | Not Applicable |
| NC | Not Calculated |
| NCASI | National Council of the Paper Industry for Air and Stream Improvement |
| ND | Not Detected |
| NIOSH | National Institute for Occupational Safety and Health |
| PQL | Practical Quantitation Limit |
| RCRA | Resource Conservation and Recovery Act |
| SIM | Selected Ion Monitoring |
| TPH | Total Petroleum Hydrocarbons |
| tr | Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL. |

Analyst Summary report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | | |

| | | | |
|---|---|---|---|
| **Sample Name:** | Logoon Comp 1 | **Date Collected:** | 11/1/23 |
| **Lab Code:** | R2310212-001 | **Date Received:** | 11/2/23 |
| **Sample Matrix:** | Soil | | |

| Analysis Method | Extracted/Digested By | Analyzed By |
|---|---|---|
| 6010C | CDISTEFANO | NMANSEN |
| 7470A | ECASTROVINCI | ECASTROVINCI |
| 8081B | EDEGRAY | AFELSER |
| 8151A | AFELSER | AFELSER |
| 8260C | | FNAEGLER |
| 8270D | EDEGRAY | AMOSES |
| 9045D | | SBIRNBERG |

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

**Water/Liquid Matrix**

| Analytical Method | Preparation Method |
|---|---|
| 200.7 | 200.2 |
| 200.8 | 200.2 |
| 6010C | 3005A/3010A |
| 6020A | ILM05.3 |
| 9034 Sulfide Acid Soluble | 9030B |
| SM 4500-CN-E Residual Cyanide | SM 4500-CN-G |
| SM 4500-CN-E WAD Cyanide | SM 4500-CN-I |

**Solid/Soil/Non-Aqueous Matrix**

| Analytical Method | Preparation Method |
|---|---|
| 6010C | 3050B |
| 6020A | 3050B |
| 6010C TCLP (1311) extract | 3005A/3010A |
| 6010 SPLP (1312) extract | 3005A/3010A |
| 7199 | 3060A |
| 300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions | DI extraction |
| For analytical methods not listed, the preparation method is the same as the analytical method reference. | |

# Sample Results

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# Volatile Organic Compounds by GC/MS

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Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | 11/01/23 12:30 |
| **Sample Matrix:** | Soil | **Date Received:** | 11/02/23 15:10 |
| **Sample Name:** | Logoon Comp 1 | **Units:** | ug/L |
| **Lab Code:** | R2310212-001 | **Basis:** | As Received |

## TCLP Volatile Organics by GC/MS

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8260C | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 5030C | **Pre-Prep Date:** | 11/13/23 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Q |
|---|---|---|---|---|---|
| Vinyl Chloride | 50 U | 50 | 10 | 11/22/23 18:37 | |
| 1,1-Dichloroethene (1,1-DCE) | 50 U | 50 | 10 | 11/22/23 18:37 | |
| 2-Butanone (MEK) | 100 U | 100 | 10 | 11/22/23 18:37 | |
| Chloroform | 50 U | 50 | 10 | 11/22/23 18:37 | |
| Carbon Tetrachloride | 50 U | 50 | 10 | 11/22/23 18:37 | |
| Benzene | 50 U | 50 | 10 | 11/22/23 18:37 | |
| 1,2-Dichloroethane | 50 U | 50 | 10 | 11/22/23 18:37 | |
| Trichloroethene (TCE) | 50 U | 50 | 10 | 11/22/23 18:37 | |
| Tetrachloroethene (PCE) | 50 U | 50 | 10 | 11/22/23 18:37 | |
| Chlorobenzene | 50 U | 50 | 10 | 11/22/23 18:37 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Dibromofluoromethane | 99 | 80 - 116 | 11/22/23 18:37 | |
| Toluene-d8 | 99 | 87 - 121 | 11/22/23 18:37 | |
| 4-Bromofluorobenzene | 102 | 85 - 122 | 11/22/23 18:37 | |

# Semivolatile Organic Compounds by GC/MS

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Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | 11/01/23 12:30 |
| **Sample Matrix:** | Soil | **Date Received:** | 11/02/23 15:10 |
| **Sample Name:** | Logoon Comp 1 | **Units:** | ug/L |
| **Lab Code:** | R2310212-001 | **Basis:** | As Received |

## TCLP Semivolatile Organic Compounds by GC/MS

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8270D | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 3510C | **Pre-Prep Date:** | 11/11/23 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 1,4-Dichlorobenzene | 100 U | 100 | 1 | 11/17/23 15:57 | 11/16/23 | |
| 2,4,5-Trichlorophenol | 100 U | 100 | 1 | 11/17/23 15:57 | 11/16/23 | |
| 2,4,6-Trichlorophenol | 100 U | 100 | 1 | 11/17/23 15:57 | 11/16/23 | |
| 2,4-Dinitrotoluene | 100 U | 100 | 1 | 11/17/23 15:57 | 11/16/23 | |
| 2-Methylphenol | 100 U | 100 | 1 | 11/17/23 15:57 | 11/16/23 | |
| 3- and 4-Methylphenol Coelution | 100 U | 100 | 1 | 11/17/23 15:57 | 11/16/23 | |
| Hexachlorobenzene | 100 U | 100 | 1 | 11/17/23 15:57 | 11/16/23 | |
| Hexachlorobutadiene | 100 U | 100 | 1 | 11/17/23 15:57 | 11/16/23 | |
| Hexachloroethane | 100 U | 100 | 1 | 11/17/23 15:57 | 11/16/23 | |
| Nitrobenzene | 100 U | 100 | 1 | 11/17/23 15:57 | 11/16/23 | |
| Pentachlorophenol (PCP) | 500 U | 500 | 1 | 11/17/23 15:57 | 11/16/23 | |
| Pyridine | 500 U | 500 | 1 | 11/17/23 15:57 | 11/16/23 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 2,4,6-Tribromophenol | 44 | 35 - 141 | 11/17/23 15:57 | |
| 2-Fluorobiphenyl | 52 | 31 - 118 | 11/17/23 15:57 | |
| 2-Fluorophenol | 39 | 10 - 105 | 11/17/23 15:57 | |
| Nitrobenzene-d5 | 56 | 31 - 110 | 11/17/23 15:57 | |
| Phenol-d6 | 27 | 10 - 107 | 11/17/23 15:57 | |
| p-Terphenyl-d14 | 62 | 10 - 165 | 11/17/23 15:57 | |

# Semivolatile Organic Compounds by GC

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| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | 11/01/23 12:30 |
| **Sample Matrix:** | Soil | **Date Received:** | 11/02/23 15:10 |
| **Sample Name:** | Logoon Comp 1 | **Units:** | ug/L |
| **Lab Code:** | R2310212-001 | **Basis:** | As Received |

## TCLP Organochlorine Pesticides by Gas Chromatography

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8081B | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 3510C | **Pre-Prep Date:** | 11/11/23 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| Chlordane | 2.5 U | 2.5 | 1 | 11/27/23 14:18 | 11/15/23 | |
| Endrin | 0.50 U | 0.50 | 1 | 11/27/23 14:18 | 11/15/23 | |
| gamma-BHC (Lindane) | 0.50 U | 0.50 | 1 | 11/27/23 14:18 | 11/15/23 | |
| Heptachlor | 0.50 U | 0.50 | 1 | 11/27/23 14:18 | 11/15/23 | |
| Heptachlor Epoxide | 0.50 U | 0.50 | 1 | 11/27/23 14:18 | 11/15/23 | |
| Methoxychlor | 0.50 U | 0.50 | 1 | 11/27/23 14:18 | 11/15/23 | |
| Toxaphene | 5.0 U | 5.0 | 1 | 11/27/23 14:18 | 11/15/23 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Decachlorobiphenyl | 40 | 10 - 111 | 11/27/23 14:18 | |
| Tetrachloro-m-xylene | 61 | 10 - 101 | 11/27/23 14:18 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | 11/01/23 12:30 |
| **Sample Matrix:** | Soil | **Date Received:** | 11/02/23 15:10 |
| **Sample Name:** | Logoon Comp 1 | **Units:** | ug/L |
| **Lab Code:** | R2310212-001 | **Basis:** | As Received |

## TCLP Chlorinated Herbicides by GC

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8151A | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | Method | **Pre-Prep Date:** | 11/11/23 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 2,4-D | 5.0 U | 5.0 | 1 | 11/14/23 21:43 | 11/13/23 | |
| 2,4,5-TP (Silvex) | 5.0 U | 5.0 | 1 | 11/14/23 21:43 | 11/13/23 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| DCAA | 69 | 12 - 131 | 11/14/23 21:43 | |

# Metals

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Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | 11/01/23 12:30 |
| **Sample Matrix:** | Soil | **Date Received:** | 11/02/23 15:10 |
| **Sample Name:** | Logoon Comp 1 | **Basis:** | As Received |
| **Lab Code:** | R2310212-001 | | |

**Toxicity Characteristics Leachate Procedure (TCLP)**

**Inorganic Parameters**

**Pre-Prep Method:** EPA 1311

| Analyte Name | Analysis Method | Result | Units | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|
| Arsenic | 6010C | 0.50 U | mg/L | 0.50 | 1 | 11/15/23 04:28 | 11/13/23 | |
| Barium | 6010C | **1.5** | mg/L | 1.0 | 1 | 11/15/23 04:28 | 11/13/23 | |
| Cadmium | 6010C | 0.10 U | mg/L | 0.10 | 1 | 11/15/23 04:28 | 11/13/23 | |
| Chromium | 6010C | 0.10 U | mg/L | 0.10 | 1 | 11/15/23 04:28 | 11/13/23 | |
| Lead | 6010C | **1.73** | mg/L | 0.10 | 1 | 11/15/23 04:28 | 11/13/23 | |
| Mercury | 7470A | 0.00030 U | mg/L | 0.00030 | 1 | 11/15/23 11:27 | 11/14/23 | |
| Selenium | 6010C | 0.50 U | mg/L | 0.50 | 1 | 11/15/23 04:28 | 11/13/23 | |
| Silver | 6010C | 0.10 U | mg/L | 0.10 | 1 | 11/15/23 04:28 | 11/13/23 | |

# General Chemistry

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Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | 11/01/23 12:30 |
| **Sample Matrix:** | Soil | **Date Received:** | 11/02/23 15:10 |
| **Sample Name:** | Logoon Comp 1 | **Basis:** | As Received |
| **Lab Code:** | R2310212-001 | | |

## Inorganic Parameters

| Analyte Name | Analysis Method | Result | Units | MRL | Dil. | Date Analyzed | Q |
|---|---|---|---|---|---|---|---|
| pH | 9045D | **7.90** | pH Units | - | 1 | 11/06/23 16:44 | H |

# QC Summary Forms

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# Volatile Organic Compounds by GC/MS

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**Client:** Sessler Environmental Services **Service Request:** R2310212
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## TCLP Volatile Organics by GC/MS

**Analysis Method:** 8260C
**Extraction Method:** EPA 5030C

| Sample Name | Lab Code | 4-Bromofluorobenzene 85 - 122 | Dibromofluoromethane 80 - 116 | Toluene-d8 87 - 121 |
|---|---|---|---|---|
| Logoon Comp 1 | R2310212-001 | 102 | 99 | 99 |
| Method Blank | RQ2314960-01 | 97 | 99 | 97 |
| Lab Control Sample | RQ2315474-07 | 102 | 102 | 102 |
| Method Blank | RQ2315474-08 | 99 | 98 | 98 |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2314960-01 | **Basis:** | As Received |

## TCLP Volatile Organics by GC/MS

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8260C | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 5030C | **Pre-Prep Date:** | 11/13/23 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Q |
|---|---|---|---|---|---|
| Vinyl Chloride | 5.0 U | 5.0 | 1 | 11/22/23 18:14 | |
| 1,1-Dichloroethene (1,1-DCE) | 5.0 U | 5.0 | 1 | 11/22/23 18:14 | |
| 2-Butanone (MEK) | 10 U | 10 | 1 | 11/22/23 18:14 | |
| Chloroform | 5.0 U | 5.0 | 1 | 11/22/23 18:14 | |
| Carbon Tetrachloride | 5.0 U | 5.0 | 1 | 11/22/23 18:14 | |
| Benzene | 5.0 U | 5.0 | 1 | 11/22/23 18:14 | |
| 1,2-Dichloroethane | 5.0 U | 5.0 | 1 | 11/22/23 18:14 | |
| Trichloroethene (TCE) | 5.0 U | 5.0 | 1 | 11/22/23 18:14 | |
| Tetrachloroethene (PCE) | 5.0 U | 5.0 | 1 | 11/22/23 18:14 | |
| Chlorobenzene | 5.0 U | 5.0 | 1 | 11/22/23 18:14 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Dibromofluoromethane | 99 | 80 - 116 | 11/22/23 18:14 | |
| Toluene-d8 | 97 | 87 - 121 | 11/22/23 18:14 | |
| 4-Bromofluorobenzene | 97 | 85 - 122 | 11/22/23 18:14 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2315474-08 | **Basis:** | As Received |

## TCLP Volatile Organics by GC/MS

**Analysis Method:** 8260C
**Prep Method:** EPA 5030C

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Q |
|---|---|---|---|---|---|
| Vinyl Chloride | 5.0 U | 5.0 | 1 | 11/22/23 12:56 | |
| 1,1-Dichloroethene (1,1-DCE) | 5.0 U | 5.0 | 1 | 11/22/23 12:56 | |
| 2-Butanone (MEK) | 10 U | 10 | 1 | 11/22/23 12:56 | |
| Chloroform | 5.0 U | 5.0 | 1 | 11/22/23 12:56 | |
| Carbon Tetrachloride | 5.0 U | 5.0 | 1 | 11/22/23 12:56 | |
| Benzene | 5.0 U | 5.0 | 1 | 11/22/23 12:56 | |
| 1,2-Dichloroethane | 5.0 U | 5.0 | 1 | 11/22/23 12:56 | |
| Trichloroethene (TCE) | 5.0 U | 5.0 | 1 | 11/22/23 12:56 | |
| Tetrachloroethene (PCE) | 5.0 U | 5.0 | 1 | 11/22/23 12:56 | |
| Chlorobenzene | 5.0 U | 5.0 | 1 | 11/22/23 12:56 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Dibromofluoromethane | 98 | 80 - 116 | 11/22/23 12:56 | |
| Toluene-d8 | 98 | 87 - 121 | 11/22/23 12:56 | |
| 4-Bromofluorobenzene | 99 | 85 - 122 | 11/22/23 12:56 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

**Service Request:** R2310212
**Date Analyzed:** 11/22/23

## Lab Control Sample Summary
## TCLP Volatile Organics by GC/MS

**Units:**ug/L
**Basis:**As Received

**Lab Control Sample**
RQ2315474-07

| Analyte Name | Analytical Method | Result | Spike Amount | % Rec | % Rec Limits |
|---|---|---|---|---|---|
| Vinyl Chloride | 8260C | 18.3 | 20.0 | 91 | 74-159 |
| 1,1-Dichloroethene (1,1-DCE) | 8260C | 20.3 | 20.0 | 102 | 69-142 |
| 2-Butanone (MEK) | 8260C | 16.3 | 20.0 | 82 | 61-137 |
| Chloroform | 8260C | 19.7 | 20.0 | 99 | 79-120 |
| Carbon Tetrachloride | 8260C | 26.1 | 20.0 | 131 * | 70-127 |
| Benzene | 8260C | 21.6 | 20.0 | 108 | 79-119 |
| 1,2-Dichloroethane | 8260C | 20.8 | 20.0 | 104 | 71-127 |
| Trichloroethene (TCE) | 8260C | 20.7 | 20.0 | 103 | 74-122 |
| Tetrachloroethene (PCE) | 8260C | 21.8 | 20.0 | 109 | 72-125 |
| Chlorobenzene | 8260C | 21.6 | 20.0 | 108 | 80-121 |

# Semivolatile Organic Compounds by GC/MS

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

**Client:** Sessler Environmental Services **Service Request:** R2310212
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## TCLP Semivolatile Organic Compounds by GC/MS

**Analysis Method:** 8270D
**Extraction Method:** EPA 3510C

| Sample Name | Lab Code | 2,4,6-Tribromophenol 35 - 141 | 2-Fluorobiphenyl 31 - 118 | 2-Fluorophenol 10 - 105 |
|---|---|---|---|---|
| Logoon Comp 1 | R2310212-001 | 44 | 52 | 39 |
| Method Blank | RQ2314868-01 | 49 | 60 | 43 |
| Method Blank | RQ2315043-04 | 53 | 71 | 51 |
| Lab Control Sample | RQ2315043-05 | 73 | 86 | 59 |
| Duplicate Lab Control Sample | RQ2315043-06 | 58 | 70 | 51 |

**Client:** Sessler Environmental Services **Service Request:** R2310212
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## TCLP Semivolatile Organic Compounds by GC/MS

**Analysis Method:** 8270D
**Extraction Method:** EPA 3510C

| Sample Name | Lab Code | Nitrobenzene-d5 31 - 110 | Phenol-d6 10 - 107 | p-Terphenyl-d14 10 - 165 |
|---|---|---|---|---|
| Logoon Comp 1 | R2310212-001 | 56 | 27 | 62 |
| Method Blank | RQ2314868-01 | 62 | 29 | 71 |
| Method Blank | RQ2315043-04 | 74 | 34 | 86 |
| Lab Control Sample | RQ2315043-05 | 86 | 43 | 96 |
| Duplicate Lab Control Sample | RQ2315043-06 | 71 | 37 | 78 |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2314868-01 | **Basis:** | As Received |

## TCLP Semivolatile Organic Compounds by GC/MS

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8270D | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 3510C | **Pre-Prep Date:** | 11/11/23 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 1,4-Dichlorobenzene | 100 U | 100 | 1 | 11/17/23 17:57 | 11/16/23 | |
| 2,4,5-Trichlorophenol | 100 U | 100 | 1 | 11/17/23 17:57 | 11/16/23 | |
| 2,4,6-Trichlorophenol | 100 U | 100 | 1 | 11/17/23 17:57 | 11/16/23 | |
| 2,4-Dinitrotoluene | 100 U | 100 | 1 | 11/17/23 17:57 | 11/16/23 | |
| 2-Methylphenol | 100 U | 100 | 1 | 11/17/23 17:57 | 11/16/23 | |
| 3- and 4-Methylphenol Coelution | 100 U | 100 | 1 | 11/17/23 17:57 | 11/16/23 | |
| Hexachlorobenzene | 100 U | 100 | 1 | 11/17/23 17:57 | 11/16/23 | |
| Hexachlorobutadiene | 100 U | 100 | 1 | 11/17/23 17:57 | 11/16/23 | |
| Hexachloroethane | 100 U | 100 | 1 | 11/17/23 17:57 | 11/16/23 | |
| Nitrobenzene | 100 U | 100 | 1 | 11/17/23 17:57 | 11/16/23 | |
| Pentachlorophenol (PCP) | 500 U | 500 | 1 | 11/17/23 17:57 | 11/16/23 | |
| Pyridine | 500 U | 500 | 1 | 11/17/23 17:57 | 11/16/23 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 2,4,6-Tribromophenol | 49 | 35 - 141 | 11/17/23 17:57 | |
| 2-Fluorobiphenyl | 60 | 31 - 118 | 11/17/23 17:57 | |
| 2-Fluorophenol | 43 | 10 - 105 | 11/17/23 17:57 | |
| Nitrobenzene-d5 | 62 | 31 - 110 | 11/17/23 17:57 | |
| Phenol-d6 | 29 | 10 - 107 | 11/17/23 17:57 | |
| p-Terphenyl-d14 | 71 | 10 - 165 | 11/17/23 17:57 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2315043-04 | **Basis:** | As Received |

## TCLP Semivolatile Organic Compounds by GC/MS

**Analysis Method:** 8270D
**Prep Method:** EPA 3510C

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 1,4-Dichlorobenzene | 100 U | 100 | 1 | 11/17/23 14:21 | 11/16/23 | |
| 2,4,5-Trichlorophenol | 100 U | 100 | 1 | 11/17/23 14:21 | 11/16/23 | |
| 2,4,6-Trichlorophenol | 100 U | 100 | 1 | 11/17/23 14:21 | 11/16/23 | |
| 2,4-Dinitrotoluene | 100 U | 100 | 1 | 11/17/23 14:21 | 11/16/23 | |
| 2-Methylphenol | 100 U | 100 | 1 | 11/17/23 14:21 | 11/16/23 | |
| 3- and 4-Methylphenol Coelution | 100 U | 100 | 1 | 11/17/23 14:21 | 11/16/23 | |
| Hexachlorobenzene | 100 U | 100 | 1 | 11/17/23 14:21 | 11/16/23 | |
| Hexachlorobutadiene | 100 U | 100 | 1 | 11/17/23 14:21 | 11/16/23 | |
| Hexachloroethane | 100 U | 100 | 1 | 11/17/23 14:21 | 11/16/23 | |
| Nitrobenzene | 100 U | 100 | 1 | 11/17/23 14:21 | 11/16/23 | |
| Pentachlorophenol (PCP) | 500 U | 500 | 1 | 11/17/23 14:21 | 11/16/23 | |
| Pyridine | 500 U | 500 | 1 | 11/17/23 14:21 | 11/16/23 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 2,4,6-Tribromophenol | 53 | 35 - 141 | 11/17/23 14:21 | |
| 2-Fluorobiphenyl | 71 | 31 - 118 | 11/17/23 14:21 | |
| 2-Fluorophenol | 51 | 10 - 105 | 11/17/23 14:21 | |
| Nitrobenzene-d5 | 74 | 31 - 110 | 11/17/23 14:21 | |
| Phenol-d6 | 34 | 10 - 107 | 11/17/23 14:21 | |
| p-Terphenyl-d14 | 86 | 10 - 165 | 11/17/23 14:21 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

**Service Request:** R2310212
**Date Analyzed:** 11/17/23

## Duplicate Lab Control Sample Summary
## TCLP Semivolatile Organic Compounds by GC/MS

**Units:**ug/L
**Basis:**As Received

| | | Lab Control Sample | | | Duplicate Lab Control Sample | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | RQ2315043-05 | | | RQ2315043-06 | | | | | |
| **Analyte Name** | **Analytical Method** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| 1,4-Dichlorobenzene | 8270D | 576 | 800 | 72 | 494 | 800 | 62 | 10-124 | 15 | 30 |
| 2,4,5-Trichlorophenol | 8270D | 739 | 800 | 92 | 581 | 800 | 73 | 48-134 | 24 | 30 |
| 2,4,6-Trichlorophenol | 8270D | 766 | 800 | 96 | 605 | 800 | 76 | 44-135 | 24 | 30 |
| 2,4-Dinitrotoluene | 8270D | 858 | 800 | 107 | 696 | 800 | 87 | 54-130 | 21 | 30 |
| 2-Methylphenol | 8270D | 718 | 800 | 90 | 593 | 800 | 74 | 47-100 | 19 | 30 |
| 3- and 4-Methylphenol Coelution | 8270D | 657 | 800 | 82 | 546 | 800 | 68 | 40-92 | 18 | 30 |
| Hexachlorobenzene | 8270D | 771 | 800 | 96 | 609 | 800 | 76 | 53-123 | 23 | 30 |
| Hexachlorobutadiene | 8270D | 521 | 800 | 65 | 441 | 800 | 55 | 16-95 | 17 | 30 |
| Hexachloroethane | 8270D | 549 | 800 | 69 | 466 | 800 | 58 | 15-92 | 16 | 30 |
| Nitrobenzene | 8270D | 765 | 800 | 96 | 627 | 800 | 78 | 46-108 | 20 | 30 |
| Pentachlorophenol (PCP) | 8270D | 534 | 800 | 67 | 413 J | 800 | 52 | 29-164 | 26 | 30 |
| Pyridine | 8270D | 538 | 800 | 67 | 431 J | 800 | 54 | 10-123 | 22 | 30 |

# Semivolatile Organic Compounds by GC

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

**Client:** Sessler Environmental Services **Service Request:** R2310212
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## TCLP Organochlorine Pesticides by Gas Chromatography

**Analysis Method:** 8081B
**Extraction Method:** EPA 3510C

| Sample Name | Lab Code | Decachlorobiphenyl 10 - 111 | Tetrachloro-m-xylene 10 - 101 |
|---|---|---|---|
| Logoon Comp 1 | R2310212-001 | 40 | 61 |
| Method Blank | RQ2314868-01 | 66 | 59 |
| Method Blank | RQ2315042-04 | 72 | 70 |
| Lab Control Sample | RQ2315042-05 | 63 | 66 |
| Duplicate Lab Control Sample | RQ2315042-06 | 70 | 67 |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2314868-01 | **Basis:** | As Received |

## TCLP Organochlorine Pesticides by Gas Chromatography

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8081B | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 3510C | **Pre-Prep Date:** | 11/11/23 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| Chlordane | 2.5 U | 2.5 | 1 | 11/27/23 15:47 | 11/15/23 | |
| Endrin | 0.50 U | 0.50 | 1 | 11/27/23 15:47 | 11/15/23 | |
| gamma-BHC (Lindane) | 0.50 U | 0.50 | 1 | 11/27/23 15:47 | 11/15/23 | |
| Heptachlor | 0.50 U | 0.50 | 1 | 11/27/23 15:47 | 11/15/23 | |
| Heptachlor Epoxide | 0.50 U | 0.50 | 1 | 11/27/23 15:47 | 11/15/23 | |
| Methoxychlor | 0.50 U | 0.50 | 1 | 11/27/23 15:47 | 11/15/23 | |
| Toxaphene | 5.0 U | 5.0 | 1 | 11/27/23 15:47 | 11/15/23 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Decachlorobiphenyl | 66 | 10 - 111 | 11/27/23 15:47 | |
| Tetrachloro-m-xylene | 59 | 10 - 101 | 11/27/23 15:47 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2315042-04 | **Basis:** | As Received |

## TCLP Organochlorine Pesticides by Gas Chromatography

**Analysis Method:** 8081B
**Prep Method:** EPA 3510C

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| Chlordane | 2.5 U | 2.5 | 1 | 11/27/23 13:08 | 11/15/23 | |
| Endrin | 0.50 U | 0.50 | 1 | 11/27/23 13:08 | 11/15/23 | |
| gamma-BHC (Lindane) | 0.50 U | 0.50 | 1 | 11/27/23 13:08 | 11/15/23 | |
| Heptachlor | 0.50 U | 0.50 | 1 | 11/27/23 13:08 | 11/15/23 | |
| Heptachlor Epoxide | 0.50 U | 0.50 | 1 | 11/27/23 13:08 | 11/15/23 | |
| Methoxychlor | 0.50 U | 0.50 | 1 | 11/27/23 13:08 | 11/15/23 | |
| Toxaphene | 5.0 U | 5.0 | 1 | 11/27/23 13:08 | 11/15/23 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Decachlorobiphenyl | 72 | 10 - 111 | 11/27/23 13:08 | |
| Tetrachloro-m-xylene | 70 | 10 - 101 | 11/27/23 13:08 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

**Service Request:** R2310212
**Date Analyzed:** 11/27/23

## Duplicate Lab Control Sample Summary
## TCLP Organochlorine Pesticides by Gas Chromatography

**Units:**ug/L
**Basis:**As Received

| | | Lab Control Sample | | | Duplicate Lab Control Sample | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | RQ2315042-05 | | | RQ2315042-06 | | | | | |
| **Analyte Name** | **Analytical Method** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| Endrin | 8081B | 4.16 | 4.00 | 104 | 4.09 | 4.00 | 102 | 47-116 | 2 | 30 |
| gamma-BHC (Lindane) | 8081B | 3.81 | 4.00 | 95 | 3.75 | 4.00 | 94 | 41-105 | 2 | 30 |
| Heptachlor | 8081B | 3.63 | 4.00 | 91 | 3.63 | 4.00 | 91 | 33-99 | <1 | 30 |
| Heptachlor Epoxide | 8081B | 3.76 | 4.00 | 94 | 3.75 | 4.00 | 94 | 46-111 | <1 | 30 |
| Methoxychlor | 8081B | 4.16 | 4.00 | 104 | 4.48 | 4.00 | 112 | 29-138 | 8 | 30 |

**Client:** Sessler Environmental Services **Service Request:** R2310212
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## TCLP Chlorinated Herbicides by GC

**Analysis Method:** 8151A
**Extraction Method:** Method

| Sample Name | Lab Code | DCAA 12 - 131 |
|---|---|---|
| Logoon Comp 1 | R2310212-001 | 69 |
| Method Blank | RQ2314868-01 | 60 |
| Method Blank | RQ2314913-01 | 66 |
| Lab Control Sample | RQ2314913-02 | 83 |
| Duplicate Lab Control Sample | RQ2314913-03 | 38 |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2314868-01 | **Basis:** | As Received |

## TCLP Chlorinated Herbicides by GC

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8151A | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | Method | **Pre-Prep Date:** | 11/11/23 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 2,4-D | 5.0 U | 5.0 | 1 | 11/15/23 00:28 | 11/13/23 | |
| 2,4,5-TP (Silvex) | 5.0 U | 5.0 | 1 | 11/15/23 00:28 | 11/13/23 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| DCAA | 60 | 12 - 131 | 11/15/23 00:28 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2314913-01 | **Basis:** | As Received |

## TCLP Chlorinated Herbicides by GC

**Analysis Method:** 8151A
**Prep Method:** Method

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 2,4-D | 5.0 U | 5.0 | 1 | 11/14/23 19:46 | 11/13/23 | |
| 2,4,5-TP (Silvex) | 5.0 U | 5.0 | 1 | 11/14/23 19:46 | 11/13/23 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| DCAA | 66 | 12 - 131 | 11/14/23 19:46 | |

**ALS Group USA, Corp.**
**dba ALS Environmental**

QA/QC Report

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

**Service Request:** R2310212
**Date Analyzed:** 11/14/23

## Duplicate Lab Control Sample Summary
## TCLP Chlorinated Herbicides by GC

**Units:**ug/L
**Basis:**As Received

| | | | Lab Control Sample | | | Duplicate Lab Control Sample | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | RQ2314913-02 | | | RQ2314913-03 | | | | |
| **Analyte Name** | **Analytical Method** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| 2,4-D | 8151A | 29.3 | 40.0 | 73 | 12.6 | 40.0 | 32 | 10-103 | 79* | 30 |
| 2,4,5-TP (Silvex) | 8151A | 33.2 | 40.0 | 83 | 15.2 | 40.0 | 38 | 13-124 | 75* | 30 |

# Metals

**ALS Environmental—Rochester Laboratory**
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Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Basis:** | As Received |
| **Lab Code:** | R2310212-MB1 | | |

**Toxicity Characteristics Leachate Procedure (TCLP)**

**Inorganic Parameters**

**Pre-Prep Method:** EPA 1311

| Analyte Name | Analysis Method | Result | | Units | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 6010C | 0.50 | U | mg/L | 0.50 | 1 | 11/15/23 04:12 | 11/13/23 | |
| Barium | 6010C | 1.0 | U | mg/L | 1.0 | 1 | 11/15/23 04:12 | 11/13/23 | |
| Cadmium | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 11/15/23 04:12 | 11/13/23 | |
| Chromium | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 11/15/23 04:12 | 11/13/23 | |
| Lead | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 11/15/23 04:12 | 11/13/23 | |
| Mercury | 7470A | 0.00030 | U | mg/L | 0.00030 | 1 | 11/15/23 11:09 | 11/14/23 | |
| Selenium | 6010C | 0.50 | U | mg/L | 0.50 | 1 | 11/15/23 04:12 | 11/13/23 | |
| Silver | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 11/15/23 04:12 | 11/13/23 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Basis:** | As Received |
| **Lab Code:** | R2310212-MB2 | | |

## Inorganic Parameters

| Analyte Name | Analysis Method | Result | | Units | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 6010C | 0.50 | U | mg/L | 0.50 | 1 | 11/15/23 04:02 | 11/13/23 | |
| Barium | 6010C | 1.0 | U | mg/L | 1.0 | 1 | 11/15/23 04:02 | 11/13/23 | |
| Cadmium | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 11/15/23 04:02 | 11/13/23 | |
| Chromium | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 11/15/23 04:02 | 11/13/23 | |
| Lead | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 11/15/23 04:02 | 11/13/23 | |
| Mercury | 7470A | 0.00030 | U | mg/L | 0.00030 | 1 | 11/15/23 10:36 | 11/14/23 | |
| Selenium | 6010C | 0.50 | U | mg/L | 0.50 | 1 | 11/15/23 04:02 | 11/13/23 | |
| Silver | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 11/15/23 04:02 | 11/13/23 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

**Service Request:** R2310212
**Date Analyzed:** 11/15/23

## Lab Control Sample Summary
## Inorganic Parameters

**Units:**mg/L
**Basis:**As Received

### Lab Control Sample
R2310212-LCS

| Analyte Name | Analytical Method | Result | Spike Amount | % Rec | % Rec Limits |
|---|---|---|---|---|---|
| Arsenic | 6010C | 0.97 | 1.00 | 97 | 80-120 |
| Barium | 6010C | 2.0 | 2.0 | 99 | 80-120 |
| Cadmium | 6010C | 0.51 | 0.50 | 102 | 80-120 |
| Chromium | 6010C | 0.50 | 0.50 | 99 | 80-120 |
| Lead | 6010C | 0.51 | 0.50 | 102 | 80-120 |
| Mercury | 7470A | 0.00106 | 0.00100 | 106 | 80-120 |
| Selenium | 6010C | 0.93 | 1.00 | 93 | 80-120 |
| Silver | 6010C | 0.26 | 0.25 | 103 | 80-120 |

# Subcontracted Analytical Parameters

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NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

Analytical Results Report For **ALS Environmental-Rochester**

Project R2310212
Workorder 3331608
Report ID 283549 on 11/17/2023

## Certificate of Analysis

Enclosed are the analytical results for samples received by the laboratory on Nov 07, 2023.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Sarah Leung (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

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Janice Jaeger - ALS Environmental-Rochester NY
Chris Leavy - ALS Environmental-Rochester

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

Sarah Leung

**Sarah Leung** *(ALS Digital Signature)*
Project Coordinator

## Sample Summary

| Lab ID | Sample ID | Matrix | Date Collected | Date Received | Collector | Collection Company |
|---|---|---|---|---|---|---|
| 3331608001 | Lagoon Comp 1 | Solid | 11/01/2023 12:30 | 11/07/2023 08:52 | CBC | Collected By Client |

## Reference

### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- Except as qualified, Clean Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 136, including but not limited to the following EPA Method reference revisions:
  EPA 300.1 Rev. 1.0-1997
  EPA 300.0 Rev. 2.1-1993
  EPA 353.2 Rev. 2.0-1993
  EPA 410.4 Rev. 1.0-1993
  EPA 420.4 Rev. 1.0-1993
  EPA 365.1 Rev. 2.0-1993
  EPA 200.7 Rev. 4.4-1994
  EPA 200.8 Rev. 5.4-1994
  EPA 245.1 Rev. 3.0-1994
- Except as qualified, Safe Drinking Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 141.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix “S” followed by a method number (such as S2310B-97) refer to methods from “Standard Methods for the Examination of Water and Wastewater”.
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.

### Standard Acronyms/Flags

| | |
|---|---|
| J | Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte |
| U | Indicates that the analyte was Not Detected (ND) above the MDL |
| N | Indicates presumptive evidence of the presence of a compound |
| MDL | Method Detection Limit |
| PQL | Practical Quantitation Limit |
| RDL | Practical Quantitation Limit for this Project |
| ND | Not Detected - indicates that the analyte was Not Detected |
| Cntr | Analysis was performed using this container |
| RegLmt | Regulatory Limit |
| LCS | Laboratory Control Sample |
| MS | Matrix Spike |
| MSD | Matrix Spike Duplicate |
| DUP | Sample Duplicate |
| %Rec | Percent Recovery |
| RPD | Relative Percent Difference |
| LOD | DoD Limit of Detection |
| LOQ | DoD Limit of Quantitation |
| DL | DoD Detection Limit |
| I | Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL) |
| (S) | Surrogate Compound |
| NC | Not Calculated |
| * | Result outside of QC limits |
| # | Please reference the result in the Results Section for analyte-level flags. |

## Project Notations

## Sample Notations

| Lab ID | Sample ID |
|---|---|

## Result Notations

| Notation Ref. | |
|---|---|
| 1 | According to Pa/USEPA regulations, this sample is not considered to be ignitable. (Ref 40 CFR 261.21) |
| 2 | The QC sample type DUP for method S2540G-11 was outside the control limits for the analyte Moisture. The RPD was reported as 14.4 and the upper control limit is 10. |

## Detected Results Summary

| | | | |
|---|---|---|---|
| Client Sample ID | Lagoon Comp 1 | Collected | 11/01/2023 12:30 |
| Lab Sample ID | 3331608001 | Lab Receipt | 11/07/2023 08:52 |

| Compound | Result | Units | RDL | Method | Flag |
|---|---|---|---|---|---|
| **WET CHEMISTRY** | | | | | |
| Moisture | 15.3 | % | 0.1 | S2540G-11 | # |
| Total Solids | 84.7 | % | 0.1 | S2540G-11 | # |

## Results

| | | | |
|---|---|---|---|
| Client Sample ID | Lagoon Comp 1 | Collected | 11/01/2023 12:30 |
| Lab Sample ID | 3331608001 | Lab Receipt | 11/07/2023 08:52 |

## WET CHEMISTRY

| Compound | Result | Flag | Units | RDL | Method | Dilution | Analysis Date/Time | By | Cntr |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide, Reactive | ND | ND | mg/kg | 10 | SW-846 7.3CN | 1 | 11/15/2023 12:11 | JML | A |
| Ignitability | Not Ignitable | 1 | | | SW846 1030 | 1 | 11/09/2023 15:45 | E1R | A |
| Moisture | 15.3 | 2 | % | 0.1 | S2540G-11 | 1 | 11/08/2023 14:30 | LMD | A |
| Sulfide, Reactive | ND | ND | mg/kg | 6.2 | SW846 7.3 | 1 | 11/14/2023 09:14 | JMS | A |
| Total Solids | 84.7 | | % | 0.1 | S2540G-11 | 1 | 11/08/2023 14:30 | LMD | A |

## Sample - Method Cross Reference Table

| Lab ID | Sample ID | Analysis Method | Preparation Method | Leachate Method |
|---|---|---|---|---|
| 3331608001 | Lagoon Comp 1 | S2540G-11 | N/A | |
| | | SW846 1030 | N/A | |
| | | SW846 7.3 | SW846 7.3 | |
| | | SW-846 7.3CN | SW-846 7.3CN | |

## QUALITY CONTROL SAMPLES

## WET CHEMISTRY

**QC Batch**

| | | | |
|---|---|---|---|
| QC Batch | 1084601 | Prep Method | N/A |
| Date | N/A | Analysis Method | S2540G-11 |
| Tech. | | | |

**Associated Samples**

3331608001

***Duplicate*** 3746803 (DUP) 3331608001 For QC Batch 1084601

****NOTE - The Original Result and Duplicate Result shown below are raw results and are only used for the purpose of calculating Sample Duplicate percent recoveries. This result is not a final value and cannot be used as such.

*RESULTS*

| Compound | CAS No | | Result (%) | Orig. Result (%) | | Qualifiers |
|---|---|---|---|---|---|---|
| Moisture | MOISTURE | DUP | 17.6352 | 15.2591 | RPD 14.40* (Max-10) | |
| Total Solids | TSP | DUP | 82.3647 | 84.7408 | RPD 2.84 (Max-5) | |

**QC Batch**

| | | | |
|---|---|---|---|
| QC Batch | 1086035 | Prep Method | N/A |
| Date | N/A | Analysis Method | SW846 1030 |
| Tech. | | | |

**Associated Samples**

3331608001

***Duplicate*** 3748340 (DUP) 3329733056 (non-Project Sample) For QC Batch 1086035

****NOTE - The Original Result and Duplicate Result shown below are raw results and are only used for the purpose of calculating Sample Duplicate percent recoveries. This result is not a final value and cannot be used as such.

*RESULTS*

| Compound | CAS No | | Qualifiers |
|---|---|---|---|
| Ignitability | IGN | DUP | |

***Duplicate*** 3748341 (DUP) 3331746002 (non-Project Sample) For QC Batch 1086035

****NOTE - The Original Result and Duplicate Result shown below are raw results and are only used for the purpose of calculating Sample Duplicate percent recoveries. This result is not a final value and cannot be used as such.

*RESULTS*

| Compound | CAS No | | Qualifiers |
|---|---|---|---|
| Ignitability | IGN | DUP | |

# QUALITY CONTROL SAMPLES

## WET CHEMISTRY (cont.)

**QC Batch**

| | | | |
|---|---|---|---|
| QC Batch | 1088834 | Prep Method | SW-846 7.3CN |
| Date | 11/13/2023 09:49 | Analysis Method | SW-846 7.3CN |
| Tech. | JMS | | |

**Associated Samples**

3331608001

***Duplicate*** 3749311 (DUP) 3332110001 (non-Project Sample) For QC Batch 1088834

****NOTE - The Original Result and Duplicate Result shown below are raw results and are only used for the purpose of calculating Sample Duplicate percent recoveries. This result is not a final value and cannot be used as such.

*RESULTS*

| Compound | CAS No | | Result (mg/kg) | Orig. Result (mg/kg) | | | | Qualifiers |
|---|---|---|---|---|---|---|---|---|
| Cyanide, Reactive | CNREACT | DUP | 0 | 0 | RPD | 0 | (Max-20) | ND |

***Method Blank*** 3749309 (MB) Created on 11/13/2023 09:47 For QC Batch 1088834

*RESULTS*

| Compound | CAS No | | Result | Units | RDL | Qualifiers |
|---|---|---|---|---|---|---|
| Cyanide, Reactive | CNREACT | BLK | ND | mg/kg | 10 | ND |

***Lab Control Standard*** 3749310 (LCS) Created on 11/13/2023 09:47 For QC Batch 1088834

*RESULTS*

| Compound | CAS No | | Result (mg/kg) | Orig. Result (mg/kg) | Spk Added (mg/kg) | Rec. (%) | Limits (%) | RPD Limit (%) | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide, Reactive | CNREACT | LCS | 0.96 | | 5 | 19.3 | 1 - 92 | | ND |

**QC Batch**

| | | | |
|---|---|---|---|
| QC Batch | 1088835 | Prep Method | SW846 7.3 |
| Date | 11/13/2023 09:49 | Analysis Method | SW846 7.3 |
| Tech. | JMS | | |

**Associated Samples**

3331608001

***Duplicate*** 3749314 (DUP) 3332110001 (non-Project Sample) For QC Batch 1088835

****NOTE - The Original Result and Duplicate Result shown below are raw results and are only used for the purpose of calculating Sample Duplicate percent recoveries. This result is not a final value and cannot be used as such.

*RESULTS*

| Compound | CAS No | Result (mg/kg) | Orig. Result (mg/kg) | Qualifiers |
|---|---|---|---|---|

## QUALITY CONTROL SAMPLES

### WET CHEMISTRY (cont.)

*RESULTS*

| Compound | CAS No | | Result (mg/kg) | Orig. Result (mg/kg) | | | Qualifiers |
|---|---|---|---|---|---|---|---|
| Sulfide, Reactive | SO2REACT | DUP | 0.8024 | 0.8036 | RPD 0.15 | (Max-20) | ND |

***Method Blank*** 3749312 (MB) Created on 11/13/2023 09:48 For QC Batch 1088835

*RESULTS*

| Compound | CAS No | | Result | Units | RDL | Qualifiers |
|---|---|---|---|---|---|---|
| Sulfide, Reactive | SO2REACT | BLK | ND | mg/kg | 6.2 | ND |

***Lab Control Standard*** 3749313 (LCS) Created on 11/13/2023 09:48 For QC Batch 1088835

*RESULTS*

| Compound | CAS No | | Result (mg/kg) | Orig. Result (mg/kg) | Spk Added (mg/kg) | Rec. (%) | Limits (%) | RPD Limit (%) | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|
| Sulfide, Reactive | SO2REACT | LCS | 255 | | 285 | 89.5 | 49 - 148 | | |

## QUALITY CONTROL DATA CROSS REFERENCE TABLE

| Lab ID | Sample ID | Preparation Method | Prep Batch | Prep Date/Time | By | Analysis Method | Anly Batch |
|---|---|---|---|---|---|---|---|
| 3331608001 | Lagoon Comp 1 | N/A | N/A | N/A | | S2540G-11 | 1084601 |
| | | N/A | N/A | N/A | | SW846 1030 | 1086035 |
| | | SW846 7.3 | 1088835 | 11/13/2023 09:49 | JMS | SW846 7.3 | 1088878 |
| | | SW-846 7.3CN | 1088834 | 11/13/2023 09:49 | JMS | SW-846 7.3CN | 1089172 |

# ALS Environmental Chain of Custody

1565 Jefferson Rd, Building 300 • Rochester, NY 14623 • 585-288-5380 • FAX 585-288-8475

A 3331608

Logged By: MJE

PM: SSL

11/7/2023 2:01 PM

**Project Number:** R2310212
**Project Manager:** Janice Jaeger
**QAP:** LAB QAP

| Lab Code | Sample ID | # of Cont. | Matrix | Sample Date | Sample Time | Lab ID | CN React 9014 | Ignitability 1030 | Sulfide React 9034 Modified |
|---|---|---|---|---|---|---|---|---|---|
| R2310212-001 | Logoon Comp 1 | 1 | Soil | 11/1/23 | 1230 | Middletown ALS | X | X | X |

Temp By: DD | WO Temp (°C): 3° | Therm ID: 523

Receipt Info Completed By: DD

| | |
|---|---|
| Cooler Custody Seal Intact | Y N NA |
| Sample Custody Seal Intact | Y N NA |
| Received on Ice | Y N NA |
| Cooler & Samples Intact | Y N |
| Correct Containers Provided | Y N |
| Sample Label/COC Agree | Y N |
| Adequate Sample Volumes | Y N |
| CR6 Samples Filtered | Y N NA |
| OP Samples Filtered | Y N NA |
| VOA Trip Blank | Y N NA |
| NJ≤ 4 Days? | Y N |
| Rad Screen (uCi) | — |

Courier/Tracking #: 7127 0653 9883

| | |
|---|---|
| SDWA Compliance | Y N |
| PWSID | |
| WV Containers 0-6°C | Y N NA |

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**Special Instructions/Comments**

H - Test is On Hold  P - Test is Authorized for Prep Only

**Turnaround Requirements**

____ **RUSH** (Surcharges Apply)

**PLEASE CIRCLE WORK DAYS**

1 2 3 4 5

X **STANDARD**

Requested FAX Date: _____

Requested Report Date: 11/14/23

**Report Requirements**

____ I. Results Only

X II. Results + QC Summaries

____ III. Results + QC and Calibration Summaries

____ IV. Data Validation Report with Raw Data

PQL/MDL/J N

EDD N

**Invoice Information**

PO# 58R2310212

Bill to

Relinquished By: RPuhr 11/6/23

Received By: FEDEX → DD/ALS 11/7/23 0852

Airbill Number: _____

12 of 13

**R2310212**

3331608

**Ship To: Middletown ALS**
ALS Environmental - Middletown
301 Fulling Mill Rd.
Middletown, PA 17057

PC _____ Date 11/3/23
SMO RR Date 11/6/23

**Instructions:**

Ice ✓
Dry Ice _____
No Ice _____

**Shipping:**

Overnight ✓
2nd Day _____
Ground _____

Bill to Client Account _____



Comments:

# APPENDIX C

# REMEDIATION-RELATED PERMITS AND APPROVALS

Permit No. 742-S

TOWN OF TONAWANDA

INDUSTRIAL SEWER CONNECTION PERMIT

Company Name: Sessler Environmental Services.

Division Name ( if Applicable ) Tonawanda Storage Properties LLC

Mailing Address: 1330 Research Forest
Street or P.O. Box
Macedon, NY 14502
State and Zip Code

Facility Address: 2266 Military Road
P.O. Box

Tonawanda, NY 14150
City, State and Zip Code

*The above Industrial User is authorized to discharge industrial wastewater to the Town of Tonawanda sewer system in compliance with the Town's Sewer Use Ordinance Number 2-2000, any applicable provisions of Federal or State law or regulation, and in accordance with discharge point(s), effluent limitations, monitoring requirements, and other conditions set forth herein.*

*This permit is granted in accordance with the application filed on August 13, 2024*
*2022*
*in the office of the Pretreatment Administrator, and in conformity with plans, specifications, and other data submitted to the Town in support of the above application.*

Effective Date: August 20, 2024

Expiration Date: September 20, 2024

Permit No. 742-S

Date: 8-20-24 Signed: Paul K Morrow

Paul Morrow
Town of Tonawanda
Pretreatment Coordinator

Permit No. 742-S

Modified Date:_____

## PART 1 - WASTEWATER DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS

### A. LOCALLY DERIVED LIMITATIONS

*The industrial user shall comply with the following locally derived effluent limitations effective as of* **August 20, 2024**

MONITORING LOCATION: : **Excavation Frac Tank**

**Discharge to the sanitary sewer only is allowed at rate to not overload the sanitary sewer. Discharge during wet weather events may be prohibited.**

**Less than 40,000 gallons in total will be discharged under this permit if over 40,00 gallons is discharged then it will be charged at rates as specified by the Town Board (currently $456/ 1000 gallons) and additional analysis will be required (1 set of analysis every 40,000 gallons) Discharge is allowed 8 am 4 pm only.Please be sure to discharge to the sanitary sewer only Discharge to the storm sewer is strictly prohibited.**

**All water to be discharged must have no oil sheen.**

**Note: The complete list of discharge limitations for dischargers to the Town Treatment Plant is contained in the Town's Local Law 2-2000. On the basis of the application and previous monitoring, parameters deemed applicable to this discharge have been excerpted and their limitations included above. The discharger should be aware that all other limitations apply and should consider all such limitations when considering process changes or plant modifications.**

**PART II - REPORTING REQUIREMENTS**

1. *All Industries requiring submittal of self-monitoring reports (SMR's) must submit all laboratory results on all discharged samples. If a lab analysis was performed using an EPA approved test method, then those results must be included in the SMR.*
   *Persons signing SMR's must be a responsible company official, ie; owner, corporate manager, or supervise more than two hundred fifty (250) employees. Any of the above may appoint a company representative to sign SMR's but written notice must be supplied to this office authorizing said employee to sign.*

*The following statement will be required on all SMR's and baseline monitoring reports (BMR):*

***" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who managed the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violation."***

2. *The Industrial User shall notify the Town immediately upon any accidental or slug discharge to the sanitary sewer system. Formal written notification discussing circumstances and remedies shall be submitted to the Town within 5 days of the occurrence.*

3. *The Industrial User shall notify the Town 30 days prior to the introduction of new wastewater or pollutants or any substantial change in the volume or characteristics of the wastewater being introduced into the POTW from the User's industrial processes.*

4. *Any upset experienced by the Industrial User of its treatment that places it in a temporary state of non-compliance with wastewater discharge limitations contained in this permit or other limitations specified in the Town's Ordinance shall be reported to the Town within 24 hours of first awareness of the commencement of the upset. Immediate resampling for the non-compliance pollutant shall begin. A detailed report shall be filed within 5 days.*

5. *The Industrial User is required to submit to the Town reports on the results of its sampling of the pollutants specified in Part I of this Permit. This report shall also contain total flows.*

6. *Analytical procedures must be performed in accordance with 40 CFR Part 136. Additional pollutants not contained in Part 136 must be performed using validated analytical methods approved by EPA (40 CFR 403.12 [g] [4]).*

7. *All reports shall be submitted to the following address:*

***Paul Morrow, Pretreatment Coordinator***
***Wastewater Treatment Facility***
***Two Mile Creek Road***
***Tonawanda, New York 14150***

## PART IV - STANDARD CONDITIONS

1. *The Industrial User shall comply with all the general prohibitive discharge standards in Article IV of the Local Law 2-2000.*

   a. *BOD 250 mg/l, SS 250 mg/l, P 6 mg/l are not to be construed as discharge limits of the above pollutants but as a baseline for generating abnormal sewer charges.*

### 2. RIGHT OF ENTRY

*The Industrial User shall, after reasonable notification by the Town, allow the Town or its representatives, exhibiting proper credentials and identification, to enter upon the premises of the User, at all reasonable hours, for the purposes of inspection, sampling, or records inspection. Reasonable hours in the context of inspection and sampling includes any time the Industrial User is operating any process which results in a process wastewater discharge to the Town's sewerage system.*

### 3. RECORDS RETENTION

*The Industrial User shall retain and preserve for no less than three (3) years, any records, books, documents, memoranda, reports, correspondence and all summaries thereof, relating to monitoring, sampling and chemical analysis made by or in behalf of the User in connection with its discharge.*

a) *All records that pertain to matters that are the subject of special orders or any other enforcement or litigation activities brought by the Town shall be retained and preserved by the Industrial User until all enforcement activities have concluded and all periods of limitation with respect to any and all appeals have expired.*

## 4. CONFIDENTIAL INFORMATION

*Except for data determined to be confidential under Article VII, Section 4 of the Town's Ordinance, all reports required by this permit shall be available for public inspection at the office of the Pretreatment Coordinator, Wastewater Treatment Facility, 779 Two Mile Creek Road, Tonawanda, New York 14150.*

## 5. RECORDING OF RESULTS

*For each measurement or sample taken pursuant to the requirements of this permit, the user shall record the following information:*

*a) The exact place, date and time of sampling;*
*b) The dates the analyses were performed;*
*c) The person(s) who performed the analyses;*
*d) The analytical techniques or methods used, and*
*e) The results of all required analyses.*
*f) Where sanitary sewer discharge is measured by a mechanical or electronic device, accuracy of device shall be certified correct every two years by the manufacturer. Certification shall begin September, 2020.*
*g) Where sanitary sewer discharge is measured by percentage of consumed water, percentage shall be certified correct every two years by a licensed professional engineer .Certification shall begin September, 2020.*

## 6. DILUTION

*No Industrial User shall increase the use of potable or process water or, in any way, attempt to dilute a discharge as a partial or complete substitute for adequate treatment to achieve compliance with the limitations contained in this permit*

## 7. PROPER DISPOSAL OF PRETREATMENT SLUDGES AND SPENT CHEMICALS

*The disposal of sludges and spent chemicals generated shall be done in accordance with Section 405 of the Clean Water Act and Subtitles C and D of the Resource Conservation and Recovery Act.*

## 8. TOXIC SUBSTANCES

*All waters shall be maintained free of toxic substances in concentrations that are toxic to or produce detrimental physiological responses in human, plant, animal, or aquatic life*

## 9. SIGNATORY REQUIREMENTS

*All reports required by this permit shall be signed by a principal executive officer of the User, or his designee.*

## 10. REVOCATION OF PERMIT

*The permit issued to the Industrial User by the Town may be revoked when after inspection, monitoring or analysis it is determined that the discharge of wastewater to the sanitary sewer is in violation of Federal, State, or local laws, ordinances, or regulations. Additionally, falsification or intentional misrepresentation of data or statements pertaining to the permit application or any other required reporting form, shall be cause for permit revocation.*

## 11. LIMITATIONS ON PERMIT TRANSFER

*Transfer of permit. Industrial waste permits are issued to a specific user for a specific operation. In the event of any change in ownership of the industrial facility, the permittee shall notify the new owner of the existence of the permit by letter, a copy of which shall be forwarded to the Pretreatment Administrator 30 days prior to change of ownership. A new industrial waste permit must be issued to the new owner.*

## 12. FALSIFYING INFORMATION OR TAMPERING WITH MONITORING EQUIPMENT

*Knowingly making any false statement on any report or other document required by this permit or knowingly rendered any monitoring device or method inaccurate, may result in punishment under the criminal law of the Town, as well as being subjected to civil penalties and relief.*

## 13. MODIFICATION OR REVISION OF THE PERMIT

*a) The terms and conditions of this permit may be subject to modification by the Town at any time as limitations or requirements as identified the Town's Ordinance, are modified or other just cause exists.*

*b) This permit may also be modified to incorporate special conditions resulting from the issuance of a special order.*

*c) The terms and conditions may be modified as a result of EPA promulgating a new federal pretreatment standard.*

*d) Any permit modifications which result in new conditions in the permit shall include a reasonable time schedule for compliance if necessary.*

**14. SEVERABILITY**

*The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.*

**15. LIMITATIONS**

*The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any invasion of personal rights, nor any infringement of Federal, State or Local regulations.*

**16. A. VIOLATIONS**

*(1) Any violation of sections 165-3 through 165-19 of this Part 1 of Local Law 2-2000 is hereby declared a violation except as otherwise provided by law.*

*(2) Any person who violates the provisions of sections 165-3 through 165-19 of the Part 1, upon conviction thereof in a court of competent jurisdiction, may be punished by a fine of not more than two hundred fifty dollars ($250.), and each day on which there is a failure to comply shall be and is hereby declared to be a distinct and separate offense and punishable as such.*

*(3) The Town of Tonawanda may also maintain an action of proceeding in the name of the Town of Tonawanda in a court of competent jurisdiction to collect a civil penalty of not over two hundred dollars ($200.) for each violation of sections 165-3 through 165-19 of this Part 1.*

*(4) The Town of Tonawanda may also maintain an action or proceeding in the name of the Town of Tonawanda in a court of competent jurisdiction for injunctive relief for any violation Articles III, IV or V of this Part 1.*

**B. MISDEMEANORS**

*(1) Any violation of sections 165-20 through 165-30 of this Part 1 is hereby declared a misdemeanor except as otherwise provided by law.*

*(2) Any person who violates the provisions of sections 165-20 through 165-30 of this Part 1, upon conviction thereof in a court of competent jurisdiction, may be punished by a fine of not more than five hundred dollars ($500.), and each day on which there is a failure to comply shall be and is hereby deemed to be a distinct and separate offense and punishable as such.*

*(3) The Town of Tonawanda may also maintain an action or proceeding in the name of the Town of Tonawanda in a court of competent jurisdiction to collect a civil penalty of not over five thousand dollars ($5,000.) for each violation of section 165-20 through 165-30 of this Part 1.*

*(4) The Town of Tonawanda may also maintain an action or proceeding in the name of the Town of Tonawanda in a court of competent jurisdiction for injunctive relief for any violation of Article VI of this Part 1.*

**17. ENFORCEMENT OF THE SEWER USE LAW AND PERMITS**

**The Town has developed and received USEPA approval of its Enforcement Response Plan which details the standard responses to be taken by the Town when it encounters various violations of the Sewer Use Law or the terms of this permit. Copies of this document are available at the office of the Pretreatment Administrator.**

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

**Division of Materials Management, Region 9**
700 Delaware Avenue, Buffalo, NY 14209
P: (716) 851-7220 | F: (716) 851-7226
www.dec.ny.gov

August 28, 2024

Rhonda Gora
Special Waste Coordinator
Republic Services
1220 Commerce St SW
Conover, NC 28613

Dear Rhonda Gora:

Tonawanda Storage Properties,
Former Bisonite Paint
2266 Military Road, Tonawanda, NY 14150
Non Hazardous Soil
Application #4848

The Department has reviewed the above referenced application for treatment or Disposal of an Industrial Waste Stream (Form 47-17-7). Based on the information provided, this waste stream is **approved for an additional 1000 tons, for a total of 2000 tons for disposal at the Allied Waste Niagara Falls Landfill** in Niagara Falls, New York. This approval expires February 21, 2027.

You have also requested that this material be approved for alternate daily cover (ADC). Based on the analytical data submitted with this application, this material appears to be acceptable for this purpose. This letter shall serve notice that the above referenced material has been approved for use as an ADC at your facility. Please note; material shall not contain free liquids.

As with all daily covers, these materials must be spread in six-inch layers unless otherwise pre-approved and they must control vectors, fires, blowing litter, odors and scavenging. Furthermore, the use of ADCs must not in itself produce nuisances (e.g. dusting and odors). In the event that nuisances do develop, this approval will be rescinded. In addition, runoff from the ADCs must be collected by the landfill's leachate collection system and tracking of the material out of the landfill footprint must be prevented. It is also understood that ADCs are not to be reused after initial placement. Finally, the ADC shall be used where it will be covered by the next day's waste or by clean soil.

Temporary storage of the ADC material is acceptable, provided that the following conditions are met. The storage area must be on an active portion of the landfill that allows run-off from the stockpile to be collected in the leachate collection system. The storage area should be located away from truck and equipment traffic to prevent tracking of the stockpiled material. Stockpiles should not be created next to slopes which may promote the dispersion of the ADC material due to erosion of the stockpile. Also, stockpiled material must not produce any nuisances (e.g. dusting or odors). If nuisances do develop, the stockpiled material must be promptly disposed in the landfill. Stockpiles of ADC should, in no way, interfere with the normal daily operation of the landfill. Finally, the amount and length of storage for ADCs should be minimized.

Should you have any questions, please contact this office at 716-851-7220.

Sincerely,

Matthew Slominski

Matthew Slominski
Assistant Engineer

ec: Beverly Lewinski, P.E., Professional Engineer 1, NYSDEC

Rhonda Gora addtl 1000 tons (1000+1000) = 2000tons 08/27/2024

Received: 8/22/2024 MRS
Approved: 8/28/2024

47-19-7 (10/86) - Text 12 (E-Reproduction)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE • BUREAU OF HAZARDOUS WASTE OPERATIONS
50 WOLF ROAD, ALBANY, NEW YORK 12233-4017

# APPLICATION FOR TREATMENT OR DISPOSAL OF AN INDUSTRIAL WASTE STREAM

SEE APPLICATION INSTRUCTIONS ON REVERSE SIDE

| FOR STATE USE ONLY | | |
|---|---|---|
| SITE NO. 32S11 | APPLICATION NO. 4848 | DATE RECEIVED 2/21/2024 |
| DEPARTMENT ACTION ☒ Approved ☐ Disapproved MRS | | DATE 2/21/2024 |

| | | |
|---|---|---|
| 1. NAME OF PROJECT/FACILITY<br>**Allied Niagara Falls Landfill Facility** | 2. COUNTY<br>**Niagara County** | 3. SITE NUMBER<br>**32S11** |
| 4. NAME OF OWNER<br>**Allied Waste Systems** | 5. ADDRESS (Street, City, State, Zip Code)<br>**5600 Niagara Falls Blvd., Niagara Falls, New York 14304-0354** | 6. TELEPHONE NO.<br>**(716) 285-3344** |
| 7. NAME OF OPERATOR<br>**Allied Waste Systems** | 8. ADDRESS (Street, City, State, Zip Code)<br>**Same as Section 5 above** | 9. TELEPHONE NO.<br>**(716) 285-3344** |

10. METHOD OF TREATMENT OR DISPOSAL
**Sanitary Landfill**
**Disposal Code D90**

| | | |
|---|---|---|
| 11. COMPANY GENERATING WASTE<br>**Tonawanda Storage/Former Bisonite Paint Manufact** | 12. ADDRESS OF FACILITY GENERATING WASTE (Street, City, State, Zip Code)<br>**2266 Military Road, Tonawanda, NY 14150** | |
| 13. REPRESENTATIVE OF WASTE GENERATOR<br>**John Stevens** | 14. MAILING ADDRESS OF REPRESENTATIVE<br>**2250 Military Rd, Tonawanda, NY 14150** | 15. TELEPHONE NO.<br>**(716 )585-223-6040** |

16. DESCRIPTION OF PROCESS PRODUCING WASTE
**From removal of a soil berm and paint lagoon soils**

| | | |
|---|---|---|
| 17. EXPECTED ANNUAL WASTE PRODUCTION<br>**1000** Tons/Year _____ Gallons/Year | 18. WASTE HAULED IN<br>☐ Drums ☐ Bulk Tank ☐ Roll-Off Container X Other **Dumps** | |
| 19. WASTE COMPOSITION<br>19a. Average Percent Solids **100** | 19b. PHYSICAL STATE<br>☐ Liquid ☐ Slurry ☐ Sludge X Solid ☐ Contained Gas | 19c. pH Range<br>**5** to **9** |

| 19. COMPONENTS | CONCENTRATION (Dry Weight) Upper | Lower | Typical | UNIT (Check One) Wt.% | PPM |
|---|---|---|---|---|---|
| 1) **Non Hazardous Soil** | | | **100** | X | ☐ |
| 2) | | | | ☐ | ☐ |
| 3) | | | | ☐ | ☐ |
| 4) | | | | ☐ | ☐ |

| | | |
|---|---|---|
| 20. IS AN ANALYSIS OF WASTE ATTACHED?<br>X Yes ☐ No | 21. WAS A TCLP TEST CONDUCTED ON THE WASTE?<br>X Yes ☐ No If "Yes", attach results | 22. MATERIAL IS:<br>☐ Hazardous X Non-Hazardous |

23. DETAIL ALL HAZARD AND NUISANCE PROBLEMS ASSOCIATED WITH THE WASTES. List necessary safety, handling, treatment, and disposal precautions.
**None**

24. WHERE WAS MATERIAL DISPOSED OF PREVIOUSLY?
**N/A**

| | | | |
|---|---|---|---|
| 25. NAME OF WASTE TRANSPORTER<br>***Swan Trucking West Inc.*** | 26. ADDRESS (Street, City, State, Zip Code)<br>**77 W Drullard Ave., Lancaster, NY 14086** | 27. NYSDEC PERMIT NO.<br>**9A 953** | 28. TELEPHONE NO.<br>**( 716 )681-3386** |

29. CERTIFICATION
I hereby affirm under penalty of perjury that information provided on this form and attached statements and exhibits is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

| | |
|---|---|
| a. SIGNATURE AND TITLE OF REPRESENTATIVE OF WASTE GENERATOR<br>Travis L Lomos PM on behalf of Tonawanda Storage Properties | DATE<br>2/19/24 |
| b. SIGNATURE AND TITLE OF REPRESENTATIVE OF TREATMENT OR DISPOSAL FACILITY<br>Bernadette Wilson Bernadette Wilson / Special Waste Coordinator | DATE<br>2/21/2024 |

# Special Waste Profile – Change

REPUBLIC SERVICES

## I. Generator Information

*This form may be used to request changes to an existing Special Waste Profile.*

Generator Name: Tonawanda Storage Properties/Former Bisonite Paint Manufacturing

Name of Waste: Non Hazardous Soil  Waste Profile #: 4215242607

## II. Purpose of Change

*Description of change requested and reason for change*
*(provide detailed explanation of why the change is requested following the appropriate checked box below).*

Increase tonnage for disposal an additional 1000 tons, because of underestimation of original tonnage for disposal.

☑ Volume Increase By: 1000

***Is the analysis originally submitted with the Profile representative of the volume increase?*** ☑ Yes ☐ No ***If no, complete Section III below.***

☐ Extend Expiration Date:

☐ Change or Add Landfill

☐ Add Additional Laboratory Reports: ***Complete Representative Sample Certification (Section III) below.***

☐ Add MSDS:

☐ Generator Name Change:

☐ Other:

## III. Representative Sample Certification

☑ No Sample Taken

☐ Sample Taken  Type of Sample --Select Sample Type--

Is the representative sample collected to prepare this profile and laboratory analysis collected in accordance with U.S. EPA 40 CF 261.20(c) guidelines or equivalent? ☐ Yes ☐ No

Sample Date:

Sample ID Numbers:

Initial here FRT

# Special Waste Profile – Change

REPUBLIC SERVICES

**IV. Certification**

*I hereby certify that I have knowledge about the waste material being offered for disposal ("Waste") and have the requisite authority to bind the Generator to the information contained in this Special Waste Profile – Change form ("Change Form"). I further certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of all changes to the Waste since its last approved Profile and all known or suspected hazards have been disclosed. All Analytical Results/Safety Data Sheets submitted are truthful and complete and are representative of the Waste.*

*Our Company hereby agrees to fully indemnify this Disposal Facility against any damages resulting from this Change Form or Certification being inaccurate or untrue. I understand that by attaching an electronic signature, I am signing this document and Company consents to complete this transaction and receive all related communications electronically, and agrees this document will be binding as though it had been physically signed. A printout of this Change Form may be accepted with the same authority as the original.*

| Frank Thomas | Project Mgr. | Sessler Environmental Ser |
|---|---|---|
| Authorized Representative Name (Printed) | Title (Printed) | Company Name |
| Representative Signature | | 8/21/24 |
| | | Date |

# Third Party Signature Authorization For Special Waste Disposal

REPUBLIC SERVICES

Date: 2/15/2024

Profile Number:

***This Authorization is only valid for 3 years from the above date.***

For office use only.

To Whom It May Concern:

Please be advised that the following company/individual has been appointed to work as our agent for purposes of managing waste materials that we may generate.

Name of Waste: Contaminated Soil

Frank Thomas
Name of Authorized Agent

Project Manager
Title

Sessler Environmental Services
Name of Company

585-617-5710
Telephone Number

The above broker/individual is authorized to act as our authorized agent for the following purposes:

- ☑ Complete and sign Special Waste Profile
- ☑ Complete and sign Special Waste Profile-Recertification
- ☑ Authorize amendments to Special Waste Profile
- ☑ Sign contracts to dispose and/or transport material
- ☑ Sign certifications necessary to comply with landfill requirements
- ☑ Sign manifests to initiate shipment to disposal facilities

***I hereby certify that I have the requisite authority to grant agency authority on the behalf of Company to the Authorized Agent identified on this Third Party Signature Authorization form ("Authorization"). Our Authorized Agent will notify Company prior to taking any of the actions authorized above and will provide Company with copies of any documents bearing Company's name.***

***I understand that by attaching an electronic signature, I am signing this document and Company consents to complete this transaction and receive all related communications electronically, and agrees this document will be binding as though it had been physically signed. A printout of this Authorization may be accepted with the same authority as the original.***

Tonawanda Storage Properties, LLC
Name of Company

2250 Military Road, Tonawanda, NY 14150
Mailing Address

John Stevens
Generator Contact (Print Name)

Owner
Title

Signature

585-233-6040
Telephone Number

December 05, 2023 Service Request No:R2310212

Frank Thomas
Sessler Environmental Services
1330 Research Forest
Macedon, NY 14502

**Laboratory Results for: Bisonite Paint**

Dear Frank,

Enclosed are the results of the sample(s) submitted to our laboratory November 02, 2023
For your reference, these analyses have been assigned our service request number **R2310212.**

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7472. You may also contact me via email at Janice.Jaeger@alsglobal.com.

Respectfully submitted,

**ALS Group USA, Corp. dba ALS Environmental**



Janice Jaeger
Project Manager

CC: Accounts Payable

ADDRESS 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
PHONE +1 585 288 5380 | FAX +1 585 288 8475
ALS Group USA, Corp.
dba ALS Environmental

# Narrative Documents

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint
**Sample Matrix:** Soil

**Service Request:** R2310212
**Date Received:** 11/02/2023

## CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

**Sample Receipt:**

One soil sample was received for analysis at ALS Environmental on 11/02/2023. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

**Semivolatiles by GC/MS:**

Method 8270D, 11/17/2023: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

**Semivoa GC:**

Method 8081B, 11/27/2023: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
The RPD between the LCS and the LCSD was greater than the RPD limit. The percent recovery limit was met for both the LCS and the LCSD.

**Metals:**

No significant anomalies were noted with this analysis.

**General Chemistry:**

No significant anomalies were noted with this analysis.

**Subcontracted Analytical Parameters:**

No significant anomalies were noted with this analysis.

**Volatiles by GC/MS:**

Method 8260C, 11/22/2023: The upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.

Approved by _____ Date 12/05/2023

## SAMPLE DETECTION SUMMARY

This form includes only detections above the reporting levels. For a full listing of sample results, continue to the Sample Results section of this Report.

| CLIENT ID: Logoon Comp 1 | | | Lab ID: R2310212-001 | | | |
|---|---|---|---|---|---|---|
| **Analyte** | **Results** | **Flag** | **MDL** | **MRL** | **Units** | **Method** |
| Barium | 1.5 | | | 1.0 | mg/L | 6010C |
| Lead | 1.73 | | | 0.10 | mg/L | 6010C |
| pH | 7.90 | | | | pH Units | 9045D |

# Sample Receipt Information

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

**Client:** Sessler Environmental Services **Service Request:**R2310212
**Project:** Bisonite Paint/23-E789

## SAMPLE CROSS-REFERENCE

| SAMPLE # | CLIENT SAMPLE ID | DATE | TIME |
|---|---|---|---|
| R2310212-001 | Logoon Comp 1 | 11/1/2023 | 1230 |

# Chain of Custody / Analytical Request Form

75895

SR#:

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 • +1 585 288 5380 • alsglobal.com

Page 8 of 8

**Report To:**

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER

Company: Sessler Environmental
Contact: Frank Thomas
Email: fthomas@sesslerenv.com
Phone: 585-617-5710
Address: 1330 Research Forest, Macedon, NY 14502

Project Name: Bisonite Paint / Tonawanda Storage
Project Number: 23-E789
ALS Quote #:
Sampler's Signature: Frank Thomas
Email CC: fthomas@sesslerenv.com
Email CC:
State Samples Collected (Circle or Write): NY, MA, PA, CT, Other:

Preservative: 0. None; 1. HCl; 2. HNO3; 3. H2SO4; 4. NAOH; 5. Zn Acet.; 6. MeOH; 7. NaHSO4; 8. Other 40

| Lab ID (ALS) | Sample ID: | Date | Time | Matrix (GW, WW, SW, DW, S, L, NA) | Number of Containers | MS/MSD? | GC/MS VOA - 8260•624•524•TCLP | GC/MS SVOA - 8270 • 625 • TCLP | Pesticides - 8081 • 608 • TCLP | PCBs - 8082 • 608 | Herbicides - 8151 • TCLP | Metals, Total - Select Below | Metals, Dissolved - Field / In-Lab Filter | FULL RCRA TCLP | SVOCs, PCBs, TAL Metals, Sulfide, pH | TCL VOCs + CPS1 TCLP | TCL VOCs + CPS1 | Ignitability, Reactivity | | Notes: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Lagoon Comp 1 | 11/1/23 | 12:30 | S | 5 | | | | | | | | | X | X | X | X | X | | |

Special Instructions / Comments:

**Turnaround Requirements**

____Rush (Surcharges Apply)
*Subject to Availability*
*Please Check with your PM*
✓ Standard (10 Business Days)
Date Required: on or before 11/22

**Report Requirements**

____Tier II/Cat A -Results/QC
____Tier IV/Cat B - Data Validation Report w/. Data
EDD: ____Yes ✓No
EDD Type:

Metals: RCRA • PP 13 • TAL 23 • TCLP • Other (List)

R2310212 5
Sessler Environmental Services
Bisonite Paint

PO #: 23-E789
Company: Sessler Env.
Contact: Justin Marullo
Email: APe sesslerenv.com
Phone: 585-617-5710
Address: Macedon

| | Relinquished By: | Received By: | Relinquished By: | Received By: | Relinquished By: | Received By: |
|---|---|---|---|---|---|---|
| Signature | Frank Thomas | | | | | |
| Printed Name | Frank Thomas | Gregory D. Fomerman | | | | |
| Company | Sessler | ALS | | | | |
| Date/Time | 11/2 15:10 | 11/2/23 1511D | | | | |

Distribution: White - Lab Copy; Yellow - Return to Originator



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# Cooler Receipt and Preservati

R2310212 5
Sessler Environmental Services
Bisonite Paint

Project/Client Sessler Env. Folder Number

Cooler received on 11/2/23 by: JE

COURIER: ALS UPS FEDEX VELOCITY (CLIENT)

| | | | | | |
|---|---|---|---|---|---|
| 1 | Were **Custody seals** on outside of cooler? | Y (N) | 5a | **Perchlorate** samples have required headspace? | Y N (NA) |
| 2 | **Custody papers** properly completed (ink, signed)? | (Y) N | 5b | Did VOA vials, Alk,or Sulfide have sig* **bubbles**? | Y N (NA) |
| 3 | Did all bottles arrive in good **condition** (unbroken)? | (Y) N | 6 | Where did the bottles originate? | (ALS/ROC) CLIENT |
| 4 | Circle: **Wet Ice Dry Ice Gel packs** present? | Y (N) | 7 | Soil VOA received as: Bulk Encore 5035set | (NA) |

8. Temperature Readings Date: 11/2/23 Time: 15:11 ID: IR#12 (IR#11) From: Temp Blank (Sample Bottle)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Observed Temp (°C) | 12.7 | | | | | | |
| Within 0-6°C? | Y (N) | Y N | Y N | Y N | Y N | Y N | Y N |
| If <0°C, were samples frozen? | Y N | Y N | Y N | Y N | Y N | Y N | Y N |

**If out of Temperature, note packing/ice condition:** _____ Ice melted Poorly Packed (described below) Same Day Rule

**&Client Approval to Run Samples:** _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: R-007 by JE on 11/2/23 at 15:13
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 11/3/23 Time: 1525 by: RR

9. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? (YES) NO
10. Did all bottle labels and tags agree with custody papers? (YES) NO
11. Were correct containers used for the tests indicated? (YES) NO
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO (N/A)
13. Were dissolved metals filtered in the field? YES NO (N/A)
14. Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized Tedlar® Bags Inflated (N/A)

| pH | Lot of test paper | Reagent | Preserved? Yes | Preserved? No | Lot Received | Exp | Sample ID Adjusted | Vol. Added | Lot Added | Final pH |
|---|---|---|---|---|---|---|---|---|---|---|
| ≥12 | | NaOH | | | | | | | | |
| ≤2 | | $HNO_3$ | | | | | | | | |
| ≤2 | | $H_2SO_4$ | | | | | | | | |
| <4 | | $NaHSO_4$ | | | | | | | | |
| 5-9 | | For 608pest | | | No=Notify for 3day | | | | | |
| Residual Chlorine (-) | | For CN, Phenol, 625, 608pest, 522 | | | If +, contact PM to add $Na_2S_2O_3$ (625, 608, CN), ascorbic (phenol). | | | | | |
| | | $Na_2S_2O_3$ | | | | | | | | |
| | | ZnAcetate | - | - | | | **VOAs and 1664 Not to be tested before analysis. Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives). | | | |
| | | HCl | ** | ** | | | | | | |

Bottle lot numbers: 041023-ITW, 100223-ISR
Explain all Discrepancies/ Other Comments:

| | |
|---|---|
| HPROD | BULK |
| HTR | FLDT |
| SUB | HGFB |
| ALS | LL3541 |

Labels secondary reviewed by: RR
PC Secondary Review: JMS 11/4/23

*significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

# Miscellaneous Forms

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

# REPORT QUALIFIERS AND DEFINITIONS

| | |
|---|---|
| U | Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative. |
| J | Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors). |
| B | Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result. |
| E | Inorganics- Concentration is estimated due to the serial dilution was outside control limits. |
| E | Organics- Concentration has exceeded the calibration range for that specific analysis. |
| D | Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed. |
| * | Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time. |
| H | Analysis was performed out of hold time for tests that have an "immediate" hold time criteria. |
| # | Spike was diluted out. |
| + | Correlation coefficient for MSA is <0.995. |
| N | Inorganics- Matrix spike recovery was outside laboratory limits. |
| N | Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search. |
| S | Concentration has been determined using Method of Standard Additions (MSA). |
| W | Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance. |
| P | Concentration >40% difference between the two GC columns. |
| C | Confirmed by GC/MS |
| Q | DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns). |
| X | See Case Narrative for discussion. |
| MRL<br>LOQ | Method Reporting Limit. Also known as:<br>Limit of Quantitation (LOQ)<br>The lowest concentration at which the method analyte may be reliably quantified under the method conditions. |
| MDL | Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier). |
| LOD | Limit of Detection. A value at or above the MDL which has been verified to be detectable. |
| ND | Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier. |

## Rochester Lab ID # for State Accreditations[1]

| NELAP States |
|---|
| Florida ID # E87674 |
| New Hampshire ID # 2941 |
| New York ID # 10145 |
| Pennsylvania ID# 68-786 |
| Virginia #460167 |

| Non-NELAP States |
|---|
| Connecticut ID #PH0556 |
| Delaware Approved |
| Maine ID #NY01587 |
| North Carolina #36701 |
| North Carolina #676 |
| Rhode Island LAO00333 |

[1] Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory. To verify NH accredited analytes, go to https://www4.des.state.nh.us/CertifiedLabs/Certified-Method.aspx.

# ALS Laboratory Group

**Acronyms**

| | |
|---|---|
| ASTM | American Society for Testing and Materials |
| A2LA | American Association for Laboratory Accreditation |
| CARB | California Air Resources Board |
| CAS Number | Chemical Abstract Service registry Number |
| CFC | Chlorofluorocarbon |
| CFU | Colony-Forming Unit |
| DEC | Department of Environmental Conservation |
| DEQ | Department of Environmental Quality |
| DHS | Department of Health Services |
| DOE | Department of Ecology |
| DOH | Department of Health |
| EPA | U. S. Environmental Protection Agency |
| ELAP | Environmental Laboratory Accreditation Program |
| GC | Gas Chromatography |
| GC/MS | Gas Chromatography/Mass Spectrometry |
| LUFT | Leaking Underground Fuel Tank |
| M | Modified |
| MCL | Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA. |
| MDL | Method Detection Limit |
| MPN | Most Probable Number |
| MRL | Method Reporting Limit |
| NA | Not Applicable |
| NC | Not Calculated |
| NCASI | National Council of the Paper Industry for Air and Stream Improvement |
| ND | Not Detected |
| NIOSH | National Institute for Occupational Safety and Health |
| PQL | Practical Quantitation Limit |
| RCRA | Resource Conservation and Recovery Act |
| SIM | Selected Ion Monitoring |
| TPH | Total Petroleum Hydrocarbons |
| tr | Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL. |

Analyst Summary report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | | |

| | | | |
|---|---|---|---|
| **Sample Name:** | Logoon Comp 1 | **Date Collected:** | 11/1/23 |
| **Lab Code:** | R2310212-001 | **Date Received:** | 11/2/23 |
| **Sample Matrix:** | Soil | | |

| Analysis Method | Extracted/Digested By | Analyzed By |
|---|---|---|
| 6010C | CDISTEFANO | NMANSEN |
| 7470A | ECASTROVINCI | ECASTROVINCI |
| 8081B | EDEGRAY | AFELSER |
| 8151A | AFELSER | AFELSER |
| 8260C | | FNAEGLER |
| 8270D | EDEGRAY | AMOSES |
| 9045D | | SBIRNBERG |

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

**Water/Liquid Matrix**

| Analytical Method | Preparation Method |
|---|---|
| 200.7 | 200.2 |
| 200.8 | 200.2 |
| 6010C | 3005A/3010A |
| 6020A | ILM05.3 |
| 9034 Sulfide Acid Soluble | 9030B |
| SM 4500-CN-E Residual Cyanide | SM 4500-CN-G |
| SM 4500-CN-E WAD Cyanide | SM 4500-CN-I |

**Solid/Soil/Non-Aqueous Matrix**

| Analytical Method | Preparation Method |
|---|---|
| 6010C | 3050B |
| 6020A | 3050B |
| 6010C TCLP (1311) extract | 3005A/3010A |
| 6010 SPLP (1312) extract | 3005A/3010A |
| 7199 | 3060A |
| 300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions | DI extraction |
| For analytical methods not listed, the preparation method is the same as the analytical method reference. | |

# Sample Results

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# Volatile Organic Compounds by GC/MS

**ALS Environmental—Rochester Laboratory**
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Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | 11/01/23 12:30 |
| **Sample Matrix:** | Soil | **Date Received:** | 11/02/23 15:10 |
| **Sample Name:** | Logoon Comp 1 | **Units:** | ug/L |
| **Lab Code:** | R2310212-001 | **Basis:** | As Received |

## TCLP Volatile Organics by GC/MS

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8260C | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 5030C | **Pre-Prep Date:** | 11/13/23 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Q |
|---|---|---|---|---|---|
| Vinyl Chloride | 50 U | 50 | 10 | 11/22/23 18:37 | |
| 1,1-Dichloroethene (1,1-DCE) | 50 U | 50 | 10 | 11/22/23 18:37 | |
| 2-Butanone (MEK) | 100 U | 100 | 10 | 11/22/23 18:37 | |
| Chloroform | 50 U | 50 | 10 | 11/22/23 18:37 | |
| Carbon Tetrachloride | 50 U | 50 | 10 | 11/22/23 18:37 | |
| Benzene | 50 U | 50 | 10 | 11/22/23 18:37 | |
| 1,2-Dichloroethane | 50 U | 50 | 10 | 11/22/23 18:37 | |
| Trichloroethene (TCE) | 50 U | 50 | 10 | 11/22/23 18:37 | |
| Tetrachloroethene (PCE) | 50 U | 50 | 10 | 11/22/23 18:37 | |
| Chlorobenzene | 50 U | 50 | 10 | 11/22/23 18:37 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Dibromofluoromethane | 99 | 80 - 116 | 11/22/23 18:37 | |
| Toluene-d8 | 99 | 87 - 121 | 11/22/23 18:37 | |
| 4-Bromofluorobenzene | 102 | 85 - 122 | 11/22/23 18:37 | |

# Semivolatile Organic Compounds by GC/MS

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Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | 11/01/23 12:30 |
| **Sample Matrix:** | Soil | **Date Received:** | 11/02/23 15:10 |
| **Sample Name:** | Logoon Comp 1 | **Units:** | ug/L |
| **Lab Code:** | R2310212-001 | **Basis:** | As Received |

## TCLP Semivolatile Organic Compounds by GC/MS

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8270D | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 3510C | **Pre-Prep Date:** | 11/11/23 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 1,4-Dichlorobenzene | 100 U | 100 | 1 | 11/17/23 15:57 | 11/16/23 | |
| 2,4,5-Trichlorophenol | 100 U | 100 | 1 | 11/17/23 15:57 | 11/16/23 | |
| 2,4,6-Trichlorophenol | 100 U | 100 | 1 | 11/17/23 15:57 | 11/16/23 | |
| 2,4-Dinitrotoluene | 100 U | 100 | 1 | 11/17/23 15:57 | 11/16/23 | |
| 2-Methylphenol | 100 U | 100 | 1 | 11/17/23 15:57 | 11/16/23 | |
| 3- and 4-Methylphenol Coelution | 100 U | 100 | 1 | 11/17/23 15:57 | 11/16/23 | |
| Hexachlorobenzene | 100 U | 100 | 1 | 11/17/23 15:57 | 11/16/23 | |
| Hexachlorobutadiene | 100 U | 100 | 1 | 11/17/23 15:57 | 11/16/23 | |
| Hexachloroethane | 100 U | 100 | 1 | 11/17/23 15:57 | 11/16/23 | |
| Nitrobenzene | 100 U | 100 | 1 | 11/17/23 15:57 | 11/16/23 | |
| Pentachlorophenol (PCP) | 500 U | 500 | 1 | 11/17/23 15:57 | 11/16/23 | |
| Pyridine | 500 U | 500 | 1 | 11/17/23 15:57 | 11/16/23 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 2,4,6-Tribromophenol | 44 | 35 - 141 | 11/17/23 15:57 | |
| 2-Fluorobiphenyl | 52 | 31 - 118 | 11/17/23 15:57 | |
| 2-Fluorophenol | 39 | 10 - 105 | 11/17/23 15:57 | |
| Nitrobenzene-d5 | 56 | 31 - 110 | 11/17/23 15:57 | |
| Phenol-d6 | 27 | 10 - 107 | 11/17/23 15:57 | |
| p-Terphenyl-d14 | 62 | 10 - 165 | 11/17/23 15:57 | |

# Semivolatile Organic Compounds by GC

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| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | 11/01/23 12:30 |
| **Sample Matrix:** | Soil | **Date Received:** | 11/02/23 15:10 |
| **Sample Name:** | Logoon Comp 1 | **Units:** | ug/L |
| **Lab Code:** | R2310212-001 | **Basis:** | As Received |

## TCLP Organochlorine Pesticides by Gas Chromatography

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8081B | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 3510C | **Pre-Prep Date:** | 11/11/23 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| Chlordane | 2.5 U | 2.5 | 1 | 11/27/23 14:18 | 11/15/23 | |
| Endrin | 0.50 U | 0.50 | 1 | 11/27/23 14:18 | 11/15/23 | |
| gamma-BHC (Lindane) | 0.50 U | 0.50 | 1 | 11/27/23 14:18 | 11/15/23 | |
| Heptachlor | 0.50 U | 0.50 | 1 | 11/27/23 14:18 | 11/15/23 | |
| Heptachlor Epoxide | 0.50 U | 0.50 | 1 | 11/27/23 14:18 | 11/15/23 | |
| Methoxychlor | 0.50 U | 0.50 | 1 | 11/27/23 14:18 | 11/15/23 | |
| Toxaphene | 5.0 U | 5.0 | 1 | 11/27/23 14:18 | 11/15/23 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Decachlorobiphenyl | 40 | 10 - 111 | 11/27/23 14:18 | |
| Tetrachloro-m-xylene | 61 | 10 - 101 | 11/27/23 14:18 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | 11/01/23 12:30 |
| **Sample Matrix:** | Soil | **Date Received:** | 11/02/23 15:10 |
| **Sample Name:** | Logoon Comp 1 | **Units:** | ug/L |
| **Lab Code:** | R2310212-001 | **Basis:** | As Received |

## TCLP Chlorinated Herbicides by GC

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8151A | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | Method | **Pre-Prep Date:** | 11/11/23 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 2,4-D | 5.0 U | 5.0 | 1 | 11/14/23 21:43 | 11/13/23 | |
| 2,4,5-TP (Silvex) | 5.0 U | 5.0 | 1 | 11/14/23 21:43 | 11/13/23 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| DCAA | 69 | 12 - 131 | 11/14/23 21:43 | |

# Metals

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Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | 11/01/23 12:30 |
| **Sample Matrix:** | Soil | **Date Received:** | 11/02/23 15:10 |
| **Sample Name:** | Logoon Comp 1 | **Basis:** | As Received |
| **Lab Code:** | R2310212-001 | | |

**Toxicity Characteristics Leachate Procedure (TCLP)**

**Inorganic Parameters**

**Pre-Prep Method:** EPA 1311

| Analyte Name | Analysis Method | Result | Units | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|
| Arsenic | 6010C | 0.50 U | mg/L | 0.50 | 1 | 11/15/23 04:28 | 11/13/23 | |
| Barium | 6010C | **1.5** | mg/L | 1.0 | 1 | 11/15/23 04:28 | 11/13/23 | |
| Cadmium | 6010C | 0.10 U | mg/L | 0.10 | 1 | 11/15/23 04:28 | 11/13/23 | |
| Chromium | 6010C | 0.10 U | mg/L | 0.10 | 1 | 11/15/23 04:28 | 11/13/23 | |
| Lead | 6010C | **1.73** | mg/L | 0.10 | 1 | 11/15/23 04:28 | 11/13/23 | |
| Mercury | 7470A | 0.00030 U | mg/L | 0.00030 | 1 | 11/15/23 11:27 | 11/14/23 | |
| Selenium | 6010C | 0.50 U | mg/L | 0.50 | 1 | 11/15/23 04:28 | 11/13/23 | |
| Silver | 6010C | 0.10 U | mg/L | 0.10 | 1 | 11/15/23 04:28 | 11/13/23 | |

# General Chemistry

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Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | 11/01/23 12:30 |
| **Sample Matrix:** | Soil | **Date Received:** | 11/02/23 15:10 |
| **Sample Name:** | Logoon Comp 1 | **Basis:** | As Received |
| **Lab Code:** | R2310212-001 | | |

## Inorganic Parameters

| Analyte Name | Analysis Method | Result | Units | MRL | Dil. | Date Analyzed | Q |
|---|---|---|---|---|---|---|---|
| pH | 9045D | **7.90** | pH Units | - | 1 | 11/06/23 16:44 | H |

# QC Summary Forms

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# Volatile Organic Compounds by GC/MS

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**Client:** Sessler Environmental Services **Service Request:** R2310212
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## TCLP Volatile Organics by GC/MS

**Analysis Method:** 8260C
**Extraction Method:** EPA 5030C

| Sample Name | Lab Code | 4-Bromofluorobenzene 85 - 122 | Dibromofluoromethane 80 - 116 | Toluene-d8 87 - 121 |
|---|---|---|---|---|
| Logoon Comp 1 | R2310212-001 | 102 | 99 | 99 |
| Method Blank | RQ2314960-01 | 97 | 99 | 97 |
| Lab Control Sample | RQ2315474-07 | 102 | 102 | 102 |
| Method Blank | RQ2315474-08 | 99 | 98 | 98 |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2314960-01 | **Basis:** | As Received |

## TCLP Volatile Organics by GC/MS

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8260C | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 5030C | **Pre-Prep Date:** | 11/13/23 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Q |
|---|---|---|---|---|---|
| Vinyl Chloride | 5.0 U | 5.0 | 1 | 11/22/23 18:14 | |
| 1,1-Dichloroethene (1,1-DCE) | 5.0 U | 5.0 | 1 | 11/22/23 18:14 | |
| 2-Butanone (MEK) | 10 U | 10 | 1 | 11/22/23 18:14 | |
| Chloroform | 5.0 U | 5.0 | 1 | 11/22/23 18:14 | |
| Carbon Tetrachloride | 5.0 U | 5.0 | 1 | 11/22/23 18:14 | |
| Benzene | 5.0 U | 5.0 | 1 | 11/22/23 18:14 | |
| 1,2-Dichloroethane | 5.0 U | 5.0 | 1 | 11/22/23 18:14 | |
| Trichloroethene (TCE) | 5.0 U | 5.0 | 1 | 11/22/23 18:14 | |
| Tetrachloroethene (PCE) | 5.0 U | 5.0 | 1 | 11/22/23 18:14 | |
| Chlorobenzene | 5.0 U | 5.0 | 1 | 11/22/23 18:14 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Dibromofluoromethane | 99 | 80 - 116 | 11/22/23 18:14 | |
| Toluene-d8 | 97 | 87 - 121 | 11/22/23 18:14 | |
| 4-Bromofluorobenzene | 97 | 85 - 122 | 11/22/23 18:14 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2315474-08 | **Basis:** | As Received |

## TCLP Volatile Organics by GC/MS

**Analysis Method:** 8260C
**Prep Method:** EPA 5030C

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Q |
|---|---|---|---|---|---|
| Vinyl Chloride | 5.0 U | 5.0 | 1 | 11/22/23 12:56 | |
| 1,1-Dichloroethene (1,1-DCE) | 5.0 U | 5.0 | 1 | 11/22/23 12:56 | |
| 2-Butanone (MEK) | 10 U | 10 | 1 | 11/22/23 12:56 | |
| Chloroform | 5.0 U | 5.0 | 1 | 11/22/23 12:56 | |
| Carbon Tetrachloride | 5.0 U | 5.0 | 1 | 11/22/23 12:56 | |
| Benzene | 5.0 U | 5.0 | 1 | 11/22/23 12:56 | |
| 1,2-Dichloroethane | 5.0 U | 5.0 | 1 | 11/22/23 12:56 | |
| Trichloroethene (TCE) | 5.0 U | 5.0 | 1 | 11/22/23 12:56 | |
| Tetrachloroethene (PCE) | 5.0 U | 5.0 | 1 | 11/22/23 12:56 | |
| Chlorobenzene | 5.0 U | 5.0 | 1 | 11/22/23 12:56 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Dibromofluoromethane | 98 | 80 - 116 | 11/22/23 12:56 | |
| Toluene-d8 | 98 | 87 - 121 | 11/22/23 12:56 | |
| 4-Bromofluorobenzene | 99 | 85 - 122 | 11/22/23 12:56 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

**Service Request:** R2310212
**Date Analyzed:** 11/22/23

## Lab Control Sample Summary
## TCLP Volatile Organics by GC/MS

**Units:**ug/L
**Basis:**As Received

**Lab Control Sample**
RQ2315474-07

| Analyte Name | Analytical Method | Result | Spike Amount | % Rec | % Rec Limits |
|---|---|---|---|---|---|
| Vinyl Chloride | 8260C | 18.3 | 20.0 | 91 | 74-159 |
| 1,1-Dichloroethene (1,1-DCE) | 8260C | 20.3 | 20.0 | 102 | 69-142 |
| 2-Butanone (MEK) | 8260C | 16.3 | 20.0 | 82 | 61-137 |
| Chloroform | 8260C | 19.7 | 20.0 | 99 | 79-120 |
| Carbon Tetrachloride | 8260C | 26.1 | 20.0 | 131 * | 70-127 |
| Benzene | 8260C | 21.6 | 20.0 | 108 | 79-119 |
| 1,2-Dichloroethane | 8260C | 20.8 | 20.0 | 104 | 71-127 |
| Trichloroethene (TCE) | 8260C | 20.7 | 20.0 | 103 | 74-122 |
| Tetrachloroethene (PCE) | 8260C | 21.8 | 20.0 | 109 | 72-125 |
| Chlorobenzene | 8260C | 21.6 | 20.0 | 108 | 80-121 |

# Semivolatile Organic Compounds by GC/MS

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**Client:** Sessler Environmental Services **Service Request:** R2310212
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## TCLP Semivolatile Organic Compounds by GC/MS

**Analysis Method:** 8270D
**Extraction Method:** EPA 3510C

| Sample Name | Lab Code | 2,4,6-Tribromophenol 35 - 141 | 2-Fluorobiphenyl 31 - 118 | 2-Fluorophenol 10 - 105 |
|---|---|---|---|---|
| Logoon Comp 1 | R2310212-001 | 44 | 52 | 39 |
| Method Blank | RQ2314868-01 | 49 | 60 | 43 |
| Method Blank | RQ2315043-04 | 53 | 71 | 51 |
| Lab Control Sample | RQ2315043-05 | 73 | 86 | 59 |
| Duplicate Lab Control Sample | RQ2315043-06 | 58 | 70 | 51 |

**Client:** Sessler Environmental Services **Service Request:** R2310212
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## TCLP Semivolatile Organic Compounds by GC/MS

**Analysis Method:** 8270D
**Extraction Method:** EPA 3510C

| Sample Name | Lab Code | Nitrobenzene-d5 31 - 110 | Phenol-d6 10 - 107 | p-Terphenyl-d14 10 - 165 |
|---|---|---|---|---|
| Logoon Comp 1 | R2310212-001 | 56 | 27 | 62 |
| Method Blank | RQ2314868-01 | 62 | 29 | 71 |
| Method Blank | RQ2315043-04 | 74 | 34 | 86 |
| Lab Control Sample | RQ2315043-05 | 86 | 43 | 96 |
| Duplicate Lab Control Sample | RQ2315043-06 | 71 | 37 | 78 |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2314868-01 | **Basis:** | As Received |

## TCLP Semivolatile Organic Compounds by GC/MS

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8270D | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 3510C | **Pre-Prep Date:** | 11/11/23 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 1,4-Dichlorobenzene | 100 U | 100 | 1 | 11/17/23 17:57 | 11/16/23 | |
| 2,4,5-Trichlorophenol | 100 U | 100 | 1 | 11/17/23 17:57 | 11/16/23 | |
| 2,4,6-Trichlorophenol | 100 U | 100 | 1 | 11/17/23 17:57 | 11/16/23 | |
| 2,4-Dinitrotoluene | 100 U | 100 | 1 | 11/17/23 17:57 | 11/16/23 | |
| 2-Methylphenol | 100 U | 100 | 1 | 11/17/23 17:57 | 11/16/23 | |
| 3- and 4-Methylphenol Coelution | 100 U | 100 | 1 | 11/17/23 17:57 | 11/16/23 | |
| Hexachlorobenzene | 100 U | 100 | 1 | 11/17/23 17:57 | 11/16/23 | |
| Hexachlorobutadiene | 100 U | 100 | 1 | 11/17/23 17:57 | 11/16/23 | |
| Hexachloroethane | 100 U | 100 | 1 | 11/17/23 17:57 | 11/16/23 | |
| Nitrobenzene | 100 U | 100 | 1 | 11/17/23 17:57 | 11/16/23 | |
| Pentachlorophenol (PCP) | 500 U | 500 | 1 | 11/17/23 17:57 | 11/16/23 | |
| Pyridine | 500 U | 500 | 1 | 11/17/23 17:57 | 11/16/23 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 2,4,6-Tribromophenol | 49 | 35 - 141 | 11/17/23 17:57 | |
| 2-Fluorobiphenyl | 60 | 31 - 118 | 11/17/23 17:57 | |
| 2-Fluorophenol | 43 | 10 - 105 | 11/17/23 17:57 | |
| Nitrobenzene-d5 | 62 | 31 - 110 | 11/17/23 17:57 | |
| Phenol-d6 | 29 | 10 - 107 | 11/17/23 17:57 | |
| p-Terphenyl-d14 | 71 | 10 - 165 | 11/17/23 17:57 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2315043-04 | **Basis:** | As Received |

## TCLP Semivolatile Organic Compounds by GC/MS

**Analysis Method:** 8270D
**Prep Method:** EPA 3510C

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 1,4-Dichlorobenzene | 100 U | 100 | 1 | 11/17/23 14:21 | 11/16/23 | |
| 2,4,5-Trichlorophenol | 100 U | 100 | 1 | 11/17/23 14:21 | 11/16/23 | |
| 2,4,6-Trichlorophenol | 100 U | 100 | 1 | 11/17/23 14:21 | 11/16/23 | |
| 2,4-Dinitrotoluene | 100 U | 100 | 1 | 11/17/23 14:21 | 11/16/23 | |
| 2-Methylphenol | 100 U | 100 | 1 | 11/17/23 14:21 | 11/16/23 | |
| 3- and 4-Methylphenol Coelution | 100 U | 100 | 1 | 11/17/23 14:21 | 11/16/23 | |
| Hexachlorobenzene | 100 U | 100 | 1 | 11/17/23 14:21 | 11/16/23 | |
| Hexachlorobutadiene | 100 U | 100 | 1 | 11/17/23 14:21 | 11/16/23 | |
| Hexachloroethane | 100 U | 100 | 1 | 11/17/23 14:21 | 11/16/23 | |
| Nitrobenzene | 100 U | 100 | 1 | 11/17/23 14:21 | 11/16/23 | |
| Pentachlorophenol (PCP) | 500 U | 500 | 1 | 11/17/23 14:21 | 11/16/23 | |
| Pyridine | 500 U | 500 | 1 | 11/17/23 14:21 | 11/16/23 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 2,4,6-Tribromophenol | 53 | 35 - 141 | 11/17/23 14:21 | |
| 2-Fluorobiphenyl | 71 | 31 - 118 | 11/17/23 14:21 | |
| 2-Fluorophenol | 51 | 10 - 105 | 11/17/23 14:21 | |
| Nitrobenzene-d5 | 74 | 31 - 110 | 11/17/23 14:21 | |
| Phenol-d6 | 34 | 10 - 107 | 11/17/23 14:21 | |
| p-Terphenyl-d14 | 86 | 10 - 165 | 11/17/23 14:21 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

**Service Request:** R2310212
**Date Analyzed:** 11/17/23

## Duplicate Lab Control Sample Summary
## TCLP Semivolatile Organic Compounds by GC/MS

**Units:**ug/L
**Basis:**As Received

| | | Lab Control Sample | | | Duplicate Lab Control Sample | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | RQ2315043-05 | | | RQ2315043-06 | | | | | |
| **Analyte Name** | **Analytical Method** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| 1,4-Dichlorobenzene | 8270D | 576 | 800 | 72 | 494 | 800 | 62 | 10-124 | 15 | 30 |
| 2,4,5-Trichlorophenol | 8270D | 739 | 800 | 92 | 581 | 800 | 73 | 48-134 | 24 | 30 |
| 2,4,6-Trichlorophenol | 8270D | 766 | 800 | 96 | 605 | 800 | 76 | 44-135 | 24 | 30 |
| 2,4-Dinitrotoluene | 8270D | 858 | 800 | 107 | 696 | 800 | 87 | 54-130 | 21 | 30 |
| 2-Methylphenol | 8270D | 718 | 800 | 90 | 593 | 800 | 74 | 47-100 | 19 | 30 |
| 3- and 4-Methylphenol Coelution | 8270D | 657 | 800 | 82 | 546 | 800 | 68 | 40-92 | 18 | 30 |
| Hexachlorobenzene | 8270D | 771 | 800 | 96 | 609 | 800 | 76 | 53-123 | 23 | 30 |
| Hexachlorobutadiene | 8270D | 521 | 800 | 65 | 441 | 800 | 55 | 16-95 | 17 | 30 |
| Hexachloroethane | 8270D | 549 | 800 | 69 | 466 | 800 | 58 | 15-92 | 16 | 30 |
| Nitrobenzene | 8270D | 765 | 800 | 96 | 627 | 800 | 78 | 46-108 | 20 | 30 |
| Pentachlorophenol (PCP) | 8270D | 534 | 800 | 67 | 413 J | 800 | 52 | 29-164 | 26 | 30 |
| Pyridine | 8270D | 538 | 800 | 67 | 431 J | 800 | 54 | 10-123 | 22 | 30 |

# Semivolatile Organic Compounds by GC

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

**Client:** Sessler Environmental Services **Service Request:** R2310212
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## TCLP Organochlorine Pesticides by Gas Chromatography

**Analysis Method:** 8081B
**Extraction Method:** EPA 3510C

| Sample Name | Lab Code | Decachlorobiphenyl 10 - 111 | Tetrachloro-m-xylene 10 - 101 |
|---|---|---|---|
| Logoon Comp 1 | R2310212-001 | 40 | 61 |
| Method Blank | RQ2314868-01 | 66 | 59 |
| Method Blank | RQ2315042-04 | 72 | 70 |
| Lab Control Sample | RQ2315042-05 | 63 | 66 |
| Duplicate Lab Control Sample | RQ2315042-06 | 70 | 67 |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2314868-01 | **Basis:** | As Received |

## TCLP Organochlorine Pesticides by Gas Chromatography

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8081B | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 3510C | **Pre-Prep Date:** | 11/11/23 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| Chlordane | 2.5 U | 2.5 | 1 | 11/27/23 15:47 | 11/15/23 | |
| Endrin | 0.50 U | 0.50 | 1 | 11/27/23 15:47 | 11/15/23 | |
| gamma-BHC (Lindane) | 0.50 U | 0.50 | 1 | 11/27/23 15:47 | 11/15/23 | |
| Heptachlor | 0.50 U | 0.50 | 1 | 11/27/23 15:47 | 11/15/23 | |
| Heptachlor Epoxide | 0.50 U | 0.50 | 1 | 11/27/23 15:47 | 11/15/23 | |
| Methoxychlor | 0.50 U | 0.50 | 1 | 11/27/23 15:47 | 11/15/23 | |
| Toxaphene | 5.0 U | 5.0 | 1 | 11/27/23 15:47 | 11/15/23 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Decachlorobiphenyl | 66 | 10 - 111 | 11/27/23 15:47 | |
| Tetrachloro-m-xylene | 59 | 10 - 101 | 11/27/23 15:47 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2315042-04 | **Basis:** | As Received |

## TCLP Organochlorine Pesticides by Gas Chromatography

**Analysis Method:** 8081B
**Prep Method:** EPA 3510C

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| Chlordane | 2.5 U | 2.5 | 1 | 11/27/23 13:08 | 11/15/23 | |
| Endrin | 0.50 U | 0.50 | 1 | 11/27/23 13:08 | 11/15/23 | |
| gamma-BHC (Lindane) | 0.50 U | 0.50 | 1 | 11/27/23 13:08 | 11/15/23 | |
| Heptachlor | 0.50 U | 0.50 | 1 | 11/27/23 13:08 | 11/15/23 | |
| Heptachlor Epoxide | 0.50 U | 0.50 | 1 | 11/27/23 13:08 | 11/15/23 | |
| Methoxychlor | 0.50 U | 0.50 | 1 | 11/27/23 13:08 | 11/15/23 | |
| Toxaphene | 5.0 U | 5.0 | 1 | 11/27/23 13:08 | 11/15/23 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Decachlorobiphenyl | 72 | 10 - 111 | 11/27/23 13:08 | |
| Tetrachloro-m-xylene | 70 | 10 - 101 | 11/27/23 13:08 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

**Service Request:** R2310212
**Date Analyzed:** 11/27/23

## Duplicate Lab Control Sample Summary
## TCLP Organochlorine Pesticides by Gas Chromatography

**Units:**ug/L
**Basis:**As Received

| | | Lab Control Sample | | | Duplicate Lab Control Sample | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | RQ2315042-05 | | | RQ2315042-06 | | | | | |
| **Analyte Name** | **Analytical Method** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| Endrin | 8081B | 4.16 | 4.00 | 104 | 4.09 | 4.00 | 102 | 47-116 | 2 | 30 |
| gamma-BHC (Lindane) | 8081B | 3.81 | 4.00 | 95 | 3.75 | 4.00 | 94 | 41-105 | 2 | 30 |
| Heptachlor | 8081B | 3.63 | 4.00 | 91 | 3.63 | 4.00 | 91 | 33-99 | <1 | 30 |
| Heptachlor Epoxide | 8081B | 3.76 | 4.00 | 94 | 3.75 | 4.00 | 94 | 46-111 | <1 | 30 |
| Methoxychlor | 8081B | 4.16 | 4.00 | 104 | 4.48 | 4.00 | 112 | 29-138 | 8 | 30 |

**Client:** Sessler Environmental Services **Service Request:** R2310212
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## TCLP Chlorinated Herbicides by GC

**Analysis Method:** 8151A
**Extraction Method:** Method

| Sample Name | Lab Code | DCAA 12 - 131 |
|---|---|---|
| Logoon Comp 1 | R2310212-001 | 69 |
| Method Blank | RQ2314868-01 | 60 |
| Method Blank | RQ2314913-01 | 66 |
| Lab Control Sample | RQ2314913-02 | 83 |
| Duplicate Lab Control Sample | RQ2314913-03 | 38 |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2314868-01 | **Basis:** | As Received |

## TCLP Chlorinated Herbicides by GC

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8151A | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | Method | **Pre-Prep Date:** | 11/11/23 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 2,4-D | 5.0 U | 5.0 | 1 | 11/15/23 00:28 | 11/13/23 | |
| 2,4,5-TP (Silvex) | 5.0 U | 5.0 | 1 | 11/15/23 00:28 | 11/13/23 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| DCAA | 60 | 12 - 131 | 11/15/23 00:28 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2314913-01 | **Basis:** | As Received |

## TCLP Chlorinated Herbicides by GC

**Analysis Method:** 8151A
**Prep Method:** Method

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 2,4-D | 5.0 U | 5.0 | 1 | 11/14/23 19:46 | 11/13/23 | |
| 2,4,5-TP (Silvex) | 5.0 U | 5.0 | 1 | 11/14/23 19:46 | 11/13/23 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| DCAA | 66 | 12 - 131 | 11/14/23 19:46 | |

**ALS Group USA, Corp.**
**dba ALS Environmental**

QA/QC Report

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

**Service Request:** R2310212
**Date Analyzed:** 11/14/23

## Duplicate Lab Control Sample Summary
## TCLP Chlorinated Herbicides by GC

**Units:**ug/L
**Basis:**As Received

| | | | Lab Control Sample | | | Duplicate Lab Control Sample | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | RQ2314913-02 | | | RQ2314913-03 | | | | |
| **Analyte Name** | **Analytical Method** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| 2,4-D | 8151A | 29.3 | 40.0 | 73 | 12.6 | 40.0 | 32 | 10-103 | 79* | 30 |
| 2,4,5-TP (Silvex) | 8151A | 33.2 | 40.0 | 83 | 15.2 | 40.0 | 38 | 13-124 | 75* | 30 |

# Metals

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Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Basis:** | As Received |
| **Lab Code:** | R2310212-MB1 | | |

**Toxicity Characteristics Leachate Procedure (TCLP)**

**Inorganic Parameters**

**Pre-Prep Method:** EPA 1311

| Analyte Name | Analysis Method | Result | | Units | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 6010C | 0.50 | U | mg/L | 0.50 | 1 | 11/15/23 04:12 | 11/13/23 | |
| Barium | 6010C | 1.0 | U | mg/L | 1.0 | 1 | 11/15/23 04:12 | 11/13/23 | |
| Cadmium | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 11/15/23 04:12 | 11/13/23 | |
| Chromium | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 11/15/23 04:12 | 11/13/23 | |
| Lead | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 11/15/23 04:12 | 11/13/23 | |
| Mercury | 7470A | 0.00030 | U | mg/L | 0.00030 | 1 | 11/15/23 11:09 | 11/14/23 | |
| Selenium | 6010C | 0.50 | U | mg/L | 0.50 | 1 | 11/15/23 04:12 | 11/13/23 | |
| Silver | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 11/15/23 04:12 | 11/13/23 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Basis:** | As Received |
| **Lab Code:** | R2310212-MB2 | | |

## Inorganic Parameters

| Analyte Name | Analysis Method | Result | | Units | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 6010C | 0.50 | U | mg/L | 0.50 | 1 | 11/15/23 04:02 | 11/13/23 | |
| Barium | 6010C | 1.0 | U | mg/L | 1.0 | 1 | 11/15/23 04:02 | 11/13/23 | |
| Cadmium | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 11/15/23 04:02 | 11/13/23 | |
| Chromium | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 11/15/23 04:02 | 11/13/23 | |
| Lead | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 11/15/23 04:02 | 11/13/23 | |
| Mercury | 7470A | 0.00030 | U | mg/L | 0.00030 | 1 | 11/15/23 10:36 | 11/14/23 | |
| Selenium | 6010C | 0.50 | U | mg/L | 0.50 | 1 | 11/15/23 04:02 | 11/13/23 | |
| Silver | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 11/15/23 04:02 | 11/13/23 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

**Service Request:** R2310212
**Date Analyzed:** 11/15/23

## Lab Control Sample Summary
## Inorganic Parameters

**Units:**mg/L
**Basis:**As Received

### Lab Control Sample
R2310212-LCS

| Analyte Name | Analytical Method | Result | Spike Amount | % Rec | % Rec Limits |
|---|---|---|---|---|---|
| Arsenic | 6010C | 0.97 | 1.00 | 97 | 80-120 |
| Barium | 6010C | 2.0 | 2.0 | 99 | 80-120 |
| Cadmium | 6010C | 0.51 | 0.50 | 102 | 80-120 |
| Chromium | 6010C | 0.50 | 0.50 | 99 | 80-120 |
| Lead | 6010C | 0.51 | 0.50 | 102 | 80-120 |
| Mercury | 7470A | 0.00106 | 0.00100 | 106 | 80-120 |
| Selenium | 6010C | 0.93 | 1.00 | 93 | 80-120 |
| Silver | 6010C | 0.26 | 0.25 | 103 | 80-120 |

# Subcontracted Analytical Parameters

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NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

Analytical Results Report For **ALS Environmental-Rochester**

Project R2310212
Workorder 3331608
Report ID 283549 on 11/17/2023

## Certificate of Analysis

Enclosed are the analytical results for samples received by the laboratory on Nov 07, 2023.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Sarah Leung (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

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ALS Middletown: 301 Fulling Mill Road, Middletown, PA 17057 : 717-944-5541.

Recipient(s):
Reports Invoices - ALS Environmental
Janice Jaeger - ALS Environmental-Rochester NY
Chris Leavy - ALS Environmental-Rochester

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

Sarah Leung

**Sarah Leung** *(ALS Digital Signature)*
Project Coordinator

## Sample Summary

| Lab ID | Sample ID | Matrix | Date Collected | Date Received | Collector | Collection Company |
|---|---|---|---|---|---|---|
| 3331608001 | Lagoon Comp 1 | Solid | 11/01/2023 12:30 | 11/07/2023 08:52 | CBC | Collected By Client |

## Reference

### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- Except as qualified, Clean Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 136, including but not limited to the following EPA Method reference revisions:
  EPA 300.1 Rev. 1.0-1997
  EPA 300.0 Rev. 2.1-1993
  EPA 353.2 Rev. 2.0-1993
  EPA 410.4 Rev. 1.0-1993
  EPA 420.4 Rev. 1.0-1993
  EPA 365.1 Rev. 2.0-1993
  EPA 200.7 Rev. 4.4-1994
  EPA 200.8 Rev. 5.4-1994
  EPA 245.1 Rev. 3.0-1994
- Except as qualified, Safe Drinking Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 141.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix “S” followed by a method number (such as S2310B-97) refer to methods from “Standard Methods for the Examination of Water and Wastewater”.
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.

### Standard Acronyms/Flags

| | |
|---|---|
| J | Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte |
| U | Indicates that the analyte was Not Detected (ND) above the MDL |
| N | Indicates presumptive evidence of the presence of a compound |
| MDL | Method Detection Limit |
| PQL | Practical Quantitation Limit |
| RDL | Practical Quantitation Limit for this Project |
| ND | Not Detected - indicates that the analyte was Not Detected |
| Cntr | Analysis was performed using this container |
| RegLmt | Regulatory Limit |
| LCS | Laboratory Control Sample |
| MS | Matrix Spike |
| MSD | Matrix Spike Duplicate |
| DUP | Sample Duplicate |
| %Rec | Percent Recovery |
| RPD | Relative Percent Difference |
| LOD | DoD Limit of Detection |
| LOQ | DoD Limit of Quantitation |
| DL | DoD Detection Limit |
| I | Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL) |
| (S) | Surrogate Compound |
| NC | Not Calculated |
| * | Result outside of QC limits |
| # | Please reference the result in the Results Section for analyte-level flags. |

## Project Notations

## Sample Notations

| Lab ID | Sample ID |
|---|---|

## Result Notations

| Notation Ref. | |
|---|---|
| 1 | According to Pa/USEPA regulations, this sample is not considered to be ignitable. (Ref 40 CFR 261.21) |
| 2 | The QC sample type DUP for method S2540G-11 was outside the control limits for the analyte Moisture. The RPD was reported as 14.4 and the upper control limit is 10. |

## Detected Results Summary

| | | | |
|---|---|---|---|
| Client Sample ID | Lagoon Comp 1 | Collected | 11/01/2023 12:30 |
| Lab Sample ID | 3331608001 | Lab Receipt | 11/07/2023 08:52 |

| Compound | Result | Units | RDL | Method | Flag |
|---|---|---|---|---|---|
| **WET CHEMISTRY** | | | | | |
| Moisture | 15.3 | % | 0.1 | S2540G-11 | # |
| Total Solids | 84.7 | % | 0.1 | S2540G-11 | # |

## Results

| | | | |
|---|---|---|---|
| Client Sample ID | Lagoon Comp 1 | Collected | 11/01/2023 12:30 |
| Lab Sample ID | 3331608001 | Lab Receipt | 11/07/2023 08:52 |

## WET CHEMISTRY

| Compound | Result | Flag | Units | RDL | Method | Dilution | Analysis Date/Time | By | Cntr |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide, Reactive | ND | ND | mg/kg | 10 | SW-846 7.3CN | 1 | 11/15/2023 12:11 | JML | A |
| Ignitability | Not Ignitable | 1 | | | SW846 1030 | 1 | 11/09/2023 15:45 | E1R | A |
| Moisture | 15.3 | 2 | % | 0.1 | S2540G-11 | 1 | 11/08/2023 14:30 | LMD | A |
| Sulfide, Reactive | ND | ND | mg/kg | 6.2 | SW846 7.3 | 1 | 11/14/2023 09:14 | JMS | A |
| Total Solids | 84.7 | | % | 0.1 | S2540G-11 | 1 | 11/08/2023 14:30 | LMD | A |

## Sample - Method Cross Reference Table

| Lab ID | Sample ID | Analysis Method | Preparation Method | Leachate Method |
|---|---|---|---|---|
| 3331608001 | Lagoon Comp 1 | S2540G-11 | N/A | |
| | | SW846 1030 | N/A | |
| | | SW846 7.3 | SW846 7.3 | |
| | | SW-846 7.3CN | SW-846 7.3CN | |

## QUALITY CONTROL SAMPLES

## WET CHEMISTRY

**QC Batch**

| | | | |
|---|---|---|---|
| QC Batch | 1084601 | Prep Method | N/A |
| Date | N/A | Analysis Method | S2540G-11 |
| Tech. | | | |

**Associated Samples**

3331608001

***Duplicate*** 3746803 (DUP) 3331608001 For QC Batch 1084601

****NOTE - The Original Result and Duplicate Result shown below are raw results and are only used for the purpose of calculating Sample Duplicate percent recoveries. This result is not a final value and cannot be used as such.

*RESULTS*

| Compound | CAS No | | Result (%) | Orig. Result (%) | | Qualifiers |
|---|---|---|---|---|---|---|
| Moisture | MOISTURE | DUP | 17.6352 | 15.2591 | RPD 14.40* (Max-10) | |
| Total Solids | TSP | DUP | 82.3647 | 84.7408 | RPD 2.84 (Max-5) | |

**QC Batch**

| | | | |
|---|---|---|---|
| QC Batch | 1086035 | Prep Method | N/A |
| Date | N/A | Analysis Method | SW846 1030 |
| Tech. | | | |

**Associated Samples**

3331608001

***Duplicate*** 3748340 (DUP) 3329733056 (non-Project Sample) For QC Batch 1086035

****NOTE - The Original Result and Duplicate Result shown below are raw results and are only used for the purpose of calculating Sample Duplicate percent recoveries. This result is not a final value and cannot be used as such.

*RESULTS*

| Compound | CAS No | | Qualifiers |
|---|---|---|---|
| Ignitability | IGN | DUP | |

***Duplicate*** 3748341 (DUP) 3331746002 (non-Project Sample) For QC Batch 1086035

****NOTE - The Original Result and Duplicate Result shown below are raw results and are only used for the purpose of calculating Sample Duplicate percent recoveries. This result is not a final value and cannot be used as such.

*RESULTS*

| Compound | CAS No | | Qualifiers |
|---|---|---|---|
| Ignitability | IGN | DUP | |

# QUALITY CONTROL SAMPLES

## WET CHEMISTRY (cont.)

**QC Batch**

| | | | |
|---|---|---|---|
| QC Batch | 1088834 | Prep Method | SW-846 7.3CN |
| Date | 11/13/2023 09:49 | Analysis Method | SW-846 7.3CN |
| Tech. | JMS | | |

**Associated Samples**

3331608001

***Duplicate*** 3749311 (DUP) 3332110001 (non-Project Sample) For QC Batch 1088834

****NOTE - The Original Result and Duplicate Result shown below are raw results and are only used for the purpose of calculating Sample Duplicate percent recoveries. This result is not a final value and cannot be used as such.

*RESULTS*

| Compound | CAS No | | Result (mg/kg) | Orig. Result (mg/kg) | | | | Qualifiers |
|---|---|---|---|---|---|---|---|---|
| Cyanide, Reactive | CNREACT | DUP | 0 | 0 | RPD | 0 | (Max-20) | ND |

***Method Blank*** 3749309 (MB) Created on 11/13/2023 09:47 For QC Batch 1088834

*RESULTS*

| Compound | CAS No | | Result | Units | RDL | Qualifiers |
|---|---|---|---|---|---|---|
| Cyanide, Reactive | CNREACT | BLK | ND | mg/kg | 10 | ND |

***Lab Control Standard*** 3749310 (LCS) Created on 11/13/2023 09:47 For QC Batch 1088834

*RESULTS*

| Compound | CAS No | | Result (mg/kg) | Orig. Result (mg/kg) | Spk Added (mg/kg) | Rec. (%) | Limits (%) | RPD Limit (%) | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide, Reactive | CNREACT | LCS | 0.96 | | 5 | 19.3 | 1 - 92 | | ND |

**QC Batch**

| | | | |
|---|---|---|---|
| QC Batch | 1088835 | Prep Method | SW846 7.3 |
| Date | 11/13/2023 09:49 | Analysis Method | SW846 7.3 |
| Tech. | JMS | | |

**Associated Samples**

3331608001

***Duplicate*** 3749314 (DUP) 3332110001 (non-Project Sample) For QC Batch 1088835

****NOTE - The Original Result and Duplicate Result shown below are raw results and are only used for the purpose of calculating Sample Duplicate percent recoveries. This result is not a final value and cannot be used as such.

*RESULTS*

| Compound | CAS No | Result (mg/kg) | Orig. Result (mg/kg) | Qualifiers |
|---|---|---|---|---|

## QUALITY CONTROL SAMPLES

### WET CHEMISTRY (cont.)

*RESULTS*

| Compound | CAS No | | Result (mg/kg) | Orig. Result (mg/kg) | | | Qualifiers |
|---|---|---|---|---|---|---|---|
| Sulfide, Reactive | SO2REACT | DUP | 0.8024 | 0.8036 | RPD 0.15 | (Max-20) | ND |

***Method Blank*** 3749312 (MB) Created on 11/13/2023 09:48 For QC Batch 1088835

*RESULTS*

| Compound | CAS No | | Result | Units | RDL | Qualifiers |
|---|---|---|---|---|---|---|
| Sulfide, Reactive | SO2REACT | BLK | ND | mg/kg | 6.2 | ND |

***Lab Control Standard*** 3749313 (LCS) Created on 11/13/2023 09:48 For QC Batch 1088835

*RESULTS*

| Compound | CAS No | | Result (mg/kg) | Orig. Result (mg/kg) | Spk Added (mg/kg) | Rec. (%) | Limits (%) | RPD Limit (%) | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|
| Sulfide, Reactive | SO2REACT | LCS | 255 | | 285 | 89.5 | 49 - 148 | | |

## QUALITY CONTROL DATA CROSS REFERENCE TABLE

| Lab ID | Sample ID | Preparation Method | Prep Batch | Prep Date/Time | By | Analysis Method | Anly Batch |
|---|---|---|---|---|---|---|---|
| 3331608001 | Lagoon Comp 1 | N/A | N/A | N/A | | S2540G-11 | 1084601 |
| | | N/A | N/A | N/A | | SW846 1030 | 1086035 |
| | | SW846 7.3 | 1088835 | 11/13/2023 09:49 | JMS | SW846 7.3 | 1088878 |
| | | SW-846 7.3CN | 1088834 | 11/13/2023 09:49 | JMS | SW-846 7.3CN | 1089172 |

# ALS Environmental Chain of Custody

1565 Jefferson Rd, Building 300 • Rochester, NY 14623 • 585-288-5380 • FAX 585-288-8475

A 3331608

Logged By: MJE

PM: SSL

11/7/2023 2:01 PM

**Project Number:** R2310212
**Project Manager:** Janice Jaeger
**QAP:** LAB QAP

| Lab Code | Sample ID | # of Cont. | Matrix | Sample Date | Sample Time | Lab ID | CN React 9014 | Ignitability 1030 | Sulfide React 9034 Modified |
|---|---|---|---|---|---|---|---|---|---|
| R2310212-001 | Logoon Comp 1 | 1 | Soil | 11/1/23 | 1230 | Middletown ALS | X | X | X |

Temp By: DD | WO Temp (°C): 3° | Therm ID: 523

Receipt Info Completed By: DD

| | |
|---|---|
| Cooler Custody Seal Intact | Y N NA |
| Sample Custody Seal Intact | Y N NA |
| Received on Ice | Y N NA |
| Cooler & Samples Intact | Y N |
| Correct Containers Provided | Y N |
| Sample Label/COC Agree | Y N |
| Adequate Sample Volumes | Y N |
| CR6 Samples Filtered | Y N NA |
| OP Samples Filtered | Y N NA |
| VOA Trip Blank | Y N NA |
| NJ≤ 4 Days? | Y N |
| Rad Screen (uCi) | — |

Courier/Tracking #: 7127 0653 9883

| | |
|---|---|
| SDWA Compliance | Y N |
| PWSID | |
| WV Containers 0-6°C | Y N NA |

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**Special Instructions/Comments**

H - Test is On Hold  P - Test is Authorized for Prep Only

**Turnaround Requirements**

____ **RUSH** (Surcharges Apply)

**PLEASE CIRCLE WORK DAYS**

1 2 3 4 5

X **STANDARD**

Requested FAX Date: _____

Requested Report Date: 11/14/23

**Report Requirements**

____ I. Results Only

X II. Results + QC Summaries

____ III. Results + QC and Calibration Summaries

____ IV. Data Validation Report with Raw Data

PQL/MDL/J N

EDD N

**Invoice Information**

PO# 58R2310212

Bill to

Relinquished By: RPuhr 11/6/23

Received By: FEDEX → DD/ALS 11/7/23 0852

Airbill Number: _____

12 of 13

**R2310212**

3331608

**Ship To: Middletown ALS**
ALS Environmental - Middletown
301 Fulling Mill Rd.
Middletown, PA 17057

PC _____ Date 11/3/23
SMO RR Date 11/6/23

**Instructions:**

Ice ✓
Dry Ice _____
No Ice _____

**Shipping:**

Overnight ✓
2nd Day _____
Ground _____

Bill to Client Account _____



Comments:

# APPENDIX D

# CAMP MONITORING DATA

**Bisonite Paint Co,**
**CAMP Data: DustTrak II - UPWIND**
**July 18 - 26, 2024**

TrakPro Version 4.70 ASCII Data File

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 001 |
| Test Abbreviation: | MANUAL_001 |
| Start Date: | 7/18/2024 |
| Start Time: | 8:01:07 |
| Duration (dd:hh:mm:ss): | 0:06:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 27 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.002 |
| | Minimum: | -0.001 |
| | Time of Minimum: | 11:01:07 |
| | Date of Minimum: | 7/18/2024 |
| | Maximum: | 0.031 |
| | Time of Maximum: | 9:46:07 |
| | Date of Maximum: | 7/18/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/18/2024 | 8:16:07 | 0.007 |
| 7/18/2024 | 8:31:07 | 0.003 |
| 7/18/2024 | 8:46:07 | 0.001 |
| 7/18/2024 | 9:01:07 | 0.001 |
| 7/18/2024 | 9:16:07 | 0 |
| 7/18/2024 | 9:31:07 | 0.002 |
| 7/18/2024 | 9:46:07 | 0.031 |
| 7/18/2024 | 10:01:07 | 0 |
| 7/18/2024 | 10:16:07 | 0 |
| 7/18/2024 | 10:31:07 | 0 |

| | | |
|---|---|---|
| 7/18/2024 | 10:46:07 | 0 |
| 7/18/2024 | 11:01:07 | -0.001 |
| 7/18/2024 | 11:16:07 | 0.002 |
| 7/18/2024 | 11:31:07 | 0.001 |
| 7/18/2024 | 11:46:07 | -0.001 |
| 7/18/2024 | 12:01:07 | -0.001 |
| 7/18/2024 | 12:16:07 | -0.001 |
| 7/18/2024 | 12:31:07 | 0 |
| 7/18/2024 | 12:46:07 | 0 |
| 7/18/2024 | 13:01:07 | 0.002 |
| 7/18/2024 | 13:16:07 | 0 |
| 7/18/2024 | 13:31:07 | 0 |
| 7/18/2024 | 13:46:07 | 0 |
| 7/18/2024 | 14:01:07 | 0 |
| 7/18/2024 | 14:16:07 | 0 |
| 7/18/2024 | 14:31:07 | 0 |
| 7/18/2024 | 14:46:07 | 0 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 002 |
| Test Abbreviation: | MANUAL_002 |
| Start Date: | 7/19/2024 |
| Start Time: | 7:25:24 |
| Duration (dd:hh:mm:ss): | 0:06:00:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 24 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.008 |
| | Minimum: | 0 |
| | Time of Minimum: | 8:25:24 |
| | Date of Minimum: | 7/19/2024 |
| | Maximum: | 0.061 |
| | Time of Maximum: | 12:10:24 |
| | Date of Maximum: | 7/19/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 4/29/2024 |

| | | |
|---|---|---|
| Date | Time | AEROSOL |

| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
|---|---|---|
| 7/19/2024 | 7:40:24 | 0.01 |
| 7/19/2024 | 7:55:24 | 0.005 |
| 7/19/2024 | 8:10:24 | 0.002 |
| 7/19/2024 | 8:25:24 | 0 |
| 7/19/2024 | 8:40:24 | 0 |
| 7/19/2024 | 8:55:24 | 0.001 |
| 7/19/2024 | 9:10:24 | 0 |
| 7/19/2024 | 9:25:24 | 0.004 |
| 7/19/2024 | 9:40:24 | 0 |
| 7/19/2024 | 9:55:24 | 0.002 |
| 7/19/2024 | 10:10:24 | 0.009 |
| 7/19/2024 | 10:25:24 | 0 |
| 7/19/2024 | 10:40:24 | 0 |
| 7/19/2024 | 10:55:24 | 0.004 |
| 7/19/2024 | 11:10:24 | 0.01 |
| 7/19/2024 | 11:25:24 | 0.048 |
| 7/19/2024 | 11:40:24 | 0.001 |
| 7/19/2024 | 11:55:24 | 0 |
| 7/19/2024 | 12:10:24 | 0.061 |
| 7/19/2024 | 12:25:24 | 0.001 |
| 7/19/2024 | 12:40:24 | 0.002 |
| 7/19/2024 | 12:55:24 | 0.025 |
| 7/19/2024 | 13:10:24 | 0.004 |
| 7/19/2024 | 13:25:24 | 0.001 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 003 |
| Test Abbreviation: | MANUAL_003 |
| Start Date: | 7/22/2024 |
| Start Time: | 8:19:35 |
| Duration (dd:hh:mm:ss): | 0:04:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 19 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.01 |
| | Minimum: | 0.004 |
| | Time of Minimum: | 11:04:35 |
| | Date of Minimum: | 7/22/2024 |

| | | |
|---|---|---|
| | Maximum: | 0.024 |
| | Time of Maximum: | 8:34:35 |
| | Date of Maximum: | 7/22/2024 |
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/22/2024 | 8:34:35 | 0.024 |
| 7/22/2024 | 8:49:35 | 0.018 |
| 7/22/2024 | 9:04:35 | 0.016 |
| 7/22/2024 | 9:19:35 | 0.015 |
| 7/22/2024 | 9:34:35 | 0.013 |
| 7/22/2024 | 9:49:35 | 0.008 |
| 7/22/2024 | 10:04:35 | 0.014 |
| 7/22/2024 | 10:19:35 | 0.009 |
| 7/22/2024 | 10:34:35 | 0.011 |
| 7/22/2024 | 10:49:35 | 0.005 |
| 7/22/2024 | 11:04:35 | 0.004 |
| 7/22/2024 | 11:19:35 | 0.004 |
| 7/22/2024 | 11:34:35 | 0.004 |
| 7/22/2024 | 11:49:35 | 0.004 |
| 7/22/2024 | 12:04:35 | 0.005 |
| 7/22/2024 | 12:19:35 | 0.01 |
| 7/22/2024 | 12:34:35 | 0.006 |
| 7/22/2024 | 12:49:35 | 0.005 |
| 7/22/2024 | 13:04:35 | 0.006 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 004 |
| Test Abbreviation: | MANUAL_004 |
| Start Date: | 7/24/2024 |
| Start Time: | 7:20:12 |
| Duration (dd:hh:mm:ss): | 0:04:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 18 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.04 |

| | |
|---|---|
| Minimum: | 0.012 |
| Time of Minimum: | 10:05:12 |
| Date of Minimum: | 7/24/2024 |
| Maximum: | 0.213 |
| Time of Maximum: | 9:05:12 |
| Date of Maximum: | 7/24/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/24/2024 | 7:35:12 | 0.033 |
| 7/24/2024 | 7:50:12 | 0.033 |
| 7/24/2024 | 8:05:12 | 0.022 |
| 7/24/2024 | 8:20:12 | 0.018 |
| 7/24/2024 | 8:35:12 | 0.016 |
| 7/24/2024 | 8:50:12 | 0.015 |
| 7/24/2024 | 9:05:12 | 0.213 |
| 7/24/2024 | 9:20:12 | 0.16 |
| 7/24/2024 | 9:35:12 | 0.081 |
| 7/24/2024 | 9:50:12 | 0.019 |
| 7/24/2024 | 10:05:12 | 0.012 |
| 7/24/2024 | 10:20:12 | 0.012 |
| 7/24/2024 | 10:35:12 | 0.012 |
| 7/24/2024 | 10:50:12 | 0.013 |
| 7/24/2024 | 11:05:12 | 0.012 |
| 7/24/2024 | 11:20:12 | 0.012 |
| 7/24/2024 | 11:35:12 | 0.016 |
| 7/24/2024 | 11:50:12 | 0.012 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 005 |
| Test Abbreviation: | MANUAL_005 |
| Start Date: | 7/25/2024 |
| Start Time: | 7:56:08 |
| Duration (dd:hh:mm:ss): | 0:04:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 19 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |

| | | |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | -0.003 |
| | Minimum: | -0.006 |
| | Time of Minimum: | 9:26:08 |
| | Date of Minimum: | 7/25/2024 |
| | Maximum: | 0.012 |
| | Time of Maximum: | 8:11:08 |
| | Date of Maximum: | 7/25/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/25/2024 | 8:11:08 | 0.012 |
| 7/25/2024 | 8:26:08 | 0 |
| 7/25/2024 | 8:41:08 | -0.004 |
| 7/25/2024 | 8:56:08 | -0.005 |
| 7/25/2024 | 9:11:08 | -0.005 |
| 7/25/2024 | 9:26:08 | -0.006 |
| 7/25/2024 | 9:41:08 | -0.005 |
| 7/25/2024 | 9:56:08 | -0.005 |
| 7/25/2024 | 10:11:08 | -0.001 |
| 7/25/2024 | 10:26:08 | -0.003 |
| 7/25/2024 | 10:41:08 | -0.004 |
| 7/25/2024 | 10:56:08 | -0.003 |
| 7/25/2024 | 11:11:08 | -0.004 |
| 7/25/2024 | 11:26:08 | -0.004 |
| 7/25/2024 | 11:41:08 | -0.005 |
| 7/25/2024 | 11:56:08 | -0.004 |
| 7/25/2024 | 12:11:08 | -0.004 |
| 7/25/2024 | 12:26:08 | -0.004 |
| 7/25/2024 | 12:41:08 | -0.004 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 006 |
| Test Abbreviation: | MANUAL_006 |
| Start Date: | 7/25/2024 |
| Start Time: | 12:44:59 |
| Duration (dd:hh:mm:ss): | 0:01:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 7 |

Notes:

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | -0.006 |
| | Minimum: | -0.007 |
| | Time of Minimum: | 13:44:59 |
| | Date of Minimum: | 7/25/2024 |
| | Maximum: | -0.004 |
| | Time of Maximum: | 13:29:59 |
| | Date of Maximum: | 7/25/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/25/2024 | 12:59:59 | -0.005 |
| 7/25/2024 | 13:14:59 | -0.005 |
| 7/25/2024 | 13:29:59 | -0.004 |
| 7/25/2024 | 13:44:59 | -0.007 |
| 7/25/2024 | 13:59:59 | -0.006 |
| 7/25/2024 | 14:14:59 | -0.006 |
| 7/25/2024 | 14:29:59 | -0.006 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 007 |
| Test Abbreviation: | MANUAL_007 |
| Start Date: | 7/26/2024 |
| Start Time: | 7:58:39 |
| Duration (dd:hh:mm:ss): | 0:05:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 23 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | -0.031 |
| | Minimum: | -0.049 |
| | Time of Minimum: | 10:43:39 |
| | Date of Minimum: | 7/26/2024 |
| | Maximum: | 0.036 |

| | | | |
|---|---|---|---|
| | | Time of Maximum: | 10:13:39 |
| | | Date of Maximum: | 7/26/2024 |
| | | | |
| Calibration | | Sensor: | AEROSOL |
| | | Cal. date | 4/29/2024 |
| | | | |
| Date | | Time | AEROSOL |
| MM/dd/yyyy | | hh:mm:ss | mg/m^3 |
| | 7/26/2024 | 8:13:39 | -0.036 |
| | 7/26/2024 | 8:28:39 | -0.045 |
| | 7/26/2024 | 8:43:39 | -0.046 |
| | 7/26/2024 | 8:58:39 | -0.046 |
| | 7/26/2024 | 9:13:39 | -0.011 |
| | 7/26/2024 | 9:28:39 | -0.043 |
| | 7/26/2024 | 9:43:39 | -0.045 |
| | 7/26/2024 | 9:58:39 | -0.031 |
| | 7/26/2024 | 10:13:39 | 0.036 |
| | 7/26/2024 | 10:28:39 | -0.015 |
| | 7/26/2024 | 10:43:39 | -0.049 |
| | 7/26/2024 | 10:58:39 | -0.045 |
| | 7/26/2024 | 11:13:39 | -0.042 |
| | 7/26/2024 | 11:28:39 | 0.016 |
| | 7/26/2024 | 11:43:39 | -0.043 |
| | 7/26/2024 | 11:58:39 | -0.029 |
| | 7/26/2024 | 12:13:39 | -0.024 |
| | 7/26/2024 | 12:28:39 | -0.04 |
| | 7/26/2024 | 12:43:39 | -0.046 |
| | 7/26/2024 | 12:58:39 | -0.045 |
| | 7/26/2024 | 13:13:39 | -0.043 |
| | 7/26/2024 | 13:28:39 | -0.033 |
| | 7/26/2024 | 13:43:39 | 0.003 |

**Bisonite Paint Co.**
**CAMP Data: DustTrac- DOWN WIND**
**July 18 - 26, 2024**

TrakPro Version 4.70 ASCII Data File

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 1 |
| Test Abbreviation: | MANUAL_001 |
| Start Date: | 7/18/2024 |
| Start Time: | 7:52:24 |
| Duration (dd:hh:mm: | 0:07:15:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 29 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.021 |
| | Minimum: | 0.009 |
| | Time of Minimum: | 8:07:24 |
| | Date of Minimum: | 7/18/2024 |
| | Maximum: | 0.073 |
| | Time of Maximum: | 15:07:24 |
| | Date of Maximum: | 7/18/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/18/2024 | 8:07:24 | 0.009 |
| 7/18/2024 | 8:22:24 | 0.009 |
| 7/18/2024 | 8:37:24 | 0.017 |
| 7/18/2024 | 8:52:24 | 0.01 |
| 7/18/2024 | 9:07:24 | 0.011 |
| 7/18/2024 | 9:22:24 | 0.013 |
| 7/18/2024 | 9:37:24 | 0.012 |
| 7/18/2024 | 9:52:24 | 0.015 |
| 7/18/2024 | 10:07:24 | 0.014 |
| 7/18/2024 | 10:22:24 | 0.016 |
| 7/18/2024 | 10:37:24 | 0.017 |
| 7/18/2024 | 10:52:24 | 0.016 |
| 7/18/2024 | 11:07:24 | 0.02 |
| 7/18/2024 | 11:22:24 | 0.017 |
| 7/18/2024 | 11:37:24 | 0.022 |

| | | |
|---|---|---|
| 7/18/2024 | 11:52:24 | 0.015 |
| 7/18/2024 | 12:07:24 | 0.016 |
| 7/18/2024 | 12:22:24 | 0.017 |
| 7/18/2024 | 12:37:24 | 0.018 |
| 7/18/2024 | 12:52:24 | 0.019 |
| 7/18/2024 | 13:07:24 | 0.019 |
| 7/18/2024 | 13:22:24 | 0.018 |
| 7/18/2024 | 13:37:24 | 0.024 |
| 7/18/2024 | 13:52:24 | 0.052 |
| 7/18/2024 | 14:07:24 | 0.019 |
| 7/18/2024 | 14:22:24 | 0.028 |
| 7/18/2024 | 14:37:24 | 0.035 |
| 7/18/2024 | 14:52:24 | 0.04 |
| 7/18/2024 | 15:07:24 | 0.073 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 2 |
| Test Abbreviation: | MANUAL_002 |
| Start Date: | 7/19/2024 |
| Start Time: | 7:22:32 |
| Duration (dd:hh:mm: | 0:06:00:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 24 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.019 |
| | Minimum: | 0.012 |
| | Time of Minimum: | 8:37:32 |
| | Date of Minimum: | 7/19/2024 |
| | Maximum: | 0.026 |
| | Time of Maximum: | 11:37:32 |
| | Date of Maximum: | 7/19/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/19/2024 | 7:37:32 | 0.016 |
| 7/19/2024 | 7:52:32 | 0.014 |
| 7/19/2024 | 8:07:32 | 0.015 |
| 7/19/2024 | 8:22:32 | 0.013 |
| 7/19/2024 | 8:37:32 | 0.012 |
| 7/19/2024 | 8:52:32 | 0.013 |

| | | |
|---|---|---|
| 7/19/2024 | 9:07:32 | 0.012 |
| 7/19/2024 | 9:22:32 | 0.015 |
| 7/19/2024 | 9:37:32 | 0.016 |
| 7/19/2024 | 9:52:32 | 0.019 |
| 7/19/2024 | 10:07:32 | 0.023 |
| 7/19/2024 | 10:22:32 | 0.019 |
| 7/19/2024 | 10:37:32 | 0.021 |
| 7/19/2024 | 10:52:32 | 0.02 |
| 7/19/2024 | 11:07:32 | 0.021 |
| 7/19/2024 | 11:22:32 | 0.022 |
| 7/19/2024 | 11:37:32 | 0.026 |
| 7/19/2024 | 11:52:32 | 0.021 |
| 7/19/2024 | 12:07:32 | 0.022 |
| 7/19/2024 | 12:22:32 | 0.021 |
| 7/19/2024 | 12:37:32 | 0.02 |
| 7/19/2024 | 12:52:32 | 0.022 |
| 7/19/2024 | 13:07:32 | 0.021 |
| 7/19/2024 | 13:22:32 | 0.021 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 3 |
| Test Abbreviation: | MANUAL_003 |
| Start Date: | 7/22/2024 |
| Start Time: | 8:15:32 |
| Duration (dd:hh:mm: | 0:05:00:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 20 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.035 |
| | Minimum: | 0.029 |
| | Time of Minimum: | 10:00:32 |
| | Date of Minimum: | 7/22/2024 |
| | Maximum: | 0.081 |
| | Time of Maximum: | 8:30:32 |
| | Date of Maximum: | 7/22/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/22/2024 | 8:30:32 | 0.081 |

| | | |
|---|---|---|
| 7/22/2024 | 8:45:32 | 0.032 |
| 7/22/2024 | 9:00:32 | 0.031 |
| 7/22/2024 | 9:15:32 | 0.034 |
| 7/22/2024 | 9:30:32 | 0.032 |
| 7/22/2024 | 9:45:32 | 0.032 |
| 7/22/2024 | 10:00:32 | 0.029 |
| 7/22/2024 | 10:15:32 | 0.029 |
| 7/22/2024 | 10:30:32 | 0.032 |
| 7/22/2024 | 10:45:32 | 0.033 |
| 7/22/2024 | 11:00:32 | 0.031 |
| 7/22/2024 | 11:15:32 | 0.031 |
| 7/22/2024 | 11:30:32 | 0.032 |
| 7/22/2024 | 11:45:32 | 0.033 |
| 7/22/2024 | 12:00:32 | 0.034 |
| 7/22/2024 | 12:15:32 | 0.034 |
| 7/22/2024 | 12:30:32 | 0.035 |
| 7/22/2024 | 12:45:32 | 0.038 |
| 7/22/2024 | 13:00:32 | 0.036 |
| 7/22/2024 | 13:15:32 | 0.037 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 4 |
| Test Abbreviation: | MANUAL_004 |
| Start Date: | 7/24/2024 |
| Start Time: | 9:22:26 |
| Duration (dd:hh:mm: | 0:02:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 11 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.042 |
| | Minimum: | 0.035 |
| | Time of Minimum: | 10:07:26 |
| | Date of Minimum: | 7/24/2024 |
| | Maximum: | 0.055 |
| | Time of Maximum: | 11:37:26 |
| | Date of Maximum: | 7/24/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 1/25/2024 |

| | | |
|---|---|---|
| Date | Time | AEROSOL |
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |

| | | |
|---|---|---|
| 7/24/2024 | 9:37:26 | 0.047 |
| 7/24/2024 | 9:52:26 | 0.037 |
| 7/24/2024 | 10:07:26 | 0.035 |
| 7/24/2024 | 10:22:26 | 0.036 |
| 7/24/2024 | 10:37:26 | 0.038 |
| 7/24/2024 | 10:52:26 | 0.038 |
| 7/24/2024 | 11:07:26 | 0.039 |
| 7/24/2024 | 11:22:26 | 0.042 |
| 7/24/2024 | 11:37:26 | 0.055 |
| 7/24/2024 | 11:52:26 | 0.043 |
| 7/24/2024 | 12:07:26 | 0.048 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 5 |
| Test Abbreviation: | MANUAL_005 |
| Start Date: | 7/25/2024 |
| Start Time: | 7:52:24 |
| Duration (dd:hh:mm: | 0:06:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 27 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.022 |
| | Minimum: | 0.009 |
| | Time of Minimum: | 8:52:24 |
| | Date of Minimum: | 7/25/2024 |
| | Maximum: | 0.076 |
| | Time of Maximum: | 8:37:24 |
| | Date of Maximum: | 7/25/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/25/2024 | 8:07:24 | 0.03 |
| 7/25/2024 | 8:22:24 | 0.018 |
| 7/25/2024 | 8:37:24 | 0.076 |
| 7/25/2024 | 8:52:24 | 0.009 |
| 7/25/2024 | 9:07:24 | 0.011 |
| 7/25/2024 | 9:22:24 | 0.012 |
| 7/25/2024 | 9:37:24 | 0.013 |
| 7/25/2024 | 9:52:24 | 0.013 |

| | | |
|---|---|---|
| 7/25/2024 | 10:07:24 | 0.017 |
| 7/25/2024 | 10:22:24 | 0.017 |
| 7/25/2024 | 10:37:24 | 0.018 |
| 7/25/2024 | 10:52:24 | 0.019 |
| 7/25/2024 | 11:07:24 | 0.018 |
| 7/25/2024 | 11:22:24 | 0.018 |
| 7/25/2024 | 11:37:24 | 0.018 |
| 7/25/2024 | 11:52:24 | 0.019 |
| 7/25/2024 | 12:07:24 | 0.02 |
| 7/25/2024 | 12:22:24 | 0.02 |
| 7/25/2024 | 12:37:24 | 0.021 |
| 7/25/2024 | 12:52:24 | 0.022 |
| 7/25/2024 | 13:07:24 | 0.022 |
| 7/25/2024 | 13:22:24 | 0.028 |
| 7/25/2024 | 13:37:24 | 0.023 |
| 7/25/2024 | 13:52:24 | 0.028 |
| 7/25/2024 | 14:07:24 | 0.026 |
| 7/25/2024 | 14:22:24 | 0.024 |
| 7/25/2024 | 14:37:24 | 0.027 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 6 |
| Test Abbreviation: | MANUAL_006 |
| Start Date: | 7/26/2024 |
| Start Time: | 7:55:59 |
| Duration (dd:hh:mm: | 0:06:00:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 24 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.03 |
| | Minimum: | 0.022 |
| | Time of Minimum: | 9:40:59 |
| | Date of Minimum: | 7/26/2024 |
| | Maximum: | 0.039 |
| | Time of Maximum: | 13:55:59 |
| | Date of Maximum: | 7/26/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 1/25/2024 |

| | | |
|---|---|---|
| Date | Time | AEROSOL |
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |

| | | |
|---|---|---|
| 7/26/2024 | 8:10:59 | 0.032 |
| 7/26/2024 | 8:25:59 | 0.028 |
| 7/26/2024 | 8:40:59 | 0.026 |
| 7/26/2024 | 8:55:59 | 0.023 |
| 7/26/2024 | 9:10:59 | 0.023 |
| 7/26/2024 | 9:25:59 | 0.024 |
| 7/26/2024 | 9:40:59 | 0.022 |
| 7/26/2024 | 9:55:59 | 0.024 |
| 7/26/2024 | 10:10:59 | 0.025 |
| 7/26/2024 | 10:25:59 | 0.025 |
| 7/26/2024 | 10:40:59 | 0.029 |
| 7/26/2024 | 10:55:59 | 0.028 |
| 7/26/2024 | 11:10:59 | 0.029 |
| 7/26/2024 | 11:25:59 | 0.03 |
| 7/26/2024 | 11:40:59 | 0.034 |
| 7/26/2024 | 11:55:59 | 0.035 |
| 7/26/2024 | 12:10:59 | 0.033 |
| 7/26/2024 | 12:25:59 | 0.034 |
| 7/26/2024 | 12:40:59 | 0.034 |
| 7/26/2024 | 12:55:59 | 0.035 |
| 7/26/2024 | 13:10:59 | 0.036 |
| 7/26/2024 | 13:25:59 | 0.037 |
| 7/26/2024 | 13:40:59 | 0.037 |
| 7/26/2024 | 13:55:59 | 0.039 |

**Bisonite Paint Co.**
**CAMP Data: PID - DOWN WIND**
**July 18 - 26, 2024**

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24/07/12 09:27

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

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| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 7/12/2024 9:27 |
| End | 7/12/2024 9:28 |
| Sample Period(s) | 60 |
| Number of Records | 0 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |

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Datalog

0 record.

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24/07/18 07:56

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Pause in Menu Mode |

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| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 7/18/2024 7:56 |
| End | 7/18/2024 7:56 |
| Sample Period(s) | 60 |
| Number of Records | 0 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |

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Datalog

0 record.

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24/07/18 07:57

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

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| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 7/18/2024 7:57 |
| End | 7/18/2024 15:20 |
| Sample Period(s) | 900 |
| Number of Records | 29 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 0.1 |
| Min | 0 |
| Average | 0 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 7/18/2024 8:12 | 0 | 0 | 0 |
| 002 | 7/18/2024 8:27 | 0 | 0.1 | 0 |
| 003 | 7/18/2024 8:42 | 0 | 0.8 | 0 |
| 004 | 7/18/2024 8:57 | 0 | 0 | 0 |
| 005 | 7/18/2024 9:12 | 0 | 0 | 0 |
| 006 | 7/18/2024 9:27 | 0 | 0.1 | 0.1 |

| | | | | |
|---|---|---|---|---|
| 007 | 7/18/2024 9:42 | 0.1 | 0.1 | 0.1 |
| 008 | 7/18/2024 9:57 | 0.1 | 0.1 | 0.1 |
| 009 | 7/18/2024 10:12 | 0.1 | 0.1 | 0.1 |
| 010 | 7/18/2024 10:27 | 0.1 | 0.1 | 0.1 |
| 011 | 7/18/2024 10:42 | 0 | 0.2 | 0 |
| 012 | 7/18/2024 10:57 | 0 | 0 | 0 |
| 013 | 7/18/2024 11:12 | 0 | 0 | 0 |
| 014 | 7/18/2024 11:27 | 0 | 0 | 0 |
| 015 | 7/18/2024 11:42 | 0 | 0 | 0 |
| 016 | 7/18/2024 11:57 | 0 | 0 | 0 |
| 017 | 7/18/2024 12:12 | 0 | 0 | 0 |
| 018 | 7/18/2024 12:27 | 0 | 0 | 0 |
| 019 | 7/18/2024 12:42 | 0 | 0 | 0 |
| 020 | 7/18/2024 12:57 | 0 | 0 | 0 |
| 021 | 7/18/2024 13:12 | 0 | 0 | 0 |
| 022 | 7/18/2024 13:27 | 0 | 0 | 0 |
| 023 | 7/18/2024 13:42 | 0 | 0 | 0 |
| 024 | 7/18/2024 13:57 | 0 | 0 | 0 |
| 025 | 7/18/2024 14:12 | 0 | 0 | 0 |
| 026 | 7/18/2024 14:27 | 0 | 0 | 0 |
| 027 | 7/18/2024 14:42 | 0 | 0 | 0 |
| 028 | 7/18/2024 14:57 | 0 | 0 | 0 |
| 029 | 7/18/2024 15:12 | 0 | 0 | 0 |
| Peak | | 0.1 | 0.8 | 0.1 |
| Min | | 0 | 0 | 0 |
| Average | | 0 | 0.1 | 0 |

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TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 7/18/2024 8:12 | 0 | 0 |
| 002 | 7/18/2024 8:27 | 0 | 0 |
| 003 | 7/18/2024 8:42 | 0 | 0 |
| 004 | 7/18/2024 8:57 | 0 | 0 |
| 005 | 7/18/2024 9:12 | 0 | 0 |
| 006 | 7/18/2024 9:27 | 0 | 0.1 |
| 007 | 7/18/2024 9:42 | 0 | 0.2 |
| 008 | 7/18/2024 9:57 | 0 | 0.2 |
| 009 | 7/18/2024 10:12 | 0 | 0.2 |
| 010 | 7/18/2024 10:27 | 0 | 0.2 |
| 011 | 7/18/2024 10:42 | 0 | 0.1 |
| 012 | 7/18/2024 10:57 | 0 | 0 |
| 013 | 7/18/2024 11:12 | 0 | 0 |

| | | | |
|---|---|---|---|
| 014 | 7/18/2024 11:27 | 0 | 0 |
| 015 | 7/18/2024 11:42 | 0 | 0 |
| 016 | 7/18/2024 11:57 | 0 | 0 |
| 017 | 7/18/2024 12:12 | 0 | 0 |
| 018 | 7/18/2024 12:27 | 0 | 0 |
| 019 | 7/18/2024 12:42 | 0 | 0 |
| 020 | 7/18/2024 12:57 | 0 | 0 |
| 021 | 7/18/2024 13:12 | 0 | 0 |
| 022 | 7/18/2024 13:27 | 0 | 0 |
| 023 | 7/18/2024 13:42 | 0 | 0 |
| 024 | 7/18/2024 13:57 | 0 | 0 |
| 025 | 7/18/2024 14:12 | 0 | 0 |
| 026 | 7/18/2024 14:27 | 0 | 0 |
| 027 | 7/18/2024 14:42 | 0 | 0 |
| 028 | 7/18/2024 14:57 | 0 | 0 |
| 029 | 7/18/2024 15:12 | 0 | 0 |

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24/07/19 07:28

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |

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| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 7/19/2024 7:28 |
| End | 7/19/2024 8:32 |
| Sample Period(s) | 900 |
| Number of Records | 4 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |

| | |
|---|---|
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 0 |
| Min | 0 |
| Average | 0 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 7/19/2024 7:43 | 0 | 0 | 0 |
| 002 | 7/19/2024 7:58 | 0 | 0 | 0 |
| 003 | 7/19/2024 8:13 | 0 | 0 | 0 |
| 004 | 7/19/2024 8:28 | 0 | 0 | 0 |
| Peak | | 0 | 0 | 0 |
| Min | | 0 | 0 | 0 |
| Average | | 0 | 0 | 0 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 7/19/2024 7:43 | 0 | 0 |
| 002 | 7/19/2024 7:58 | 0 | 0 |
| 003 | 7/19/2024 8:13 | 0 | 0 |
| 004 | 7/19/2024 8:28 | 0 | 0 |

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24/07/19 10:17

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 7/19/2024 10:17 |
| End | 7/19/2024 11:16 |
| Sample Period(s) | 900 |
| Number of Records | 3 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 0.1 |
| Min | 0.1 |
| Average | 0.1 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 7/19/2024 10:32 | 0.1 | 0.2 | 0.1 |
| 002 | 7/19/2024 10:47 | 0.1 | 0.1 | 0.1 |
| 003 | 7/19/2024 11:02 | 0.1 | 0.1 | 0.1 |
| Peak | | 0.1 | 0.2 | 0.1 |
| Min | | 0.1 | 0.1 | 0.1 |
| Average | | 0.1 | 0.1 | 0.1 |

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TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 7/19/2024 10:32 | 0 | 0.1 |
| 002 | 7/19/2024 10:47 | 0 | 0.2 |
| 003 | 7/19/2024 11:02 | 0 | 0.2 |

==========

24/07/23 09:42

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 7/23/2024 9:42 |
| End | 7/23/2024 9:42 |
| Sample Period(s) | 900 |
| Number of Records | 0 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |

**********

Datalog

0 record.

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24/07/24 09:33

**********

Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |

| | |
|---|---|
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

---

| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 7/24/2024 9:33 |
| End | 7/24/2024 12:20 |
| Sample Period(s) | 900 |
| Number of Records | 11 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 0.5 |
| Min | 0 |
| Average | 0.1 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 7/24/2024 9:48 | 0 | 0.3 | 0 |
| 002 | 7/24/2024 10:03 | 0 | 0.3 | 0 |
| 003 | 7/24/2024 10:18 | 0 | 0.1 | 0 |
| 004 | 7/24/2024 10:33 | 0 | 0.1 | 0 |
| 005 | 7/24/2024 10:48 | 0 | 0.1 | 0 |
| 006 | 7/24/2024 11:03 | 0 | 0.2 | 0.1 |
| 007 | 7/24/2024 11:18 | 0.1 | 0.2 | 0.1 |
| 008 | 7/24/2024 11:33 | 0.2 | 2 | 0.5 |

| | | | | |
|---|---|---|---|---|
| 009 | 7/24/2024 11:48 | 0.5 | 3.3 | 0.3 |
| 010 | 7/24/2024 12:03 | 0.2 | 1.4 | 0.1 |
| 011 | 7/24/2024 12:18 | 0.1 | 0.6 | 0.1 |
| Peak | | 0.5 | 3.3 | 0.5 |
| Min | | 0 | 0.1 | 0 |
| Average | | 0.1 | 0.8 | 0.1 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 7/24/2024 9:48 | 0 | 0 |
| 002 | 7/24/2024 10:03 | 0 | 0 |
| 003 | 7/24/2024 10:18 | 0 | 0 |
| 004 | 7/24/2024 10:33 | 0 | 0 |
| 005 | 7/24/2024 10:48 | 0 | 0 |
| 006 | 7/24/2024 11:03 | 0 | 0.1 |
| 007 | 7/24/2024 11:18 | 0 | 0.2 |
| 008 | 7/24/2024 11:33 | 0 | 0.6 |
| 009 | 7/24/2024 11:48 | 0 | 0.8 |
| 010 | 7/24/2024 12:03 | 0 | 0.4 |
| 011 | 7/24/2024 12:18 | 0 | 0.2 |

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24/07/25 08:03

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

---

| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 7/25/2024 8:03 |
| End | 7/25/2024 14:51 |
| Sample Period(s) | 900 |
| Number of Records | 27 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 1.4 |
| Min | 0 |
| Average | 0.4 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 7/25/2024 8:18 | 0 | 0 | 0 |
| 002 | 7/25/2024 8:33 | 0 | 0.1 | 0 |
| 003 | 7/25/2024 8:48 | 0.1 | 0.1 | 0.1 |
| 004 | 7/25/2024 9:03 | 0.1 | 0.1 | 0.1 |
| 005 | 7/25/2024 9:18 | 0.1 | 0.2 | 0.1 |
| 006 | 7/25/2024 9:33 | 0.2 | 0.2 | 0.2 |
| 007 | 7/25/2024 9:48 | 0.2 | 0.2 | 0.2 |
| 008 | 7/25/2024 10:03 | 0.2 | 0.6 | 0.2 |
| 009 | 7/25/2024 10:18 | 0.2 | 0.6 | 0.2 |
| 010 | 7/25/2024 10:33 | 0.2 | 0.4 | 0.3 |
| 011 | 7/25/2024 10:48 | 0.4 | 1.5 | 0.2 |
| 012 | 7/25/2024 11:03 | 0.4 | 1.2 | 0.5 |
| 013 | 7/25/2024 11:18 | 0.3 | 0.6 | 0.2 |
| 014 | 7/25/2024 11:33 | 0.3 | 0.7 | 0.6 |
| 015 | 7/25/2024 11:48 | 0.3 | 0.6 | 0.4 |
| 016 | 7/25/2024 12:03 | 0.5 | 2 | 1.1 |
| 017 | 7/25/2024 12:18 | 0.5 | 1.3 | 0.3 |
| 018 | 7/25/2024 12:33 | 0.4 | 0.9 | 0.5 |
| 019 | 7/25/2024 12:48 | 0.4 | 0.8 | 0.3 |
| 020 | 7/25/2024 13:03 | 0.4 | 0.7 | 0.5 |
| 021 | 7/25/2024 13:18 | 0.4 | 1.4 | 0.3 |
| 022 | 7/25/2024 13:33 | 0.6 | 1.3 | 1.1 |
| 023 | 7/25/2024 13:48 | 0.5 | 1.5 | 0.5 |
| 024 | 7/25/2024 14:03 | 0.7 | 2.9 | 0.7 |

| | | | | |
|---|---|---|---|---|
| 025 | 7/25/2024 14:18 | 1 | 2.9 | 0.6 |
| 026 | 7/25/2024 14:33 | 1.1 | 8.3 | 1.4 |
| 027 | 7/25/2024 14:48 | 1.9 | 5.5 | 1.3 |
| Peak | | 1.9 | 8.3 | 1.4 |
| Min | | 0 | 0 | 0 |
| Average | | 0.4 | 1.4 | 0.4 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 7/25/2024 8:18 | 0 | 0 |
| 002 | 7/25/2024 8:33 | 0 | 0 |
| 003 | 7/25/2024 8:48 | 0 | 0.1 |
| 004 | 7/25/2024 9:03 | 0 | 0.2 |
| 005 | 7/25/2024 9:18 | 0 | 0.2 |
| 006 | 7/25/2024 9:33 | 0 | 0.3 |
| 007 | 7/25/2024 9:48 | 0 | 0.4 |
| 008 | 7/25/2024 10:03 | 0 | 0.4 |
| 009 | 7/25/2024 10:18 | 0 | 0.4 |
| 010 | 7/25/2024 10:33 | 0 | 0.5 |
| 011 | 7/25/2024 10:48 | 0 | 0.5 |
| 012 | 7/25/2024 11:03 | 0.1 | 0.7 |
| 013 | 7/25/2024 11:18 | 0.1 | 0.7 |
| 014 | 7/25/2024 11:33 | 0.1 | 0.8 |
| 015 | 7/25/2024 11:48 | 0.1 | 1 |
| 016 | 7/25/2024 12:03 | 0.1 | 1.5 |
| 017 | 7/25/2024 12:18 | 0.1 | 1.4 |
| 018 | 7/25/2024 12:33 | 0.2 | 0.8 |
| 019 | 7/25/2024 12:48 | 0.2 | 0.8 |
| 020 | 7/25/2024 13:03 | 0.2 | 0.8 |
| 021 | 7/25/2024 13:18 | 0.2 | 0.8 |
| 022 | 7/25/2024 13:33 | 0.2 | 1.4 |
| 023 | 7/25/2024 13:48 | 0.2 | 1.6 |
| 024 | 7/25/2024 14:03 | 0.3 | 1.2 |
| 025 | 7/25/2024 14:18 | 0.3 | 1.3 |
| 026 | 7/25/2024 14:33 | 0.3 | 2 |
| 027 | 7/25/2024 14:48 | 0.4 | 2.7 |

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24/07/26 08:08

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Summary

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Unit Name MiniRAE 3000(PGM-7320)

| | |
|---|---|
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 7/26/2024 8:08 |
| End | 7/26/2024 8:17 |
| Sample Period(s) | 900 |
| Number of Records | 0 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |

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Datalog

0 record.

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24/07/26 13:38

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |

| | |
|---|---|
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 7/26/2024 13:38 |
| End | 7/26/2024 13:51 |
| Sample Period(s) | 900 |
| Number of Records | 0 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |

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Datalog

0 record.

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24/07/26 15:56

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Pause in Communication Mode |

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| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 7/26/2024 15:56 |
| End | 7/26/2024 16:00 |
| Sample Period(s) | 900 |
| Number of Records | 0 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |

**********

Datalog

0 record.

**Table 1**
**Bisonite Paint Co.**
**CAMP Data: DustTrak II - Upwind**
**July 29 - August 2, 2024**

TrakPro Version 4.70 ASCII Data File

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 008 |
| Test Abbreviation: | MANUAL_008 |
| Start Date: | 7/29/2024 |
| Start Time: | 7:32:50 |
| Duration (dd:hh:mm:ss): | 0:07:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 30 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.041 |
| | Minimum: | 0.022 |
| | Time of Minimum: | 14:47:50 |
| | Date of Minimum: | 7/29/2024 |
| | Maximum: | 0.066 |
| | Time of Maximum: | 7:47:50 |
| | Date of Maximum: | 7/29/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/29/2024 | 7:47:50 | 0.066 |
| 7/29/2024 | 8:02:50 | 0.064 |
| 7/29/2024 | 8:17:50 | 0.06 |
| 7/29/2024 | 8:32:50 | 0.056 |
| 7/29/2024 | 8:47:50 | 0.053 |
| 7/29/2024 | 9:02:50 | 0.051 |
| 7/29/2024 | 9:17:50 | 0.049 |
| 7/29/2024 | 9:32:50 | 0.047 |
| 7/29/2024 | 9:47:50 | 0.044 |

| | | |
|---|---|---|
| 7/29/2024 | 10:02:50 | 0.046 |
| 7/29/2024 | 10:17:50 | 0.045 |
| 7/29/2024 | 10:32:50 | 0.043 |
| 7/29/2024 | 10:47:50 | 0.042 |
| 7/29/2024 | 11:02:50 | 0.043 |
| 7/29/2024 | 11:17:50 | 0.043 |
| 7/29/2024 | 11:32:50 | 0.042 |
| 7/29/2024 | 11:47:50 | 0.04 |
| 7/29/2024 | 12:02:50 | 0.039 |
| 7/29/2024 | 12:17:50 | 0.038 |
| 7/29/2024 | 12:32:50 | 0.036 |
| 7/29/2024 | 12:47:50 | 0.033 |
| 7/29/2024 | 13:02:50 | 0.03 |
| 7/29/2024 | 13:17:50 | 0.029 |
| 7/29/2024 | 13:32:50 | 0.026 |
| 7/29/2024 | 13:47:50 | 0.024 |
| 7/29/2024 | 14:02:50 | 0.026 |
| 7/29/2024 | 14:17:50 | 0.027 |
| 7/29/2024 | 14:32:50 | 0.023 |
| 7/29/2024 | 14:47:50 | 0.022 |
| 7/29/2024 | 15:02:50 | 0.032 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 009 |
| Test Abbreviation: | MANUAL_009 |
| Start Date: | 7/30/2024 |
| Start Time: | 7:43:50 |
| Duration (dd:hh:mm:ss): | 0:07:15:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 29 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.009 |
| | Minimum: | 0.002 |
| | Time of Minimum: | 11:43:50 |
| | Date of Minimum: | 7/30/2024 |
| | Maximum: | 0.03 |
| | Time of Maximum: | 7:58:50 |
| | Date of Maximum: | 7/30/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/30/2024 | 7:58:50 | 0.03 |
| 7/30/2024 | 8:13:50 | 0.026 |
| 7/30/2024 | 8:28:50 | 0.023 |
| 7/30/2024 | 8:43:50 | 0.019 |
| 7/30/2024 | 8:58:50 | 0.018 |
| 7/30/2024 | 9:13:50 | 0.014 |
| 7/30/2024 | 9:28:50 | 0.013 |
| 7/30/2024 | 9:43:50 | 0.008 |
| 7/30/2024 | 9:58:50 | 0.011 |
| 7/30/2024 | 10:13:50 | 0.005 |
| 7/30/2024 | 10:28:50 | 0.007 |
| 7/30/2024 | 10:43:50 | 0.006 |
| 7/30/2024 | 10:58:50 | 0.008 |
| 7/30/2024 | 11:13:50 | 0.004 |
| 7/30/2024 | 11:28:50 | 0.003 |
| 7/30/2024 | 11:43:50 | 0.002 |
| 7/30/2024 | 11:58:50 | 0.004 |
| 7/30/2024 | 12:13:50 | 0.009 |
| 7/30/2024 | 12:28:50 | 0.007 |
| 7/30/2024 | 12:43:50 | 0.003 |
| 7/30/2024 | 12:58:50 | 0.002 |
| 7/30/2024 | 13:13:50 | 0.003 |
| 7/30/2024 | 13:28:50 | 0.003 |
| 7/30/2024 | 13:43:50 | 0.005 |
| 7/30/2024 | 13:58:50 | 0.007 |
| 7/30/2024 | 14:13:50 | 0.005 |
| 7/30/2024 | 14:28:50 | 0.002 |
| 7/30/2024 | 14:43:50 | 0.003 |
| 7/30/2024 | 14:58:50 | 0.003 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 010 |
| Test Abbreviation: | MANUAL_010 |
| Start Date: | 7/31/2024 |
| Start Time: | 7:32:45 |
| Duration (dd:hh:mm:ss): | 0:06:15:00 |
| Log Interval (mm:ss): | 15:00 |

| | | | |
|---|---|---|---|
| Number of points: | | 25 | |
| Notes: | | | |
| | | | |
| Statistics | | Channel: | AEROSOL |
| | | Units: | mg/m^3 |
| | | Average: | 0.012 |
| | | Minimum: | 0.004 |
| | | Time of Minimum: | 12:32:45 |
| | | Date of Minimum: | 7/31/2024 |
| | | Maximum: | 0.031 |
| | | Time of Maximum: | 7:47:45 |
| | | Date of Maximum: | 7/31/2024 |
| | | | |
| Calibration | | Sensor: | AEROSOL |
| | | Cal. date | 4/29/2024 |
| | | | |
| Date | | Time | AEROSOL |
| MM/dd/yyyy | | hh:mm:ss | mg/m^3 |
| | 7/31/2024 | 7:47:45 | 0.031 |
| | 7/31/2024 | 8:02:45 | 0.027 |
| | 7/31/2024 | 8:17:45 | 0.023 |
| | 7/31/2024 | 8:32:45 | 0.021 |
| | 7/31/2024 | 8:47:45 | 0.018 |
| | 7/31/2024 | 9:02:45 | 0.016 |
| | 7/31/2024 | 9:17:45 | 0.014 |
| | 7/31/2024 | 9:32:45 | 0.01 |
| | 7/31/2024 | 9:47:45 | 0.009 |
| | 7/31/2024 | 10:02:45 | 0.008 |
| | 7/31/2024 | 10:17:45 | 0.007 |
| | 7/31/2024 | 10:32:45 | 0.008 |
| | 7/31/2024 | 10:47:45 | 0.009 |
| | 7/31/2024 | 11:02:45 | 0.011 |
| | 7/31/2024 | 11:17:45 | 0.009 |
| | 7/31/2024 | 11:32:45 | 0.009 |
| | 7/31/2024 | 11:47:45 | 0.007 |
| | 7/31/2024 | 12:02:45 | 0.005 |
| | 7/31/2024 | 12:17:45 | 0.007 |
| | 7/31/2024 | 12:32:45 | 0.004 |
| | 7/31/2024 | 12:47:45 | 0.005 |
| | 7/31/2024 | 13:02:45 | 0.006 |
| | 7/31/2024 | 13:17:45 | 0.007 |
| | 7/31/2024 | 13:32:45 | 0.009 |
| | 7/31/2024 | 13:47:45 | 0.01 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 011 |
| Test Abbreviation: | MANUAL_011 |
| Start Date: | 8/1/2024 |
| Start Time: | 7:53:51 |
| Duration (dd:hh:mm:ss): | 0:05:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 22 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.03 |
| | Minimum: | 0.019 |
| | Time of Minimum: | 13:08:51 |
| | Date of Minimum: | 8/1/2024 |
| | Maximum: | 0.052 |
| | Time of Maximum: | 8:08:51 |
| | Date of Maximum: | 8/1/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/1/2024 | 8:08:51 | 0.052 |
| 8/1/2024 | 8:23:51 | 0.051 |
| 8/1/2024 | 8:38:51 | 0.046 |
| 8/1/2024 | 8:53:51 | 0.041 |
| 8/1/2024 | 9:08:51 | 0.039 |
| 8/1/2024 | 9:23:51 | 0.034 |
| 8/1/2024 | 9:38:51 | 0.034 |
| 8/1/2024 | 9:53:51 | 0.032 |
| 8/1/2024 | 10:08:51 | 0.031 |
| 8/1/2024 | 10:23:51 | 0.026 |
| 8/1/2024 | 10:38:51 | 0.025 |
| 8/1/2024 | 10:53:51 | 0.023 |
| 8/1/2024 | 11:08:51 | 0.021 |
| 8/1/2024 | 11:23:51 | 0.021 |
| 8/1/2024 | 11:38:51 | 0.022 |
| 8/1/2024 | 11:53:51 | 0.023 |
| 8/1/2024 | 12:08:51 | 0.022 |

| | | |
|---|---|---|
| 8/1/2024 | 12:23:51 | 0.023 |
| 8/1/2024 | 12:38:51 | 0.024 |
| 8/1/2024 | 12:53:51 | 0.021 |
| 8/1/2024 | 13:08:51 | 0.019 |
| 8/1/2024 | 13:23:51 | 0.019 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 012 |
| Test Abbreviation: | MANUAL_012 |
| Start Date: | 8/1/2024 |
| Start Time: | 13:32:22 |
| Duration (dd:hh:mm:ss): | 0:01:15:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 5 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.013 |
| | Minimum: | 0.009 |
| | Time of Minimum: | 14:47:22 |
| | Date of Minimum: | 8/1/2024 |
| | Maximum: | 0.019 |
| | Time of Maximum: | 14:02:22 |
| | Date of Maximum: | 8/1/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/1/2024 | 13:47:22 | 0.016 |
| 8/1/2024 | 14:02:22 | 0.019 |
| 8/1/2024 | 14:17:22 | 0.012 |
| 8/1/2024 | 14:32:22 | 0.011 |
| 8/1/2024 | 14:47:22 | 0.009 |

**Table 2**
**Bisonite Paint Co.**
**CAMP Data: DustTrak II - Downwind**
**July 29 - August 2, 2024**

TrakPro Version 4.70 ASCII Data File

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 007 |
| Test Abbreviation: | MANUAL_007 |
| Start Date: | 7/29/2024 |
| Start Time: | 7:39:09 |
| Duration (dd:hh:mm:ss): | 0:07:15:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 29 |
| Notes: | |

| Statistics | | |
|---|---|---|
| Channel: | AEROSOL | |
| Units: | mg/m^3 | |
| Average: | 0.056 | |
| Minimum: | 0.044 | |
| Time of Minimum: | 14:54:09 | |
| Date of Minimum: | 7/29/2024 | |
| Maximum: | 0.093 | |
| Time of Maximum: | 8:24:09 | |
| Date of Maximum: | 7/29/2024 | |

| Calibration | | |
|---|---|---|
| Sensor: | AEROSOL | |
| Cal. date | 1/25/2024 | |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/29/2024 | 7:54:09 | 0.07 |
| 7/29/2024 | 8:09:09 | 0.06 |
| 7/29/2024 | 8:24:09 | 0.093 |
| 7/29/2024 | 8:39:09 | 0.052 |
| 7/29/2024 | 8:54:09 | 0.053 |
| 7/29/2024 | 9:09:09 | 0.056 |
| 7/29/2024 | 9:24:09 | 0.056 |
| 7/29/2024 | 9:39:09 | 0.056 |
| 7/29/2024 | 9:54:09 | 0.054 |
| 7/29/2024 | 10:09:09 | 0.056 |

| | | |
|---|---|---|
| 7/29/2024 | 10:24:09 | 0.058 |
| 7/29/2024 | 10:39:09 | 0.057 |
| 7/29/2024 | 10:54:09 | 0.061 |
| 7/29/2024 | 11:09:09 | 0.058 |
| 7/29/2024 | 11:24:09 | 0.058 |
| 7/29/2024 | 11:39:09 | 0.06 |
| 7/29/2024 | 11:54:09 | 0.059 |
| 7/29/2024 | 12:09:09 | 0.062 |
| 7/29/2024 | 12:24:09 | 0.059 |
| 7/29/2024 | 12:39:09 | 0.057 |
| 7/29/2024 | 12:54:09 | 0.052 |
| 7/29/2024 | 13:09:09 | 0.052 |
| 7/29/2024 | 13:24:09 | 0.051 |
| 7/29/2024 | 13:39:09 | 0.049 |
| 7/29/2024 | 13:54:09 | 0.045 |
| 7/29/2024 | 14:09:09 | 0.048 |
| 7/29/2024 | 14:24:09 | 0.047 |
| 7/29/2024 | 14:39:09 | 0.046 |
| 7/29/2024 | 14:54:09 | 0.044 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 008 |
| Test Abbreviation: | MANUAL_008 |
| Start Date: | 7/30/2024 |
| Start Time: | 7:32:50 |
| Duration (dd:hh:mm:ss): | 0:07:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 30 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.036 |
| | Minimum: | 0.021 |
| | Time of Minimum: | 10:17:50 |
| | Date of Minimum: | 7/30/2024 |
| | Maximum: | 0.08 |
| | Time of Maximum: | 14:47:50 |
| | Date of Maximum: | 7/30/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/30/2024 | 7:47:50 | 0.03 |
| 7/30/2024 | 8:02:50 | 0.03 |
| 7/30/2024 | 8:17:50 | 0.023 |
| 7/30/2024 | 8:32:50 | 0.025 |
| 7/30/2024 | 8:47:50 | 0.043 |
| 7/30/2024 | 9:02:50 | 0.03 |
| 7/30/2024 | 9:17:50 | 0.027 |
| 7/30/2024 | 9:32:50 | 0.024 |
| 7/30/2024 | 9:47:50 | 0.024 |
| 7/30/2024 | 10:02:50 | 0.022 |
| 7/30/2024 | 10:17:50 | 0.021 |
| 7/30/2024 | 10:32:50 | 0.028 |
| 7/30/2024 | 10:47:50 | 0.027 |
| 7/30/2024 | 11:02:50 | 0.031 |
| 7/30/2024 | 11:17:50 | 0.032 |
| 7/30/2024 | 11:32:50 | 0.029 |
| 7/30/2024 | 11:47:50 | 0.035 |
| 7/30/2024 | 12:02:50 | 0.04 |
| 7/30/2024 | 12:17:50 | 0.032 |
| 7/30/2024 | 12:32:50 | 0.042 |
| 7/30/2024 | 12:47:50 | 0.039 |
| 7/30/2024 | 13:02:50 | 0.047 |
| 7/30/2024 | 13:17:50 | 0.046 |
| 7/30/2024 | 13:32:50 | 0.046 |
| 7/30/2024 | 13:47:50 | 0.034 |
| 7/30/2024 | 14:02:50 | 0.04 |
| 7/30/2024 | 14:17:50 | 0.041 |
| 7/30/2024 | 14:32:50 | 0.045 |
| 7/30/2024 | 14:47:50 | 0.08 |
| 7/30/2024 | 15:02:50 | 0.069 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 009 |
| Test Abbreviation: | MANUAL_009 |
| Start Date: | 7/31/2024 |
| Start Time: | 7:27:03 |
| Duration (dd:hh:mm:ss): | 0:06:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 26 |

Notes:

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.029 |
| | Minimum: | 0.024 |
| | Time of Minimum: | 8:27:03 |
| | Date of Minimum: | 7/31/2024 |
| | Maximum: | 0.053 |
| | Time of Maximum: | 10:57:03 |
| | Date of Maximum: | 7/31/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/31/2024 | 7:42:03 | 0.037 |
| 7/31/2024 | 7:57:03 | 0.029 |
| 7/31/2024 | 8:12:03 | 0.028 |
| 7/31/2024 | 8:27:03 | 0.024 |
| 7/31/2024 | 8:42:03 | 0.024 |
| 7/31/2024 | 8:57:03 | 0.025 |
| 7/31/2024 | 9:12:03 | 0.025 |
| 7/31/2024 | 9:27:03 | 0.025 |
| 7/31/2024 | 9:42:03 | 0.025 |
| 7/31/2024 | 9:57:03 | 0.027 |
| 7/31/2024 | 10:12:03 | 0.029 |
| 7/31/2024 | 10:27:03 | 0.035 |
| 7/31/2024 | 10:42:03 | 0.027 |
| 7/31/2024 | 10:57:03 | 0.053 |
| 7/31/2024 | 11:12:03 | 0.034 |
| 7/31/2024 | 11:27:03 | 0.03 |
| 7/31/2024 | 11:42:03 | 0.033 |
| 7/31/2024 | 11:57:03 | 0.029 |
| 7/31/2024 | 12:12:03 | 0.029 |
| 7/31/2024 | 12:27:03 | 0.028 |
| 7/31/2024 | 12:42:03 | 0.025 |
| 7/31/2024 | 12:57:03 | 0.028 |
| 7/31/2024 | 13:12:03 | 0.028 |
| 7/31/2024 | 13:27:03 | 0.029 |
| 7/31/2024 | 13:42:03 | 0.029 |
| 7/31/2024 | 13:57:03 | 0.03 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 010 |
| Test Abbreviation: | MANUAL_010 |
| Start Date: | 8/1/2024 |
| Start Time: | 7:55:45 |
| Duration (dd:hh:mm:ss): | 0:05:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 22 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.05 |
| | Minimum: | 0.045 |
| | Time of Minimum: | 13:10:45 |
| | Date of Minimum: | 8/1/2024 |
| | Maximum: | 0.055 |
| | Time of Maximum: | 9:40:45 |
| | Date of Maximum: | 8/1/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/1/2024 | 8:10:45 | 0.054 |
| 8/1/2024 | 8:25:45 | 0.053 |
| 8/1/2024 | 8:40:45 | 0.052 |
| 8/1/2024 | 8:55:45 | 0.053 |
| 8/1/2024 | 9:10:45 | 0.054 |
| 8/1/2024 | 9:25:45 | 0.05 |
| 8/1/2024 | 9:40:45 | 0.055 |
| 8/1/2024 | 9:55:45 | 0.051 |
| 8/1/2024 | 10:10:45 | 0.05 |
| 8/1/2024 | 10:25:45 | 0.049 |
| 8/1/2024 | 10:40:45 | 0.047 |
| 8/1/2024 | 10:55:45 | 0.048 |
| 8/1/2024 | 11:10:45 | 0.046 |
| 8/1/2024 | 11:25:45 | 0.048 |
| 8/1/2024 | 11:40:45 | 0.049 |
| 8/1/2024 | 11:55:45 | 0.049 |
| 8/1/2024 | 12:10:45 | 0.05 |

| | | |
|---|---|---|
| 8/1/2024 | 12:25:45 | 0.047 |
| 8/1/2024 | 12:40:45 | 0.049 |
| 8/1/2024 | 12:55:45 | 0.049 |
| 8/1/2024 | 13:10:45 | 0.045 |
| 8/1/2024 | 13:25:45 | 0.045 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 011 |
| Test Abbreviation: | MANUAL_011 |
| Start Date: | 8/1/2024 |
| Start Time: | 13:57:56 |
| Duration (dd:hh:mm:ss): | 0:00:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 3 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.044 |
| | Minimum: | 0.042 |
| | Time of Minimum: | 14:27:56 |
| | Date of Minimum: | 8/1/2024 |
| | Maximum: | 0.047 |
| | Time of Maximum: | 14:42:56 |
| | Date of Maximum: | 8/1/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/1/2024 | 14:12:56 | 0.044 |
| 8/1/2024 | 14:27:56 | 0.042 |
| 8/1/2024 | 14:42:56 | 0.047 |

**Table 3**
**Bisonite Paint Co,**
**CAMP - MiniRae PID - Downwind**
**July 29 - August 2, 2024**

24/07/29 07:50

**********

Summary

| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Pause in Menu Mode |
| Site ID | 12345678 |
| User ID | 12345678 |
| Begin | 7/29/2024 7:50 |
| End | 7/29/2024 7:51 |
| Sample Period(s) | 900 |
| Number of Records | 0 |
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |

**********

Datalog

0 record.

==========

24/07/29 07:52

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

---

| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Pause in Menu Mode |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 7/29/2024 7:52 |
| End | 7/29/2024 7:52 |
| Sample Period(s) | 900 |
| Number of Records | 0 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |

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Datalog

0 record.

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24/07/29 07:53

**********

Summary

---

| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

---

| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 7/29/2024 7:53 |
| End | 7/29/2024 15:10 |
| Sample Period(s) | 900 |
| Number of Records | 29 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 2.1 |
| Min | 0 |
| Average | 0.2 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 7/29/2024 8:08 | 0 | 0.5 | 0 |
| 002 | 7/29/2024 8:23 | 0 | 0 | 0 |
| 003 | 7/29/2024 8:38 | 0 | 0.3 | 0 |
| 004 | 7/29/2024 8:53 | 0 | 0 | 0 |
| 005 | 7/29/2024 9:08 | 0 | 0 | 0 |
| 006 | 7/29/2024 9:23 | 0.1 | 0.6 | 0 |

| | | | | |
|---|---|---|---|---|
| 007 | 7/29/2024 9:38 | 0.1 | 0.6 | 0 |
| 008 | 7/29/2024 9:53 | 0.1 | 0.5 | 0 |
| 009 | 7/29/2024 10:08 | 0 | 0.4 | 0 |
| 010 | 7/29/2024 10:23 | 0.1 | 0.7 | 0 |
| 011 | 7/29/2024 10:38 | 0 | 0.8 | 0 |
| 012 | 7/29/2024 10:53 | 0 | 0.2 | 0.1 |
| 013 | 7/29/2024 11:08 | 0.1 | 1 | 0.1 |
| 014 | 7/29/2024 11:23 | 0.1 | 0.3 | 0.2 |
| 015 | 7/29/2024 11:38 | 0.1 | 0.8 | 0.1 |
| 016 | 7/29/2024 11:53 | 0.1 | 1 | 0.1 |
| 017 | 7/29/2024 12:08 | 0.4 | 2 | 0.2 |
| 018 | 7/29/2024 12:23 | 0.5 | 3.6 | 0.3 |
| 019 | 7/29/2024 12:38 | 0.4 | 1.5 | 0.1 |
| 020 | 7/29/2024 12:53 | 0.3 | 1.4 | 0.3 |
| 021 | 7/29/2024 13:08 | 0.2 | 1.5 | 0.1 |
| 022 | 7/29/2024 13:23 | 0.1 | 0.6 | 0.1 |
| 023 | 7/29/2024 13:38 | 0.1 | 0.3 | 0.1 |
| 024 | 7/29/2024 13:53 | 0.3 | 1 | 0.2 |
| 025 | 7/29/2024 14:08 | 0.3 | 1.7 | 1.7 |
| 026 | 7/29/2024 14:23 | 0.5 | 2.5 | 0.1 |
| 027 | 7/29/2024 14:38 | 0.3 | 1.5 | 0.1 |
| 028 | 7/29/2024 14:53 | 0.4 | 1.3 | 0.2 |
| 029 | 7/29/2024 15:08 | 0.5 | 2.3 | 2.1 |
| Peak | | 0.5 | 3.6 | 2.1 |
| Min | | 0 | 0 | 0 |
| Average | | 0.2 | 1 | 0.2 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 7/29/2024 8:08 | 0 | 0 |
| 002 | 7/29/2024 8:23 | 0 | 0 |
| 003 | 7/29/2024 8:38 | 0 | 0 |
| 004 | 7/29/2024 8:53 | 0 | 0 |
| 005 | 7/29/2024 9:08 | 0 | 0 |
| 006 | 7/29/2024 9:23 | 0 | 0 |
| 007 | 7/29/2024 9:38 | 0 | 0 |
| 008 | 7/29/2024 9:53 | 0 | 0 |
| 009 | 7/29/2024 10:08 | 0 | 0 |
| 010 | 7/29/2024 10:23 | 0 | 0 |
| 011 | 7/29/2024 10:38 | 0 | 0 |
| 012 | 7/29/2024 10:53 | 0 | 0.1 |
| 013 | 7/29/2024 11:08 | 0 | 0.2 |

| | | | |
|---|---|---|---|
| 014 | 7/29/2024 11:23 | 0 | 0.3 |
| 015 | 7/29/2024 11:38 | 0 | 0.3 |
| 016 | 7/29/2024 11:53 | 0 | 0.2 |
| 017 | 7/29/2024 12:08 | 0 | 0.3 |
| 018 | 7/29/2024 12:23 | 0 | 0.5 |
| 019 | 7/29/2024 12:38 | 0 | 0.4 |
| 020 | 7/29/2024 12:53 | 0 | 0.4 |
| 021 | 7/29/2024 13:08 | 0.1 | 0.4 |
| 022 | 7/29/2024 13:23 | 0.1 | 0.2 |
| 023 | 7/29/2024 13:38 | 0.1 | 0.2 |
| 024 | 7/29/2024 13:53 | 0.1 | 0.3 |
| 025 | 7/29/2024 14:08 | 0.1 | 1.9 |
| 026 | 7/29/2024 14:23 | 0.1 | 1.8 |
| 027 | 7/29/2024 14:38 | 0.1 | 0.2 |
| 028 | 7/29/2024 14:53 | 0.1 | 0.3 |
| 029 | 7/29/2024 15:08 | 0.2 | 2.3 |

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24/07/30 07:44

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

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| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 7/30/2024 7:44 |
| End | 7/30/2024 7:48 |
| Sample Period(s) | 900 |
| Number of Records | 0 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |

| | |
|---|---|
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |

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Datalog

0 record.

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24/07/30 07:51

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

---

| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 7/30/2024 7:51 |
| End | 7/30/2024 7:52 |
| Sample Period(s) | 900 |
| Number of Records | 0 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |

| | |
|---|---|
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |

**********

Datalog

0 record.

==========

24/07/30 08:00

**********

Summary

---

| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

---

| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 7/30/2024 8:00 |
| End | 7/30/2024 15:24 |
| Sample Period(s) | 900 |
| Number of Records | 29 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 1.1 |
| Min | 0 |

Average 0.2

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 7/30/2024 8:15 | 0 | 0 | 0 |
| 002 | 7/30/2024 8:30 | 0 | 0.1 | 0 |
| 003 | 7/30/2024 8:45 | 0 | 0.3 | 0 |
| 004 | 7/30/2024 9:00 | 0.1 | 0.6 | 0 |
| 005 | 7/30/2024 9:15 | 0.1 | 0.5 | 0.1 |
| 006 | 7/30/2024 9:30 | 0 | 0.1 | 0 |
| 007 | 7/30/2024 9:45 | 0 | 0.1 | 0 |
| 008 | 7/30/2024 10:00 | 0.1 | 0.4 | 0 |
| 009 | 7/30/2024 10:15 | 0.1 | 0.4 | 0 |
| 010 | 7/30/2024 10:30 | 0.1 | 0.3 | 0.3 |
| 011 | 7/30/2024 10:45 | 0.1 | 0.3 | 0 |
| 012 | 7/30/2024 11:00 | 0.1 | 0.5 | 0.2 |
| 013 | 7/30/2024 11:15 | 0.1 | 0.4 | 0 |
| 014 | 7/30/2024 11:30 | 0.1 | 0.8 | 0.2 |
| 015 | 7/30/2024 11:45 | 0.1 | 0.7 | 0 |
| 016 | 7/30/2024 12:00 | 0.1 | 0.4 | 0 |
| 017 | 7/30/2024 12:15 | 0.1 | 0.4 | 0 |
| 018 | 7/30/2024 12:30 | 0.1 | 0.5 | 0.2 |
| 019 | 7/30/2024 12:45 | 0.1 | 0.4 | 0.1 |
| 020 | 7/30/2024 13:00 | 0.1 | 0.8 | 0.1 |
| 021 | 7/30/2024 13:15 | 0.2 | 1.8 | 0.1 |
| 022 | 7/30/2024 13:30 | 0.4 | 1.6 | 0.2 |
| 023 | 7/30/2024 13:45 | 0.3 | 1.3 | 0.6 |
| 024 | 7/30/2024 14:00 | 0.9 | 3.2 | 0.7 |
| 025 | 7/30/2024 14:15 | 0.6 | 1.3 | 0.4 |
| 026 | 7/30/2024 14:30 | 0.7 | 2.1 | 0.2 |
| 027 | 7/30/2024 14:45 | 0.7 | 1.6 | 0.9 |
| 028 | 7/30/2024 15:00 | 0.7 | 1.3 | 0.3 |
| 029 | 7/30/2024 15:15 | 0.7 | 1.9 | 1.1 |
| Peak | | 0.9 | 3.2 | 1.1 |
| Min | | 0 | 0 | 0 |
| Average | | 0.2 | 0.8 | 0.2 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 7/30/2024 8:15 | 0 | 0 |

| | | | |
|---|---|---|---|
| 002 | 7/30/2024 8:30 | 0 | 0 |
| 003 | 7/30/2024 8:45 | 0 | 0 |
| 004 | 7/30/2024 9:00 | 0 | 0 |
| 005 | 7/30/2024 9:15 | 0 | 0.1 |
| 006 | 7/30/2024 9:30 | 0 | 0.1 |
| 007 | 7/30/2024 9:45 | 0 | 0 |
| 008 | 7/30/2024 10:00 | 0 | 0 |
| 009 | 7/30/2024 10:15 | 0 | 0 |
| 010 | 7/30/2024 10:30 | 0 | 0.3 |
| 011 | 7/30/2024 10:45 | 0 | 0.3 |
| 012 | 7/30/2024 11:00 | 0 | 0.2 |
| 013 | 7/30/2024 11:15 | 0 | 0.2 |
| 014 | 7/30/2024 11:30 | 0 | 0.2 |
| 015 | 7/30/2024 11:45 | 0 | 0.2 |
| 016 | 7/30/2024 12:00 | 0 | 0 |
| 017 | 7/30/2024 12:15 | 0 | 0 |
| 018 | 7/30/2024 12:30 | 0 | 0.2 |
| 019 | 7/30/2024 12:45 | 0 | 0.3 |
| 020 | 7/30/2024 13:00 | 0 | 0.2 |
| 021 | 7/30/2024 13:15 | 0 | 0.2 |
| 022 | 7/30/2024 13:30 | 0 | 0.3 |
| 023 | 7/30/2024 13:45 | 0.1 | 0.8 |
| 024 | 7/30/2024 14:00 | 0.1 | 1.3 |
| 025 | 7/30/2024 14:15 | 0.1 | 1.1 |
| 026 | 7/30/2024 14:30 | 0.1 | 0.6 |
| 027 | 7/30/2024 14:45 | 0.1 | 1.1 |
| 028 | 7/30/2024 15:00 | 0.1 | 1.2 |
| 029 | 7/30/2024 15:15 | 0.2 | 1.4 |

==========

24/07/31 07:41

**********

Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

---

| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Pause in Menu Mode |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 7/31/2024 7:41 |
| End | 7/31/2024 7:41 |
| Sample Period(s) | 900 |
| Number of Records | 0 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |

**********

Datalog

0 record.

==========

24/07/31 07:42

**********

Summary

---

| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

---

| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Pause in Menu Mode |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 7/31/2024 7:42 |
| End | 7/31/2024 10:13 |
| Sample Period(s) | 900 |

| | |
|---|---|
| Number of Records | 10 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 1.2 |
| Min | 0 |
| Average | 0.7 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 7/31/2024 7:57 | 0 | 0.4 | 0.4 |
| 002 | 7/31/2024 8:12 | 0 | 0.3 | 0 |
| 003 | 7/31/2024 8:27 | 1.9 | 10.8 | 0.9 |
| 004 | 7/31/2024 8:42 | 0.8 | 2.7 | 0.6 |
| 005 | 7/31/2024 8:57 | 0.7 | 1.9 | 0.7 |
| 006 | 7/31/2024 9:12 | 0.7 | 1.6 | 0.7 |
| 007 | 7/31/2024 9:27 | 0.8 | 1.5 | 1.2 |
| 008 | 7/31/2024 9:42 | 0.7 | 1.7 | 0.9 |
| 009 | 7/31/2024 9:57 | 0.6 | 1.4 | 0.6 |
| 010 | 7/31/2024 10:12 | 0.7 | 1.8 | 1.1 |
| Peak | | 1.9 | 10.8 | 1.2 |
| Min | | 0 | 0.3 | 0 |
| Average | | 0.7 | 2.4 | 0.7 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 7/31/2024 7:57 | 0 | 0.4 |
| 002 | 7/31/2024 8:12 | 0 | 0.4 |
| 003 | 7/31/2024 8:27 | 0 | 0.9 |
| 004 | 7/31/2024 8:42 | 0.1 | 1.5 |

| | | | |
|---|---|---|---|
| 005 | 7/31/2024 8:57 | 0.1 | 1.3 |
| 006 | 7/31/2024 9:12 | 0.1 | 1.4 |
| 007 | 7/31/2024 9:27 | 0.1 | 1.9 |
| 008 | 7/31/2024 9:42 | 0.2 | 2.1 |
| 009 | 7/31/2024 9:57 | 0.2 | 1.5 |
| 010 | 7/31/2024 10:12 | 0.2 | 1.7 |

==========

24/07/31 10:14

**********

Summary

---

| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

---

| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 7/31/2024 10:14 |
| End | 7/31/2024 14:13 |
| Sample Period(s) | 900 |
| Number of Records | 15 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 0.6 |
| Min | 0 |
| Average | 0.1 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 7/31/2024 10:29 | 0.5 | 2.7 | 0.2 |
| 002 | 7/31/2024 10:44 | 0.3 | 1.1 | 0 |
| 003 | 7/31/2024 10:59 | 0.4 | 1.8 | 0 |
| 004 | 7/31/2024 11:14 | 0.8 | 3.5 | 0.2 |
| 005 | 7/31/2024 11:29 | 0.4 | 2.1 | 0.6 |
| 006 | 7/31/2024 11:44 | 0.3 | 1.4 | 0.3 |
| 007 | 7/31/2024 11:59 | 0.2 | 1.7 | 0.1 |
| 008 | 7/31/2024 12:14 | 0.1 | 0.9 | 0 |
| 009 | 7/31/2024 12:29 | 0 | 0 | 0 |
| 010 | 7/31/2024 12:44 | 0 | 0 | 0 |
| 011 | 7/31/2024 12:59 | 0 | 0 | 0 |
| 012 | 7/31/2024 13:14 | 0 | 0 | 0 |
| 013 | 7/31/2024 13:29 | 0 | 0 | 0 |
| 014 | 7/31/2024 13:44 | 0 | 0 | 0 |
| 015 | 7/31/2024 13:59 | 0 | 0 | 0 |
| Peak | | 0.8 | 3.5 | 0.6 |
| Min | | 0 | 0 | 0 |
| Average | | 0.2 | 1 | 0.1 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 7/31/2024 10:29 | 0 | 0.2 |
| 002 | 7/31/2024 10:44 | 0 | 0.2 |
| 003 | 7/31/2024 10:59 | 0 | 0 |
| 004 | 7/31/2024 11:14 | 0 | 0.2 |
| 005 | 7/31/2024 11:29 | 0 | 0.8 |
| 006 | 7/31/2024 11:44 | 0 | 0.9 |
| 007 | 7/31/2024 11:59 | 0 | 0.4 |
| 008 | 7/31/2024 12:14 | 0 | 0.1 |
| 009 | 7/31/2024 12:29 | 0 | 0 |
| 010 | 7/31/2024 12:44 | 0 | 0 |
| 011 | 7/31/2024 12:59 | 0 | 0 |
| 012 | 7/31/2024 13:14 | 0 | 0 |
| 013 | 7/31/2024 13:29 | 0 | 0 |
| 014 | 7/31/2024 13:44 | 0 | 0 |
| 015 | 7/31/2024 13:59 | 0 | 0 |

==========

24/08/01 08:09

**********

Summary

---

| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

---

| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 8/1/2024 8:09 |
| End | 8/1/2024 9:24 |
| Sample Period(s) | 900 |
| Number of Records | 4 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 0.9 |
| Min | 0 |
| Average | 0.4 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 8/1/2024 8:24 | 0 | 0.5 | 0 |
| 002 | 8/1/2024 8:39 | 0.1 | 1.2 | 0.5 |
| 003 | 8/1/2024 8:54 | 0.3 | 4.8 | 0.9 |
| 004 | 8/1/2024 9:09 | 0.7 | 2.9 | 0.1 |

| | | | |
|---|---|---|---|
| Peak | 0.7 | 4.8 | 0.9 |
| Min | 0 | 0.5 | 0 |
| Average | 0.3 | 2.4 | 0.4 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 8/1/2024 8:24 | 0 | 0 |
| 002 | 8/1/2024 8:39 | 0 | 0.5 |
| 003 | 8/1/2024 8:54 | 0 | 1.4 |
| 004 | 8/1/2024 9:09 | 0 | 1 |

==========

24/08/01 09:27

**********

Summary

| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |
| Site ID | 12345678 |
| User ID | 12345678 |
| Begin | 8/1/2024 9:27 |
| End | 8/1/2024 11:20 |
| Sample Period(s) | 900 |
| Number of Records | 7 |
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |

| | |
|---|---|
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 1.5 |
| Min | 0 |
| Average | 0.7 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 8/1/2024 9:42 | 0.2 | 2.2 | 0.6 |
| 002 | 8/1/2024 9:57 | 0.1 | 1.5 | 0 |
| 003 | 8/1/2024 10:12 | 0.2 | 1.6 | 0.3 |
| 004 | 8/1/2024 10:27 | 0.4 | 2.3 | 0.7 |
| 005 | 8/1/2024 10:42 | 0.7 | 3.4 | 1.5 |
| 006 | 8/1/2024 10:57 | 0.5 | 2.3 | 1.2 |
| 007 | 8/1/2024 11:12 | 1.3 | 6.1 | 0.3 |
| Peak | | 1.3 | 6.1 | 1.5 |
| Min | | 0.1 | 1.5 | 0 |
| Average | | 0.5 | 2.8 | 0.7 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 8/1/2024 9:42 | 0 | 0.6 |
| 002 | 8/1/2024 9:57 | 0 | 0.6 |
| 003 | 8/1/2024 10:12 | 0 | 0.3 |
| 004 | 8/1/2024 10:27 | 0 | 1 |
| 005 | 8/1/2024 10:42 | 0.1 | 2.2 |
| 006 | 8/1/2024 10:57 | 0.1 | 2.7 |
| 007 | 8/1/2024 11:12 | 0.1 | 1.5 |

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24/08/01 13:47

**********

Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

---

| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |

| | |
|---|---|
| Stop Reason | Pause in Menu Mode |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 8/1/2024 13:47 |
| End | 8/1/2024 13:48 |
| Sample Period(s) | 900 |
| Number of Records | 0 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |

**********

Datalog

0 record.

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24/08/01 13:51

**********

Summary

---

| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 8/1/2024 13:51 |
| End | 8/1/2024 15:04 |
| Sample Period(s) | 900 |
| Number of Records | 4 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 0 |
| Min | 0 |
| Average | 0 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 8/1/2024 14:06 | 0 | 0 | 0 |
| 002 | 8/1/2024 14:21 | 0 | 0 | 0 |
| 003 | 8/1/2024 14:36 | 0 | 0 | 0 |
| 004 | 8/1/2024 14:51 | 0 | 0 | 0 |
| Peak | | 0 | 0 | 0 |
| Min | | 0 | 0 | 0 |
| Average | | 0 | 0 | 0 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 8/1/2024 14:06 | 0 | 0 |
| 002 | 8/1/2024 14:21 | 0 | 0 |
| 003 | 8/1/2024 14:36 | 0 | 0 |
| 004 | 8/1/2024 14:51 | 0 | 0 |

**Table 1**
**Bisonite Paint Co.**
**CAMP Data - DustTrak - Downwind**
**August 5-9, 2024**

TrakPro Version 4.70 ASCII Data File

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 012 |
| Test Abbreviation: | MANUAL_012 |
| Start Date: | 8/9/2024 |
| Start Time: | 8:11:43 |
| Duration (dd:hh:mm:ss): | 0:06:15:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 25 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.005 |
| | Minimum: | 0.001 |
| | Time of Minimum: | 8:41:43 |
| | Date of Minimum: | 8/9/2024 |
| | Maximum: | 0.012 |
| | Time of Maximum: | 14:26:43 |
| | Date of Maximum: | 8/9/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/9/2024 | 8:26:43 | 0.005 |
| 8/9/2024 | 8:41:43 | 0.001 |
| 8/9/2024 | 8:56:43 | 0.002 |
| 8/9/2024 | 9:11:43 | 0.002 |
| 8/9/2024 | 9:26:43 | 0.002 |
| 8/9/2024 | 9:41:43 | 0.003 |
| 8/9/2024 | 9:56:43 | 0.003 |
| 8/9/2024 | 10:11:43 | 0.003 |

| | | |
|---|---|---|
| 8/9/2024 | 10:26:43 | 0.004 |
| 8/9/2024 | 10:41:43 | 0.004 |
| 8/9/2024 | 10:56:43 | 0.004 |
| 8/9/2024 | 11:11:43 | 0.004 |
| 8/9/2024 | 11:26:43 | 0.005 |
| 8/9/2024 | 11:41:43 | 0.005 |
| 8/9/2024 | 11:56:43 | 0.006 |
| 8/9/2024 | 12:11:43 | 0.007 |
| 8/9/2024 | 12:26:43 | 0.006 |
| 8/9/2024 | 12:41:43 | 0.006 |
| 8/9/2024 | 12:56:43 | 0.005 |
| 8/9/2024 | 13:11:43 | 0.006 |
| 8/9/2024 | 13:26:43 | 0.007 |
| 8/9/2024 | 13:41:43 | 0.006 |
| 8/9/2024 | 13:56:43 | 0.008 |
| 8/9/2024 | 14:11:43 | 0.01 |
| 8/9/2024 | 14:26:43 | 0.012 |

**Table 2**
**Bisonite Paint Co.**
**CAMP Data - DustTrak - Upwind**
**August 5-9, 2024**

TrakPro Version 4.70 ASCII Data File

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 013 |
| Test Abbreviation: | MANUAL_013 |
| Start Date: | 8/9/2024 |
| Start Time: | 8:15:19 |
| Duration (dd:hh:mm:ss): | 0:01:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 6 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0 |
| | Minimum: | -0.004 |
| | Time of Minimum | 9:30:19 |
| | Date of Minimum | 8/9/2024 |
| | Maximum: | 0.009 |
| | Time of Maximum | 8:30:19 |
| | Date of Maximum | 8/9/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/9/2024 | 8:30:19 | 0.009 |
| 8/9/2024 | 8:45:19 | 0 |
| 8/9/2024 | 9:00:19 | -0.001 |
| 8/9/2024 | 9:15:19 | -0.003 |
| 8/9/2024 | 9:30:19 | -0.004 |
| 8/9/2024 | 9:45:19 | -0.003 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |

| | |
|---|---|
| Test ID: | 014 |
| Test Abbreviation: | MANUAL_014 |
| Start Date: | 8/9/2024 |
| Start Time: | 9:53:35 |
| Duration (dd:hh:mm:ss): | 0:04:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 18 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | -0.001 |
| | Minimum: | -0.004 |
| | Time of Minimum | 13:38:35 |
| | Date of Minimum | 8/9/2024 |
| | Maximum: | 0.002 |
| | Time of Maximum | 14:23:35 |
| | Date of Maximum | 8/9/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/9/2024 | 10:08:35 | 0 |
| 8/9/2024 | 10:23:35 | 0 |
| 8/9/2024 | 10:38:35 | 0 |
| 8/9/2024 | 10:53:35 | 0 |
| 8/9/2024 | 11:08:35 | 0 |
| 8/9/2024 | 11:23:35 | 0 |
| 8/9/2024 | 11:38:35 | 0 |
| 8/9/2024 | 11:53:35 | 0 |
| 8/9/2024 | 12:08:35 | 0 |
| 8/9/2024 | 12:23:35 | 0 |
| 8/9/2024 | 12:38:35 | 0 |
| 8/9/2024 | 12:53:35 | 0 |
| 8/9/2024 | 13:08:35 | -0.002 |
| 8/9/2024 | 13:23:35 | -0.003 |
| 8/9/2024 | 13:38:35 | -0.004 |
| 8/9/2024 | 13:53:35 | -0.004 |
| 8/9/2024 | 14:08:35 | -0.003 |
| 8/9/2024 | 14:23:35 | 0.002 |

**Table 3**
**Bisonite Paint Co.**
**CAMP Data - VOCs - Downwind**
**August 5-9, 2024**

24/08/09 08:26

Summary

| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |
| Site ID | 12345678 |
| User ID | 12345678 |
| Begin | 8/9/2024 8:26 |
| End | 8/9/2024 8:38 |
| Sample Period(s) | 900 |
| Number of Records | 0 |
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |

**********

Datalog

0 record.

==========

24/08/09 12:22

**********

Summary

---

| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

---

| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 8/9/2024 12:22 |
| End | 8/9/2024 14:54 |
| Sample Period(s) | 900 |
| Number of Records | 10 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 10.6 |
| Min | 0 |
| Average | 1.1 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 8/9/2024 12:37 | 0 | 0 | 0 |
| 002 | 8/9/2024 12:52 | 0 | 0 | 0 |

| | | | | |
|---|---|---|---|---|
| 003 | 8/9/2024 13:07 | 0 | 0 | 0 |
| 004 | 8/9/2024 13:22 | 0.7 | 14.8 | 10.6 |
| 005 | 8/9/2024 13:37 | 0.2 | 9.5 | 0 |
| 006 | 8/9/2024 13:52 | 0 | 0 | 0 |
| 007 | 8/9/2024 14:07 | 0 | 0 | 0 |
| 008 | 8/9/2024 14:22 | 0 | 0 | 0 |
| 009 | 8/9/2024 14:37 | 0 | 0 | 0 |
| 010 | 8/9/2024 14:52 | 0 | 0 | 0 |
| Peak | | 0.7 | 14.8 | 10.6 |
| Min | | 0 | 0 | 0 |
| Average | | 0.1 | 2.4 | 1.1 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 8/9/2024 12:37 | 0 | 0 |
| 002 | 8/9/2024 12:52 | 0 | 0 |
| 003 | 8/9/2024 13:07 | 0 | 0 |
| 004 | 8/9/2024 13:22 | 0.3 | 10.6 |
| 005 | 8/9/2024 13:37 | 0.3 | 10.6 |
| 006 | 8/9/2024 13:52 | 0.3 | 0 |
| 007 | 8/9/2024 14:07 | 0.3 | 0 |
| 008 | 8/9/2024 14:22 | 0.3 | 0 |
| 009 | 8/9/2024 14:37 | 0.3 | 0 |
| 010 | 8/9/2024 14:52 | 0.3 | 0 |

TrakPro Version 4.70 ASCII Data File

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 012 |
| Test Abbreviation: | MANUAL_012 |
| Start Date: | 8/9/2024 |
| Start Time: | 8:11:43 |
| Duration (dd:hh:mm:ss): | 0:06:15:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 25 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.005 |
| | Minimum: | 0.001 |
| | Time of Minimum: | 8:41:43 |
| | Date of Minimum: | 8/9/2024 |
| | Maximum: | 0.012 |
| | Time of Maximum: | 14:26:43 |
| | Date of Maximum: | 8/9/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/9/2024 | 8:26:43 | 0.005 |
| 8/9/2024 | 8:41:43 | 0.001 |
| 8/9/2024 | 8:56:43 | 0.002 |
| 8/9/2024 | 9:11:43 | 0.002 |
| 8/9/2024 | 9:26:43 | 0.002 |
| 8/9/2024 | 9:41:43 | 0.003 |
| 8/9/2024 | 9:56:43 | 0.003 |
| 8/9/2024 | 10:11:43 | 0.003 |
| 8/9/2024 | 10:26:43 | 0.004 |
| 8/9/2024 | 10:41:43 | 0.004 |
| 8/9/2024 | 10:56:43 | 0.004 |
| 8/9/2024 | 11:11:43 | 0.004 |
| 8/9/2024 | 11:26:43 | 0.005 |
| 8/9/2024 | 11:41:43 | 0.005 |
| 8/9/2024 | 11:56:43 | 0.006 |

| | | |
|---|---|---|
| 8/9/2024 | 12:11:43 | 0.007 |
| 8/9/2024 | 12:26:43 | 0.006 |
| 8/9/2024 | 12:41:43 | 0.006 |
| 8/9/2024 | 12:56:43 | 0.005 |
| 8/9/2024 | 13:11:43 | 0.006 |
| 8/9/2024 | 13:26:43 | 0.007 |
| 8/9/2024 | 13:41:43 | 0.006 |
| 8/9/2024 | 13:56:43 | 0.008 |
| 8/9/2024 | 14:11:43 | 0.01 |
| 8/9/2024 | 14:26:43 | 0.012 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 013 |
| Test Abbreviation: | MANUAL_013 |
| Start Date: | 8/12/2024 |
| Start Time: | 7:18:35 |
| Duration (dd:hh:mm:ss): | 0:00:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 3 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.004 |
| | Minimum: | 0.003 |
| | Time of Minimum: | 8:03:35 |
| | Date of Minimum: | 8/12/2024 |
| | Maximum: | 0.005 |
| | Time of Maximum: | 7:33:35 |
| | Date of Maximum: | 8/12/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/12/2024 | 7:33:35 | 0.005 |
| 8/12/2024 | 7:48:35 | 0.005 |
| 8/12/2024 | 8:03:35 | 0.003 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |

| | |
|---|---|
| Serial Number: | 8530182511 |
| Test ID: | 014 |
| Test Abbreviation: | MANUAL_014 |
| Start Date: | 8/12/2024 |
| Start Time: | 8:20:28 |
| Duration (dd:hh:mm:ss): | 0:04:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 19 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.014 |
| | Minimum: | 0.003 |
| | Time of Minimum: | 8:35:28 |
| | Date of Minimum: | 8/12/2024 |
| | Maximum: | 0.038 |
| | Time of Maximum: | 10:50:28 |
| | Date of Maximum: | 8/12/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/12/2024 | 8:35:28 | 0.003 |
| 8/12/2024 | 8:50:28 | 0.005 |
| 8/12/2024 | 9:05:28 | 0.006 |
| 8/12/2024 | 9:20:28 | 0.003 |
| 8/12/2024 | 9:35:28 | 0.004 |
| 8/12/2024 | 9:50:28 | 0.004 |
| 8/12/2024 | 10:05:28 | 0.007 |
| 8/12/2024 | 10:20:28 | 0.017 |
| 8/12/2024 | 10:35:28 | 0.012 |
| 8/12/2024 | 10:50:28 | 0.038 |
| 8/12/2024 | 11:05:28 | 0.008 |
| 8/12/2024 | 11:20:28 | 0.022 |
| 8/12/2024 | 11:35:28 | 0.012 |
| 8/12/2024 | 11:50:28 | 0.01 |
| 8/12/2024 | 12:05:28 | 0.033 |
| 8/12/2024 | 12:20:28 | 0.013 |
| 8/12/2024 | 12:35:28 | 0.024 |
| 8/12/2024 | 12:50:28 | 0.019 |
| 8/12/2024 | 13:05:28 | 0.028 |

TrakPro Version 4.70 ASCII Data File

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 013 |
| Test Abbreviation: | MANUAL_013 |
| Start Date: | 8/9/2024 |
| Start Time: | 8:15:19 |
| Duration (dd:hh:mm:ss): | 0:01:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 6 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0 |
| | Minimum: | -0.004 |
| | Time of Minimum: | 9:30:19 |
| | Date of Minimum: | 8/9/2024 |
| | Maximum: | 0.009 |
| | Time of Maximum: | 8:30:19 |
| | Date of Maximum: | 8/9/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/9/2024 | 8:30:19 | 0.009 |
| 8/9/2024 | 8:45:19 | 0 |
| 8/9/2024 | 9:00:19 | -0.001 |
| 8/9/2024 | 9:15:19 | -0.003 |
| 8/9/2024 | 9:30:19 | -0.004 |
| 8/9/2024 | 9:45:19 | -0.003 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 014 |
| Test Abbreviation: | MANUAL_014 |
| Start Date: | 8/9/2024 |
| Start Time: | 9:53:35 |
| Duration (dd:hh:mm:ss): | 0:04:30:00 |

| | |
|---|---|
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 18 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | -0.001 |
| | Minimum: | -0.004 |
| | Time of Minimum: | 13:38:35 |
| | Date of Minimum: | 8/9/2024 |
| | Maximum: | 0.002 |
| | Time of Maximum: | 14:23:35 |
| | Date of Maximum: | 8/9/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/9/2024 | 10:08:35 | 0 |
| 8/9/2024 | 10:23:35 | 0 |
| 8/9/2024 | 10:38:35 | 0 |
| 8/9/2024 | 10:53:35 | 0 |
| 8/9/2024 | 11:08:35 | 0 |
| 8/9/2024 | 11:23:35 | 0 |
| 8/9/2024 | 11:38:35 | 0 |
| 8/9/2024 | 11:53:35 | 0 |
| 8/9/2024 | 12:08:35 | 0 |
| 8/9/2024 | 12:23:35 | 0 |
| 8/9/2024 | 12:38:35 | 0 |
| 8/9/2024 | 12:53:35 | 0 |
| 8/9/2024 | 13:08:35 | -0.002 |
| 8/9/2024 | 13:23:35 | -0.003 |
| 8/9/2024 | 13:38:35 | -0.004 |
| 8/9/2024 | 13:53:35 | -0.004 |
| 8/9/2024 | 14:08:35 | -0.003 |
| 8/9/2024 | 14:23:35 | 0.002 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 015 |
| Test Abbreviation: | MANUAL_015 |
| Start Date: | 8/12/2024 |

| | |
|---|---|
| Start Time: | 7:23:58 |
| Duration (dd:hh:mm:ss): | 0:00:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 3 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | -0.286 |
| | Minimum: | -0.286 |
| | Time of Minimum: | 7:38:58 |
| | Date of Minimum: | 8/12/2024 |
| | Maximum: | -0.286 |
| | Time of Maximum: | 7:38:58 |
| | Date of Maximum: | 8/12/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/12/2024 | 7:38:58 | -0.286 |
| 8/12/2024 | 7:53:58 | -0.286 |
| 8/12/2024 | 8:08:58 | -0.286 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 016 |
| Test Abbreviation: | MANUAL_016 |
| Start Date: | 8/12/2024 |
| Start Time: | 8:25:47 |
| Duration (dd:hh:mm:ss): | 0:04:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 19 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | -0.296 |
| | Minimum: | -0.298 |
| | Time of Minimum: | 8:55:47 |
| | Date of Minimum: | 8/12/2024 |
| | Maximum: | -0.26 |

| | | | |
|---|---|---|---|
| | | Time of Maximum: | 10:55:47 |
| | | Date of Maximum: | 8/12/2024 |
| Calibration | | Sensor: | AEROSOL |
| | | Cal. date | 4/29/2024 |
| Date | | Time | AEROSOL |
| MM/dd/yyyy | | hh:mm:ss | mg/m^3 |
| | 8/12/2024 | 8:40:47 | -0.296 |
| | 8/12/2024 | 8:55:47 | -0.298 |
| | 8/12/2024 | 9:10:47 | -0.298 |
| | 8/12/2024 | 9:25:47 | -0.298 |
| | 8/12/2024 | 9:40:47 | -0.298 |
| | 8/12/2024 | 9:55:47 | -0.298 |
| | 8/12/2024 | 10:10:47 | -0.298 |
| | 8/12/2024 | 10:25:47 | -0.298 |
| | 8/12/2024 | 10:40:47 | -0.298 |
| | 8/12/2024 | 10:55:47 | -0.26 |
| | 8/12/2024 | 11:10:47 | -0.298 |
| | 8/12/2024 | 11:25:47 | -0.298 |
| | 8/12/2024 | 11:40:47 | -0.298 |
| | 8/12/2024 | 11:55:47 | -0.298 |
| | 8/12/2024 | 12:10:47 | -0.298 |
| | 8/12/2024 | 12:25:47 | -0.298 |
| | 8/12/2024 | 12:40:47 | -0.298 |
| | 8/12/2024 | 12:55:47 | -0.298 |
| | 8/12/2024 | 13:10:47 | -0.298 |

24/08/09 12:22

Summary

| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |
| Site ID | 12345678 |
| User ID | 12345678 |
| Begin | 8/9/2024 12:22 |
| End | 8/9/2024 14:54 |
| Sample Period(s) | 900 |
| Number of Records | 10 |
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 10.6 |
| Min | 0 |
| Average | 1.1 |

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Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 8/9/2024 12:37 | 0 | 0 | 0 |
| 002 | 8/9/2024 12:52 | 0 | 0 | 0 |

| | | | | |
|---|---|---|---|---|
| 003 | 8/9/2024 13:07 | 0 | 0 | 0 |
| 004 | 8/9/2024 13:22 | 0.7 | 14.8 | 10.6 |
| 005 | 8/9/2024 13:37 | 0.2 | 9.5 | 0 |
| 006 | 8/9/2024 13:52 | 0 | 0 | 0 |
| 007 | 8/9/2024 14:07 | 0 | 0 | 0 |
| 008 | 8/9/2024 14:22 | 0 | 0 | 0 |
| 009 | 8/9/2024 14:37 | 0 | 0 | 0 |
| 010 | 8/9/2024 14:52 | 0 | 0 | 0 |
| Peak | | 0.7 | 14.8 | 10.6 |
| Min | | 0 | 0 | 0 |
| Average | | 0.1 | 2.4 | 1.1 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 8/9/2024 12:37 | 0 | 0 |
| 002 | 8/9/2024 12:52 | 0 | 0 |
| 003 | 8/9/2024 13:07 | 0 | 0 |
| 004 | 8/9/2024 13:22 | 0.3 | 10.6 |
| 005 | 8/9/2024 13:37 | 0.3 | 10.6 |
| 006 | 8/9/2024 13:52 | 0.3 | 0 |
| 007 | 8/9/2024 14:07 | 0.3 | 0 |
| 008 | 8/9/2024 14:22 | 0.3 | 0 |
| 009 | 8/9/2024 14:37 | 0.3 | 0 |
| 010 | 8/9/2024 14:52 | 0.3 | 0 |

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24/08/12 07:33

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |

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| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 8/12/2024 7:33 |

| | |
|---|---|
| End | 8/12/2024 8:12 |
| Sample Period(s) | 900 |
| Number of Records | 2 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 2.9 |
| Min | 1.4 |
| Average | 2.2 |

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Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 8/12/2024 7:48 | 2.7 | 7.2 | 2.9 |
| 002 | 8/12/2024 8:03 | 2 | 6.1 | 1.4 |
| Peak | | 2.7 | 7.2 | 2.9 |
| Min | | 2 | 6.1 | 1.4 |
| Average | | 2.4 | 6.7 | 2.2 |

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TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 8/12/2024 7:48 | 0.1 | 2.9 |
| 002 | 8/12/2024 8:03 | 0.1 | 4.3 |

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24/08/12 09:17

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 8/12/2024 9:17 |
| End | 8/12/2024 13:33 |
| Sample Period(s) | 900 |
| Number of Records | 17 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 1.3 |
| Min | 0 |
| Average | 0.2 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 8/12/2024 9:32 | 0.5 | 2.7 | 0.3 |
| 002 | 8/12/2024 9:47 | 0.2 | 0.7 | 0.2 |
| 003 | 8/12/2024 10:02 | 0.2 | 0.8 | 0.3 |
| 004 | 8/12/2024 10:17 | 0.2 | 1.4 | 1.3 |
| 005 | 8/12/2024 10:32 | 0.6 | 1.9 | 0.1 |
| 006 | 8/12/2024 10:47 | 0.3 | 0.8 | 0.2 |
| 007 | 8/12/2024 11:02 | 0.1 | 0.6 | 0.1 |
| 008 | 8/12/2024 11:17 | 0.1 | 0.2 | 0.1 |
| 009 | 8/12/2024 11:32 | 0.1 | 0.8 | 0 |
| 010 | 8/12/2024 11:47 | 0.2 | 1.6 | 0.1 |

| | | | | |
|---|---|---|---|---|
| 011 | 8/12/2024 12:02 | 0.2 | 3.4 | 0 |
| 012 | 8/12/2024 12:17 | 0.1 | 0.3 | 0.1 |
| 013 | 8/12/2024 12:32 | 0.1 | 0.5 | 0.1 |
| 014 | 8/12/2024 12:47 | 0.1 | 0.2 | 0.1 |
| 015 | 8/12/2024 13:02 | 0.1 | 0.4 | 0.2 |
| 016 | 8/12/2024 13:17 | 0.1 | 0.2 | 0 |
| 017 | 8/12/2024 13:32 | 0 | 0.2 | 0 |
| Peak | | 0.6 | 3.4 | 1.3 |
| Min | | 0 | 0.2 | 0 |
| Average | | 0.2 | 1 | 0.2 |

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TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 8/12/2024 9:32 | 0 | 0.3 |
| 002 | 8/12/2024 9:47 | 0 | 0.5 |
| 003 | 8/12/2024 10:02 | 0 | 0.5 |
| 004 | 8/12/2024 10:17 | 0.1 | 1.6 |
| 005 | 8/12/2024 10:32 | 0.1 | 1.4 |
| 006 | 8/12/2024 10:47 | 0.1 | 0.3 |
| 007 | 8/12/2024 11:02 | 0.1 | 0.3 |
| 008 | 8/12/2024 11:17 | 0.1 | 0.2 |
| 009 | 8/12/2024 11:32 | 0.1 | 0.1 |
| 010 | 8/12/2024 11:47 | 0.1 | 0.1 |
| 011 | 8/12/2024 12:02 | 0.1 | 0.1 |
| 012 | 8/12/2024 12:17 | 0.1 | 0.1 |
| 013 | 8/12/2024 12:32 | 0.1 | 0.2 |
| 014 | 8/12/2024 12:47 | 0.1 | 0.2 |
| 015 | 8/12/2024 13:02 | 0.1 | 0.3 |
| 016 | 8/12/2024 13:17 | 0.1 | 0.2 |
| 017 | 8/12/2024 13:32 | 0.1 | 0 |

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24/08/19 08:32

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |

| | |
|---|---|
| Stop Reason | Power Down |
| Site ID | 12345678 |
| User ID | 12345678 |
| Begin | 8/19/2024 8:32 |
| End | 8/19/2024 14:01 |
| Sample Period(s) | 900 |
| Number of Records | 21 |
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 1.5 |
| Min | 0 |
| Average | 0.2 |

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Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 8/19/2024 8:47 | 0 | 0 | 0 |
| 002 | 8/19/2024 9:02 | 0 | 0 | 0 |
| 003 | 8/19/2024 9:17 | 0 | 0.5 | 0 |
| 004 | 8/19/2024 9:32 | 0 | 0 | 0 |
| 005 | 8/19/2024 9:47 | 0 | 0 | 0 |
| 006 | 8/19/2024 10:02 | 0 | 0.1 | 0 |
| 007 | 8/19/2024 10:17 | 0 | 0.1 | 0 |
| 008 | 8/19/2024 10:32 | 0 | 0 | 0 |
| 009 | 8/19/2024 10:47 | 0 | 1.4 | 0 |
| 010 | 8/19/2024 11:02 | 0.1 | 5.6 | 0.4 |
| 011 | 8/19/2024 11:17 | 0.9 | 7.3 | 1.5 |
| 012 | 8/19/2024 11:32 | 0.7 | 11 | 0 |
| 013 | 8/19/2024 11:47 | 0.1 | 0.8 | 0 |
| 014 | 8/19/2024 12:02 | 0.1 | 1.4 | 0 |

| | | | | |
|---|---|---|---|---|
| 015 | 8/19/2024 12:17 | 0.1 | 1.8 | 0 |
| 016 | 8/19/2024 12:32 | 0.1 | 0.8 | 0 |
| 017 | 8/19/2024 12:47 | 0 | 0.3 | 0.1 |
| 018 | 8/19/2024 13:02 | 0.5 | 2.8 | 0.8 |
| 019 | 8/19/2024 13:17 | 0.4 | 2.5 | 0.3 |
| 020 | 8/19/2024 13:32 | 0.2 | 1.1 | 0.2 |
| 021 | 8/19/2024 13:47 | 0.5 | 4.8 | 0.3 |
| Peak | | 0.9 | 11 | 1.5 |
| Min | | 0 | 0 | 0 |
| Average | | 0.2 | 2 | 0.2 |

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TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 8/19/2024 8:47 | 0 | 0 |
| 002 | 8/19/2024 9:02 | 0 | 0 |
| 003 | 8/19/2024 9:17 | 0 | 0 |
| 004 | 8/19/2024 9:32 | 0 | 0 |
| 005 | 8/19/2024 9:47 | 0 | 0 |
| 006 | 8/19/2024 10:02 | 0 | 0 |
| 007 | 8/19/2024 10:17 | 0 | 0 |
| 008 | 8/19/2024 10:32 | 0 | 0 |
| 009 | 8/19/2024 10:47 | 0 | 0 |
| 010 | 8/19/2024 11:02 | 0 | 0.4 |
| 011 | 8/19/2024 11:17 | 0.1 | 1.9 |
| 012 | 8/19/2024 11:32 | 0.1 | 1.5 |
| 013 | 8/19/2024 11:47 | 0.1 | 0 |
| 014 | 8/19/2024 12:02 | 0.1 | 0 |
| 015 | 8/19/2024 12:17 | 0.1 | 0 |
| 016 | 8/19/2024 12:32 | 0.1 | 0 |
| 017 | 8/19/2024 12:47 | 0.1 | 0.1 |
| 018 | 8/19/2024 13:02 | 0.1 | 0.9 |
| 019 | 8/19/2024 13:17 | 0.1 | 1.1 |
| 020 | 8/19/2024 13:32 | 0.1 | 0.5 |
| 021 | 8/19/2024 13:47 | 0.1 | 0.5 |

TrakPro Version 4.70 ASCII Data File

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 015 |
| Test Abbreviation: | MANUAL_015 |
| Start Date: | 8/19/2024 |
| Start Time: | 8:15:31 |
| Duration (dd:hh:mm:ss): | 0:05:15:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 21 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.022 |
| | Minimum: | 0.001 |
| | Time of Minimum: | 9:45:31 |
| | Date of Minimum: | 8/19/2024 |
| | Maximum: | 0.104 |
| | Time of Maximum: | 8:45:31 |
| | Date of Maximum: | 8/19/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/19/2024 | 8:30:31 | 0.007 |
| 8/19/2024 | 8:45:31 | 0.104 |
| 8/19/2024 | 9:00:31 | 0.088 |
| 8/19/2024 | 9:15:31 | 0.051 |
| 8/19/2024 | 9:30:31 | 0.008 |
| 8/19/2024 | 9:45:31 | 0.001 |
| 8/19/2024 | 10:00:31 | 0.001 |
| 8/19/2024 | 10:15:31 | 0.002 |
| 8/19/2024 | 10:30:31 | 0.005 |
| 8/19/2024 | 10:45:31 | 0.006 |
| 8/19/2024 | 11:00:31 | 0.006 |
| 8/19/2024 | 11:15:31 | 0.008 |
| 8/19/2024 | 11:30:31 | 0.013 |
| 8/19/2024 | 11:45:31 | 0.018 |
| 8/19/2024 | 12:00:31 | 0.019 |

| | | |
|---|---|---|
| 8/19/2024 | 12:15:31 | 0.019 |
| 8/19/2024 | 12:30:31 | 0.02 |
| 8/19/2024 | 12:45:31 | 0.019 |
| 8/19/2024 | 13:00:31 | 0.019 |
| 8/19/2024 | 13:15:31 | 0.019 |
| 8/19/2024 | 13:30:31 | 0.035 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 016 |
| Test Abbreviation: | MANUAL_016 |
| Start Date: | 8/20/2024 |
| Start Time: | 8:12:29 |
| Duration (dd:hh:mm:ss): | 0:05:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 22 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.08 |
| | Minimum: | 0.014 |
| | Time of Minimum: | 9:27:29 |
| | Date of Minimum: | 8/20/2024 |
| | Maximum: | 0.676 |
| | Time of Maximum: | 9:42:29 |
| | Date of Maximum: | 8/20/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/20/2024 | 8:27:29 | 0.026 |
| 8/20/2024 | 8:42:29 | 0.051 |
| 8/20/2024 | 8:57:29 | 0.042 |
| 8/20/2024 | 9:12:29 | 0.071 |
| 8/20/2024 | 9:27:29 | 0.014 |
| 8/20/2024 | 9:42:29 | 0.676 |
| 8/20/2024 | 9:57:29 | 0.075 |
| 8/20/2024 | 10:12:29 | 0.072 |
| 8/20/2024 | 10:27:29 | 0.034 |
| 8/20/2024 | 10:42:29 | 0.056 |

| | | |
|---|---|---|
| 8/20/2024 | 10:57:29 | 0.077 |
| 8/20/2024 | 11:12:29 | 0.03 |
| 8/20/2024 | 11:27:29 | 0.07 |
| 8/20/2024 | 11:42:29 | 0.026 |
| 8/20/2024 | 11:57:29 | 0.03 |
| 8/20/2024 | 12:12:29 | 0.023 |
| 8/20/2024 | 12:27:29 | 0.023 |
| 8/20/2024 | 12:42:29 | 0.021 |
| 8/20/2024 | 12:57:29 | 0.015 |
| 8/20/2024 | 13:12:29 | 0.064 |
| 8/20/2024 | 13:27:29 | 0.228 |
| 8/20/2024 | 13:42:29 | 0.038 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 017 |
| Test Abbreviation: | MANUAL_017 |
| Start Date: | 8/21/2024 |
| Start Time: | 7:42:53 |
| Duration (dd:hh:mm:ss): | 0:06:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 27 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.037 |
| | Minimum: | 0.019 |
| | Time of Minimum: | 10:27:53 |
| | Date of Minimum: | 8/21/2024 |
| | Maximum: | 0.082 |
| | Time of Maximum: | 14:27:53 |
| | Date of Maximum: | 8/21/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/21/2024 | 7:57:53 | 0.021 |
| 8/21/2024 | 8:12:53 | 0.035 |
| 8/21/2024 | 8:27:53 | 0.042 |
| 8/21/2024 | 8:42:53 | 0.026 |

| | | |
|---|---|---|
| 8/21/2024 | 8:57:53 | 0.02 |
| 8/21/2024 | 9:12:53 | 0.032 |
| 8/21/2024 | 9:27:53 | 0.026 |
| 8/21/2024 | 9:42:53 | 0.045 |
| 8/21/2024 | 9:57:53 | 0.033 |
| 8/21/2024 | 10:12:53 | 0.043 |
| 8/21/2024 | 10:27:53 | 0.019 |
| 8/21/2024 | 10:42:53 | 0.032 |
| 8/21/2024 | 10:57:53 | 0.05 |
| 8/21/2024 | 11:12:53 | 0.038 |
| 8/21/2024 | 11:27:53 | 0.041 |
| 8/21/2024 | 11:42:53 | 0.026 |
| 8/21/2024 | 11:57:53 | 0.034 |
| 8/21/2024 | 12:12:53 | 0.025 |
| 8/21/2024 | 12:27:53 | 0.036 |
| 8/21/2024 | 12:42:53 | 0.02 |
| 8/21/2024 | 12:57:53 | 0.065 |
| 8/21/2024 | 13:12:53 | 0.052 |
| 8/21/2024 | 13:27:53 | 0.05 |
| 8/21/2024 | 13:42:53 | 0.031 |
| 8/21/2024 | 13:57:53 | 0.036 |
| 8/21/2024 | 14:12:53 | 0.042 |
| 8/21/2024 | 14:27:53 | 0.082 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 018 |
| Test Abbreviation: | MANUAL_018 |
| Start Date: | 8/22/2024 |
| Start Time: | 8:51:34 |
| Duration (dd:hh:mm:ss): | 0:05:15:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 21 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.034 |
| | Minimum: | 0.02 |
| | Time of Minimum: | 10:06:34 |
| | Date of Minimum: | 8/22/2024 |
| | Maximum: | 0.107 |
| | Time of Maximum: | 14:06:34 |

| | | | |
|---|---|---|---|
| | | Date of Maximum: | 8/22/2024 |
| Calibration | | Sensor: | AEROSOL |
| | | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/22/2024 | 9:06:34 | 0.023 |
| 8/22/2024 | 9:21:34 | 0.021 |
| 8/22/2024 | 9:36:34 | 0.024 |
| 8/22/2024 | 9:51:34 | 0.025 |
| 8/22/2024 | 10:06:34 | 0.02 |
| 8/22/2024 | 10:21:34 | 0.034 |
| 8/22/2024 | 10:36:34 | 0.024 |
| 8/22/2024 | 10:51:34 | 0.026 |
| 8/22/2024 | 11:06:34 | 0.022 |
| 8/22/2024 | 11:21:34 | 0.034 |
| 8/22/2024 | 11:36:34 | 0.053 |
| 8/22/2024 | 11:51:34 | 0.025 |
| 8/22/2024 | 12:06:34 | 0.025 |
| 8/22/2024 | 12:21:34 | 0.026 |
| 8/22/2024 | 12:36:34 | 0.027 |
| 8/22/2024 | 12:51:34 | 0.027 |
| 8/22/2024 | 13:06:34 | 0.027 |
| 8/22/2024 | 13:21:34 | 0.031 |
| 8/22/2024 | 13:36:34 | 0.036 |
| 8/22/2024 | 13:51:34 | 0.08 |
| 8/22/2024 | 14:06:34 | 0.107 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 019 |
| Test Abbreviation: | MANUAL_019 |
| Start Date: | 8/23/2024 |
| Start Time: | 7:50:21 |
| Duration (dd:hh:mm:ss): | 0:03:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 15 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.021 |

| | |
|---|---|
| Minimum: | 0.019 |
| Time of Minimum: | 9:20:21 |
| Date of Minimum: | 8/23/2024 |
| Maximum: | 0.028 |
| Time of Maximum: | 8:05:21 |
| Date of Maximum: | 8/23/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/23/2024 | 8:05:21 | 0.028 |
| 8/23/2024 | 8:20:21 | 0.022 |
| 8/23/2024 | 8:35:21 | 0.022 |
| 8/23/2024 | 8:50:21 | 0.021 |
| 8/23/2024 | 9:05:21 | 0.021 |
| 8/23/2024 | 9:20:21 | 0.019 |
| 8/23/2024 | 9:35:21 | 0.019 |
| 8/23/2024 | 9:50:21 | 0.019 |
| 8/23/2024 | 10:05:21 | 0.019 |
| 8/23/2024 | 10:20:21 | 0.02 |
| 8/23/2024 | 10:35:21 | 0.025 |
| 8/23/2024 | 10:50:21 | 0.02 |
| 8/23/2024 | 11:05:21 | 0.019 |
| 8/23/2024 | 11:20:21 | 0.02 |
| 8/23/2024 | 11:35:21 | 0.021 |

TrakPro Version 4.70 ASCII Data File

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 017 |
| Test Abbreviation: | MANUAL_017 |
| Start Date: | 8/19/2024 |
| Start Time: | 7:56:01 |
| Duration (dd:hh:mm:ss): | 0:05:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 22 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.003 |
| | Minimum: | -0.001 |
| | Time of Minimum: | 9:41:01 |
| | Date of Minimum: | 8/19/2024 |
| | Maximum: | 0.01 |
| | Time of Maximum: | 13:11:01 |
| | Date of Maximum: | 8/19/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/19/2024 | 8:11:01 | 0.002 |
| 8/19/2024 | 8:26:01 | 0 |
| 8/19/2024 | 8:41:01 | 0 |
| 8/19/2024 | 8:56:01 | 0 |
| 8/19/2024 | 9:11:01 | 0 |
| 8/19/2024 | 9:26:01 | 0 |
| 8/19/2024 | 9:41:01 | -0.001 |
| 8/19/2024 | 9:56:01 | 0.001 |
| 8/19/2024 | 10:11:01 | -0.001 |
| 8/19/2024 | 10:26:01 | 0 |
| 8/19/2024 | 10:41:01 | 0 |
| 8/19/2024 | 10:56:01 | 0 |
| 8/19/2024 | 11:11:01 | 0 |
| 8/19/2024 | 11:26:01 | 0.002 |
| 8/19/2024 | 11:41:01 | 0.007 |

| | | |
|---|---|---|
| 8/19/2024 | 11:56:01 | 0.008 |
| 8/19/2024 | 12:11:01 | 0.008 |
| 8/19/2024 | 12:26:01 | 0.009 |
| 8/19/2024 | 12:41:01 | 0.009 |
| 8/19/2024 | 12:56:01 | 0.009 |
| 8/19/2024 | 13:11:01 | 0.01 |
| 8/19/2024 | 13:26:01 | 0.009 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 018 |
| Test Abbreviation: | MANUAL_018 |
| Start Date: | 8/20/2024 |
| Start Time: | 8:14:48 |
| Duration (dd:hh:mm:ss): | 0:05:15:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 21 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.002 |
| | Minimum: | 0 |
| | Time of Minimum: | 10:59:48 |
| | Date of Minimum: | 8/20/2024 |
| | Maximum: | 0.006 |
| | Time of Maximum: | 8:29:48 |
| | Date of Maximum: | 8/20/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/20/2024 | 8:29:48 | 0.006 |
| 8/20/2024 | 8:44:48 | 0.005 |
| 8/20/2024 | 8:59:48 | 0.003 |
| 8/20/2024 | 9:14:48 | 0.003 |
| 8/20/2024 | 9:29:48 | 0.003 |
| 8/20/2024 | 9:44:48 | 0.003 |
| 8/20/2024 | 9:59:48 | 0.002 |
| 8/20/2024 | 10:14:48 | 0.001 |
| 8/20/2024 | 10:29:48 | 0.001 |

| | | |
|---|---|---|
| 8/20/2024 | 10:44:48 | 0.001 |
| 8/20/2024 | 10:59:48 | 0 |
| 8/20/2024 | 11:14:48 | 0 |
| 8/20/2024 | 11:29:48 | 0 |
| 8/20/2024 | 11:44:48 | 0 |
| 8/20/2024 | 11:59:48 | 0 |
| 8/20/2024 | 12:14:48 | 0 |
| 8/20/2024 | 12:29:48 | 0.002 |
| 8/20/2024 | 12:44:48 | 0.001 |
| 8/20/2024 | 12:59:48 | 0 |
| 8/20/2024 | 13:14:48 | 0.001 |
| 8/20/2024 | 13:29:48 | 0 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 019 |
| Test Abbreviation: | MANUAL_019 |
| Start Date: | 8/21/2024 |
| Start Time: | 7:49:02 |
| Duration (dd:hh:mm:ss): | 0:06:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 26 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.003 |
| | Minimum: | 0 |
| | Time of Minimum: | 9:49:02 |
| | Date of Minimum: | 8/21/2024 |
| | Maximum: | 0.013 |
| | Time of Maximum: | 8:04:02 |
| | Date of Maximum: | 8/21/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/21/2024 | 8:04:02 | 0.013 |
| 8/21/2024 | 8:19:02 | 0.011 |
| 8/21/2024 | 8:34:02 | 0.009 |
| 8/21/2024 | 8:49:02 | 0.006 |

| | | |
|---|---|---|
| 8/21/2024 | 9:04:02 | 0.004 |
| 8/21/2024 | 9:19:02 | 0.002 |
| 8/21/2024 | 9:34:02 | 0.001 |
| 8/21/2024 | 9:49:02 | 0 |
| 8/21/2024 | 10:04:02 | 0 |
| 8/21/2024 | 10:19:02 | 0 |
| 8/21/2024 | 10:34:02 | 0 |
| 8/21/2024 | 10:49:02 | 0 |
| 8/21/2024 | 11:04:02 | 0 |
| 8/21/2024 | 11:19:02 | 0 |
| 8/21/2024 | 11:34:02 | 0 |
| 8/21/2024 | 11:49:02 | 0 |
| 8/21/2024 | 12:04:02 | 0.001 |
| 8/21/2024 | 12:19:02 | 0.002 |
| 8/21/2024 | 12:34:02 | 0.003 |
| 8/21/2024 | 12:49:02 | 0.003 |
| 8/21/2024 | 13:04:02 | 0.003 |
| 8/21/2024 | 13:19:02 | 0.003 |
| 8/21/2024 | 13:34:02 | 0.003 |
| 8/21/2024 | 13:49:02 | 0.003 |
| 8/21/2024 | 14:04:02 | 0.003 |
| 8/21/2024 | 14:19:02 | 0.003 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 020 |
| Test Abbreviation: | MANUAL_020 |
| Start Date: | 8/22/2024 |
| Start Time: | 8:50:29 |
| Duration (dd:hh:mm:ss): | 0:05:15:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 21 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.005 |
| | Minimum: | 0 |
| | Time of Minimum: | 10:50:29 |
| | Date of Minimum: | 8/22/2024 |
| | Maximum: | 0.022 |
| | Time of Maximum: | 9:05:29 |
| | Date of Maximum: | 8/22/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/22/2024 | 9:05:29 | 0.022 |
| 8/22/2024 | 9:20:29 | 0.018 |
| 8/22/2024 | 9:35:29 | 0.013 |
| 8/22/2024 | 9:50:29 | 0.009 |
| 8/22/2024 | 10:05:29 | 0.004 |
| 8/22/2024 | 10:20:29 | 0.003 |
| 8/22/2024 | 10:35:29 | 0.001 |
| 8/22/2024 | 10:50:29 | 0 |
| 8/22/2024 | 11:05:29 | 0 |
| 8/22/2024 | 11:20:29 | 0 |
| 8/22/2024 | 11:35:29 | 0 |
| 8/22/2024 | 11:50:29 | 0 |
| 8/22/2024 | 12:05:29 | 0 |
| 8/22/2024 | 12:20:29 | 0.001 |
| 8/22/2024 | 12:35:29 | 0.003 |
| 8/22/2024 | 12:50:29 | 0.003 |
| 8/22/2024 | 13:05:29 | 0.003 |
| 8/22/2024 | 13:20:29 | 0.003 |
| 8/22/2024 | 13:35:29 | 0.004 |
| 8/22/2024 | 13:50:29 | 0.004 |
| 8/22/2024 | 14:05:29 | 0.005 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 021 |
| Test Abbreviation: | MANUAL_021 |
| Start Date: | 8/23/2024 |
| Start Time: | 7:54:09 |
| Duration (dd:hh:mm:ss): | 0:03:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 14 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.005 |
| | Minimum: | -0.001 |

| | |
|---|---|
| Time of Minimum: | 11:09:09 |
| Date of Minimum: | 8/23/2024 |
| Maximum: | 0.017 |
| Time of Maximum: | 8:09:09 |
| Date of Maximum: | 8/23/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/23/2024 | 8:09:09 | 0.017 |
| 8/23/2024 | 8:24:09 | 0.014 |
| 8/23/2024 | 8:39:09 | 0.009 |
| 8/23/2024 | 8:54:09 | 0.009 |
| 8/23/2024 | 9:09:09 | 0.01 |
| 8/23/2024 | 9:24:09 | 0.004 |
| 8/23/2024 | 9:39:09 | 0.003 |
| 8/23/2024 | 9:54:09 | 0.002 |
| 8/23/2024 | 10:09:09 | 0.001 |
| 8/23/2024 | 10:24:09 | 0 |
| 8/23/2024 | 10:39:09 | 0 |
| 8/23/2024 | 10:54:09 | 0 |
| 8/23/2024 | 11:09:09 | -0.001 |
| 8/23/2024 | 11:24:09 | -0.001 |

==========
24/08/19 08:32
**********
Summary
---
Unit Name MiniRAE 3000(PGM-7320)
Unit SN 592-920873
Unit Firmware Ver V2.22
---
Running Mode Hygiene Mode
Datalog Mode Auto
Diagnostic Mode No
Stop Reason Power Down
---
Site ID 12345678
User ID 12345678
---
Begin 8/19/2024 08:32:26
End 8/19/2024 14:01:00
Sample Period(s) 900
Number of Records 21
---
Sensor PID(ppm)
Sensor SN S023030625A9
Measure Type Avg; Max; Real
Span 100.0
Span 2 1000.0
Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 100.0
TWA Alarm 50.0
Measurement Gas Isobutylene
Calibration Time 7/12/2024 09:12
Peak 1.5
Min 0.0
Average 0.2

**********
Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 8/19/2024 08:47:26 | 0.0 | 0.0 | 0.0 |
| 002 | 8/19/2024 09:02:26 | 0.0 | 0.0 | 0.0 |
| 003 | 8/19/2024 09:17:26 | 0.0 | 0.5 | 0.0 |
| 004 | 8/19/2024 09:32:26 | 0.0 | 0.0 | 0.0 |
| 005 | 8/19/2024 09:47:26 | 0.0 | 0.0 | 0.0 |
| 006 | 8/19/2024 10:02:26 | 0.0 | 0.1 | 0.0 |
| 007 | 8/19/2024 10:17:26 | 0.0 | 0.1 | 0.0 |
| 008 | 8/19/2024 10:32:26 | 0.0 | 0.0 | 0.0 |

| | | | | | |
|---|---|---|---|---|---|
| 009 | 8/19/2024 10:47:26 | | 0.0 | 1.4 | 0.0 |
| 010 | 8/19/2024 11:02:26 | | 0.1 | 5.6 | 0.4 |
| 011 | 8/19/2024 11:17:26 | | 0.9 | 7.3 | 1.5 |
| 012 | 8/19/2024 11:32:26 | | 0.7 | 11.0 | 0.0 |
| 013 | 8/19/2024 11:47:26 | | 0.1 | 0.8 | 0.0 |
| 014 | 8/19/2024 12:02:26 | | 0.1 | 1.4 | 0.0 |
| 015 | 8/19/2024 12:17:26 | | 0.1 | 1.8 | 0.0 |
| 016 | 8/19/2024 12:32:26 | | 0.1 | 0.8 | 0.0 |
| 017 | 8/19/2024 12:47:26 | | 0.0 | 0.3 | 0.1 |
| 018 | 8/19/2024 13:02:26 | | 0.5 | 2.8 | 0.8 |
| 019 | 8/19/2024 13:17:26 | | 0.4 | 2.5 | 0.3 |
| 020 | 8/19/2024 13:32:26 | | 0.2 | 1.1 | 0.2 |
| 021 | 8/19/2024 13:47:26 | | 0.5 | 4.8 | 0.3 |
| Peak | | 0.9 | 11.0 | 1.5 | |
| Min | | 0.0 | 0.0 | 0.0 | |
| Average | | 0.2 | 2.0 | 0.2 | |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 8/19/2024 08:47:26 | 0.0 | 0.0 |
| 002 | 8/19/2024 09:02:26 | 0.0 | 0.0 |
| 003 | 8/19/2024 09:17:26 | 0.0 | 0.0 |
| 004 | 8/19/2024 09:32:26 | 0.0 | 0.0 |
| 005 | 8/19/2024 09:47:26 | 0.0 | 0.0 |
| 006 | 8/19/2024 10:02:26 | 0.0 | 0.0 |
| 007 | 8/19/2024 10:17:26 | 0.0 | 0.0 |
| 008 | 8/19/2024 10:32:26 | 0.0 | 0.0 |
| 009 | 8/19/2024 10:47:26 | 0.0 | 0.0 |
| 010 | 8/19/2024 11:02:26 | 0.0 | 0.4 |
| 011 | 8/19/2024 11:17:26 | 0.1 | 1.9 |
| 012 | 8/19/2024 11:32:26 | 0.1 | 1.5 |
| 013 | 8/19/2024 11:47:26 | 0.1 | 0.0 |
| 014 | 8/19/2024 12:02:26 | 0.1 | 0.0 |
| 015 | 8/19/2024 12:17:26 | 0.1 | 0.0 |
| 016 | 8/19/2024 12:32:26 | 0.1 | 0.0 |
| 017 | 8/19/2024 12:47:26 | 0.1 | 0.1 |
| 018 | 8/19/2024 13:02:26 | 0.1 | 0.9 |
| 019 | 8/19/2024 13:17:26 | 0.1 | 1.1 |
| 020 | 8/19/2024 13:32:26 | 0.1 | 0.5 |
| 021 | 8/19/2024 13:47:26 | 0.1 | 0.5 |

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24/08/20 08:29

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Summary

---

Unit Name MiniRAE 3000(PGM-7320)

Unit SN 592-920873

Unit Firmware Ver V2.22

```
------------------------------------------------------------
Running Mode    Hygiene Mode
Datalog Mode    Auto
Diagnostic Mode No
Stop Reason     Battery Low
------------------------------------------------------------
Site ID 12345678
User ID 12345678
------------------------------------------------------------
Begin   8/20/2024 08:29:30
End     8/20/2024 08:47:13
Sample Period(s)        900
Number of Records       1
------------------------------------------------------------
Sensor  PID(ppm)
Sensor SN       S023030625A9
Measure Type    Avg; Max; Real
Span    100.0
Span 2  1000.0
Low Alarm       50.0
High Alarm      100.0
Over Alarm      15000.0
STEL Alarm      100.0
TWA Alarm       50.0
Measurement Gas Isobutylene
Calibration Time        7/12/2024 09:12
Peak    5.1
Min     5.1
Average 5.1

************************************************************
Datalog
                              PID(ppm) PID(ppm) PID(ppm)
Index   Date/Time               (Avg)   (Max)   (Real)
001     8/20/2024 08:44:30      2.1     10.5    5.1
Peak            2.1     10.5    5.1
Min             2.1     10.5    5.1
Average         2.1     10.5    5.1

************************************************************
TWA/STEL
                               PID(ppm) PID(ppm)
Index   Date/Time               (TWA)   (STEL)
001     8/20/2024 08:44:30      0.2     5.1
============================================================
24/08/20 09:18
************************************************************
Summary
------------------------------------------------------------
Unit Name       MiniRAE 3000(PGM-7320)
```

Unit SN 592-920873
Unit Firmware Ver V2.22

---

Running Mode Hygiene Mode
Datalog Mode Auto
Diagnostic Mode No
Stop Reason Power Down

---

Site ID 12345678
User ID 12345678

---

Begin 8/20/2024 09:18:28
End 8/20/2024 14:08:32
Sample Period(s) 900
Number of Records 19

---

Sensor PID(ppm)
Sensor SN S023030625A9
Measure Type Avg; Max; Real
Span 100.0
Span 2 1000.0
Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 100.0
TWA Alarm 50.0
Measurement Gas Isobutylene
Calibration Time 7/12/2024 09:12
Peak 2.2
Min 0.1
Average 0.5

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 8/20/2024 09:33:28 | 0.6 | 3.1 | 1.4 |
| 002 | 8/20/2024 09:48:28 | 0.6 | 3.4 | 0.2 |
| 003 | 8/20/2024 10:03:28 | 0.5 | 3.9 | 2.2 |
| 004 | 8/20/2024 10:18:28 | 0.7 | 4.8 | 0.4 |
| 005 | 8/20/2024 10:33:28 | 0.4 | 2.3 | 0.6 |
| 006 | 8/20/2024 10:48:28 | 0.3 | 1.6 | 0.4 |
| 007 | 8/20/2024 11:03:28 | 0.4 | 1.9 | 0.2 |
| 008 | 8/20/2024 11:18:28 | 0.2 | 0.7 | 0.2 |
| 009 | 8/20/2024 11:33:28 | 0.5 | 5.6 | 1.1 |
| 010 | 8/20/2024 11:48:28 | 0.7 | 3.1 | 0.4 |
| 011 | 8/20/2024 12:03:28 | 0.4 | 1.7 | 0.5 |
| 012 | 8/20/2024 12:18:28 | 0.3 | 1.3 | 0.3 |
| 013 | 8/20/2024 12:33:28 | 0.2 | 1.0 | 0.1 |
| 014 | 8/20/2024 12:48:28 | 0.2 | 0.9 | 0.1 |

| | | | | | |
|---|---|---|---|---|---|
| 015 | 8/20/2024 13:03:28 | | 0.2 | 1.1 | 0.2 |
| 016 | 8/20/2024 13:18:28 | | 0.2 | 0.6 | 0.2 |
| 017 | 8/20/2024 13:33:28 | | 0.4 | 1.6 | 0.2 |
| 018 | 8/20/2024 13:48:28 | | 0.2 | 1.0 | 0.1 |
| 019 | 8/20/2024 14:03:28 | | 0.1 | 0.4 | 0.1 |
| Peak | | 0.7 | 5.6 | 2.2 | |
| Min | | 0.1 | 0.4 | 0.1 | |
| Average | | 0.4 | 2.1 | 0.5 | |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 8/20/2024 09:33:28 | 0.0 | 1.4 |
| 002 | 8/20/2024 09:48:28 | 0.0 | 1.6 |
| 003 | 8/20/2024 10:03:28 | 0.1 | 2.4 |
| 004 | 8/20/2024 10:18:28 | 0.1 | 2.6 |
| 005 | 8/20/2024 10:33:28 | 0.1 | 1.0 |
| 006 | 8/20/2024 10:48:28 | 0.2 | 1.0 |
| 007 | 8/20/2024 11:03:28 | 0.2 | 0.6 |
| 008 | 8/20/2024 11:18:28 | 0.2 | 0.4 |
| 009 | 8/20/2024 11:33:28 | 0.2 | 1.3 |
| 010 | 8/20/2024 11:48:28 | 0.2 | 1.5 |
| 011 | 8/20/2024 12:03:28 | 0.2 | 0.9 |
| 012 | 8/20/2024 12:18:28 | 0.2 | 0.8 |
| 013 | 8/20/2024 12:33:28 | 0.3 | 0.4 |
| 014 | 8/20/2024 12:48:28 | 0.3 | 0.2 |
| 015 | 8/20/2024 13:03:28 | 0.3 | 0.3 |
| 016 | 8/20/2024 13:18:28 | 0.3 | 0.4 |
| 017 | 8/20/2024 13:33:28 | 0.3 | 0.4 |
| 018 | 8/20/2024 13:48:28 | 0.3 | 0.3 |
| 019 | 8/20/2024 14:03:28 | 0.3 | 0.2 |

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24/08/21 07:59

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Summary

---

Unit Name MiniRAE 3000(PGM-7320)
Unit SN 592-920873
Unit Firmware Ver V2.22

---

Running Mode Hygiene Mode
Datalog Mode Auto
Diagnostic Mode No
Stop Reason Power Down

---

Site ID 12345678
User ID 12345678

---

Begin 8/21/2024 07:59:57

End 8/21/2024 14:47:31
Sample Period(s) 900
Number of Records 27

---

Sensor PID(ppm)
Sensor SN S023030625A9
Measure Type Avg; Max; Real
Span 100.0
Span 2 1000.0
Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 100.0
TWA Alarm 50.0
Measurement Gas Isobutylene
Calibration Time 7/12/2024 09:12
Peak 2.7
Min 0.1
Average 0.9

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 8/21/2024 08:14:57 | 2.1 | 8.7 | 2.6 |
| 002 | 8/21/2024 08:29:57 | 2.8 | 9.6 | 1.4 |
| 003 | 8/21/2024 08:44:57 | 1.7 | 5.0 | 2.1 |
| 004 | 8/21/2024 08:59:57 | 1.4 | 5.2 | 1.2 |
| 005 | 8/21/2024 09:14:57 | 1.2 | 3.4 | 1.2 |
| 006 | 8/21/2024 09:29:57 | 1.2 | 3.6 | 1.3 |
| 007 | 8/21/2024 09:44:57 | 1.2 | 4.1 | 0.7 |
| 008 | 8/21/2024 09:59:57 | 1.7 | 4.9 | 2.7 |
| 009 | 8/21/2024 10:14:57 | 1.3 | 4.1 | 1.0 |
| 010 | 8/21/2024 10:29:57 | 1.4 | 3.6 | 0.9 |
| 011 | 8/21/2024 10:44:57 | 0.9 | 2.0 | 0.8 |
| 012 | 8/21/2024 10:59:57 | 1.2 | 3.2 | 0.9 |
| 013 | 8/21/2024 11:14:57 | 0.8 | 1.9 | 1.0 |
| 014 | 8/21/2024 11:29:57 | 0.8 | 4.2 | 0.6 |
| 015 | 8/21/2024 11:44:57 | 0.4 | 1.8 | 0.2 |
| 016 | 8/21/2024 11:59:57 | 0.4 | 1.6 | 0.1 |
| 017 | 8/21/2024 12:14:57 | 0.6 | 1.4 | 0.6 |
| 018 | 8/21/2024 12:29:57 | 0.6 | 1.8 | 0.3 |
| 019 | 8/21/2024 12:44:57 | 0.4 | 1.2 | 0.4 |
| 020 | 8/21/2024 12:59:57 | 0.4 | 1.3 | 0.3 |
| 021 | 8/21/2024 13:14:57 | 0.5 | 1.5 | 0.3 |
| 022 | 8/21/2024 13:29:57 | 1.0 | 2.1 | 0.4 |
| 023 | 8/21/2024 13:44:57 | 0.6 | 1.5 | 0.6 |
| 024 | 8/21/2024 13:59:57 | 0.8 | 1.8 | 0.6 |
| 025 | 8/21/2024 14:14:57 | 0.5 | 2.1 | 0.7 |
| 026 | 8/21/2024 14:29:57 | 0.6 | 1.3 | 0.4 |

027 8/21/2024 14:44:57 0.5 1.3 0.7
Peak 2.8 9.6 2.7
Min 0.4 1.2 0.1
Average 1.0 3.1 0.9

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 8/21/2024 08:14:57 | 0.1 | 2.6 |
| 002 | 8/21/2024 08:29:57 | 0.1 | 4.0 |
| 003 | 8/21/2024 08:44:57 | 0.2 | 3.5 |
| 004 | 8/21/2024 08:59:57 | 0.2 | 3.3 |
| 005 | 8/21/2024 09:14:57 | 0.3 | 2.4 |
| 006 | 8/21/2024 09:29:57 | 0.3 | 2.5 |
| 007 | 8/21/2024 09:44:57 | 0.3 | 2.0 |
| 008 | 8/21/2024 09:59:57 | 0.4 | 3.4 |
| 009 | 8/21/2024 10:14:57 | 0.4 | 3.7 |
| 010 | 8/21/2024 10:29:57 | 0.5 | 1.9 |
| 011 | 8/21/2024 10:44:57 | 0.5 | 1.7 |
| 012 | 8/21/2024 10:59:57 | 0.5 | 1.7 |
| 013 | 8/21/2024 11:14:57 | 0.6 | 1.9 |
| 014 | 8/21/2024 11:29:57 | 0.6 | 1.6 |
| 015 | 8/21/2024 11:44:57 | 0.6 | 0.8 |
| 016 | 8/21/2024 11:59:57 | 0.6 | 0.3 |
| 017 | 8/21/2024 12:14:57 | 0.6 | 0.7 |
| 018 | 8/21/2024 12:29:57 | 0.6 | 0.9 |
| 019 | 8/21/2024 12:44:57 | 0.6 | 0.7 |
| 020 | 8/21/2024 12:59:57 | 0.6 | 0.7 |
| 021 | 8/21/2024 13:14:57 | 0.6 | 0.6 |
| 022 | 8/21/2024 13:29:57 | 0.7 | 0.7 |
| 023 | 8/21/2024 13:44:57 | 0.7 | 1.0 |
| 024 | 8/21/2024 13:59:57 | 0.7 | 1.2 |
| 025 | 8/21/2024 14:14:57 | 0.7 | 1.3 |
| 026 | 8/21/2024 14:29:57 | 0.7 | 1.1 |
| 027 | 8/21/2024 14:44:57 | 0.8 | 1.1 |

==========

24/08/22 09:08

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Summary

---

Unit Name MiniRAE 3000(PGM-7320)
Unit SN 592-920873
Unit Firmware Ver V2.22

---

Running Mode Hygiene Mode
Datalog Mode Auto
Diagnostic Mode No
Stop Reason Battery Low

---

Site ID 12345678
User ID 12345678

---

Begin 8/22/2024 09:08:57
End 8/22/2024 12:19:42
Sample Period(s) 900
Number of Records 12

---

Sensor PID(ppm)
Sensor SN S023030625A9
Measure Type Avg; Max; Real
Span 100.0
Span 2 1000.0
Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 100.0
TWA Alarm 50.0
Measurement Gas Isobutylene
Calibration Time 7/12/2024 09:12
Peak 0.3
Min 0.0
Average 0.1

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 8/22/2024 09:23:57 | 0.1 | 1.1 | 0.0 |
| 002 | 8/22/2024 09:38:57 | 0.1 | 0.7 | 0.0 |
| 003 | 8/22/2024 09:53:57 | 0.1 | 0.9 | 0.0 |
| 004 | 8/22/2024 10:08:57 | 0.1 | 0.7 | 0.1 |
| 005 | 8/22/2024 10:23:57 | 0.1 | 0.7 | 0.0 |
| 006 | 8/22/2024 10:38:57 | 0.2 | 1.0 | 0.1 |
| 007 | 8/22/2024 10:53:57 | 0.3 | 1.5 | 0.3 |
| 008 | 8/22/2024 11:08:57 | 0.3 | 2.1 | 0.3 |
| 009 | 8/22/2024 11:23:57 | 0.2 | 0.9 | 0.1 |
| 010 | 8/22/2024 11:38:57 | 0.2 | 1.0 | 0.1 |
| 011 | 8/22/2024 11:53:57 | 0.2 | 0.9 | 0.2 |
| 012 | 8/22/2024 12:08:57 | 0.3 | 0.9 | 0.3 |
| Peak | | 0.3 | 2.1 | 0.3 |
| Min | | 0.1 | 0.7 | 0.0 |
| Average | | 0.2 | 1.0 | 0.1 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 8/22/2024 09:23:57 | 0.0 | 0.0 |
| 002 | 8/22/2024 09:38:57 | 0.0 | 0.0 |

```
003     8/22/2024 09:53:57      0.0     0.0
004     8/22/2024 10:08:57      0.0     0.1
005     8/22/2024 10:23:57      0.0     0.1
006     8/22/2024 10:38:57      0.0     0.1
007     8/22/2024 10:53:57      0.0     0.4
008     8/22/2024 11:08:57      0.0     0.6
009     8/22/2024 11:23:57      0.0     0.4
010     8/22/2024 11:38:57      0.0     0.2
011     8/22/2024 11:53:57      0.0     0.3
012     8/22/2024 12:08:57      0.0     0.5
============================================================
24/08/23 08:09
************************************************************
Summary
------------------------------------------------------------
Unit Name       MiniRAE 3000(PGM-7320)
Unit SN 592-920873
Unit Firmware Ver       V2.22
------------------------------------------------------------
Running Mode    Hygiene Mode
Datalog Mode    Auto
Diagnostic Mode No
Stop Reason     Battery Low
------------------------------------------------------------
Site ID 12345678
User ID 12345678
------------------------------------------------------------
Begin   8/23/2024 08:09:10
End     8/23/2024 09:48:14
Sample Period(s)        900
Number of Records       6
------------------------------------------------------------
Sensor  PID(ppm)
Sensor SN       S023030625A9
Measure Type    Avg; Max; Real
Span    100.0
Span 2  1000.0
Low Alarm       50.0
High Alarm      100.0
Over Alarm      15000.0
STEL Alarm      100.0
TWA Alarm       50.0
Measurement Gas Isobutylene
Calibration Time        7/12/2024 09:12
Peak    0.0
Min     0.0
Average 0.0

************************************************************
Datalog
```

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 8/23/2024 08:24:10 | 0.0 | 0.0 | 0.0 |
| 002 | 8/23/2024 08:39:10 | 0.0 | 0.2 | 0.0 |
| 003 | 8/23/2024 08:54:10 | 0.0 | 0.3 | 0.0 |
| 004 | 8/23/2024 09:09:10 | 0.0 | 0.0 | 0.0 |
| 005 | 8/23/2024 09:24:10 | 0.0 | 0.0 | 0.0 |
| 006 | 8/23/2024 09:39:10 | 0.0 | 0.0 | 0.0 |
| Peak | | 0.0 | 0.3 | 0.0 |
| Min | | 0.0 | 0.0 | 0.0 |
| Average | | 0.0 | 0.1 | 0.0 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 8/23/2024 08:24:10 | 0.0 | 0.0 |
| 002 | 8/23/2024 08:39:10 | 0.0 | 0.0 |
| 003 | 8/23/2024 08:54:10 | 0.0 | 0.0 |
| 004 | 8/23/2024 09:09:10 | 0.0 | 0.0 |
| 005 | 8/23/2024 09:24:10 | 0.0 | 0.0 |
| 006 | 8/23/2024 09:39:10 | 0.0 | 0.0 |

TrakPro Version 4.70 ASCII Data File

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 020 |
| Test Abbreviation: | MANUAL_020 |
| Start Date: | 8/26/2024 |
| Start Time: | 8:47:02 |
| Duration (dd:hh:mm:ss): | 0:06:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 26 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.078 |
| | Minimum: | 0.042 |
| | Time of Minimum: | 9:17:02 |
| | Date of Minimum: | 8/26/2024 |
| | Maximum: | 0.731 |
| | Time of Maximum: | 15:17:02 |
| | Date of Maximum: | 8/26/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/26/2024 | 9:02:02 | 0.048 |
| 8/26/2024 | 9:17:02 | 0.042 |
| 8/26/2024 | 9:32:02 | 0.043 |
| 8/26/2024 | 9:47:02 | 0.045 |
| 8/26/2024 | 10:02:02 | 0.046 |
| 8/26/2024 | 10:17:02 | 0.047 |
| 8/26/2024 | 10:32:02 | 0.065 |
| 8/26/2024 | 10:47:02 | 0.049 |
| 8/26/2024 | 11:02:02 | 0.056 |
| 8/26/2024 | 11:17:02 | 0.054 |
| 8/26/2024 | 11:32:02 | 0.053 |
| 8/26/2024 | 11:47:02 | 0.052 |
| 8/26/2024 | 12:02:02 | 0.051 |
| 8/26/2024 | 12:17:02 | 0.051 |
| 8/26/2024 | 12:32:02 | 0.05 |

| | | |
|---|---|---|
| 8/26/2024 | 12:47:02 | 0.051 |
| 8/26/2024 | 13:02:02 | 0.051 |
| 8/26/2024 | 13:17:02 | 0.052 |
| 8/26/2024 | 13:32:02 | 0.058 |
| 8/26/2024 | 13:47:02 | 0.066 |
| 8/26/2024 | 14:02:02 | 0.055 |
| 8/26/2024 | 14:17:02 | 0.067 |
| 8/26/2024 | 14:32:02 | 0.056 |
| 8/26/2024 | 14:47:02 | 0.049 |
| 8/26/2024 | 15:02:02 | 0.049 |
| 8/26/2024 | 15:17:02 | 0.731 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 021 |
| Test Abbreviation: | MANUAL_021 |
| Start Date: | 8/27/2024 |
| Start Time: | 10:16:40 |
| Duration (dd:hh:mm:ss): | 0:03:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 14 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.055 |
| | Minimum: | 0.036 |
| | Time of Minimum: | 10:46:40 |
| | Date of Minimum: | 8/27/2024 |
| | Maximum: | 0.111 |
| | Time of Maximum: | 13:16:40 |
| | Date of Maximum: | 8/27/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/27/2024 | 10:31:40 | 0.048 |
| 8/27/2024 | 10:46:40 | 0.036 |
| 8/27/2024 | 11:01:40 | 0.037 |
| 8/27/2024 | 11:16:40 | 0.038 |
| 8/27/2024 | 11:31:40 | 0.037 |

| | | |
|---|---|---|
| 8/27/2024 | 11:46:40 | 0.04 |
| 8/27/2024 | 12:01:40 | 0.065 |
| 8/27/2024 | 12:16:40 | 0.047 |
| 8/27/2024 | 12:31:40 | 0.049 |
| 8/27/2024 | 12:46:40 | 0.047 |
| 8/27/2024 | 13:01:40 | 0.068 |
| 8/27/2024 | 13:16:40 | 0.111 |
| 8/27/2024 | 13:31:40 | 0.088 |
| 8/27/2024 | 13:46:40 | 0.058 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 022 |
| Test Abbreviation: | MANUAL_022 |
| Start Date: | 8/28/2024 |
| Start Time: | 7:59:42 |
| Duration (dd:hh:mm:ss): | 0:05:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 22 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.021 |
| | Minimum: | 0.013 |
| | Time of Minimum: | 8:59:42 |
| | Date of Minimum: | 8/28/2024 |
| | Maximum: | 0.043 |
| | Time of Maximum: | 12:59:42 |
| | Date of Maximum: | 8/28/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/28/2024 | 8:14:42 | 0.017 |
| 8/28/2024 | 8:29:42 | 0.016 |
| 8/28/2024 | 8:44:42 | 0.014 |
| 8/28/2024 | 8:59:42 | 0.013 |
| 8/28/2024 | 9:14:42 | 0.014 |
| 8/28/2024 | 9:29:42 | 0.014 |
| 8/28/2024 | 9:44:42 | 0.018 |

| | | |
|---|---|---|
| 8/28/2024 | 9:59:42 | 0.017 |
| 8/28/2024 | 10:14:42 | 0.021 |
| 8/28/2024 | 10:29:42 | 0.019 |
| 8/28/2024 | 10:44:42 | 0.019 |
| 8/28/2024 | 10:59:42 | 0.02 |
| 8/28/2024 | 11:14:42 | 0.021 |
| 8/28/2024 | 11:29:42 | 0.023 |
| 8/28/2024 | 11:44:42 | 0.024 |
| 8/28/2024 | 11:59:42 | 0.025 |
| 8/28/2024 | 12:14:42 | 0.022 |
| 8/28/2024 | 12:29:42 | 0.023 |
| 8/28/2024 | 12:44:42 | 0.024 |
| 8/28/2024 | 12:59:42 | 0.043 |
| 8/28/2024 | 13:14:42 | 0.026 |
| 8/28/2024 | 13:29:42 | 0.03 |

TrakPro Version 4.70 ASCII Data File

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 022 |
| Test Abbreviation: | MANUAL_022 |
| Start Date: | 8/26/2024 |
| Start Time: | 7:51:31 |
| Duration (dd:hh:mm:ss): | 0:07:15:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 29 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.043 |
| | Minimum: | 0.026 |
| | Time of Minimum: | 15:06:31 |
| | Date of Minimum: | 8/26/2024 |
| | Maximum: | 0.071 |
| | Time of Maximum: | 8:06:31 |
| | Date of Maximum: | 8/26/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/26/2024 | 8:06:31 | 0.071 |
| 8/26/2024 | 8:21:31 | 0.061 |
| 8/26/2024 | 8:36:31 | 0.058 |
| 8/26/2024 | 8:51:31 | 0.054 |
| 8/26/2024 | 9:06:31 | 0.049 |
| 8/26/2024 | 9:21:31 | 0.059 |
| 8/26/2024 | 9:36:31 | 0.055 |
| 8/26/2024 | 9:51:31 | 0.046 |
| 8/26/2024 | 10:06:31 | 0.043 |
| 8/26/2024 | 10:21:31 | 0.063 |
| 8/26/2024 | 10:36:31 | 0.045 |
| 8/26/2024 | 10:51:31 | 0.037 |
| 8/26/2024 | 11:06:31 | 0.038 |
| 8/26/2024 | 11:21:31 | 0.035 |
| 8/26/2024 | 11:36:31 | 0.037 |

| | | |
|---|---|---|
| 8/26/2024 | 11:51:31 | 0.054 |
| 8/26/2024 | 12:06:31 | 0.036 |
| 8/26/2024 | 12:21:31 | 0.036 |
| 8/26/2024 | 12:36:31 | 0.033 |
| 8/26/2024 | 12:51:31 | 0.037 |
| 8/26/2024 | 13:06:31 | 0.044 |
| 8/26/2024 | 13:21:31 | 0.035 |
| 8/26/2024 | 13:36:31 | 0.034 |
| 8/26/2024 | 13:51:31 | 0.034 |
| 8/26/2024 | 14:06:31 | 0.045 |
| 8/26/2024 | 14:21:31 | 0.031 |
| 8/26/2024 | 14:36:31 | 0.029 |
| 8/26/2024 | 14:51:31 | 0.036 |
| 8/26/2024 | 15:06:31 | 0.026 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 023 |
| Test Abbreviation: | MANUAL_023 |
| Start Date: | 8/27/2024 |
| Start Time: | 4:51:20 |
| Duration (dd:hh:mm:ss): | 0:02:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 11 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.044 |
| | Minimum: | 0.041 |
| | Time of Minimum: | 5:51:20 |
| | Date of Minimum: | 8/27/2024 |
| | Maximum: | 0.054 |
| | Time of Maximum: | 6:21:20 |
| | Date of Maximum: | 8/27/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/27/2024 | 5:06:20 | 0.042 |
| 8/27/2024 | 5:21:20 | 0.042 |

| | | |
|---|---|---|
| 8/27/2024 | 5:36:20 | 0.042 |
| 8/27/2024 | 5:51:20 | 0.041 |
| 8/27/2024 | 6:06:20 | 0.043 |
| 8/27/2024 | 6:21:20 | 0.054 |
| 8/27/2024 | 6:36:20 | 0.044 |
| 8/27/2024 | 6:51:20 | 0.044 |
| 8/27/2024 | 7:06:20 | 0.043 |
| 8/27/2024 | 7:21:20 | 0.042 |
| 8/27/2024 | 7:36:20 | 0.042 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 024 |
| Test Abbreviation: | MANUAL_024 |
| Start Date: | 8/27/2024 |
| Start Time: | 10:08:34 |
| Duration (dd:hh:mm:ss): | 0:03:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 14 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.046 |
| | Minimum: | 0.031 |
| | Time of Minimum: | 11:23:34 |
| | Date of Minimum: | 8/27/2024 |
| | Maximum: | 0.113 |
| | Time of Maximum: | 11:08:34 |
| | Date of Maximum: | 8/27/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/27/2024 | 10:23:34 | 0.047 |
| 8/27/2024 | 10:38:34 | 0.045 |
| 8/27/2024 | 10:53:34 | 0.04 |
| 8/27/2024 | 11:08:34 | 0.113 |
| 8/27/2024 | 11:23:34 | 0.031 |
| 8/27/2024 | 11:38:34 | 0.035 |
| 8/27/2024 | 11:53:34 | 0.033 |

| | | |
|---|---|---|
| 8/27/2024 | 12:08:34 | 0.034 |
| 8/27/2024 | 12:23:34 | 0.04 |
| 8/27/2024 | 12:38:34 | 0.043 |
| 8/27/2024 | 12:53:34 | 0.038 |
| 8/27/2024 | 13:08:34 | 0.039 |
| 8/27/2024 | 13:23:34 | 0.04 |
| 8/27/2024 | 13:38:34 | 0.059 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 025 |
| Test Abbreviation: | MANUAL_025 |
| Start Date: | 8/28/2024 |
| Start Time: | 8:05:13 |
| Duration (dd:hh:mm:ss): | 0:05:15:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 21 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.01 |
| | Minimum: | 0.006 |
| | Time of Minimum: | 9:35:13 |
| | Date of Minimum: | 8/28/2024 |
| | Maximum: | 0.028 |
| | Time of Maximum: | 8:20:13 |
| | Date of Maximum: | 8/28/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/28/2024 | 8:20:13 | 0.028 |
| 8/28/2024 | 8:35:13 | 0.014 |
| 8/28/2024 | 8:50:13 | 0.009 |
| 8/28/2024 | 9:05:13 | 0.007 |
| 8/28/2024 | 9:20:13 | 0.008 |
| 8/28/2024 | 9:35:13 | 0.006 |
| 8/28/2024 | 9:50:13 | 0.008 |
| 8/28/2024 | 10:05:13 | 0.008 |
| 8/28/2024 | 10:20:13 | 0.009 |

| | | |
|---|---|---|
| 8/28/2024 | 10:35:13 | 0.008 |
| 8/28/2024 | 10:50:13 | 0.009 |
| 8/28/2024 | 11:05:13 | 0.009 |
| 8/28/2024 | 11:20:13 | 0.01 |
| 8/28/2024 | 11:35:13 | 0.012 |
| 8/28/2024 | 11:50:13 | 0.011 |
| 8/28/2024 | 12:05:13 | 0.012 |
| 8/28/2024 | 12:20:13 | 0.009 |
| 8/28/2024 | 12:35:13 | 0.009 |
| 8/28/2024 | 12:50:13 | 0.01 |
| 8/28/2024 | 13:05:13 | 0.01 |
| 8/28/2024 | 13:20:13 | 0.012 |

24/08/26 09:09

Summary

| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |
| Site ID | 12345678 |
| User ID | 12345678 |
| Begin | 8/26/2024 9:09 |
| End | 8/26/2024 15:39 |
| Sample Period(s) | 900 |
| Number of Records | 26 |
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 0 |
| Span 2 | 0 |
| Low Alarm | 0.1 |
| High Alarm | 0.2 |
| Over Alarm | 15000 |
| STEL Alarm | 0 |
| TWA Alarm | 0 |
| Measurement Gas | Acetaldehyde |
| Calibration Time | N/A |
| Peak | 0 |
| Min | 0 |
| Average | 0 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 8/26/2024 9:24 | 0 | 0 | 0 |
| 002 | 8/26/2024 9:39 | 0 | 0 | 0 |

| | | | | |
|---|---|---|---|---|
| 003 | 8/26/2024 9:54 | 0 | 0 | 0 |
| 004 | 8/26/2024 10:09 | 0 | 0 | 0 |
| 005 | 8/26/2024 10:24 | 0 | 0 | 0 |
| 006 | 8/26/2024 10:39 | 0 | 0 | 0 |
| 007 | 8/26/2024 10:54 | 0 | 0 | 0 |
| 008 | 8/26/2024 11:09 | 0 | 0 | 0 |
| 009 | 8/26/2024 11:24 | 0 | 0 | 0 |
| 010 | 8/26/2024 11:39 | 0 | 0 | 0 |
| 011 | 8/26/2024 11:54 | 0 | 0 | 0 |
| 012 | 8/26/2024 12:09 | 0 | 0 | 0 |
| 013 | 8/26/2024 12:24 | 0 | 0 | 0 |
| 014 | 8/26/2024 12:39 | 0 | 0 | 0 |
| 015 | 8/26/2024 12:54 | 0 | 0 | 0 |
| 016 | 8/26/2024 13:09 | 0 | 0 | 0 |
| 017 | 8/26/2024 13:24 | 0 | 0 | 0 |
| 018 | 8/26/2024 13:39 | 0 | 0 | 0 |
| 019 | 8/26/2024 13:54 | 0 | 0 | 0 |
| 020 | 8/26/2024 14:09 | 0 | 0 | 0 |
| 021 | 8/26/2024 14:24 | 0 | 0 | 0 |
| 022 | 8/26/2024 14:39 | 0 | 0 | 0 |
| 023 | 8/26/2024 14:54 | 0 | 0 | 0 |
| 024 | 8/26/2024 15:09 | 0 | 0 | 0 |
| 025 | 8/26/2024 15:24 | 0 | 0 | 0 |
| 026 | 8/26/2024 15:39 | 0 | 0 | 0 |
| Peak | | 0 | 0 | 0 |
| Min | | 0 | 0 | 0 |
| Average | | 0 | 0 | 0 |

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TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 8/26/2024 9:24 | 0 | 0 |
| 002 | 8/26/2024 9:39 | 0 | 0 |
| 003 | 8/26/2024 9:54 | 0 | 0 |
| 004 | 8/26/2024 10:09 | 0 | 0 |
| 005 | 8/26/2024 10:24 | 0 | 0 |
| 006 | 8/26/2024 10:39 | 0 | 0 |
| 007 | 8/26/2024 10:54 | 0 | 0 |
| 008 | 8/26/2024 11:09 | 0 | 0 |
| 009 | 8/26/2024 11:24 | 0 | 0 |
| 010 | 8/26/2024 11:39 | 0 | 0 |
| 011 | 8/26/2024 11:54 | 0 | 0 |
| 012 | 8/26/2024 12:09 | 0 | 0 |

| | | | |
|---|---|---|---|
| 013 | 8/26/2024 12:24 | 0 | 0 |
| 014 | 8/26/2024 12:39 | 0 | 0 |
| 015 | 8/26/2024 12:54 | 0 | 0 |
| 016 | 8/26/2024 13:09 | 0 | 0 |
| 017 | 8/26/2024 13:24 | 0 | 0 |
| 018 | 8/26/2024 13:39 | 0 | 0 |
| 019 | 8/26/2024 13:54 | 0 | 0 |
| 020 | 8/26/2024 14:09 | 0 | 0 |
| 021 | 8/26/2024 14:24 | 0 | 0 |
| 022 | 8/26/2024 14:39 | 0 | 0 |
| 023 | 8/26/2024 14:54 | 0 | 0 |
| 024 | 8/26/2024 15:09 | 0 | 0 |
| 025 | 8/26/2024 15:24 | 0 | 0 |
| 026 | 8/26/2024 15:39 | 0 | 0 |

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24/08/27 10:33

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Pause in Menu Mode |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 8/27/2024 10:33 |
| End | 8/27/2024 13:15 |
| Sample Period(s) | 900 |
| Number of Records | 10 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 0 |
| Span 2 | 0 |
| Low Alarm | 0.1 |
| High Alarm | 0.2 |
| Over Alarm | 15000 |

| | | |
|---|---|---|
| STEL Alarm | | 0 |
| TWA Alarm | | 0 |
| Measurement Gas | Acetaldehyde | |
| Calibration Time | N/A | |
| Peak | | 0 |
| Min | | 0 |
| Average | | 0 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 8/27/2024 10:48 | 283.3 | 14999.9 | 0 |
| 002 | 8/27/2024 11:03 | 0 | 0 | 0 |
| 003 | 8/27/2024 11:18 | 0 | 0 | 0 |
| 004 | 8/27/2024 11:33 | 0 | 0 | 0 |
| 005 | 8/27/2024 11:48 | 0 | 0 | 0 |
| 006 | 8/27/2024 12:03 | 0 | 0 | 0 |
| 007 | 8/27/2024 12:18 | 0 | 0 | 0 |
| 008 | 8/27/2024 12:33 | 0 | 0 | 0 |
| 009 | 8/27/2024 12:48 | 0 | 0 | 0 |
| 010 | 8/27/2024 13:03 | 0 | 0 | 0 |
| Peak | | 283.3 | 14999.9 | 0 |
| Min | | 0 | 0 | 0 |
| Average | | 28.3 | 1500 | 0 |

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TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 8/27/2024 10:48 | 0 | 0 |
| 002 | 8/27/2024 11:03 | 0 | 0 |
| 003 | 8/27/2024 11:18 | 0 | 0 |
| 004 | 8/27/2024 11:33 | 0 | 0 |
| 005 | 8/27/2024 11:48 | 0 | 0 |
| 006 | 8/27/2024 12:03 | 0 | 0 |
| 007 | 8/27/2024 12:18 | 0 | 0 |
| 008 | 8/27/2024 12:33 | 0 | 0 |
| 009 | 8/27/2024 12:48 | 0 | 0 |
| 010 | 8/27/2024 13:03 | 0 | 0 |

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24/08/27 13:21

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 8/27/2024 13:21 |
| End | 8/27/2024 14:11 |
| Sample Period(s) | 900 |
| Number of Records | 3 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 0 |
| Span 2 | 0 |
| Low Alarm | 0.1 |
| High Alarm | 0.2 |
| Over Alarm | 15000 |
| STEL Alarm | 0 |
| TWA Alarm | 0 |
| Measurement Gas | Acetaldehyde |
| Calibration Time | N/A |
| Peak | 14999.9 |
| Min | 0 |
| Average | 9999.9 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 8/27/2024 13:36 | 13349.9 | 14999.9 | 14999.9 |
| 002 | 8/27/2024 13:51 | 14983.2 | 14999.9 | 14999.9 |
| 003 | 8/27/2024 14:06 | 4866.6 | 14999.9 | 0 |
| Peak | | 14983.2 | 14999.9 | 14999.9 |
| Min | | 4866.6 | 14999.9 | 0 |
| Average | | 11066.6 | 14999.9 | 9999.9 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 8/27/2024 13:36 | 468.7 | 14999.9 |
| 002 | 8/27/2024 13:51 | 937.5 | 29999.8 |
| 003 | 8/27/2024 14:06 | 937.5 | 14999.9 |

24/08/28 08:14

Summary

| | |
|---|---|
| Unit Name | MiniRAE 3000 +(PGM-7320) |
| Unit SN | 592-927537 |
| Unit Firmware Ver | V2.22 |
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |
| Site ID | 12345678 |
| User ID | 12345678 |
| Begin | 8/28/2024 8:14 |
| End | 8/28/2024 12:22 |
| Sample Period(s) | 900 |
| Number of Records | 16 |
| Sensor | PID(ppm) |
| Sensor SN | S023030449W3 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:09 |
| Peak | 2.3 |
| Min | 0 |
| Average | 0.5 |

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Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 1 | 8/28/2024 8:29 | 0 | 0 | 0 |
| 2 | 8/28/2024 8:44 | 0 | 1.6 | 0 |

| | | | | | |
|---|---|---|---|---|---|
| | 3 | 8/28/2024 8:59 | 0.1 | 2 | 0 |
| | 4 | 8/28/2024 9:14 | 0 | 0 | 0 |
| | 5 | 8/28/2024 9:29 | 0.1 | 1.2 | 0 |
| | 6 | 8/28/2024 9:44 | 0 | 1.1 | 0.1 |
| | 7 | 8/28/2024 9:59 | 1.2 | 4.2 | 0.3 |
| | 8 | 8/28/2024 10:14 | 0.3 | 1.7 | 0.1 |
| | 9 | 8/28/2024 10:29 | 1.3 | 3.8 | 1.8 |
| | 10 | 8/28/2024 10:44 | 0.9 | 2.7 | 0.5 |
| | 11 | 8/28/2024 10:59 | 0.9 | 2.3 | 2.3 |
| | 12 | 8/28/2024 11:14 | 1.4 | 4.7 | 0.9 |
| | 13 | 8/28/2024 11:29 | 0.9 | 3.1 | 0.4 |
| | 14 | 8/28/2024 11:44 | 0.7 | 2.8 | 1 |
| | 15 | 8/28/2024 11:59 | 0.7 | 2.4 | 0.3 |
| | 16 | 8/28/2024 12:14 | 0.7 | 2.1 | 0.4 |
| Peak | | | 1.4 | 4.7 | 2.3 |
| Min | | | 0 | 0 | 0 |
| Average | | | 0.6 | 2.2 | 0.5 |

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TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 1 | 8/28/2024 8:29 | 0 | 0 |
| 2 | 8/28/2024 8:44 | 0 | 0 |
| 3 | 8/28/2024 8:59 | 0 | 0 |
| 4 | 8/28/2024 9:14 | 0 | 0 |
| 5 | 8/28/2024 9:29 | 0 | 0 |
| 6 | 8/28/2024 9:44 | 0 | 0.1 |
| 7 | 8/28/2024 9:59 | 0 | 0.4 |
| 8 | 8/28/2024 10:14 | 0 | 0.4 |
| 9 | 8/28/2024 10:29 | 0.1 | 1.9 |
| 10 | 8/28/2024 10:44 | 0.1 | 2.3 |
| 11 | 8/28/2024 10:59 | 0.2 | 2.8 |
| 12 | 8/28/2024 11:14 | 0.2 | 3.2 |
| 13 | 8/28/2024 11:29 | 0.2 | 1.3 |
| 14 | 8/28/2024 11:44 | 0.2 | 1.4 |
| 15 | 8/28/2024 11:59 | 0.2 | 1.3 |
| 16 | 8/28/2024 12:14 | 0.3 | 0.7 |

**Bisonite Paint Co,**
**CAMP Data: DustTrak II - DOWNWIND**
**September 3 - 6, 2024**

TrakPro Version 4.70 ASCII Data File

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 23 |
| Test Abbreviation: | MANUAL_023 |
| Start Date: | 9/3/2024 |
| Start Time: | 7:38:34 |
| Duration (dd:hh:mm:ss): | 0:07:00:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 28 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.034 |
| | Minimum: | 0.018 |
| | Time of Minimum: | 10:08:34 |
| | Date of Minimum: | 9/3/2024 |
| | Maximum: | 0.08 |
| | Time of Maximum: | 14:38:34 |
| | Date of Maximum: | 9/3/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/3/2024 | 7:53:34 | 0.034 |
| 9/3/2024 | 8:08:34 | 0.033 |
| 9/3/2024 | 8:23:34 | 0.032 |
| 9/3/2024 | 8:38:34 | 0.035 |
| 9/3/2024 | 8:53:34 | 0.029 |
| 9/3/2024 | 9:08:34 | 0.027 |
| 9/3/2024 | 9:23:34 | 0.031 |
| 9/3/2024 | 9:38:34 | 0.033 |
| 9/3/2024 | 9:53:34 | 0.028 |
| 9/3/2024 | 10:08:34 | 0.018 |
| 9/3/2024 | 10:23:34 | 0.077 |
| 9/3/2024 | 10:38:34 | 0.019 |
| 9/3/2024 | 10:53:34 | 0.031 |
| 9/3/2024 | 11:08:34 | 0.043 |
| 9/3/2024 | 11:23:34 | 0.021 |

| | | |
|---|---|---|
| 9/3/2024 | 11:38:34 | 0.021 |
| 9/3/2024 | 11:53:34 | 0.019 |
| 9/3/2024 | 12:08:34 | 0.048 |
| 9/3/2024 | 12:23:34 | 0.033 |
| 9/3/2024 | 12:38:34 | 0.024 |
| 9/3/2024 | 12:53:34 | 0.022 |
| 9/3/2024 | 13:08:34 | 0.02 |
| 9/3/2024 | 13:23:34 | 0.021 |
| 9/3/2024 | 13:38:34 | 0.048 |
| 9/3/2024 | 13:53:34 | 0.021 |
| 9/3/2024 | 14:08:34 | 0.06 |
| 9/3/2024 | 14:23:34 | 0.033 |
| 9/3/2024 | 14:38:34 | 0.08 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 24 |
| Test Abbreviation: | MANUAL_024 |
| Start Date: | 9/4/2024 |
| Start Time: | 8:02:47 |
| Duration (dd:hh:mm:ss): | 0:06:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 26 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.018 |
| | Minimum: | 0.011 |
| | Time of Minimum: | 10:02:47 |
| | Date of Minimum: | 9/4/2024 |
| | Maximum: | 0.082 |
| | Time of Maximum: | 13:47:47 |
| | Date of Maximum: | 9/4/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/4/2024 | 8:17:47 | 0.021 |
| 9/4/2024 | 8:32:47 | 0.02 |
| 9/4/2024 | 8:47:47 | 0.018 |

| | | |
|---|---|---|
| 9/4/2024 | 9:02:47 | 0.018 |
| 9/4/2024 | 9:17:47 | 0.017 |
| 9/4/2024 | 9:32:47 | 0.019 |
| 9/4/2024 | 9:47:47 | 0.018 |
| 9/4/2024 | 10:02:47 | 0.011 |
| 9/4/2024 | 10:17:47 | 0.011 |
| 9/4/2024 | 10:32:47 | 0.012 |
| 9/4/2024 | 10:47:47 | 0.012 |
| 9/4/2024 | 11:02:47 | 0.014 |
| 9/4/2024 | 11:17:47 | 0.012 |
| 9/4/2024 | 11:32:47 | 0.013 |
| 9/4/2024 | 11:47:47 | 0.013 |
| 9/4/2024 | 12:02:47 | 0.013 |
| 9/4/2024 | 12:17:47 | 0.017 |
| 9/4/2024 | 12:32:47 | 0.016 |
| 9/4/2024 | 12:47:47 | 0.014 |
| 9/4/2024 | 13:02:47 | 0.015 |
| 9/4/2024 | 13:17:47 | 0.014 |
| 9/4/2024 | 13:32:47 | 0.017 |
| 9/4/2024 | 13:47:47 | 0.082 |
| 9/4/2024 | 14:02:47 | 0.017 |
| 9/4/2024 | 14:17:47 | 0.023 |
| 9/4/2024 | 14:32:47 | 0.019 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 25 |
| Test Abbreviation: | MANUAL_025 |
| Start Date: | 9/5/2024 |
| Start Time: | 8:29:52 |
| Duration (dd:hh:mm:ss): | 0:06:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 26 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.02 |
| | Minimum: | 0.015 |
| | Time of Minimum: | 9:14:52 |
| | Date of Minimum: | 9/5/2024 |
| | Maximum: | 0.026 |
| | Time of Maximum: | 10:44:52 |

Date of Maximum: 9/5/2024

Calibration Sensor: AEROSOL
Cal. date 1/25/2024

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/5/2024 | 8:44:52 | 0.024 |
| 9/5/2024 | 8:59:52 | 0.017 |
| 9/5/2024 | 9:14:52 | 0.015 |
| 9/5/2024 | 9:29:52 | 0.019 |
| 9/5/2024 | 9:44:52 | 0.017 |
| 9/5/2024 | 9:59:52 | 0.017 |
| 9/5/2024 | 10:14:52 | 0.019 |
| 9/5/2024 | 10:29:52 | 0.016 |
| 9/5/2024 | 10:44:52 | 0.026 |
| 9/5/2024 | 10:59:52 | 0.015 |
| 9/5/2024 | 11:14:52 | 0.018 |
| 9/5/2024 | 11:29:52 | 0.02 |
| 9/5/2024 | 11:44:52 | 0.017 |
| 9/5/2024 | 11:59:52 | 0.021 |
| 9/5/2024 | 12:14:52 | 0.018 |
| 9/5/2024 | 12:29:52 | 0.019 |
| 9/5/2024 | 12:44:52 | 0.018 |
| 9/5/2024 | 12:59:52 | 0.026 |
| 9/5/2024 | 13:14:52 | 0.019 |
| 9/5/2024 | 13:29:52 | 0.023 |
| 9/5/2024 | 13:44:52 | 0.02 |
| 9/5/2024 | 13:59:52 | 0.02 |
| 9/5/2024 | 14:14:52 | 0.02 |
| 9/5/2024 | 14:29:52 | 0.021 |
| 9/5/2024 | 14:44:52 | 0.024 |
| 9/5/2024 | 14:59:52 | 0.022 |

Model: DustTrak II
Model Number: 8530
Serial Number: 8530182511
Test ID: 26
Test Abbreviation: MANUAL_026
Start Date: 9/6/2024
Start Time: 7:59:37
Duration (dd:hh:mm:ss): 0:06:00:00
Log Interval (mm:ss): 15:00
Number of points: 24

Notes:

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.02 |
| | Minimum: | 0.015 |
| | Time of Minimum: | 11:14:37 |
| | Date of Minimum: | 9/6/2024 |
| | Maximum: | 0.03 |
| | Time of Maximum: | 8:29:37 |
| | Date of Maximum: | 9/6/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/6/2024 | 8:14:37 | 0.018 |
| 9/6/2024 | 8:29:37 | 0.03 |
| 9/6/2024 | 8:44:37 | 0.023 |
| 9/6/2024 | 8:59:37 | 0.017 |
| 9/6/2024 | 9:14:37 | 0.019 |
| 9/6/2024 | 9:29:37 | 0.026 |
| 9/6/2024 | 9:44:37 | 0.021 |
| 9/6/2024 | 9:59:37 | 0.025 |
| 9/6/2024 | 10:14:37 | 0.022 |
| 9/6/2024 | 10:29:37 | 0.017 |
| 9/6/2024 | 10:44:37 | 0.017 |
| 9/6/2024 | 10:59:37 | 0.016 |
| 9/6/2024 | 11:14:37 | 0.015 |
| 9/6/2024 | 11:29:37 | 0.018 |
| 9/6/2024 | 11:44:37 | 0.027 |
| 9/6/2024 | 11:59:37 | 0.016 |
| 9/6/2024 | 12:14:37 | 0.016 |
| 9/6/2024 | 12:29:37 | 0.018 |
| 9/6/2024 | 12:44:37 | 0.024 |
| 9/6/2024 | 12:59:37 | 0.023 |
| 9/6/2024 | 13:14:37 | 0.017 |
| 9/6/2024 | 13:29:37 | 0.018 |
| 9/6/2024 | 13:44:37 | 0.022 |
| 9/6/2024 | 13:59:37 | 0.025 |

**Bisonite Paint Co,**
**CAMP Data: DustTrak II – Upwind**
**September 3 – 6, 2024**

TrakPro Version 4.70 ASCII Data File

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 026 |
| Test Abbreviation: | MANUAL_026 |
| Start Date: | 9/3/2024 |
| Start Time: | 7:41:18 |
| Duration (dd:hh:mm:ss): | 0:06:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 27 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.013 |
| | Minimum: | 0.001 |
| | Time of Minimum: | 14:11:18 |
| | Date of Minimum: | 9/3/2024 |
| | Maximum: | 0.045 |
| | Time of Maximum: | 7:56:18 |
| | Date of Maximum: | 9/3/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/3/2024 | 7:56:18 | 0.045 |
| 9/3/2024 | 8:11:18 | 0.04 |
| 9/3/2024 | 8:26:18 | 0.035 |
| 9/3/2024 | 8:41:18 | 0.03 |
| 9/3/2024 | 8:56:18 | 0.027 |
| 9/3/2024 | 9:11:18 | 0.024 |
| 9/3/2024 | 9:26:18 | 0.017 |
| 9/3/2024 | 9:41:18 | 0.013 |
| 9/3/2024 | 9:56:18 | 0.01 |
| 9/3/2024 | 10:11:18 | 0.01 |
| 9/3/2024 | 10:26:18 | 0.014 |
| 9/3/2024 | 10:41:18 | 0.006 |
| 9/3/2024 | 10:56:18 | 0.005 |
| 9/3/2024 | 11:11:18 | 0.005 |

| | | |
|---|---|---|
| 9/3/2024 | 11:26:18 | 0.004 |
| 9/3/2024 | 11:41:18 | 0.003 |
| 9/3/2024 | 11:56:18 | 0.005 |
| 9/3/2024 | 12:11:18 | 0.004 |
| 9/3/2024 | 12:26:18 | 0.013 |
| 9/3/2024 | 12:41:18 | 0.004 |
| 9/3/2024 | 12:56:18 | 0.003 |
| 9/3/2024 | 13:11:18 | 0.008 |
| 9/3/2024 | 13:26:18 | 0.01 |
| 9/3/2024 | 13:41:18 | 0.002 |
| 9/3/2024 | 13:56:18 | 0.002 |
| 9/3/2024 | 14:11:18 | 0.001 |
| 9/3/2024 | 14:26:18 | 0.001 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 027 |
| Test Abbreviation: | MANUAL_027 |
| Start Date: | 9/4/2024 |
| Start Time: | 8:10:53 |
| Duration (dd:hh:mm:ss): | 0:06:15:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 25 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.014 |
| | Minimum: | 0.001 |
| | Time of Minimum: | 11:25:53 |
| | Date of Minimum: | 9/4/2024 |
| | Maximum: | 0.072 |
| | Time of Maximum: | 14:10:53 |
| | Date of Maximum: | 9/4/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/4/2024 | 8:25:53 | 0.026 |
| 9/4/2024 | 8:40:53 | 0.027 |
| 9/4/2024 | 8:55:53 | 0.019 |
| 9/4/2024 | 9:10:53 | 0.014 |

| | | |
|---|---|---|
| 9/4/2024 | 9:25:53 | 0.01 |
| 9/4/2024 | 9:40:53 | 0.022 |
| 9/4/2024 | 9:55:53 | 0.007 |
| 9/4/2024 | 10:10:53 | 0.01 |
| 9/4/2024 | 10:25:53 | 0.006 |
| 9/4/2024 | 10:40:53 | 0.009 |
| 9/4/2024 | 10:55:53 | 0.013 |
| 9/4/2024 | 11:10:53 | 0.006 |
| 9/4/2024 | 11:25:53 | 0.001 |
| 9/4/2024 | 11:40:53 | 0.004 |
| 9/4/2024 | 11:55:53 | 0.006 |
| 9/4/2024 | 12:10:53 | 0.002 |
| 9/4/2024 | 12:25:53 | 0.011 |
| 9/4/2024 | 12:40:53 | 0.004 |
| 9/4/2024 | 12:55:53 | 0.018 |
| 9/4/2024 | 13:10:53 | 0.009 |
| 9/4/2024 | 13:25:53 | 0.002 |
| 9/4/2024 | 13:40:53 | 0.002 |
| 9/4/2024 | 13:55:53 | 0.009 |
| 9/4/2024 | 14:10:53 | 0.072 |
| 9/4/2024 | 14:25:53 | 0.036 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 028 |
| Test Abbreviation: | MANUAL_028 |
| Start Date: | 9/5/2024 |
| Start Time: | 7:46:04 |
| Duration (dd:hh:mm:ss): | 0:07:15:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 29 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.029 |
| | Minimum: | 0.005 |
| | Time of Minimum: | 10:16:04 |
| | Date of Minimum: | 9/5/2024 |
| | Maximum: | 0.135 |
| | Time of Maximum: | 15:01:04 |
| | Date of Maximum: | 9/5/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/5/2024 | 8:01:04 | 0.015 |
| 9/5/2024 | 8:16:04 | 0.016 |
| 9/5/2024 | 8:31:04 | 0.017 |
| 9/5/2024 | 8:46:04 | 0.023 |
| 9/5/2024 | 9:01:04 | 0.044 |
| 9/5/2024 | 9:16:04 | 0.016 |
| 9/5/2024 | 9:31:04 | 0.024 |
| 9/5/2024 | 9:46:04 | 0.067 |
| 9/5/2024 | 10:01:04 | 0.011 |
| 9/5/2024 | 10:16:04 | 0.005 |
| 9/5/2024 | 10:31:04 | 0.016 |
| 9/5/2024 | 10:46:04 | 0.074 |
| 9/5/2024 | 11:01:04 | 0.032 |
| 9/5/2024 | 11:16:04 | 0.014 |
| 9/5/2024 | 11:31:04 | 0.005 |
| 9/5/2024 | 11:46:04 | 0.005 |
| 9/5/2024 | 12:01:04 | 0.01 |
| 9/5/2024 | 12:16:04 | 0.015 |
| 9/5/2024 | 12:31:04 | 0.006 |
| 9/5/2024 | 12:46:04 | 0.005 |
| 9/5/2024 | 13:01:04 | 0.024 |
| 9/5/2024 | 13:16:04 | 0.047 |
| 9/5/2024 | 13:31:04 | 0.027 |
| 9/5/2024 | 13:46:04 | 0.01 |
| 9/5/2024 | 14:01:04 | 0.022 |
| 9/5/2024 | 14:16:04 | 0.043 |
| 9/5/2024 | 14:31:04 | 0.028 |
| 9/5/2024 | 14:46:04 | 0.083 |
| 9/5/2024 | 15:01:04 | 0.135 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 029 |
| Test Abbreviation: | MANUAL_029 |
| Start Date: | 9/6/2024 |
| Start Time: | 7:57:20 |
| Duration (dd:hh:mm:ss): | 0:06:00:00 |
| Log Interval (mm:ss): | 15:00 |

Number of points: 24
Notes:

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.017 |
| | Minimum: | 0.005 |
| | Time of Minimum: | 12:12:20 |
| | Date of Minimum: | 9/6/2024 |
| | Maximum: | 0.041 |
| | Time of Maximum: | 9:27:20 |
| | Date of Maximum: | 9/6/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/6/2024 | 8:12:20 | 0.02 |
| 9/6/2024 | 8:27:20 | 0.022 |
| 9/6/2024 | 8:42:20 | 0.036 |
| 9/6/2024 | 8:57:20 | 0.021 |
| 9/6/2024 | 9:12:20 | 0.011 |
| 9/6/2024 | 9:27:20 | 0.041 |
| 9/6/2024 | 9:42:20 | 0.035 |
| 9/6/2024 | 9:57:20 | 0.023 |
| 9/6/2024 | 10:12:20 | 0.008 |
| 9/6/2024 | 10:27:20 | 0.024 |
| 9/6/2024 | 10:42:20 | 0.009 |
| 9/6/2024 | 10:57:20 | 0.006 |
| 9/6/2024 | 11:12:20 | 0.006 |
| 9/6/2024 | 11:27:20 | 0.034 |
| 9/6/2024 | 11:42:20 | 0.023 |
| 9/6/2024 | 11:57:20 | 0.006 |
| 9/6/2024 | 12:12:20 | 0.005 |
| 9/6/2024 | 12:27:20 | 0.012 |
| 9/6/2024 | 12:42:20 | 0.008 |
| 9/6/2024 | 12:57:20 | 0.012 |
| 9/6/2024 | 13:12:20 | 0.008 |
| 9/6/2024 | 13:27:20 | 0.009 |
| 9/6/2024 | 13:42:20 | 0.011 |
| 9/6/2024 | 13:57:20 | 0.014 |

**Bisonite Paint Co,**
**CAMP Data: PID – DOWN WIND**
**September 3 – 6, 2024**

24/09/03 07:51

Summary

| | |
|---|---|
| Unit Name | MiniRAE 3000 +(PGM-7320) |
| Unit SN | 592-927537 |
| Unit Firmware Ver | V2.22 |
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |
| Site ID | 12345678 |
| User ID | 12345678 |
| Begin | 9/3/2024 7:51 |
| End | 9/3/2024 10:57 |
| Sample Period(s) | 900 |
| Number of Records | 12 |
| Sensor | PID(ppm) |
| Sensor SN | S023030449W3 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:09 |
| Peak | 1.5 |
| Min | 0.1 |
| Average | 0.7 |

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Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 1 | 9/3/2024 8:06 | 0.1 | 0.2 | 0.1 |
| 2 | 9/3/2024 8:21 | 0.1 | 0.1 | 0.1 |

| | | | | | |
|---|---|---|---|---|---|
| | 3 | 9/3/2024 8:36 | 0.1 | 0.1 | 0.1 |
| | 4 | 9/3/2024 8:51 | 0.2 | 0.4 | 0.4 |
| | 5 | 9/3/2024 9:06 | 0.5 | 1 | 0.7 |
| | 6 | 9/3/2024 9:21 | 0.7 | 0.9 | 0.8 |
| | 7 | 9/3/2024 9:36 | 0.8 | 1.5 | 1.2 |
| | 8 | 9/3/2024 9:51 | 1.4 | 2.9 | 1.5 |
| | 9 | 9/3/2024 10:06 | 1.4 | 2.1 | 1.3 |
| | 10 | 9/3/2024 10:21 | 1.4 | 2.1 | 1.1 |
| | 11 | 9/3/2024 10:36 | 1 | 1.1 | 0.8 |
| | 12 | 9/3/2024 10:51 | 0.8 | 0.9 | 0.7 |
| Peak | | | 1.4 | 2.9 | 1.5 |
| Min | | | 0.1 | 0.1 | 0.1 |
| Average | | | 0.7 | 1.1 | 0.7 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 1 | 9/3/2024 8:06 | 0 | 0.1 |
| 2 | 9/3/2024 8:21 | 0 | 0.2 |
| 3 | 9/3/2024 8:36 | 0 | 0.2 |
| 4 | 9/3/2024 8:51 | 0 | 0.5 |
| 5 | 9/3/2024 9:06 | 0 | 1.1 |
| 6 | 9/3/2024 9:21 | 0.1 | 1.5 |
| 7 | 9/3/2024 9:36 | 0.1 | 2 |
| 8 | 9/3/2024 9:51 | 0.2 | 2.7 |
| 9 | 9/3/2024 10:06 | 0.2 | 2.8 |
| 10 | 9/3/2024 10:21 | 0.2 | 2.4 |
| 11 | 9/3/2024 10:36 | 0.3 | 1.9 |
| 12 | 9/3/2024 10:51 | 0.3 | 1.5 |

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24/09/03 13:42

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000 +(PGM-7320) |
| Unit SN | 592-927537 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |

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| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 9/3/2024 13:42 |
| End | 9/3/2024 14:00 |
| Sample Period(s) | 900 |
| Number of Records | 1 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030449W3 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:09 |
| Peak | 0.9 |
| Min | 0.9 |
| Average | 0.9 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 1 | 9/3/2024 13:57 | 1.9 | 5.9 | 0.9 |
| Peak | | 1.9 | 5.9 | 0.9 |
| Min | | 1.9 | 5.9 | 0.9 |
| Average | | 1.9 | 5.9 | 0.9 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 1 | 9/3/2024 13:57 | 0 | 0.9 |

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24/09/04 08:07

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000 +(PGM-7320) |

| | |
|---|---|
| Unit SN | 592-927537 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Pause in Menu Mode |

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| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 9/4/2024 8:07 |
| End | 9/4/2024 8:07 |
| Sample Period(s) | 900 |
| Number of Records | 0 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030449W3 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:09 |

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Datalog

0 record.

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24/09/05 08:54

**********

Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000 +(PGM-7320) |
| Unit SN | 592-927537 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |

| | |
|---|---|
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |

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| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 9/5/2024 8:54 |
| End | 9/5/2024 12:36 |
| Sample Period(s) | 900 |
| Number of Records | 14 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030449W3 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:09 |
| Peak | 1 |
| Min | 0 |
| Average | 0.3 |

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Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 1 | 9/5/2024 9:09 | 0.1 | 0.9 | 0 |
| 2 | 9/5/2024 9:24 | 0.1 | 1.2 | 0 |
| 3 | 9/5/2024 9:39 | 0.2 | 1.7 | 0.1 |
| 4 | 9/5/2024 9:54 | 0.3 | 1.2 | 0.2 |
| 5 | 9/5/2024 10:09 | 0.1 | 0.3 | 0 |
| 6 | 9/5/2024 10:24 | 0.1 | 1 | 1 |
| 7 | 9/5/2024 10:39 | 0.3 | 1.7 | 0.2 |
| 8 | 9/5/2024 10:54 | 0.4 | 5.3 | 0.1 |
| 9 | 9/5/2024 11:09 | 1.6 | 12 | 0.5 |
| 10 | 9/5/2024 11:24 | 0.4 | 0.8 | 0.4 |
| 11 | 9/5/2024 11:39 | 0.5 | 3.4 | 0.3 |
| 12 | 9/5/2024 11:54 | 0.3 | 0.8 | 0.2 |

| | | | | | |
|---|---|---|---|---|---|
| | 13 | 9/5/2024 12:09 | 0.3 | 2 | 0.4 |
| | 14 | 9/5/2024 12:24 | 0.6 | 4.2 | 0.2 |
| Peak | | | 1.6 | 12 | 1 |
| Min | | | 0.1 | 0.3 | 0 |
| Average | | | 0.4 | 2.6 | 0.3 |

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TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 1 | 9/5/2024 9:09 | 0 | 0 |
| 2 | 9/5/2024 9:24 | 0 | 0 |
| 3 | 9/5/2024 9:39 | 0 | 0.1 |
| 4 | 9/5/2024 9:54 | 0 | 0.3 |
| 5 | 9/5/2024 10:09 | 0 | 0.2 |
| 6 | 9/5/2024 10:24 | 0 | 1 |
| 7 | 9/5/2024 10:39 | 0 | 1.2 |
| 8 | 9/5/2024 10:54 | 0.1 | 0.3 |
| 9 | 9/5/2024 11:09 | 0.1 | 0.6 |
| 10 | 9/5/2024 11:24 | 0.1 | 0.9 |
| 11 | 9/5/2024 11:39 | 0.1 | 0.7 |
| 12 | 9/5/2024 11:54 | 0.1 | 0.5 |
| 13 | 9/5/2024 12:09 | 0.1 | 0.6 |
| 14 | 9/5/2024 12:24 | 0.1 | 0.6 |

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24/09/05 13:01

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000 +(PGM-7320) |
| Unit SN | 592-927537 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 9/5/2024 13:01 |
| End | 9/5/2024 13:15 |
| Sample Period(s) | 900 |

| | |
|---|---|
| Number of Records | 0 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030449W3 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:09 |

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Datalog

0 record.

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24/09/06 08:12

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000 +(PGM-7320) |
| Unit SN | 592-927537 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |

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| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 9/6/2024 8:12 |
| End | 9/6/2024 11:42 |
| Sample Period(s) | 900 |
| Number of Records | 14 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030449W3 |

| | |
|---|---|
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:09 |
| Peak | 0 |
| Min | 0 |
| Average | 0 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 1 | 9/6/2024 8:27 | 0 | 0.4 | 0 |
| 2 | 9/6/2024 8:42 | 0 | 0 | 0 |
| 3 | 9/6/2024 8:57 | 0 | 0 | 0 |
| 4 | 9/6/2024 9:12 | 0 | 0 | 0 |
| 5 | 9/6/2024 9:27 | 0 | 0 | 0 |
| 6 | 9/6/2024 9:42 | 0 | 0 | 0 |
| 7 | 9/6/2024 9:57 | 0 | 0.1 | 0 |
| 8 | 9/6/2024 10:12 | 0 | 0 | 0 |
| 9 | 9/6/2024 10:27 | 0 | 0.1 | 0 |
| 10 | 9/6/2024 10:42 | 0 | 0.1 | 0 |
| 11 | 9/6/2024 10:57 | 0 | 0.1 | 0 |
| 12 | 9/6/2024 11:12 | 0 | 0 | 0 |
| 13 | 9/6/2024 11:27 | 0 | 0 | 0 |
| 14 | 9/6/2024 11:42 | 0 | 0 | 0 |
| Peak | | 0 | 0.4 | 0 |
| Min | | 0 | 0 | 0 |
| Average | | 0 | 0.1 | 0 |

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TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 1 | 9/6/2024 8:27 | 0 | 0 |
| 2 | 9/6/2024 8:42 | 0 | 0 |
| 3 | 9/6/2024 8:57 | 0 | 0 |
| 4 | 9/6/2024 9:12 | 0 | 0 |

| | | | |
|---|---|---|---|
| 5 | 9/6/2024 9:27 | 0 | 0 |
| 6 | 9/6/2024 9:42 | 0 | 0 |
| 7 | 9/6/2024 9:57 | 0 | 0 |
| 8 | 9/6/2024 10:12 | 0 | 0 |
| 9 | 9/6/2024 10:27 | 0 | 0 |
| 10 | 9/6/2024 10:42 | 0 | 0 |
| 11 | 9/6/2024 10:57 | 0 | 0 |
| 12 | 9/6/2024 11:12 | 0 | 0 |
| 13 | 9/6/2024 11:27 | 0 | 0 |
| 14 | 9/6/2024 11:42 | 0 | 0 |

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TrakPro Version 4.70 ASCII Data File

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 23 |
| Test Abbreviation: | MANUAL_023 |
| Start Date: | 9/3/2024 |
| Start Time: | 7:38:34 |
| Duration (dd:hh:mm:ss): | 0:07:00:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 28 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.034 |
| | Minimum: | 0.018 |
| | Time of Minimum: | 10:08:34 |
| | Date of Minimum: | 9/3/2024 |
| | Maximum: | 0.08 |
| | Time of Maximum: | 14:38:34 |
| | Date of Maximum: | 9/3/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/3/2024 | 7:53:34 | 0.034 |
| 9/3/2024 | 8:08:34 | 0.033 |
| 9/3/2024 | 8:23:34 | 0.032 |
| 9/3/2024 | 8:38:34 | 0.035 |
| 9/3/2024 | 8:53:34 | 0.029 |
| 9/3/2024 | 9:08:34 | 0.027 |
| 9/3/2024 | 9:23:34 | 0.031 |
| 9/3/2024 | 9:38:34 | 0.033 |
| 9/3/2024 | 9:53:34 | 0.028 |
| 9/3/2024 | 10:08:34 | 0.018 |
| 9/3/2024 | 10:23:34 | 0.077 |
| 9/3/2024 | 10:38:34 | 0.019 |
| 9/3/2024 | 10:53:34 | 0.031 |
| 9/3/2024 | 11:08:34 | 0.043 |
| 9/3/2024 | 11:23:34 | 0.021 |

| | | |
|---|---|---|
| 9/3/2024 | 11:38:34 | 0.021 |
| 9/3/2024 | 11:53:34 | 0.019 |
| 9/3/2024 | 12:08:34 | 0.048 |
| 9/3/2024 | 12:23:34 | 0.033 |
| 9/3/2024 | 12:38:34 | 0.024 |
| 9/3/2024 | 12:53:34 | 0.022 |
| 9/3/2024 | 13:08:34 | 0.02 |
| 9/3/2024 | 13:23:34 | 0.021 |
| 9/3/2024 | 13:38:34 | 0.048 |
| 9/3/2024 | 13:53:34 | 0.021 |
| 9/3/2024 | 14:08:34 | 0.06 |
| 9/3/2024 | 14:23:34 | 0.033 |
| 9/3/2024 | 14:38:34 | 0.08 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 24 |
| Test Abbreviation: | MANUAL_024 |
| Start Date: | 9/4/2024 |
| Start Time: | 8:02:47 |
| Duration (dd:hh:mm:ss): | 0:06:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 26 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.018 |
| | Minimum: | 0.011 |
| | Time of Minimum: | 10:02:47 |
| | Date of Minimum: | 9/4/2024 |
| | Maximum: | 0.082 |
| | Time of Maximum: | 13:47:47 |
| | Date of Maximum: | 9/4/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/4/2024 | 8:17:47 | 0.021 |
| 9/4/2024 | 8:32:47 | 0.02 |
| 9/4/2024 | 8:47:47 | 0.018 |

| | | |
|---|---|---|
| 9/4/2024 | 9:02:47 | 0.018 |
| 9/4/2024 | 9:17:47 | 0.017 |
| 9/4/2024 | 9:32:47 | 0.019 |
| 9/4/2024 | 9:47:47 | 0.018 |
| 9/4/2024 | 10:02:47 | 0.011 |
| 9/4/2024 | 10:17:47 | 0.011 |
| 9/4/2024 | 10:32:47 | 0.012 |
| 9/4/2024 | 10:47:47 | 0.012 |
| 9/4/2024 | 11:02:47 | 0.014 |
| 9/4/2024 | 11:17:47 | 0.012 |
| 9/4/2024 | 11:32:47 | 0.013 |
| 9/4/2024 | 11:47:47 | 0.013 |
| 9/4/2024 | 12:02:47 | 0.013 |
| 9/4/2024 | 12:17:47 | 0.017 |
| 9/4/2024 | 12:32:47 | 0.016 |
| 9/4/2024 | 12:47:47 | 0.014 |
| 9/4/2024 | 13:02:47 | 0.015 |
| 9/4/2024 | 13:17:47 | 0.014 |
| 9/4/2024 | 13:32:47 | 0.017 |
| 9/4/2024 | 13:47:47 | 0.082 |
| 9/4/2024 | 14:02:47 | 0.017 |
| 9/4/2024 | 14:17:47 | 0.023 |
| 9/4/2024 | 14:32:47 | 0.019 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 25 |
| Test Abbreviation: | MANUAL_025 |
| Start Date: | 9/5/2024 |
| Start Time: | 8:29:52 |
| Duration (dd:hh:mm:ss): | 0:06:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 26 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.02 |
| | Minimum: | 0.015 |
| | Time of Minimum: | 9:14:52 |
| | Date of Minimum: | 9/5/2024 |
| | Maximum: | 0.026 |
| | Time of Maximum: | 10:44:52 |

Date of Maximum: 9/5/2024

Calibration Sensor: AEROSOL
Cal. date 1/25/2024

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/5/2024 | 8:44:52 | 0.024 |
| 9/5/2024 | 8:59:52 | 0.017 |
| 9/5/2024 | 9:14:52 | 0.015 |
| 9/5/2024 | 9:29:52 | 0.019 |
| 9/5/2024 | 9:44:52 | 0.017 |
| 9/5/2024 | 9:59:52 | 0.017 |
| 9/5/2024 | 10:14:52 | 0.019 |
| 9/5/2024 | 10:29:52 | 0.016 |
| 9/5/2024 | 10:44:52 | 0.026 |
| 9/5/2024 | 10:59:52 | 0.015 |
| 9/5/2024 | 11:14:52 | 0.018 |
| 9/5/2024 | 11:29:52 | 0.02 |
| 9/5/2024 | 11:44:52 | 0.017 |
| 9/5/2024 | 11:59:52 | 0.021 |
| 9/5/2024 | 12:14:52 | 0.018 |
| 9/5/2024 | 12:29:52 | 0.019 |
| 9/5/2024 | 12:44:52 | 0.018 |
| 9/5/2024 | 12:59:52 | 0.026 |
| 9/5/2024 | 13:14:52 | 0.019 |
| 9/5/2024 | 13:29:52 | 0.023 |
| 9/5/2024 | 13:44:52 | 0.02 |
| 9/5/2024 | 13:59:52 | 0.02 |
| 9/5/2024 | 14:14:52 | 0.02 |
| 9/5/2024 | 14:29:52 | 0.021 |
| 9/5/2024 | 14:44:52 | 0.024 |
| 9/5/2024 | 14:59:52 | 0.022 |

Model: DustTrak II
Model Number: 8530
Serial Number: 8530182511
Test ID: 26
Test Abbreviation: MANUAL_026
Start Date: 9/6/2024
Start Time: 7:59:37
Duration (dd:hh:mm:ss): 0:06:00:00
Log Interval (mm:ss): 15:00
Number of points: 24

Notes:

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.02 |
| | Minimum: | 0.015 |
| | Time of Minimum: | 11:14:37 |
| | Date of Minimum: | 9/6/2024 |
| | Maximum: | 0.03 |
| | Time of Maximum: | 8:29:37 |
| | Date of Maximum: | 9/6/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/6/2024 | 8:14:37 | 0.018 |
| 9/6/2024 | 8:29:37 | 0.03 |
| 9/6/2024 | 8:44:37 | 0.023 |
| 9/6/2024 | 8:59:37 | 0.017 |
| 9/6/2024 | 9:14:37 | 0.019 |
| 9/6/2024 | 9:29:37 | 0.026 |
| 9/6/2024 | 9:44:37 | 0.021 |
| 9/6/2024 | 9:59:37 | 0.025 |
| 9/6/2024 | 10:14:37 | 0.022 |
| 9/6/2024 | 10:29:37 | 0.017 |
| 9/6/2024 | 10:44:37 | 0.017 |
| 9/6/2024 | 10:59:37 | 0.016 |
| 9/6/2024 | 11:14:37 | 0.015 |
| 9/6/2024 | 11:29:37 | 0.018 |
| 9/6/2024 | 11:44:37 | 0.027 |
| 9/6/2024 | 11:59:37 | 0.016 |
| 9/6/2024 | 12:14:37 | 0.016 |
| 9/6/2024 | 12:29:37 | 0.018 |
| 9/6/2024 | 12:44:37 | 0.024 |
| 9/6/2024 | 12:59:37 | 0.023 |
| 9/6/2024 | 13:14:37 | 0.017 |
| 9/6/2024 | 13:29:37 | 0.018 |
| 9/6/2024 | 13:44:37 | 0.022 |
| 9/6/2024 | 13:59:37 | 0.025 |

| Model: | DustTrak II |
|---|---|
| Model Number: | 8530 |

| | |
|---|---|
| Serial Number: | 8530182511 |
| Test ID: | 27 |
| Test Abbreviation: | MANUAL_027 |
| Start Date: | 9/9/2024 |
| Start Time: | 8:25:07 |
| Duration (dd:hh:mm:ss): | 0:06:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 26 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.017 |
| | Minimum: | 0.007 |
| | Time of Minimum: | 8:55:07 |
| | Date of Minimum: | 9/9/2024 |
| | Maximum: | 0.049 |
| | Time of Maximum: | 11:25:07 |
| | Date of Maximum: | 9/9/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/9/2024 | 8:40:07 | 0.011 |
| 9/9/2024 | 8:55:07 | 0.007 |
| 9/9/2024 | 9:10:07 | 0.011 |
| 9/9/2024 | 9:25:07 | 0.022 |
| 9/9/2024 | 9:40:07 | 0.009 |
| 9/9/2024 | 9:55:07 | 0.009 |
| 9/9/2024 | 10:10:07 | 0.01 |
| 9/9/2024 | 10:25:07 | 0.011 |
| 9/9/2024 | 10:40:07 | 0.012 |
| 9/9/2024 | 10:55:07 | 0.01 |
| 9/9/2024 | 11:10:07 | 0.01 |
| 9/9/2024 | 11:25:07 | 0.049 |
| 9/9/2024 | 11:40:07 | 0.031 |
| 9/9/2024 | 11:55:07 | 0.018 |
| 9/9/2024 | 12:10:07 | 0.019 |
| 9/9/2024 | 12:25:07 | 0.022 |
| 9/9/2024 | 12:40:07 | 0.017 |
| 9/9/2024 | 12:55:07 | 0.015 |
| 9/9/2024 | 13:10:07 | 0.017 |

| | | |
|---|---|---|
| 9/9/2024 | 13:25:07 | 0.017 |
| 9/9/2024 | 13:40:07 | 0.023 |
| 9/9/2024 | 13:55:07 | 0.017 |
| 9/9/2024 | 14:10:07 | 0.018 |
| 9/9/2024 | 14:25:07 | 0.016 |
| 9/9/2024 | 14:40:07 | 0.018 |
| 9/9/2024 | 14:55:07 | 0.019 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 28 |
| Test Abbreviation: | MANUAL_028 |
| Start Date: | 9/10/2024 |
| Start Time: | 8:05:42 |
| Duration (dd:hh:mm:ss): | 0:06:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 26 |
| Notes: | |

| Statistics | | |
|---|---|---|
| | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.015 |
| | Minimum: | 0.011 |
| | Time of Minimum: | 9:50:42 |
| | Date of Minimum: | 9/10/2024 |
| | Maximum: | 0.022 |
| | Time of Maximum: | 8:20:42 |
| | Date of Maximum: | 9/10/2024 |

| Calibration | | |
|---|---|---|
| | Sensor: | AEROSOL |
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/10/2024 | 8:20:42 | 0.022 |
| 9/10/2024 | 8:35:42 | 0.017 |
| 9/10/2024 | 8:50:42 | 0.014 |
| 9/10/2024 | 9:05:42 | 0.014 |
| 9/10/2024 | 9:20:42 | 0.013 |
| 9/10/2024 | 9:35:42 | 0.012 |
| 9/10/2024 | 9:50:42 | 0.011 |
| 9/10/2024 | 10:05:42 | 0.012 |
| 9/10/2024 | 10:20:42 | 0.011 |

| | | |
|---|---|---|
| 9/10/2024 | 10:35:42 | 0.012 |
| 9/10/2024 | 10:50:42 | 0.014 |
| 9/10/2024 | 11:05:42 | 0.012 |
| 9/10/2024 | 11:20:42 | 0.014 |
| 9/10/2024 | 11:35:42 | 0.014 |
| 9/10/2024 | 11:50:42 | 0.014 |
| 9/10/2024 | 12:05:42 | 0.015 |
| 9/10/2024 | 12:20:42 | 0.016 |
| 9/10/2024 | 12:35:42 | 0.015 |
| 9/10/2024 | 12:50:42 | 0.017 |
| 9/10/2024 | 13:05:42 | 0.018 |
| 9/10/2024 | 13:20:42 | 0.017 |
| 9/10/2024 | 13:35:42 | 0.018 |
| 9/10/2024 | 13:50:42 | 0.018 |
| 9/10/2024 | 14:05:42 | 0.018 |
| 9/10/2024 | 14:20:42 | 0.017 |
| 9/10/2024 | 14:35:42 | 0.017 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 29 |
| Test Abbreviation: | MANUAL_029 |
| Start Date: | 9/11/2024 |
| Start Time: | 8:15:08 |
| Duration (dd:hh:mm:ss): | 0:05:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 23 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.022 |
| | Minimum: | 0.018 |
| | Time of Minimum: | 8:30:08 |
| | Date of Minimum: | 9/11/2024 |
| | Maximum: | 0.032 |
| | Time of Maximum: | 13:15:08 |
| | Date of Maximum: | 9/11/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|

| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
|---|---|---|
| 9/11/2024 | 8:30:08 | 0.018 |
| 9/11/2024 | 8:45:08 | 0.019 |
| 9/11/2024 | 9:00:08 | 0.021 |
| 9/11/2024 | 9:15:08 | 0.019 |
| 9/11/2024 | 9:30:08 | 0.018 |
| 9/11/2024 | 9:45:08 | 0.019 |
| 9/11/2024 | 10:00:08 | 0.022 |
| 9/11/2024 | 10:15:08 | 0.024 |
| 9/11/2024 | 10:30:08 | 0.019 |
| 9/11/2024 | 10:45:08 | 0.019 |
| 9/11/2024 | 11:00:08 | 0.021 |
| 9/11/2024 | 11:15:08 | 0.029 |
| 9/11/2024 | 11:30:08 | 0.022 |
| 9/11/2024 | 11:45:08 | 0.029 |
| 9/11/2024 | 12:00:08 | 0.023 |
| 9/11/2024 | 12:15:08 | 0.028 |
| 9/11/2024 | 12:30:08 | 0.022 |
| 9/11/2024 | 12:45:08 | 0.031 |
| 9/11/2024 | 13:00:08 | 0.027 |
| 9/11/2024 | 13:15:08 | 0.032 |
| 9/11/2024 | 13:30:08 | 0.026 |
| 9/11/2024 | 13:45:08 | 0.027 |
| 9/11/2024 | 14:00:08 | 0.024 |

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| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 026 |
| Test Abbreviation: | MANUAL_026 |
| Start Date: | 9/3/2024 |
| Start Time: | 7:41:18 |
| Duration (dd:hh:mm:ss): | 0:06:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 27 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.013 |
| | Minimum: | 0.001 |
| | Time of Minimum: | 14:11:18 |
| | Date of Minimum: | 9/3/2024 |
| | Maximum: | 0.045 |
| | Time of Maximum: | 7:56:18 |
| | Date of Maximum: | 9/3/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/3/2024 | 7:56:18 | 0.045 |
| 9/3/2024 | 8:11:18 | 0.04 |
| 9/3/2024 | 8:26:18 | 0.035 |
| 9/3/2024 | 8:41:18 | 0.03 |
| 9/3/2024 | 8:56:18 | 0.027 |
| 9/3/2024 | 9:11:18 | 0.024 |
| 9/3/2024 | 9:26:18 | 0.017 |
| 9/3/2024 | 9:41:18 | 0.013 |
| 9/3/2024 | 9:56:18 | 0.01 |
| 9/3/2024 | 10:11:18 | 0.01 |
| 9/3/2024 | 10:26:18 | 0.014 |
| 9/3/2024 | 10:41:18 | 0.006 |
| 9/3/2024 | 10:56:18 | 0.005 |
| 9/3/2024 | 11:11:18 | 0.005 |
| 9/3/2024 | 11:26:18 | 0.004 |

| | | |
|---|---|---|
| 9/3/2024 | 11:41:18 | 0.003 |
| 9/3/2024 | 11:56:18 | 0.005 |
| 9/3/2024 | 12:11:18 | 0.004 |
| 9/3/2024 | 12:26:18 | 0.013 |
| 9/3/2024 | 12:41:18 | 0.004 |
| 9/3/2024 | 12:56:18 | 0.003 |
| 9/3/2024 | 13:11:18 | 0.008 |
| 9/3/2024 | 13:26:18 | 0.01 |
| 9/3/2024 | 13:41:18 | 0.002 |
| 9/3/2024 | 13:56:18 | 0.002 |
| 9/3/2024 | 14:11:18 | 0.001 |
| 9/3/2024 | 14:26:18 | 0.001 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 027 |
| Test Abbreviation: | MANUAL_027 |
| Start Date: | 9/4/2024 |
| Start Time: | 8:10:53 |
| Duration (dd:hh:mm:ss): | 0:06:15:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 25 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.014 |
| | Minimum: | 0.001 |
| | Time of Minimum: | 11:25:53 |
| | Date of Minimum: | 9/4/2024 |
| | Maximum: | 0.072 |
| | Time of Maximum: | 14:10:53 |
| | Date of Maximum: | 9/4/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/4/2024 | 8:25:53 | 0.026 |
| 9/4/2024 | 8:40:53 | 0.027 |
| 9/4/2024 | 8:55:53 | 0.019 |
| 9/4/2024 | 9:10:53 | 0.014 |

| | | |
|---|---|---|
| 9/4/2024 | 9:25:53 | 0.01 |
| 9/4/2024 | 9:40:53 | 0.022 |
| 9/4/2024 | 9:55:53 | 0.007 |
| 9/4/2024 | 10:10:53 | 0.01 |
| 9/4/2024 | 10:25:53 | 0.006 |
| 9/4/2024 | 10:40:53 | 0.009 |
| 9/4/2024 | 10:55:53 | 0.013 |
| 9/4/2024 | 11:10:53 | 0.006 |
| 9/4/2024 | 11:25:53 | 0.001 |
| 9/4/2024 | 11:40:53 | 0.004 |
| 9/4/2024 | 11:55:53 | 0.006 |
| 9/4/2024 | 12:10:53 | 0.002 |
| 9/4/2024 | 12:25:53 | 0.011 |
| 9/4/2024 | 12:40:53 | 0.004 |
| 9/4/2024 | 12:55:53 | 0.018 |
| 9/4/2024 | 13:10:53 | 0.009 |
| 9/4/2024 | 13:25:53 | 0.002 |
| 9/4/2024 | 13:40:53 | 0.002 |
| 9/4/2024 | 13:55:53 | 0.009 |
| 9/4/2024 | 14:10:53 | 0.072 |
| 9/4/2024 | 14:25:53 | 0.036 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 028 |
| Test Abbreviation: | MANUAL_028 |
| Start Date: | 9/5/2024 |
| Start Time: | 7:46:04 |
| Duration (dd:hh:mm:ss): | 0:07:15:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 29 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.029 |
| | Minimum: | 0.005 |
| | Time of Minimum: | 10:16:04 |
| | Date of Minimum: | 9/5/2024 |
| | Maximum: | 0.135 |
| | Time of Maximum: | 15:01:04 |
| | Date of Maximum: | 9/5/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/5/2024 | 8:01:04 | 0.015 |
| 9/5/2024 | 8:16:04 | 0.016 |
| 9/5/2024 | 8:31:04 | 0.017 |
| 9/5/2024 | 8:46:04 | 0.023 |
| 9/5/2024 | 9:01:04 | 0.044 |
| 9/5/2024 | 9:16:04 | 0.016 |
| 9/5/2024 | 9:31:04 | 0.024 |
| 9/5/2024 | 9:46:04 | 0.067 |
| 9/5/2024 | 10:01:04 | 0.011 |
| 9/5/2024 | 10:16:04 | 0.005 |
| 9/5/2024 | 10:31:04 | 0.016 |
| 9/5/2024 | 10:46:04 | 0.074 |
| 9/5/2024 | 11:01:04 | 0.032 |
| 9/5/2024 | 11:16:04 | 0.014 |
| 9/5/2024 | 11:31:04 | 0.005 |
| 9/5/2024 | 11:46:04 | 0.005 |
| 9/5/2024 | 12:01:04 | 0.01 |
| 9/5/2024 | 12:16:04 | 0.015 |
| 9/5/2024 | 12:31:04 | 0.006 |
| 9/5/2024 | 12:46:04 | 0.005 |
| 9/5/2024 | 13:01:04 | 0.024 |
| 9/5/2024 | 13:16:04 | 0.047 |
| 9/5/2024 | 13:31:04 | 0.027 |
| 9/5/2024 | 13:46:04 | 0.01 |
| 9/5/2024 | 14:01:04 | 0.022 |
| 9/5/2024 | 14:16:04 | 0.043 |
| 9/5/2024 | 14:31:04 | 0.028 |
| 9/5/2024 | 14:46:04 | 0.083 |
| 9/5/2024 | 15:01:04 | 0.135 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 029 |
| Test Abbreviation: | MANUAL_029 |
| Start Date: | 9/6/2024 |
| Start Time: | 7:57:20 |
| Duration (dd:hh:mm:ss): | 0:06:00:00 |
| Log Interval (mm:ss): | 15:00 |

Number of points: 24
Notes:

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.017 |
| | Minimum: | 0.005 |
| | Time of Minimum: | 12:12:20 |
| | Date of Minimum: | 9/6/2024 |
| | Maximum: | 0.041 |
| | Time of Maximum: | 9:27:20 |
| | Date of Maximum: | 9/6/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/6/2024 | 8:12:20 | 0.02 |
| 9/6/2024 | 8:27:20 | 0.022 |
| 9/6/2024 | 8:42:20 | 0.036 |
| 9/6/2024 | 8:57:20 | 0.021 |
| 9/6/2024 | 9:12:20 | 0.011 |
| 9/6/2024 | 9:27:20 | 0.041 |
| 9/6/2024 | 9:42:20 | 0.035 |
| 9/6/2024 | 9:57:20 | 0.023 |
| 9/6/2024 | 10:12:20 | 0.008 |
| 9/6/2024 | 10:27:20 | 0.024 |
| 9/6/2024 | 10:42:20 | 0.009 |
| 9/6/2024 | 10:57:20 | 0.006 |
| 9/6/2024 | 11:12:20 | 0.006 |
| 9/6/2024 | 11:27:20 | 0.034 |
| 9/6/2024 | 11:42:20 | 0.023 |
| 9/6/2024 | 11:57:20 | 0.006 |
| 9/6/2024 | 12:12:20 | 0.005 |
| 9/6/2024 | 12:27:20 | 0.012 |
| 9/6/2024 | 12:42:20 | 0.008 |
| 9/6/2024 | 12:57:20 | 0.012 |
| 9/6/2024 | 13:12:20 | 0.008 |
| 9/6/2024 | 13:27:20 | 0.009 |
| 9/6/2024 | 13:42:20 | 0.011 |
| 9/6/2024 | 13:57:20 | 0.014 |

Model: DustTrak II

| | |
|---|---|
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 030 |
| Test Abbreviation: | MANUAL_030 |
| Start Date: | 9/9/2024 |
| Start Time: | 8:32:37 |
| Duration (dd:hh:mm:ss): | 0:06:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 26 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.02 |
| | Minimum: | 0.002 |
| | Time of Minimum: | 11:02:37 |
| | Date of Minimum: | 9/9/2024 |
| | Maximum: | 0.064 |
| | Time of Maximum: | 11:32:37 |
| | Date of Maximum: | 9/9/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/9/2024 | 8:47:37 | 0.013 |
| 9/9/2024 | 9:02:37 | 0.009 |
| 9/9/2024 | 9:17:37 | 0.021 |
| 9/9/2024 | 9:32:37 | 0.015 |
| 9/9/2024 | 9:47:37 | 0.009 |
| 9/9/2024 | 10:02:37 | 0.014 |
| 9/9/2024 | 10:17:37 | 0.016 |
| 9/9/2024 | 10:32:37 | 0.015 |
| 9/9/2024 | 10:47:37 | 0.003 |
| 9/9/2024 | 11:02:37 | 0.002 |
| 9/9/2024 | 11:17:37 | 0.027 |
| 9/9/2024 | 11:32:37 | 0.064 |
| 9/9/2024 | 11:47:37 | 0.033 |
| 9/9/2024 | 12:02:37 | 0.047 |
| 9/9/2024 | 12:17:37 | 0.029 |
| 9/9/2024 | 12:32:37 | 0.026 |
| 9/9/2024 | 12:47:37 | 0.004 |
| 9/9/2024 | 13:02:37 | 0.011 |

| | | |
|---|---|---|
| 9/9/2024 | 13:17:37 | 0.024 |
| 9/9/2024 | 13:32:37 | 0.03 |
| 9/9/2024 | 13:47:37 | 0.047 |
| 9/9/2024 | 14:02:37 | 0.016 |
| 9/9/2024 | 14:17:37 | 0.005 |
| 9/9/2024 | 14:32:37 | 0.005 |
| 9/9/2024 | 14:47:37 | 0.012 |
| 9/9/2024 | 15:02:37 | 0.012 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 031 |
| Test Abbreviation: | MANUAL_031 |
| Start Date: | 9/10/2024 |
| Start Time: | 8:08:15 |
| Duration (dd:hh:mm:ss): | 0:06:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 26 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.009 |
| | Minimum: | 0.003 |
| | Time of Minimum: | 11:23:15 |
| | Date of Minimum: | 9/10/2024 |
| | Maximum: | 0.03 |
| | Time of Maximum: | 8:23:15 |
| | Date of Maximum: | 9/10/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/10/2024 | 8:23:15 | 0.03 |
| 9/10/2024 | 8:38:15 | 0.023 |
| 9/10/2024 | 8:53:15 | 0.016 |
| 9/10/2024 | 9:08:15 | 0.013 |
| 9/10/2024 | 9:23:15 | 0.011 |
| 9/10/2024 | 9:38:15 | 0.006 |
| 9/10/2024 | 9:53:15 | 0.004 |
| 9/10/2024 | 10:08:15 | 0.009 |

| | | |
|---|---|---|
| 9/10/2024 | 10:23:15 | 0.004 |
| 9/10/2024 | 10:38:15 | 0.004 |
| 9/10/2024 | 10:53:15 | 0.004 |
| 9/10/2024 | 11:08:15 | 0.004 |
| 9/10/2024 | 11:23:15 | 0.003 |
| 9/10/2024 | 11:38:15 | 0.003 |
| 9/10/2024 | 11:53:15 | 0.003 |
| 9/10/2024 | 12:08:15 | 0.016 |
| 9/10/2024 | 12:23:15 | 0.006 |
| 9/10/2024 | 12:38:15 | 0.003 |
| 9/10/2024 | 12:53:15 | 0.004 |
| 9/10/2024 | 13:08:15 | 0.012 |
| 9/10/2024 | 13:23:15 | 0.014 |
| 9/10/2024 | 13:38:15 | 0.006 |
| 9/10/2024 | 13:53:15 | 0.005 |
| 9/10/2024 | 14:08:15 | 0.008 |
| 9/10/2024 | 14:23:15 | 0.009 |
| 9/10/2024 | 14:38:15 | 0.005 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 032 |
| Test Abbreviation: | MANUAL_032 |
| Start Date: | 9/11/2024 |
| Start Time: | 8:16:55 |
| Duration (dd:hh:mm:ss): | 0:05:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 23 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.009 |
| | Minimum: | 0.004 |
| | Time of Minimum: | 14:01:55 |
| | Date of Minimum: | 9/11/2024 |
| | Maximum: | 0.014 |
| | Time of Maximum: | 13:01:55 |
| | Date of Maximum: | 9/11/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/11/2024 | 8:31:55 | 0.01 |
| 9/11/2024 | 8:46:55 | 0.01 |
| 9/11/2024 | 9:01:55 | 0.012 |
| 9/11/2024 | 9:16:55 | 0.011 |
| 9/11/2024 | 9:31:55 | 0.009 |
| 9/11/2024 | 9:46:55 | 0.01 |
| 9/11/2024 | 10:01:55 | 0.011 |
| 9/11/2024 | 10:16:55 | 0.011 |
| 9/11/2024 | 10:31:55 | 0.01 |
| 9/11/2024 | 10:46:55 | 0.009 |
| 9/11/2024 | 11:01:55 | 0.009 |
| 9/11/2024 | 11:16:55 | 0.009 |
| 9/11/2024 | 11:31:55 | 0.009 |
| 9/11/2024 | 11:46:55 | 0.009 |
| 9/11/2024 | 12:01:55 | 0.01 |
| 9/11/2024 | 12:16:55 | 0.01 |
| 9/11/2024 | 12:31:55 | 0.01 |
| 9/11/2024 | 12:46:55 | 0.009 |
| 9/11/2024 | 13:01:55 | 0.014 |
| 9/11/2024 | 13:16:55 | 0.007 |
| 9/11/2024 | 13:31:55 | 0.006 |
| 9/11/2024 | 13:46:55 | 0.005 |
| 9/11/2024 | 14:01:55 | 0.004 |

24/09/03 07:51

Summary

| | |
|---|---|
| Unit Name | MiniRAE 3000 +(PGM-7320) |
| Unit SN | 592-927537 |
| Unit Firmware Ver | V2.22 |
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |
| Site ID | 12345678 |
| User ID | 12345678 |
| Begin | 9/3/2024 7:51 |
| End | 9/3/2024 10:57 |
| Sample Period(s) | 900 |
| Number of Records | 12 |
| Sensor | PID(ppm) |
| Sensor SN | S023030449W3 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:09 |
| Peak | 1.5 |
| Min | 0.1 |
| Average | 0.7 |

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Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 1 | 9/3/2024 8:06 | 0.1 | 0.2 | 0.1 |
| 2 | 9/3/2024 8:21 | 0.1 | 0.1 | 0.1 |

| | | | | | |
|---|---|---|---|---|---|
| | 3 | 9/3/2024 8:36 | 0.1 | 0.1 | 0.1 |
| | 4 | 9/3/2024 8:51 | 0.2 | 0.4 | 0.4 |
| | 5 | 9/3/2024 9:06 | 0.5 | 1 | 0.7 |
| | 6 | 9/3/2024 9:21 | 0.7 | 0.9 | 0.8 |
| | 7 | 9/3/2024 9:36 | 0.8 | 1.5 | 1.2 |
| | 8 | 9/3/2024 9:51 | 1.4 | 2.9 | 1.5 |
| | 9 | 9/3/2024 10:06 | 1.4 | 2.1 | 1.3 |
| | 10 | 9/3/2024 10:21 | 1.4 | 2.1 | 1.1 |
| | 11 | 9/3/2024 10:36 | 1 | 1.1 | 0.8 |
| | 12 | 9/3/2024 10:51 | 0.8 | 0.9 | 0.7 |
| Peak | | | 1.4 | 2.9 | 1.5 |
| Min | | | 0.1 | 0.1 | 0.1 |
| Average | | | 0.7 | 1.1 | 0.7 |

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TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 1 | 9/3/2024 8:06 | 0 | 0.1 |
| 2 | 9/3/2024 8:21 | 0 | 0.2 |
| 3 | 9/3/2024 8:36 | 0 | 0.2 |
| 4 | 9/3/2024 8:51 | 0 | 0.5 |
| 5 | 9/3/2024 9:06 | 0 | 1.1 |
| 6 | 9/3/2024 9:21 | 0.1 | 1.5 |
| 7 | 9/3/2024 9:36 | 0.1 | 2 |
| 8 | 9/3/2024 9:51 | 0.2 | 2.7 |
| 9 | 9/3/2024 10:06 | 0.2 | 2.8 |
| 10 | 9/3/2024 10:21 | 0.2 | 2.4 |
| 11 | 9/3/2024 10:36 | 0.3 | 1.9 |
| 12 | 9/3/2024 10:51 | 0.3 | 1.5 |

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24/09/03 13:42

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000 +(PGM-7320) |
| Unit SN | 592-927537 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |

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| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 9/3/2024 13:42 |
| End | 9/3/2024 14:00 |
| Sample Period(s) | 900 |
| Number of Records | 1 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030449W3 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:09 |
| Peak | 0.9 |
| Min | 0.9 |
| Average | 0.9 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 1 | 9/3/2024 13:57 | 1.9 | 5.9 | 0.9 |
| Peak | | 1.9 | 5.9 | 0.9 |
| Min | | 1.9 | 5.9 | 0.9 |
| Average | | 1.9 | 5.9 | 0.9 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 1 | 9/3/2024 13:57 | 0 | 0.9 |

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24/09/04 08:07

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000 +(PGM-7320) |

| | |
|---|---|
| Unit SN | 592-927537 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Pause in Menu Mode |

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| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 9/4/2024 8:07 |
| End | 9/4/2024 8:07 |
| Sample Period(s) | 900 |
| Number of Records | 0 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030449W3 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:09 |

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Datalog

0 record.

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24/09/05 08:54

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000 +(PGM-7320) |
| Unit SN | 592-927537 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |

| | |
|---|---|
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |

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| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 9/5/2024 8:54 |
| End | 9/5/2024 12:36 |
| Sample Period(s) | 900 |
| Number of Records | 14 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030449W3 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:09 |
| Peak | 1 |
| Min | 0 |
| Average | 0.3 |

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Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 1 | 9/5/2024 9:09 | 0.1 | 0.9 | 0 |
| 2 | 9/5/2024 9:24 | 0.1 | 1.2 | 0 |
| 3 | 9/5/2024 9:39 | 0.2 | 1.7 | 0.1 |
| 4 | 9/5/2024 9:54 | 0.3 | 1.2 | 0.2 |
| 5 | 9/5/2024 10:09 | 0.1 | 0.3 | 0 |
| 6 | 9/5/2024 10:24 | 0.1 | 1 | 1 |
| 7 | 9/5/2024 10:39 | 0.3 | 1.7 | 0.2 |
| 8 | 9/5/2024 10:54 | 0.4 | 5.3 | 0.1 |
| 9 | 9/5/2024 11:09 | 1.6 | 12 | 0.5 |
| 10 | 9/5/2024 11:24 | 0.4 | 0.8 | 0.4 |
| 11 | 9/5/2024 11:39 | 0.5 | 3.4 | 0.3 |
| 12 | 9/5/2024 11:54 | 0.3 | 0.8 | 0.2 |

| | | | | | |
|---|---|---|---|---|---|
| | 13 | 9/5/2024 12:09 | 0.3 | 2 | 0.4 |
| | 14 | 9/5/2024 12:24 | 0.6 | 4.2 | 0.2 |
| Peak | | | 1.6 | 12 | 1 |
| Min | | | 0.1 | 0.3 | 0 |
| Average | | | 0.4 | 2.6 | 0.3 |

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TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 1 | 9/5/2024 9:09 | 0 | 0 |
| 2 | 9/5/2024 9:24 | 0 | 0 |
| 3 | 9/5/2024 9:39 | 0 | 0.1 |
| 4 | 9/5/2024 9:54 | 0 | 0.3 |
| 5 | 9/5/2024 10:09 | 0 | 0.2 |
| 6 | 9/5/2024 10:24 | 0 | 1 |
| 7 | 9/5/2024 10:39 | 0 | 1.2 |
| 8 | 9/5/2024 10:54 | 0.1 | 0.3 |
| 9 | 9/5/2024 11:09 | 0.1 | 0.6 |
| 10 | 9/5/2024 11:24 | 0.1 | 0.9 |
| 11 | 9/5/2024 11:39 | 0.1 | 0.7 |
| 12 | 9/5/2024 11:54 | 0.1 | 0.5 |
| 13 | 9/5/2024 12:09 | 0.1 | 0.6 |
| 14 | 9/5/2024 12:24 | 0.1 | 0.6 |

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24/09/05 13:01

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000 +(PGM-7320) |
| Unit SN | 592-927537 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |

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| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 9/5/2024 13:01 |
| End | 9/5/2024 13:15 |
| Sample Period(s) | 900 |

| | |
|---|---|
| Number of Records | 0 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030449W3 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:09 |

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Datalog

0 record.

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24/09/06 08:12

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000 +(PGM-7320) |
| Unit SN | 592-927537 |
| Unit Firmware Ver | V2.22 |

---

| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |

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| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 9/6/2024 8:12 |
| End | 9/6/2024 11:42 |
| Sample Period(s) | 900 |
| Number of Records | 14 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030449W3 |

| | |
|---|---|
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:09 |
| Peak | 0 |
| Min | 0 |
| Average | 0 |

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Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 1 | 9/6/2024 8:27 | 0 | 0.4 | 0 |
| 2 | 9/6/2024 8:42 | 0 | 0 | 0 |
| 3 | 9/6/2024 8:57 | 0 | 0 | 0 |
| 4 | 9/6/2024 9:12 | 0 | 0 | 0 |
| 5 | 9/6/2024 9:27 | 0 | 0 | 0 |
| 6 | 9/6/2024 9:42 | 0 | 0 | 0 |
| 7 | 9/6/2024 9:57 | 0 | 0.1 | 0 |
| 8 | 9/6/2024 10:12 | 0 | 0 | 0 |
| 9 | 9/6/2024 10:27 | 0 | 0.1 | 0 |
| 10 | 9/6/2024 10:42 | 0 | 0.1 | 0 |
| 11 | 9/6/2024 10:57 | 0 | 0.1 | 0 |
| 12 | 9/6/2024 11:12 | 0 | 0 | 0 |
| 13 | 9/6/2024 11:27 | 0 | 0 | 0 |
| 14 | 9/6/2024 11:42 | 0 | 0 | 0 |
| Peak | | 0 | 0.4 | 0 |
| Min | | 0 | 0 | 0 |
| Average | | 0 | 0.1 | 0 |

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TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 1 | 9/6/2024 8:27 | 0 | 0 |
| 2 | 9/6/2024 8:42 | 0 | 0 |
| 3 | 9/6/2024 8:57 | 0 | 0 |
| 4 | 9/6/2024 9:12 | 0 | 0 |

| | | | |
|---|---|---|---|
| 5 | 9/6/2024 9:27 | 0 | 0 |
| 6 | 9/6/2024 9:42 | 0 | 0 |
| 7 | 9/6/2024 9:57 | 0 | 0 |
| 8 | 9/6/2024 10:12 | 0 | 0 |
| 9 | 9/6/2024 10:27 | 0 | 0 |
| 10 | 9/6/2024 10:42 | 0 | 0 |
| 11 | 9/6/2024 10:57 | 0 | 0 |
| 12 | 9/6/2024 11:12 | 0 | 0 |
| 13 | 9/6/2024 11:27 | 0 | 0 |
| 14 | 9/6/2024 11:42 | 0 | 0 |

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24/09/09 08:40

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000 +(PGM-7320) |
| Unit SN | 592-927537 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |

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| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 9/9/2024 8:40 |
| End | 9/9/2024 9:26 |
| Sample Period(s) | 900 |
| Number of Records | 3 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030449W3 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:09 |

| | |
|---|---|
| Peak | 0 |
| Min | 0 |
| Average | 0 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 1 | 9/9/2024 8:55 | 0 | 0 | 0 |
| 2 | 9/9/2024 9:10 | 0 | 0 | 0 |
| 3 | 9/9/2024 9:25 | 0 | 0.3 | 0 |
| Peak | | 0 | 0.3 | 0 |
| Min | | 0 | 0 | 0 |
| Average | | 0 | 0.1 | 0 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 1 | 9/9/2024 8:55 | 0 | 0 |
| 2 | 9/9/2024 9:10 | 0 | 0 |
| 3 | 9/9/2024 9:25 | 0 | 0 |

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24/09/09 10:46

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000 +(PGM-7320) |
| Unit SN | 592-927537 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |

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| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 9/9/2024 10:46 |
| End | 9/9/2024 10:57 |
| Sample Period(s) | 900 |
| Number of Records | 0 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030449W3 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:09 |

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Datalog

0 record.

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24/09/10 08:20

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000 +(PGM-7320) |
| Unit SN | 592-927537 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

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| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 9/10/2024 8:20 |
| End | 9/10/2024 15:05 |
| Sample Period(s) | 900 |
| Number of Records | 26 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030449W3 |
| Measure Type | Avg; Max; Real |
| Span | 100 |

| | |
|---|---|
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:09 |
| Peak | 0.3 |
| Min | 0 |
| Average | 0.2 |

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Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 1 | 9/10/2024 8:35 | 0 | 0 | 0 |
| 2 | 9/10/2024 8:50 | 0 | 0 | 0 |
| 3 | 9/10/2024 9:05 | 0 | 0 | 0 |
| 4 | 9/10/2024 9:20 | 0 | 0 | 0 |
| 5 | 9/10/2024 9:35 | 0 | 0.1 | 0.1 |
| 6 | 9/10/2024 9:50 | 0.1 | 0.1 | 0.1 |
| 7 | 9/10/2024 10:05 | 0.1 | 0.2 | 0.2 |
| 8 | 9/10/2024 10:20 | 0.2 | 0.2 | 0.2 |
| 9 | 9/10/2024 10:35 | 0.2 | 0.2 | 0.2 |
| 10 | 9/10/2024 10:50 | 0.3 | 0.3 | 0.3 |
| 11 | 9/10/2024 11:05 | 0.3 | 0.3 | 0.3 |
| 12 | 9/10/2024 11:20 | 0.3 | 0.3 | 0.3 |
| 13 | 9/10/2024 11:35 | 0.3 | 0.3 | 0.3 |
| 14 | 9/10/2024 11:50 | 0.3 | 0.3 | 0.3 |
| 15 | 9/10/2024 12:05 | 0.3 | 0.3 | 0.3 |
| 16 | 9/10/2024 12:20 | 0.3 | 0.3 | 0.3 |
| 17 | 9/10/2024 12:35 | 0.3 | 0.3 | 0.3 |
| 18 | 9/10/2024 12:50 | 0.3 | 0.3 | 0.3 |
| 19 | 9/10/2024 13:05 | 0.3 | 0.3 | 0.3 |
| 20 | 9/10/2024 13:20 | 0.3 | 0.3 | 0.3 |
| 21 | 9/10/2024 13:35 | 0.3 | 0.3 | 0.2 |
| 22 | 9/10/2024 13:50 | 0.2 | 0.2 | 0.2 |
| 23 | 9/10/2024 14:05 | 0.2 | 0.2 | 0.2 |
| 24 | 9/10/2024 14:20 | 0.2 | 0.2 | 0.2 |
| 25 | 9/10/2024 14:35 | 0.2 | 0.2 | 0.2 |
| 26 | 9/10/2024 14:50 | 0.2 | 0.2 | 0.2 |
| Peak | | 0.3 | 0.3 | 0.3 |
| Min | | 0 | 0 | 0 |

| | | | |
|---|---|---|---|
| Average | 0.2 | 0.2 | 0.2 |

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TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 1 | 9/10/2024 8:35 | 0 | 0 |
| 2 | 9/10/2024 8:50 | 0 | 0 |
| 3 | 9/10/2024 9:05 | 0 | 0 |
| 4 | 9/10/2024 9:20 | 0 | 0 |
| 5 | 9/10/2024 9:35 | 0 | 0.1 |
| 6 | 9/10/2024 9:50 | 0 | 0.2 |
| 7 | 9/10/2024 10:05 | 0 | 0.3 |
| 8 | 9/10/2024 10:20 | 0 | 0.4 |
| 9 | 9/10/2024 10:35 | 0 | 0.4 |
| 10 | 9/10/2024 10:50 | 0 | 0.5 |
| 11 | 9/10/2024 11:05 | 0 | 0.6 |
| 12 | 9/10/2024 11:20 | 0.1 | 0.6 |
| 13 | 9/10/2024 11:35 | 0.1 | 0.6 |
| 14 | 9/10/2024 11:50 | 0.1 | 0.6 |
| 15 | 9/10/2024 12:05 | 0.1 | 0.6 |
| 16 | 9/10/2024 12:20 | 0.1 | 0.6 |
| 17 | 9/10/2024 12:35 | 0.1 | 0.6 |
| 18 | 9/10/2024 12:50 | 0.1 | 0.6 |
| 19 | 9/10/2024 13:05 | 0.1 | 0.6 |
| 20 | 9/10/2024 13:20 | 0.1 | 0.6 |
| 21 | 9/10/2024 13:35 | 0.1 | 0.5 |
| 22 | 9/10/2024 13:50 | 0.1 | 0.4 |
| 23 | 9/10/2024 14:05 | 0.1 | 0.4 |
| 24 | 9/10/2024 14:20 | 0.2 | 0.4 |
| 25 | 9/10/2024 14:35 | 0.2 | 0.4 |
| 26 | 9/10/2024 14:50 | 0.2 | 0.4 |

**Bisonite Paint Co,**
**CAMP Data: DustTrak II - DOWNWIND**
**September 9 - 11, 2024**

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 27 |
| Test Abbreviation: | MANUAL_027 |
| Start Date: | 9/9/2024 |
| Start Time: | 8:25:07 |
| Duration (dd:hh:mm:ss): | 0:06:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 26 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.017 |
| | Minimum: | 0.007 |
| | Time of Minimum: | 8:55:07 |
| | Date of Minimum: | 9/9/2024 |
| | Maximum: | 0.049 |
| | Time of Maximum: | 11:25:07 |
| | Date of Maximum: | 9/9/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/9/2024 | 8:40:07 | 0.011 |
| 9/9/2024 | 8:55:07 | 0.007 |
| 9/9/2024 | 9:10:07 | 0.011 |
| 9/9/2024 | 9:25:07 | 0.022 |
| 9/9/2024 | 9:40:07 | 0.009 |
| 9/9/2024 | 9:55:07 | 0.009 |
| 9/9/2024 | 10:10:07 | 0.01 |
| 9/9/2024 | 10:25:07 | 0.011 |
| 9/9/2024 | 10:40:07 | 0.012 |
| 9/9/2024 | 10:55:07 | 0.01 |
| 9/9/2024 | 11:10:07 | 0.01 |
| 9/9/2024 | 11:25:07 | 0.049 |
| 9/9/2024 | 11:40:07 | 0.031 |
| 9/9/2024 | 11:55:07 | 0.018 |
| 9/9/2024 | 12:10:07 | 0.019 |
| 9/9/2024 | 12:25:07 | 0.022 |

| | | |
|---|---|---|
| 9/9/2024 | 12:40:07 | 0.017 |
| 9/9/2024 | 12:55:07 | 0.015 |
| 9/9/2024 | 13:10:07 | 0.017 |
| 9/9/2024 | 13:25:07 | 0.017 |
| 9/9/2024 | 13:40:07 | 0.023 |
| 9/9/2024 | 13:55:07 | 0.017 |
| 9/9/2024 | 14:10:07 | 0.018 |
| 9/9/2024 | 14:25:07 | 0.016 |
| 9/9/2024 | 14:40:07 | 0.018 |
| 9/9/2024 | 14:55:07 | 0.019 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 28 |
| Test Abbreviation: | MANUAL_028 |
| Start Date: | 9/10/2024 |
| Start Time: | 8:05:42 |
| Duration (dd:hh:mm:ss): | 0:06:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 26 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.015 |
| | Minimum: | 0.011 |
| | Time of Minimum: | 9:50:42 |
| | Date of Minimum: | 9/10/2024 |
| | Maximum: | 0.022 |
| | Time of Maximum: | 8:20:42 |
| | Date of Maximum: | 9/10/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/10/2024 | 8:20:42 | 0.022 |
| 9/10/2024 | 8:35:42 | 0.017 |
| 9/10/2024 | 8:50:42 | 0.014 |
| 9/10/2024 | 9:05:42 | 0.014 |
| 9/10/2024 | 9:20:42 | 0.013 |
| 9/10/2024 | 9:35:42 | 0.012 |
| 9/10/2024 | 9:50:42 | 0.011 |
| 9/10/2024 | 10:05:42 | 0.012 |
| 9/10/2024 | 10:20:42 | 0.011 |

| | | |
|---|---|---|
| 9/10/2024 | 10:35:42 | 0.012 |
| 9/10/2024 | 10:50:42 | 0.014 |
| 9/10/2024 | 11:05:42 | 0.012 |
| 9/10/2024 | 11:20:42 | 0.014 |
| 9/10/2024 | 11:35:42 | 0.014 |
| 9/10/2024 | 11:50:42 | 0.014 |
| 9/10/2024 | 12:05:42 | 0.015 |
| 9/10/2024 | 12:20:42 | 0.016 |
| 9/10/2024 | 12:35:42 | 0.015 |
| 9/10/2024 | 12:50:42 | 0.017 |
| 9/10/2024 | 13:05:42 | 0.018 |
| 9/10/2024 | 13:20:42 | 0.017 |
| 9/10/2024 | 13:35:42 | 0.018 |
| 9/10/2024 | 13:50:42 | 0.018 |
| 9/10/2024 | 14:05:42 | 0.018 |
| 9/10/2024 | 14:20:42 | 0.017 |
| 9/10/2024 | 14:35:42 | 0.017 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 29 |
| Test Abbreviation: | MANUAL_029 |
| Start Date: | 9/11/2024 |
| Start Time: | 8:15:08 |
| Duration (dd:hh:mm:ss): | 0:05:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 23 |
| Notes: | |

| Statistics | | |
|---|---|---|
| | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.022 |
| | Minimum: | 0.018 |
| | Time of Minimum: | 8:30:08 |
| | Date of Minimum: | 9/11/2024 |
| | Maximum: | 0.032 |
| | Time of Maximum: | 13:15:08 |
| | Date of Maximum: | 9/11/2024 |

| Calibration | | |
|---|---|---|
| | Sensor: | AEROSOL |
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|

| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
|---|---|---|
| 9/11/2024 | 8:30:08 | 0.018 |
| 9/11/2024 | 8:45:08 | 0.019 |
| 9/11/2024 | 9:00:08 | 0.021 |
| 9/11/2024 | 9:15:08 | 0.019 |
| 9/11/2024 | 9:30:08 | 0.018 |
| 9/11/2024 | 9:45:08 | 0.019 |
| 9/11/2024 | 10:00:08 | 0.022 |
| 9/11/2024 | 10:15:08 | 0.024 |
| 9/11/2024 | 10:30:08 | 0.019 |
| 9/11/2024 | 10:45:08 | 0.019 |
| 9/11/2024 | 11:00:08 | 0.021 |
| 9/11/2024 | 11:15:08 | 0.029 |
| 9/11/2024 | 11:30:08 | 0.022 |
| 9/11/2024 | 11:45:08 | 0.029 |
| 9/11/2024 | 12:00:08 | 0.023 |
| 9/11/2024 | 12:15:08 | 0.028 |
| 9/11/2024 | 12:30:08 | 0.022 |
| 9/11/2024 | 12:45:08 | 0.031 |
| 9/11/2024 | 13:00:08 | 0.027 |
| 9/11/2024 | 13:15:08 | 0.032 |
| 9/11/2024 | 13:30:08 | 0.026 |
| 9/11/2024 | 13:45:08 | 0.027 |
| 9/11/2024 | 14:00:08 | 0.024 |

**Bisonite Paint Co,**
**CAMP Data: DustTrak II – Upwind**
**September** 9 – 11**, 2024**

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 030 |
| Test Abbreviation: | MANUAL_030 |
| Start Date: | 9/9/2024 |
| Start Time: | 8:32:37 |
| Duration (dd:hh:mm:ss): | 0:06:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 26 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.02 |
| | Minimum: | 0.002 |
| | Time of Minimum: | 11:02:37 |
| | Date of Minimum: | 9/9/2024 |
| | Maximum: | 0.064 |
| | Time of Maximum: | 11:32:37 |
| | Date of Maximum: | 9/9/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/9/2024 | 8:47:37 | 0.013 |
| 9/9/2024 | 9:02:37 | 0.009 |
| 9/9/2024 | 9:17:37 | 0.021 |
| 9/9/2024 | 9:32:37 | 0.015 |
| 9/9/2024 | 9:47:37 | 0.009 |
| 9/9/2024 | 10:02:37 | 0.014 |
| 9/9/2024 | 10:17:37 | 0.016 |
| 9/9/2024 | 10:32:37 | 0.015 |
| 9/9/2024 | 10:47:37 | 0.003 |
| 9/9/2024 | 11:02:37 | 0.002 |
| 9/9/2024 | 11:17:37 | 0.027 |
| 9/9/2024 | 11:32:37 | 0.064 |
| 9/9/2024 | 11:47:37 | 0.033 |
| 9/9/2024 | 12:02:37 | 0.047 |
| 9/9/2024 | 12:17:37 | 0.029 |
| 9/9/2024 | 12:32:37 | 0.026 |

| | | |
|---|---|---|
| 9/9/2024 | 12:47:37 | 0.004 |
| 9/9/2024 | 13:02:37 | 0.011 |
| 9/9/2024 | 13:17:37 | 0.024 |
| 9/9/2024 | 13:32:37 | 0.03 |
| 9/9/2024 | 13:47:37 | 0.047 |
| 9/9/2024 | 14:02:37 | 0.016 |
| 9/9/2024 | 14:17:37 | 0.005 |
| 9/9/2024 | 14:32:37 | 0.005 |
| 9/9/2024 | 14:47:37 | 0.012 |
| 9/9/2024 | 15:02:37 | 0.012 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 031 |
| Test Abbreviation: | MANUAL_031 |
| Start Date: | 9/10/2024 |
| Start Time: | 8:08:15 |
| Duration (dd:hh:mm:ss): | 0:06:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 26 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.009 |
| | Minimum: | 0.003 |
| | Time of Minimum: | 11:23:15 |
| | Date of Minimum: | 9/10/2024 |
| | Maximum: | 0.03 |
| | Time of Maximum: | 8:23:15 |
| | Date of Maximum: | 9/10/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/10/2024 | 8:23:15 | 0.03 |
| 9/10/2024 | 8:38:15 | 0.023 |
| 9/10/2024 | 8:53:15 | 0.016 |
| 9/10/2024 | 9:08:15 | 0.013 |
| 9/10/2024 | 9:23:15 | 0.011 |
| 9/10/2024 | 9:38:15 | 0.006 |
| 9/10/2024 | 9:53:15 | 0.004 |
| 9/10/2024 | 10:08:15 | 0.009 |

| | | |
|---|---|---|
| 9/10/2024 | 10:23:15 | 0.004 |
| 9/10/2024 | 10:38:15 | 0.004 |
| 9/10/2024 | 10:53:15 | 0.004 |
| 9/10/2024 | 11:08:15 | 0.004 |
| 9/10/2024 | 11:23:15 | 0.003 |
| 9/10/2024 | 11:38:15 | 0.003 |
| 9/10/2024 | 11:53:15 | 0.003 |
| 9/10/2024 | 12:08:15 | 0.016 |
| 9/10/2024 | 12:23:15 | 0.006 |
| 9/10/2024 | 12:38:15 | 0.003 |
| 9/10/2024 | 12:53:15 | 0.004 |
| 9/10/2024 | 13:08:15 | 0.012 |
| 9/10/2024 | 13:23:15 | 0.014 |
| 9/10/2024 | 13:38:15 | 0.006 |
| 9/10/2024 | 13:53:15 | 0.005 |
| 9/10/2024 | 14:08:15 | 0.008 |
| 9/10/2024 | 14:23:15 | 0.009 |
| 9/10/2024 | 14:38:15 | 0.005 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 032 |
| Test Abbreviation: | MANUAL_032 |
| Start Date: | 9/11/2024 |
| Start Time: | 8:16:55 |
| Duration (dd:hh:mm:ss): | 0:05:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 23 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.009 |
| | Minimum: | 0.004 |
| | Time of Minimum: | 14:01:55 |
| | Date of Minimum: | 9/11/2024 |
| | Maximum: | 0.014 |
| | Time of Maximum: | 13:01:55 |
| | Date of Maximum: | 9/11/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/11/2024 | 8:31:55 | 0.01 |
| 9/11/2024 | 8:46:55 | 0.01 |
| 9/11/2024 | 9:01:55 | 0.012 |
| 9/11/2024 | 9:16:55 | 0.011 |
| 9/11/2024 | 9:31:55 | 0.009 |
| 9/11/2024 | 9:46:55 | 0.01 |
| 9/11/2024 | 10:01:55 | 0.011 |
| 9/11/2024 | 10:16:55 | 0.011 |
| 9/11/2024 | 10:31:55 | 0.01 |
| 9/11/2024 | 10:46:55 | 0.009 |
| 9/11/2024 | 11:01:55 | 0.009 |
| 9/11/2024 | 11:16:55 | 0.009 |
| 9/11/2024 | 11:31:55 | 0.009 |
| 9/11/2024 | 11:46:55 | 0.009 |
| 9/11/2024 | 12:01:55 | 0.01 |
| 9/11/2024 | 12:16:55 | 0.01 |
| 9/11/2024 | 12:31:55 | 0.01 |
| 9/11/2024 | 12:46:55 | 0.009 |
| 9/11/2024 | 13:01:55 | 0.014 |
| 9/11/2024 | 13:16:55 | 0.007 |
| 9/11/2024 | 13:31:55 | 0.006 |
| 9/11/2024 | 13:46:55 | 0.005 |
| 9/11/2024 | 14:01:55 | 0.004 |

**Bisonite Paint Co,**
**CAMP Data: PID – DOWN WIND**
**September 9 – 11, 2024**

24/09/09 08:40

**********

Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000 +(PGM-7320) |
| Unit SN | 592-927537 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |

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| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 9/9/2024 8:40 |
| End | 9/9/2024 9:26 |
| Sample Period(s) | 900 |
| Number of Records | 3 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030449W3 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:09 |
| Peak | 0 |
| Min | 0 |
| Average | 0 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 1 | 9/9/2024 8:55 | 0 | 0 | 0 |
| 2 | 9/9/2024 9:10 | 0 | 0 | 0 |

| | | | | | |
|---|---|---|---|---|---|
| | 3 | 9/9/2024 9:25 | 0 | 0.3 | 0 |
| Peak | | | 0 | 0.3 | 0 |
| Min | | | 0 | 0 | 0 |
| Average | | | 0 | 0.1 | 0 |

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TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 1 | 9/9/2024 8:55 | 0 | 0 |
| 2 | 9/9/2024 9:10 | 0 | 0 |
| 3 | 9/9/2024 9:25 | 0 | 0 |

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24/09/09 10:46

**********

Summary

---

| | |
|---|---|
| Unit Name | MiniRAE 3000 +(PGM-7320) |
| Unit SN | 592-927537 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |

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| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 9/9/2024 10:46 |
| End | 9/9/2024 10:57 |
| Sample Period(s) | 900 |
| Number of Records | 0 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030449W3 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:09 |

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Datalog

0 record.

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24/09/10 08:20

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000 +(PGM-7320) |
| Unit SN | 592-927537 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

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| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 9/10/2024 8:20 |
| End | 9/10/2024 15:05 |
| Sample Period(s) | 900 |
| Number of Records | 26 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030449W3 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:09 |
| Peak | 0.3 |
| Min | 0 |
| Average | 0.2 |

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Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 1 | 9/10/2024 8:35 | 0 | 0 | 0 |

| | | | | |
|---|---|---|---|---|
| 2 | 9/10/2024 8:50 | 0 | 0 | 0 |
| 3 | 9/10/2024 9:05 | 0 | 0 | 0 |
| 4 | 9/10/2024 9:20 | 0 | 0 | 0 |
| 5 | 9/10/2024 9:35 | 0 | 0.1 | 0.1 |
| 6 | 9/10/2024 9:50 | 0.1 | 0.1 | 0.1 |
| 7 | 9/10/2024 10:05 | 0.1 | 0.2 | 0.2 |
| 8 | 9/10/2024 10:20 | 0.2 | 0.2 | 0.2 |
| 9 | 9/10/2024 10:35 | 0.2 | 0.2 | 0.2 |
| 10 | 9/10/2024 10:50 | 0.3 | 0.3 | 0.3 |
| 11 | 9/10/2024 11:05 | 0.3 | 0.3 | 0.3 |
| 12 | 9/10/2024 11:20 | 0.3 | 0.3 | 0.3 |
| 13 | 9/10/2024 11:35 | 0.3 | 0.3 | 0.3 |
| 14 | 9/10/2024 11:50 | 0.3 | 0.3 | 0.3 |
| 15 | 9/10/2024 12:05 | 0.3 | 0.3 | 0.3 |
| 16 | 9/10/2024 12:20 | 0.3 | 0.3 | 0.3 |
| 17 | 9/10/2024 12:35 | 0.3 | 0.3 | 0.3 |
| 18 | 9/10/2024 12:50 | 0.3 | 0.3 | 0.3 |
| 19 | 9/10/2024 13:05 | 0.3 | 0.3 | 0.3 |
| 20 | 9/10/2024 13:20 | 0.3 | 0.3 | 0.3 |
| 21 | 9/10/2024 13:35 | 0.3 | 0.3 | 0.2 |
| 22 | 9/10/2024 13:50 | 0.2 | 0.2 | 0.2 |
| 23 | 9/10/2024 14:05 | 0.2 | 0.2 | 0.2 |
| 24 | 9/10/2024 14:20 | 0.2 | 0.2 | 0.2 |
| 25 | 9/10/2024 14:35 | 0.2 | 0.2 | 0.2 |
| 26 | 9/10/2024 14:50 | 0.2 | 0.2 | 0.2 |
| Peak | | 0.3 | 0.3 | 0.3 |
| Min | | 0 | 0 | 0 |
| Average | | 0.2 | 0.2 | 0.2 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 1 | 9/10/2024 8:35 | 0 | 0 |
| 2 | 9/10/2024 8:50 | 0 | 0 |
| 3 | 9/10/2024 9:05 | 0 | 0 |
| 4 | 9/10/2024 9:20 | 0 | 0 |
| 5 | 9/10/2024 9:35 | 0 | 0.1 |
| 6 | 9/10/2024 9:50 | 0 | 0.2 |
| 7 | 9/10/2024 10:05 | 0 | 0.3 |
| 8 | 9/10/2024 10:20 | 0 | 0.4 |
| 9 | 9/10/2024 10:35 | 0 | 0.4 |
| 10 | 9/10/2024 10:50 | 0 | 0.5 |
| 11 | 9/10/2024 11:05 | 0 | 0.6 |
| 12 | 9/10/2024 11:20 | 0.1 | 0.6 |
| 13 | 9/10/2024 11:35 | 0.1 | 0.6 |
| 14 | 9/10/2024 11:50 | 0.1 | 0.6 |

| | | | |
|---|---|---|---|
| 15 | 9/10/2024 12:05 | 0.1 | 0.6 |
| 16 | 9/10/2024 12:20 | 0.1 | 0.6 |
| 17 | 9/10/2024 12:35 | 0.1 | 0.6 |
| 18 | 9/10/2024 12:50 | 0.1 | 0.6 |
| 19 | 9/10/2024 13:05 | 0.1 | 0.6 |
| 20 | 9/10/2024 13:20 | 0.1 | 0.6 |
| 21 | 9/10/2024 13:35 | 0.1 | 0.5 |
| 22 | 9/10/2024 13:50 | 0.1 | 0.4 |
| 23 | 9/10/2024 14:05 | 0.1 | 0.4 |
| 24 | 9/10/2024 14:20 | 0.2 | 0.4 |
| 25 | 9/10/2024 14:35 | 0.2 | 0.4 |
| 26 | 9/10/2024 14:50 | 0.2 | 0.4 |

Bisonite Paint Co,
CAMP Data: Dustrak II - Down Wind
October 9 - 10, 2024

# Test 001

| Instrument | | Data Properties | |
|---|---|---|---|
| Model | DustTrak II | Start Date | 10/09/2024 |
| Instrument S/N | 8530130715 | Start Time | 07:35:07 |
| | | Stop Date | 10/09/2024 |
| | | Stop Time | 14:35:07 |
| | | Total Time | 0:07:00:00 |
| | | Logging Interval | 900 seconds |

| Statistics | |
|---|---|
| | **AEROSOL** |
| Avg | 0.011 mg/m^3 |
| Max | 0.025 mg/m^3 |
| Max Date | 10/09/2024 |
| Max Time | 12:20:07 |
| Min | 0.004 mg/m^3 |
| Min Date | 10/09/2024 |
| Min Time | 08:50:07 |
| TWA (8 hr) | 0.009 |
| TWA Start Date | 10/09/2024 |
| TWA Start Time | 07:35:07 |
| TWA End Time | 14:35:07 |

| Test Data | | | |
|---|---|---|---|
| **Data Point** | **Date** | **Time** | **AEROSOL mg/m^3** |
| 1 | 10/09/2024 | 07:50:07 | 0.006 |
| 2 | 10/09/2024 | 08:05:07 | 0.007 |
| 3 | 10/09/2024 | 08:20:07 | 0.020 |
| 4 | 10/09/2024 | 08:35:07 | 0.006 |
| 5 | 10/09/2024 | 08:50:07 | 0.004 |
| 6 | 10/09/2024 | 09:05:07 | 0.005 |
| 7 | 10/09/2024 | 09:20:07 | 0.011 |
| 8 | 10/09/2024 | 09:35:07 | 0.011 |
| 9 | 10/09/2024 | 09:50:07 | 0.004 |
| 10 | 10/09/2024 | 10:05:07 | 0.004 |
| 11 | 10/09/2024 | 10:20:07 | 0.007 |
| 12 | 10/09/2024 | 10:35:07 | 0.011 |
| 13 | 10/09/2024 | 10:50:07 | 0.008 |
| 14 | 10/09/2024 | 11:05:07 | 0.009 |
| 15 | 10/09/2024 | 11:20:07 | 0.012 |
| 16 | 10/09/2024 | 11:35:07 | 0.011 |
| 17 | 10/09/2024 | 11:50:07 | 0.013 |
| 18 | 10/09/2024 | 12:05:07 | 0.017 |
| 19 | 10/09/2024 | 12:20:07 | 0.025 |
| 20 | 10/09/2024 | 12:35:07 | 0.014 |
| 21 | 10/09/2024 | 12:50:07 | 0.012 |

| Test Data | | | |
|---|---|---|---|
| **Data Point** | **Date** | **Time** | **AEROSOL mg/m^3** |
| 22 | 10/09/2024 | 13:05:07 | 0.009 |
| 23 | 10/09/2024 | 13:20:07 | 0.011 |
| 24 | 10/09/2024 | 13:35:07 | 0.012 |
| 25 | 10/09/2024 | 13:50:07 | 0.012 |
| 26 | 10/09/2024 | 14:05:07 | 0.017 |
| 27 | 10/09/2024 | 14:20:07 | 0.009 |
| 28 | 10/09/2024 | 14:35:07 | 0.009 |

# Test 002

| Instrument | | Data Properties | |
|---|---|---|---|
| Model | DustTrak II | Start Date | 10/10/2024 |
| Instrument S/N | 8530130715 | Start Time | 07:43:39 |
| | | Stop Date | 10/10/2024 |
| | | Stop Time | 14:58:39 |
| | | Total Time | 0:07:15:00 |
| | | Logging Interval | 900 seconds |

| Statistics | |
|---|---|
| | **AEROSOL** |
| Avg | 0.013 mg/m^3 |
| Max | 0.083 mg/m^3 |
| Max Date | 10/10/2024 |
| Max Time | 14:43:39 |
| Min | 0.000 mg/m^3 |
| Min Date | 10/10/2024 |
| Min Time | 08:43:39 |
| TWA (8 hr) | 0.012 |
| TWA Start Date | 10/10/2024 |
| TWA Start Time | 07:43:39 |
| TWA End Time | 14:58:39 |

| Test Data | | | |
|---|---|---|---|
| **Data Point** | **Date** | **Time** | **AEROSOL mg/m^3** |
| 1 | 10/10/2024 | 07:58:39 | 0.002 |
| 2 | 10/10/2024 | 08:13:39 | 0.007 |
| 3 | 10/10/2024 | 08:28:39 | 0.006 |
| 4 | 10/10/2024 | 08:43:39 | 0.000 |
| 5 | 10/10/2024 | 08:58:39 | 0.008 |
| 6 | 10/10/2024 | 09:13:39 | 0.006 |
| 7 | 10/10/2024 | 09:28:39 | 0.024 |
| 8 | 10/10/2024 | 09:43:39 | 0.013 |
| 9 | 10/10/2024 | 09:58:39 | 0.004 |
| 10 | 10/10/2024 | 10:13:39 | 0.004 |
| 11 | 10/10/2024 | 10:28:39 | 0.005 |
| 12 | 10/10/2024 | 10:43:39 | 0.004 |
| 13 | 10/10/2024 | 10:58:39 | 0.021 |
| 14 | 10/10/2024 | 11:13:39 | 0.028 |
| 15 | 10/10/2024 | 11:28:39 | 0.005 |
| 16 | 10/10/2024 | 11:43:39 | 0.011 |
| 17 | 10/10/2024 | 11:58:39 | 0.019 |
| 18 | 10/10/2024 | 12:13:39 | 0.005 |
| 19 | 10/10/2024 | 12:28:39 | 0.006 |
| 20 | 10/10/2024 | 12:43:39 | 0.013 |
| 21 | 10/10/2024 | 12:58:39 | 0.006 |

| Test Data | | | |
|---|---|---|---|
| **Data Point** | **Date** | **Time** | **AEROSOL mg/m^3** |
| 22 | 10/10/2024 | 13:13:39 | 0.005 |
| 23 | 10/10/2024 | 13:28:39 | 0.006 |
| 24 | 10/10/2024 | 13:43:39 | 0.010 |
| 25 | 10/10/2024 | 13:58:39 | 0.017 |
| 26 | 10/10/2024 | 14:13:39 | 0.008 |
| 27 | 10/10/2024 | 14:28:39 | 0.012 |
| 28 | 10/10/2024 | 14:43:39 | 0.083 |
| 29 | 10/10/2024 | 14:58:39 | 0.049 |

Bisonite Paint Co,
CAMP Data: DustTrak II - UPWIND
October 9 - 10, 2024

# Test 001

| Instrument | | Data Properties | |
|---|---|---|---|
| Model | DustTrak II | Start Date | 10/09/2024 |
| Instrument S/N | 8530133704 | Start Time | 07:44:35 |
| | | Stop Date | 10/09/2024 |
| | | Stop Time | 14:29:35 |
| | | Total Time | 0:06:45:00 |
| | | Logging Interval | 900 seconds |

| Test Data | | | |
|---|---|---|---|
| **Data Point** | **Date** | **Time** | **AEROSOL mg/m^3** |
| 1 | 10/09/2024 | 07:59:35 | 0.008 |
| 2 | 10/09/2024 | 08:14:35 | 0.009 |
| 3 | 10/09/2024 | 08:29:35 | 0.008 |
| 4 | 10/09/2024 | 08:44:35 | 0.006 |
| 5 | 10/09/2024 | 08:59:35 | 0.006 |
| 6 | 10/09/2024 | 09:14:35 | 0.006 |
| 7 | 10/09/2024 | 09:29:35 | 0.005 |
| 8 | 10/09/2024 | 09:44:35 | 0.006 |
| 9 | 10/09/2024 | 09:59:35 | 0.006 |
| 10 | 10/09/2024 | 10:14:35 | 0.005 |
| 11 | 10/09/2024 | 10:29:35 | 0.006 |
| 12 | 10/09/2024 | 10:44:35 | 0.006 |
| 13 | 10/09/2024 | 10:59:35 | 0.006 |
| 14 | 10/09/2024 | 11:14:35 | 0.006 |
| 15 | 10/09/2024 | 11:29:35 | 0.006 |
| 16 | 10/09/2024 | 11:44:35 | 0.006 |
| 17 | 10/09/2024 | 11:59:35 | 0.006 |
| 18 | 10/09/2024 | 12:14:35 | 0.006 |
| 19 | 10/09/2024 | 12:29:35 | 0.006 |
| 20 | 10/09/2024 | 12:44:35 | 0.007 |
| 21 | 10/09/2024 | 12:59:35 | 0.006 |
| 22 | 10/09/2024 | 13:14:35 | 0.007 |
| 23 | 10/09/2024 | 13:29:35 | 0.008 |
| 24 | 10/09/2024 | 13:44:35 | 0.008 |
| 25 | 10/09/2024 | 13:59:35 | 0.007 |
| 26 | 10/09/2024 | 14:14:35 | 0.006 |
| 27 | 10/09/2024 | 14:29:35 | 0.006 |

# Test 002

| Instrument | | Data Properties | |
|---|---|---|---|
| Model | DustTrak II | Start Date | 10/10/2024 |
| Instrument S/N | 8530133704 | Start Time | 07:41:39 |
| | | Stop Date | 10/10/2024 |
| | | Stop Time | 14:56:39 |
| | | Total Time | 0:07:15:00 |
| | | Logging Interval | 900 seconds |

| Statistics | |
|---|---|
| | **AEROSOL** |
| Avg | 0.014 mg/m^3 |
| Max | 0.052 mg/m^3 |
| Max Date | 10/10/2024 |
| Max Time | 09:56:39 |
| Min | 0.000 mg/m^3 |
| Min Date | 10/10/2024 |
| Min Time | 08:11:39 |
| TWA (8 hr) | 0.013 |
| TWA Start Date | 10/10/2024 |
| TWA Start Time | 07:41:39 |
| TWA End Time | 14:56:39 |

| Test Data | | | |
|---|---|---|---|
| **Data Point** | **Date** | **Time** | **AEROSOL mg/m^3** |
| 1 | 10/10/2024 | 07:56:39 | 0.002 |
| 2 | 10/10/2024 | 08:11:39 | 0.000 |
| 3 | 10/10/2024 | 08:26:39 | 0.000 |
| 4 | 10/10/2024 | 08:41:39 | 0.001 |
| 5 | 10/10/2024 | 08:56:39 | 0.001 |
| 6 | 10/10/2024 | 09:11:39 | 0.004 |
| 7 | 10/10/2024 | 09:26:39 | 0.009 |
| 8 | 10/10/2024 | 09:41:39 | 0.011 |
| 9 | 10/10/2024 | 09:56:39 | 0.052 |
| 10 | 10/10/2024 | 10:11:39 | 0.020 |
| 11 | 10/10/2024 | 10:26:39 | 0.007 |
| 12 | 10/10/2024 | 10:41:39 | 0.010 |
| 13 | 10/10/2024 | 10:56:39 | 0.012 |
| 14 | 10/10/2024 | 11:11:39 | 0.041 |
| 15 | 10/10/2024 | 11:26:39 | 0.008 |
| 16 | 10/10/2024 | 11:41:39 | 0.036 |
| 17 | 10/10/2024 | 11:56:39 | 0.028 |
| 18 | 10/10/2024 | 12:11:39 | 0.010 |
| 19 | 10/10/2024 | 12:26:39 | 0.014 |
| 20 | 10/10/2024 | 12:41:39 | 0.027 |
| 21 | 10/10/2024 | 12:56:39 | 0.013 |

| Test Data | | | |
|---|---|---|---|
| **Data Point** | **Date** | **Time** | **AEROSOL mg/m^3** |
| 22 | 10/10/2024 | 13:11:39 | 0.005 |
| 23 | 10/10/2024 | 13:26:39 | 0.021 |
| 24 | 10/10/2024 | 13:41:39 | 0.008 |
| 25 | 10/10/2024 | 13:56:39 | 0.008 |
| 26 | 10/10/2024 | 14:11:39 | 0.015 |
| 27 | 10/10/2024 | 14:26:39 | 0.011 |
| 28 | 10/10/2024 | 14:41:39 | 0.017 |
| 29 | 10/10/2024 | 14:56:39 | 0.025 |

# Bisonite Paint Co,
# CAMP Data: PID - DOWN WIND
# October 9 - 10, 2024

24/10/09 07:37

Summary

Unit Name MiniRAE 3000 +(PGM-7320)
Unit SN 592-912377
Unit Firmware Ver V2.22A
---
Running Mode Search Mode
Datalog Mode Auto
Diagnostic Mode No
Stop Reason Power Down

Site ID 12345679
User ID 12345678
---
Begin 10/9/2024 07:37:09
End 10/9/2024 14:38:34
Sample Period(s) 900
Number of Records 28
---
Sensor PID(ppm)
Sensor SN S023030151AA
Measure Type Avg; Max; Real
Span 100.0
Span 2 1000.0
Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 25.0
TWA Alarm 10.0
Measurement Gas Isobutylene
Calibration Time 10/8/2024 08:53
Peak 6.7
Min 0.4
Average 1.3

**********
Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 10/9/2024 07:52:09 | 1.9 | 11.9 | 0.9 |
| 002 | 10/9/2024 08:07:09 | 2.6 | 10.0 | 1.9 |
| 003 | 10/9/2024 08:22:09 | 1.9 | 7.6 | 2.9 |
| 004 | 10/9/2024 08:37:09 | 2.4 | 7.4 | 1.0 |
| 005 | 10/9/2024 08:52:09 | 1.2 | 7.7 | 1.1 |
| 006 | 10/9/2024 09:07:09 | 2.0 | 15.7 | 1.0 |
| 007 | 10/9/2024 09:22:09 | 9.2 | 53.0 | 6.7 |
| 008 | 10/9/2024 09:37:09 | 4.7 | 14.2 | 2.2 |

| | | | | | |
|---|---|---|---|---|---|
| 009 | 10/9/2024 09:52:09 | | 3.2 | 12.3 | 2.3 |
| 010 | 10/9/2024 10:07:09 | | 1.7 | 8.6 | 1.8 |
| 011 | 10/9/2024 10:22:09 | | 1.2 | 7.8 | 1.5 |
| 012 | 10/9/2024 10:37:09 | | 1.4 | 3.7 | 0.8 |
| 013 | 10/9/2024 10:52:09 | | 1.0 | 2.3 | 1.0 |
| 014 | 10/9/2024 11:07:09 | | 1.0 | 2.7 | 1.3 |
| 015 | 10/9/2024 11:22:09 | | 2.4 | 14.6 | 1.6 |
| 016 | 10/9/2024 11:37:09 | | 2.0 | 24.2 | 1.5 |
| 017 | 10/9/2024 11:52:09 | | 1.6 | 12.8 | 0.9 |
| 018 | 10/9/2024 12:07:09 | | 0.9 | 3.4 | 0.6 |
| 019 | 10/9/2024 12:22:09 | | 0.7 | 2.8 | 0.6 |
| 020 | 10/9/2024 12:37:09 | | 0.8 | 2.2 | 0.6 |
| 021 | 10/9/2024 12:52:09 | | 0.7 | 1.8 | 0.5 |
| 022 | 10/9/2024 13:07:09 | | 0.6 | 1.3 | 0.7 |
| 023 | 10/9/2024 13:22:09 | | 0.6 | 1.3 | 0.7 |
| 024 | 10/9/2024 13:37:09 | | 0.5 | 0.9 | 0.6 |
| 025 | 10/9/2024 13:52:09 | | 0.4 | 1.1 | 0.4 |
| 026 | 10/9/2024 14:07:09 | | 0.4 | 0.9 | 0.4 |
| 027 | 10/9/2024 14:22:09 | | 0.4 | 2.3 | 1.4 |
| 028 | 10/9/2024 14:37:09 | | 0.4 | 1.3 | 0.4 |
| Peak | | 9.2 | 53.0 | 6.7 | |
| Min | | 0.4 | 0.9 | 0.4 | |
| Average | | 1.7 | 8.4 | 1.3 | |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 10/9/2024 07:52:09 | 0.0 | 0.9 |
| 002 | 10/9/2024 08:07:09 | 0.1 | 2.8 |
| 003 | 10/9/2024 08:22:09 | 0.2 | 4.8 |
| 004 | 10/9/2024 08:37:09 | 0.2 | 3.9 |
| 005 | 10/9/2024 08:52:09 | 0.2 | 2.1 |
| 006 | 10/9/2024 09:07:09 | 0.3 | 2.1 |
| 007 | 10/9/2024 09:22:09 | 0.5 | 7.7 |
| 008 | 10/9/2024 09:37:09 | 0.6 | 8.9 |
| 009 | 10/9/2024 09:52:09 | 0.6 | 4.5 |
| 010 | 10/9/2024 10:07:09 | 0.7 | 4.1 |
| 011 | 10/9/2024 10:22:09 | 0.7 | 3.3 |
| 012 | 10/9/2024 10:37:09 | 0.8 | 2.3 |
| 013 | 10/9/2024 10:52:09 | 0.8 | 1.8 |
| 014 | 10/9/2024 11:07:09 | 0.8 | 2.3 |
| 015 | 10/9/2024 11:22:09 | 0.9 | 2.9 |
| 016 | 10/9/2024 11:37:09 | 0.9 | 3.1 |
| 017 | 10/9/2024 11:52:09 | 1.0 | 2.4 |
| 018 | 10/9/2024 12:07:09 | 1.0 | 1.5 |
| 019 | 10/9/2024 12:22:09 | 1.0 | 1.2 |
| 020 | 10/9/2024 12:37:09 | 1.0 | 1.2 |
| 021 | 10/9/2024 12:52:09 | 1.0 | 1.1 |
| 022 | 10/9/2024 13:07:09 | 1.0 | 1.2 |

| | | | |
|---|---|---|---|
| 023 | 10/9/2024 13:22:09 | 1.1 | 1.4 |
| 024 | 10/9/2024 13:37:09 | 1.1 | 1.3 |
| 025 | 10/9/2024 13:52:09 | 1.1 | 1.0 |
| 026 | 10/9/2024 14:07:09 | 1.1 | 0.8 |
| 027 | 10/9/2024 14:22:09 | 1.2 | 1.8 |
| 028 | 10/9/2024 14:37:09 | 1.2 | 1.8 |

24/10/10 07:48

Summary

| | |
|---|---|
| Unit Name | MiniRAE 3000 +(PGM-7320) |
| Unit SN | 592-912377 |
| Unit Firmware Ver | V2.22A |
| Running Mode | Search Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |
| Site ID | 12345680 |
| User ID | 12345678 |
| Begin | 10/10/2024 07:48:10 |
| End | 10/10/2024 12:52:51 |
| Sample Period(s) | 900 |
| Number of Records | 20 |
| Sensor | PID(ppm) |
| Sensor SN | S023030151AA |
| Measure Type | Avg; Max; Real |
| Span | 100.0 |
| Span 2 | 1000.0 |
| Low Alarm | 50.0 |
| High Alarm | 100.0 |
| Over Alarm | 15000.0 |
| STEL Alarm | 25.0 |
| TWA Alarm | 10.0 |
| Measurement Gas | Isobutylene |
| Calibration Time | 10/8/2024 08:53 |
| Peak | 11.9 |
| Min | 0.1 |
| Average | 2.5 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 10/10/2024 08:03:10 | 0.0 | 0.1 | 0.1 |
| 002 | 10/10/2024 08:18:10 | 0.1 | 0.2 | 0.2 |
| 003 | 10/10/2024 08:33:10 | 0.2 | 0.2 | 0.2 |
| 004 | 10/10/2024 08:48:10 | 0.3 | 0.5 | 0.3 |
| 005 | 10/10/2024 09:03:10 | 0.3 | 0.8 | 0.3 |
| 006 | 10/10/2024 09:18:10 | 0.3 | 0.5 | 0.3 |
| 007 | 10/10/2024 09:33:10 | 0.4 | 2.1 | 0.3 |
| 008 | 10/10/2024 09:48:10 | 0.7 | 2.5 | 2.2 |

| | | | | | |
|---|---|---|---|---|---|
| 009 | 10/10/2024 | 10:03:10 | 1.2 | 2.3 | 0.9 |
| 010 | 10/10/2024 | 10:18:10 | 0.9 | 1.5 | 1.1 |
| 011 | 10/10/2024 | 10:33:10 | 1.2 | 7.3 | 5.7 |
| 012 | 10/10/2024 | 10:48:10 | 11.4 | 59.4 | 8.8 |
| 013 | 10/10/2024 | 11:03:10 | 13.7 | 35.3 | 9.8 |
| 014 | 10/10/2024 | 11:18:10 | 9.7 | 21.8 | 11.9 |
| 015 | 10/10/2024 | 11:33:10 | 4.3 | 14.4 | 1.6 |
| 016 | 10/10/2024 | 11:48:10 | 1.9 | 3.2 | 2.3 |
| 017 | 10/10/2024 | 12:03:10 | 1.9 | 3.1 | 1.3 |
| 018 | 10/10/2024 | 12:18:10 | 1.2 | 2.1 | 1.2 |
| 019 | 10/10/2024 | 12:33:10 | 1.2 | 2.2 | 1.0 |
| 020 | 10/10/2024 | 12:48:10 | 1.0 | 1.5 | 0.8 |
| Peak | | | 13.7 | 59.4 | 11.9 |
| Min | | | 0.0 | 0.1 | 0.1 |
| Average | | | 2.6 | 8.1 | 2.5 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 10/10/2024 08:03:10 | 0.0 | 0.1 |
| 002 | 10/10/2024 08:18:10 | 0.0 | 0.3 |
| 003 | 10/10/2024 08:33:10 | 0.0 | 0.4 |
| 004 | 10/10/2024 08:48:10 | 0.0 | 0.5 |
| 005 | 10/10/2024 09:03:10 | 0.0 | 0.6 |
| 006 | 10/10/2024 09:18:10 | 0.0 | 0.6 |
| 007 | 10/10/2024 09:33:10 | 0.1 | 0.6 |
| 008 | 10/10/2024 09:48:10 | 0.1 | 2.5 |
| 009 | 10/10/2024 10:03:10 | 0.2 | 3.1 |
| 010 | 10/10/2024 10:18:10 | 0.2 | 2.0 |
| 011 | 10/10/2024 10:33:10 | 0.4 | 6.8 |
| 012 | 10/10/2024 10:48:10 | 0.6 | 14.5 |
| 013 | 10/10/2024 11:03:10 | 0.9 | 18.6 |
| 014 | 10/10/2024 11:18:10 | 1.3 | 21.7 |
| 015 | 10/10/2024 11:33:10 | 1.4 | 13.5 |
| 016 | 10/10/2024 11:48:10 | 1.4 | 3.9 |
| 017 | 10/10/2024 12:03:10 | 1.5 | 3.6 |
| 018 | 10/10/2024 12:18:10 | 1.5 | 2.5 |
| 019 | 10/10/2024 12:33:10 | 1.5 | 2.2 |
| 020 | 10/10/2024 12:48:10 | 1.6 | 1.8 |

# APPENDIX E

# WEEKLY PROGRESS REPORTS

100.002

MARSH ENGINEERING D.P.C.
271 Marsh Road, Suite 2
Pittsford, New York 14534
(585) 248-2413

August 6, 2024

Michael Keller, EIT
New York State Department of Environmental Conservation
Division of Environmental Remediation
700 Delaware Avenue
Buffalo, New York 14209

Re: Bisonite Paint Company BCP
Site No.: C915010
Weekly Status Report
July 15 – 19, 2024

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Michael;

This weekly status report presents a summary of the site activities performed, community air monitoring conducted, and samples collected for laboratory analyses during the period from July 15 – 19, 2024.

Site Activities included:

- July 15: mobilized labor and equipment to the site, set up sedimentation controls, performed GPR survey, began clearing and grubbing vegetation along northern and western site boundaries.
- July 16: No intrusive work conducted at the site
- July 17: No intrusive work conducted at the site
- July 18: began shallow excavation along northern property boundary, direct loaded soil into trucks for offsite disposal; stone delivered for use as backfill; laid demarcation barrier; collected confirmation samples Trench-01 through Trench-10 for laboratory analyses.
- July 19: completed shallow trench along northern and western property boundaries; laid demarcation barrier, collected confirmation samples Trench-11 through Trench-17 for laboratory analyses.

Field notes that contain additional details are attached.

Community air monitoring, including volatile organic compounds ("VOCs") and particulates, was conducted consistent with the Community Air Monitoring Plan ("CAMP") during the reporting period. No exceedances of VOCs or particulates were recorded.

CAMP monitoring tables are attached.

No laboratory analytical results were received.

If you have any questions, please call us at (585) 248.2413.

Sincerely,

Bruce W. Ahrens
Senior Project Manager

Attachments:

Field Notes
Table 1 – CAMP Data – DustTrak – Upwind
Table 2 – CAMP Data – DustTrak – Downwind
Table 3 – CAMP Data – MiniRae - Downwind

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** Tonawanda-Former Bisonite | **Marsh Personnel:** E.Spirito |
| **Project Number:** 1077.003 | **Contractor:** Sessler |
| **Time Onsite:** 07:45 | **Time Offsite:** |

***Description of Activities:***

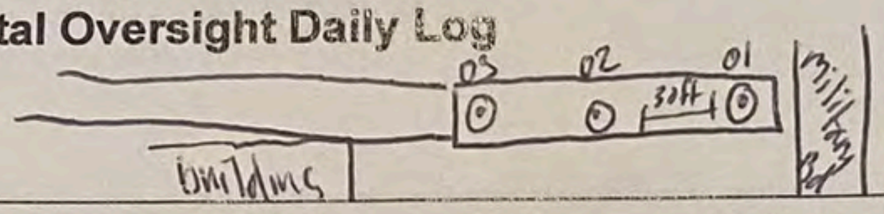
07:45 Marsh (E.Spirito) onsite. Discuss with Sessler plan for day - mobilizing equipment, plan to grub/clear vegetation in work area.
08:10 Kickoff meeting with 4 sessler workers - Go over HASP.
08:40 Begin setting up sedimentation controls - Silt fences around, snow fence area of shallow excavation and lagoon.
09:20 RAVI onsite to Perform GPR survey.
10:30 Sessler clearing vegetation along "shallow excavation" area
13:00 Thunder + lightning
13:30 Work onsite done for day. Work to begin next day.
13:35 Spirito offsite.

Signature: Emily L Spirito Date: 7/15/24

Swan trucking # 9a-953
2 trucks #

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

MARSH ENGINEERING D.P.C.




| | |
|---|---|
| **Project Name:** | **Marsh Personnel:** |
| **Project Number:** | **Contractor:** |
| **Time Onsite:** | **Time Offsite:** |
| ***Description of Activities:*** | |

07:30 Spirito (Marsh) onsite. Begin calibrating and setting up camp equipment.
08:00 Camp set up around work area - Excavation along northern section of property just south of 84 lumber - Excavation is to a depth of 1-ft bgs, direct loading into truck (Swan trucking). 2 trucks on today. Soil is medium-brown silt w/ gravel, asphalt throughout
08:20 NYSDEC onsite (Brad). Mike Keller onsite @ ~ 9:00am / offsite @ 10:10 ish.
09:30 Screening excavation trench periodically - 0ppm @ 08:30
08:40 Collect Trench-01 @ 08:40; ~~ext~~ approx 1 ft bgs.
08:40 Stone truck #1 dropped @ site for backfill.
08:55 Trench-02 collected @ 0.5-1' bgs @ 08:55
09:10 laying demarcation layer @ 1' bgs before backfilling trench w/ approved stone. Backfilling as we go approx. every 50' heading west. Trench-03. Tamping.
0935 Stone truck #2 dropped onsite.
09:50 Soil truck returns from landfill # being live loaded
10:00 Trench-03 collected @ 05-1' bgs. PID screening - 0ppm
11:41 Begin loading soil truck #3 to be transported to landfill
11:50 collect trench-04 @ 0.5-1' bgs. Screened w/ PID - 0ppm.
12:00 Trench-05 collected @ 0.5-1' bgs
13:20 Trench-06 collected @ 0.5-1' bgs
13:00 Trench-07 collected 0.5-1' bgs
13:20 Trench-08 collected @ 0.5-1' bgs
13:40 Trench-09 collected @ 0.5-1' bgs
14:00 Trench-10 collected @ 0.5-1' bgs
14:20 Done with loading trucks for day

| # of soil truckloads: |
|---|
| 1111 |

| # of stone trucks |
|---|
| 1111 |

Signature: Emily L Spirito Date: 7/18/24

lagoon

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** | **Marsh Personnel:** |
| **Project Number:** | **Contractor:** |
| **Time Onsite:** | **Time Offsite:** |

**Description of Activities:**

14:30 Encountered large root system near NW corner of property building along trench. working around roots. Backfilling excavated areas
13:40 Spirito offsite

Signature: _____ Date: 7/18/24

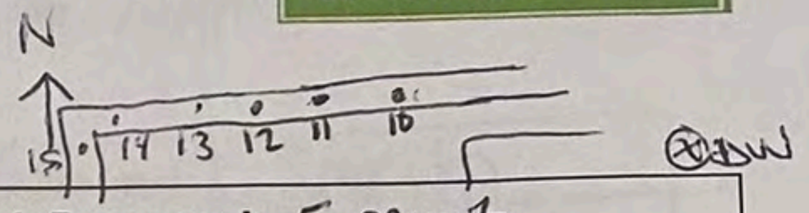
2 of 2

Stone trucks : 11

Soil trucks : 111

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily ~~Log~~**

MARSH ENGINEERING D.P.C.




| | |
|---|---|
| **Project Name:** Former Brisonite | **Marsh Personnel:** E. Spirito |
| **Project Number:** | **Contractor:** Sessler |
| **Time Onsite:** 07:15 | **Time Offsite:** |
| **Description of Activities:** * Per DEC personnel - Do not disturb root systems enough to kill tree. work around, dig shallower if necessary * | |

07:15 Spirito (marsh) onsite Sessler continuing to excavate 1' trench along Northern property boundary. Root systems inhibiting excavation to go deeper than 0.5 ft in some areas. Concrete encountered within trench, hand diggings to inspect. 1st truck of stone dropped. CAMP set up around work area.

07:40 Trench-11 (0.5) collected. Backfilling as we go.

08:30 Trench-12 (1') collected at 1' bgs

08:55 Trench-13 (1') collected at 1' bgs.

08:57 Stone truck #2 dumped

09:45 Trench-14 (1') collected @ 1' bgs

10:40 Trench-15 (1) collected @ 1' bgs

11:30 Trench-16 (1) collected @ 1' bgs

12:40 Trench-17 (1) collected @ 1' bgs

13:00 completed excavation of trenching around parking lot, backfilling remaining excavation areas.

Signature: Emily L Spirito

Date: 7/19/24

lagoon
1-2' [crusher run]
2-5 [silty clay, urban fill material] 0-5ppm
5-8' [impacts of paint, latex] 5ppm-200ppm

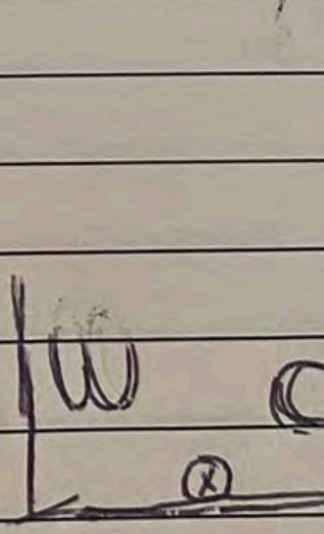
**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** Former Bisonite | **Marsh Personnel:** E. Spirito |
| **Project Number:** | **Contractor:** Sessler |
| **Time Onsite:** 07:10 | **Time Offsite:** |

**Description of Activities:**

07:10 Spirito (marsh) onsite. Work activites today include beginning excavation of former lagoon area, west of MW-4 where pavement meets vegetation.
08:00 conduct morning safety meeting
8:20 Begin excavation of former lagoon - Separate asphalt stockpile. Stockpiling non-haz and grossly haz materials by PID and visual observation etc. crusher run stone present @ 1-2' bgs, silty clay + urban fill from approximately 2-5' bgs, impacts from 5 ppm to 200ppm just above native clay. Brad (NYSDEC) onsite.
09:15 lagoon-sw-01-08 sampled at 8' bgs in clay that has no visual impacts
09:30 continue moving North to determine extent of impacts.
09:45 mike Keller (NYSDEC) onsite. Thick lacquer-type material encountered @ approx. 7' bgs in metal containers (drums?). investigating further
10:15 B. Ahrens (Marsh) onsite
10:30 more suspected drums encountered in excavation.
10:35 drum removed from excavation, set on poly
10:40 Excavation haulted until next steps are determined




pg 1 of 2

Signature: _____ Date: 7/22/24

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**
**nvi**

MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** Former Bisonite Paint | **Marsh Personnel:** E. Spirito |
| **Project Number:** | **Contractor:** Sessler |
| **Time Onsite:** | **Time Offsite:** |

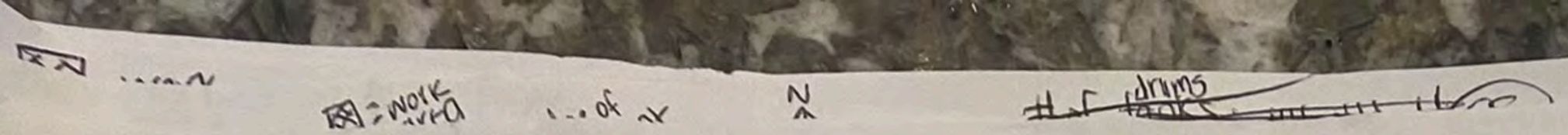
**Description of Activities:**

11:00 Sessler seeking approval from DEC to use a woodchip material to soak up liquid/laquer/paint material from excavation.
11:30 covering excavation with poly until next steps are determined. Sample of product collected - not submitted to Lab.
13:45 Spirito offsite - no more work to be done today.

Signature: Emily E Spirito

Date: 7/20/24

2 of 2



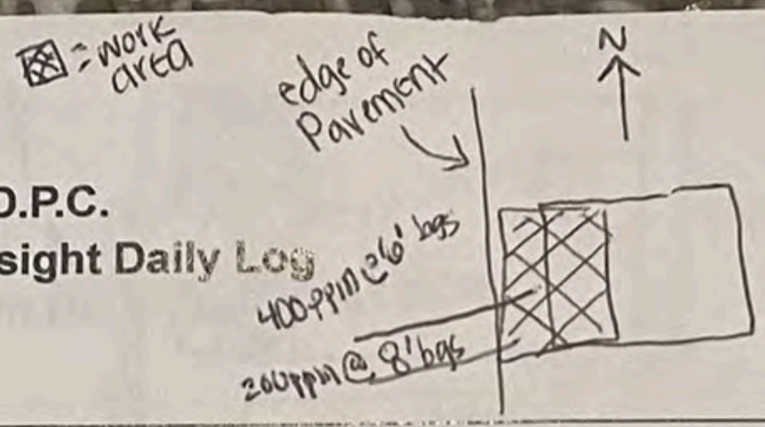

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

| | |
|---|---|
| **Project Name:** Former Bisonite paint co. | **Marsh Personnel:** E. Spirito |
| **Project Number:** 100.007 | **Contractor:** Sessler |
| **Time Onsite:** 07:15 | **Time Offsite:** |

**Description of Activities:**

07:15 Spirito (Marsh) onsite. 22 tons of sawdust imported to mix with paint product to create a "semi-solid" mix to containerize.
07:30 spoke w/ B. Ahrens - onsite activities to pause while we confirm approval to proceed work activities.
09:30 Mixing sawdust with soil to absorb liquids.
11:10 M. Keller from NYSDEC onsite - Approves placing soil/sawdust mix on haz-poly pile now that it is more "solid (non runny liquid") SFS plans to bring loader to site to transport "haz" material to pile, and use different skidsteer/bucket for "non-haz" once digging continues.
12:00 covering excavation pit and all piles with poly/ sawdust w/ tarp.
12:45 All parties offsite

Signature: Emily Spirito Date: 7/24/24







**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**
**nvir**

MARSH ENGINEERING D.P.C.

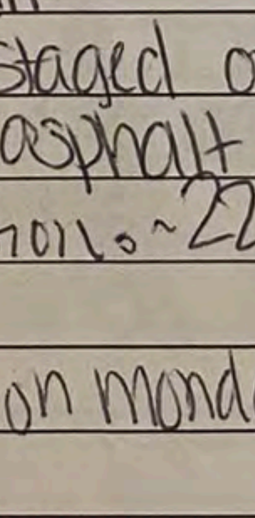
| | |
|---|---|
| **Project Name:** Former Bisonite paint Co. | **Marsh Personnel:** E. Spirito |
| **Project Number:** 100.002 | **Contractor:** Sessler |
| **Time Onsite:** 07:10 | **Time Offsite:** |

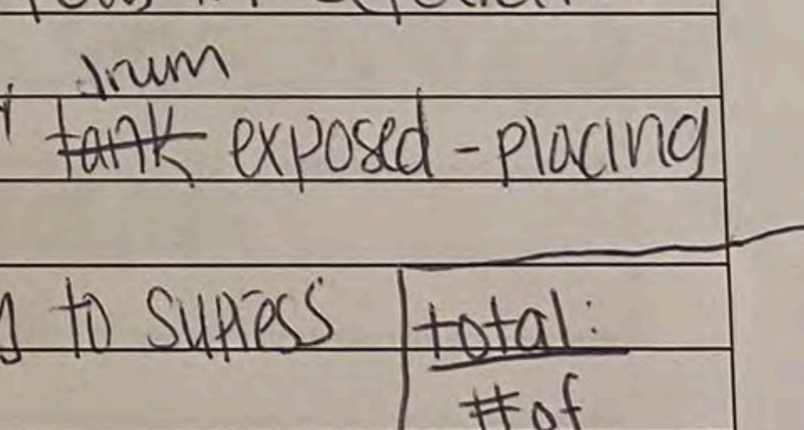
**Description of Activities:**

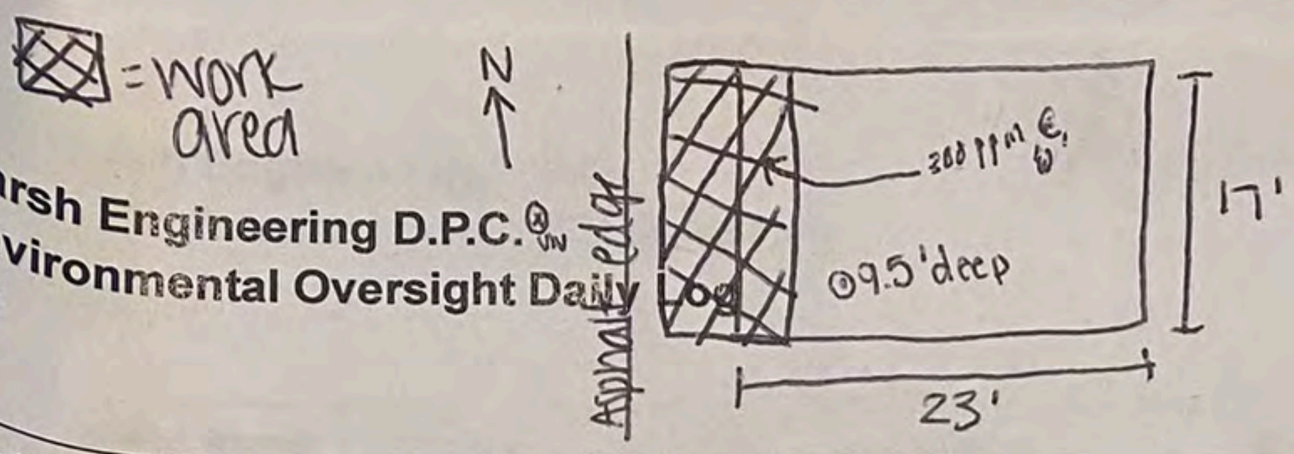
07:15 Spirito (Marsh) onsite. Sessler brings loader onsite.
08:00 Excavation activities commence - stockpiles uncovered. Screening soils w/ PID to segregate "HaZ" vs. "NON-HaZ". Working west in excavation
08:45 Breaking asphalt, stockpiling. M. Keller onsite.
09:45 mixing excavation soil w/ sawdust. Tanks and thick product
10:00 mixing in saw dust to soak up liquids
10:15 mixing in Sawdust to soak up liquids.
10:25 mixing in sawdust to excavation soils
10:40 placing more poly for "HaZ" material stockpile.
10:55 ~~drum~~ encountered in SW corner of excavation @ ~8.5' bgs. drum. white, thick paint waste encountered.
11:00 containerizing impacted soils and paint waste in HaZ waste roll off
11:30 Sawdust placed in excavation. Tank #12 uncovered, filled w/ lacquer-like product
11:45 Sawdust placed in excavation
12:50 concrete from excavation staged on poly in separate pile from other concrete/asphalt. drum
13:10 saw dust placed in excavation. ~22nd ~~tank~~ exposed - placing drums in roll off (lined).
13:20 Sessler bringing biosolve on monday to suppress odors from excavation.
13:40 encountering ~~tanks~~ @ 9' bgs
14:30 seeing signs of native soil @ ~9.5' bgs w/ ice paint
15:00 Earthwork done for day. Spirito offsite

| total: # of drums |
|---|
| 11 |

Signature: Emily L Spirito Date: 7/25/24






**Marsh Engineering D.P.C.** ⊗DW
**Environmental Oversight Daily Log**

MARSH ENGINEERING D.P.C.

⊗ DW

| | |
|---|---|
| **Project Name:** Former Bisonite paint CO. | **Marsh Personnel:** E. Spirito |
| **Project Number:** 100.002 | **Contractor:** Sessler |
| **Time Onsite:** 07:25 | **Time Offsite:** |

***Description of Activities:***

07:25 Spirito onsite
07:55 M. Keller (NYSDEC) onsite.
08:15 Begin excavating western side of excavation, Separating Asphalt, backfill stone, "non-haz" soils and "Haz" soils in to designated stock-piles. Ramp being conducted around work area.
08:35 PID readings of 300ppm @ ~10' bgs, switch to "Haz" buckets on excavator and loader. Decontaminating "non haz" excavator bucket.
08:52 thick-rubberized paint encountered @ ~ 6.5' bgs.
04:45 6" concrete pipe on western wall of excavation at approx 10' bgs
09:50 paint residue in/around pipe - dmy. NYSDEC approves cleaning up area around pipe and not excavating further west offsite - not chasing pipe. Continue excavating north along west wall of excavation after 9' is reached along western wall.
10:20 Soil sample from cement pipe collected - 0.9 ppm. PID reading inside pipe is 0.8ppm
11:30 lagoon-SW-W-07 collected @ 7' bgs
14:00 earthwork in lagoon pit done for day - sending ramp equip for data ~~for~~ download @ eco rental
14:10 Marsh offsite. ses covering stockpiles.

Signature: Emily L Spirito

Date: 7/26/24

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

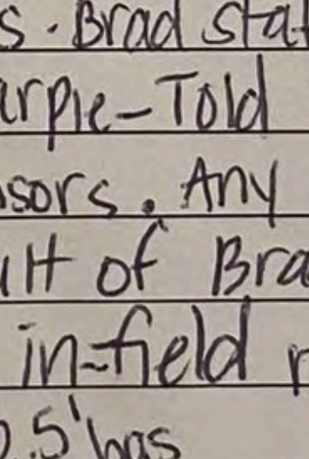
MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** Former Bisonite paint co. | **Marsh Personnel:** E. Spirito |
| **Project Number:** ~~200~~ 100.002 | **Contractor:** Sessler |
| **Time Onsite:** 07:15 | **Time Offsite:** |

***Description of Activities:***

07:15 Spirito (marsh) onsite. Set up/calibrate CAMP equipment.
08:00 Begin tearing up asphalt on northern wall, stone. soils being separated based on visual observations, PID readings, and material (paint chunks, ~~tank~~ drum presence, etc).
08:15 M. Keller from DEC onsite - stated he would like cement pipe in SW corner of excavation marked w/ gps.
08:35 some dust being generated from machines while moving asphalt and gravel - settles quick. NO CAMP exceedances as a result.
09:00 Josh + Brad (DEC) onsite.
10:50 moving CAMPS to new positions - Change in wind
10:50 direction.
↳ Brad (DEC) checking CAMPS himself - ^ states that we will show him equipment upon request, but do not want him/others touching equipment for quality assurance purposes. Brad states he has been performing "checks" on pids using a sharpie - Told him not to do this - as it can ruin the machine's sensors. Any high PID spikes since beginning of project may be a result of Brad's "checks", as we have not encountered any actual in-field reading spikes. Reported to B. Ahrens. (Marsh)
11:50 Drum encountered in NF corner @ ~2.5' bgs - removed from excavation and placed in rolloff container. Did not contain liquid/product. — #33
12:00 Break for lunch. Equipment exhaust may have caused slight PID spike - disregard
12:30 Resume work.

Signature: [signature]




Date: 7/29/24

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** Bisonite | **Marsh Personnel:** Spirito |
| **Project Number:** 100.002 | **Contractor:** Sessler |
| **Time Onsite:** 11 | **Time Offsite:** |
| ***Description of Activities:*** | |

13:15 ~~Drum~~ drum # 33 encountered on NE wall of excavation, appears to be water dripping out of it. drained and placed in roll off
13:20 matt (sessler's Safety personnel) onsite
13:45 drum # 34 in NE corner.
13:55 drum #35 in NE corner
14:30 Drum #36 in NE corner - contains thick lacquer-type material. Thick paint waste mixed into to soil - moving to roll off.
14:45 Drum #37 in NE corner - empty.
14:52 Drum #38 in NE corner
15:10 Earthwork done for day. Covering piles, filling excavation w/ 2 buckets of sawdust
15:15 Spirito offsite

Signature: Emily C Sped

Date: 7/29/24

Non haz soil truckloads for export off-site ~~:~~

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** Former Bisonit paint Co. | **Marsh Personnel:** Spirito |
| **Project Number:** 100.002 | **Contractor:** Sessler |
| **Time Onsite:** 07:20 | **Time Offsite:** |

***Description of Activities:***

07:20 Spirito onsite. 1 dumptruck being loaded w/ non-haz material for pre-approved disposal offsite at.

07:25 Sessler setting up additional stockpile area for "Haz" material pile, Set up stone berm around poly-lined stockpile ~08:00 Brad DEC onsite.

08:40 Begin excavation of north side of lagoon area, Stone, asphalt and soils being stockpiled in respective piles. Roll off with drums and grossly-contaminated materials full- moving out of work area

09:40 5-gal pail ~~Drum~~ encountered @ northern boundary, ~~drum #39~~ @ contains liquid (yellow paint)

10:15 Drum #39 & #40 in NE corner / on eastern wall.

10:20 Drum #41 on eastern wall

10: Lagoon-SW-N-7.7 collected 7.7ft bgs.

10:45 Test pit approx. 11' to the north of lagoon area dug (TP-01), no impacts or signs of paint waste encountered. Test pit terminated @ 7' bgs. saw dust pile moved to testpit area once backfilled

11:40 Excavation of lagoon continues. heading towards east

12:00 Lunch - Brad offsite

12:30 Matt (SES) and Josh (NYSDEC) onsite.

12:50 Drum #42 on east wall. Drum #43

13:00 Mixing in saw dust with ~~wet~~ wet soils.

13:30 Drum #43

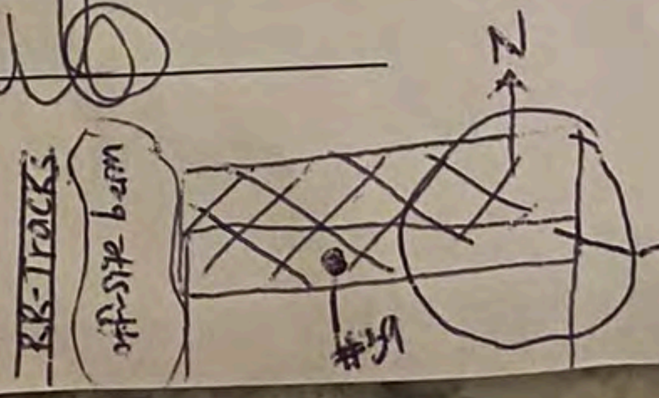
13:55 Drum #44 ~~#45~~ located ~7-8' bgs.

15:15 Earth work complete for day, placed 3 loader buckets on floor of excavation to prepare for incoming rain

15:25 Spirito offsite.

Signature: Emily Spirito

Date: 7/30/24




Bulk of drums/ Paint waste found here

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

| | |
|---|---|
| **Project Name:** Former Bisonite paint co. | **Marsh Personnel:** E. Spirito |
| **Project Number:** 100.002 | **Contractor:** Sessler |
| **Time Onsite:** 07:20 | **Time Offsite:** |

***Description of Activities:***

07:20 Spirito onsite, Sessler servicing equipment.
08:00 uncovering soil piles, scraping any additional soil off pavement.
08:25 Brad (DEC) onsite.
08:30 continue excavating soils in NE area of former lagoon.
08:40 F. Thomas begins bailing MW-4 dry in preparation for decommis
~1" layer of product on surface water of well.
09:10 Drum #46
10:00 Drums #s 47, 48, 49 & 50. Large areas of dry paint along eastern wall.
10:30 Equipment driving by DW camp station, May impact PID readings due to exhaust. Will monitor.
10:30 Spreading more poly to place "haz" materials on.
11:10 Drum #51
11:10 M. Keller (NYSDEC) onsite.
11:30 Drum #52
12:00 M. Keller offsite. Soils appear to clean up around 8-8.5' bgs in center of lagoon - 9ppm PID reading.
12:45 continue work east in lagoon excavation
14:00 Earthwork in lagoon done for day to make more room on site for stockpiles.
Spirito offsite

Emily L Spirito

Date: 7/31/24

FIGURE 1

SITE NAME: Bisonite

SITE ID.:
INSPECTOR: ES
DATE/TIME: 7/31/24
WELl ID.: MW-4

MONITORING WELL FIELD INSPECTION LOG
NYSDEC WELL DECOMMISSIONING PROGRAM

| | YES | NO |
|---|---|---|
| WELL VISIBLE? (If not, provide directions below) | X | |
| WELL I.D. VISIBLE? | | X |
| WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back) | X | |

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:

| | YES | NO |
|---|---|---|
| SURFACE SEAL PRESENT? | X | |
| SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) | X | |
| PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) | X | |

| | |
|---|---|
| HEADSPACE READING (ppm) AND INSTRUMENT USED | 411 ppm (PID) |
| TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) | Steel/curbbox |
| PROTECTIVE CASING MATERIAL TYPE: | |
| MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): | |

| | YES | NO |
|---|---|---|
| LOCK PRESENT? | | X |
| LOCK FUNCTIONAL? | | X |
| DID YOU REPLACE THE LOCK? | | X |
| IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below) | | X |
| WELL MEASURING POINT VISIBLE? | X | |

| | |
|---|---|
| MEASURE WELL DEPTH FROM MEASURING POINT (Feet): | 12.5' |
| MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): | 2.0' |
| MEASURE WELL DIAMETER (Inches): | 2" |
| WELL CASING MATERIAL: | PVC |
| PHYSICAL CONDITION OF VISIBLE WELL CASING: | Good |
| ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE | N/A |
| PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES | N/A |

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Located in paved parking lot, not in close proximity to any structures

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

on pavement in urban setting

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

- Former Bisonite paint Lagoon

REMARKS:

FIGURE 3

# WELL DECOMMISSIONING RECORD

| | |
|---|---|
| Site Name: | Well I.D.: |
| Site Location: | Driller: |
| Drilling Co.: | Inspector: |
| | Date: |

## DECOMMISSIONING DATA
(Fill in all that apply)

**OVERDRILLING**

| | |
|---|---|
| Interval Drilled | |
| Drilling Method(s) | |
| Borehole Dia. (in.) | |
| Temporary Casing Installed? (y/n) | |
| Depth temporary casing installed | |
| Casing type/dia. (in.) | |
| Method of installing | |

**CASING PULLING**

| | |
|---|---|
| Method employed | |
| Casing retrieved (feet) | |
| Casing type/dia. (in) | |

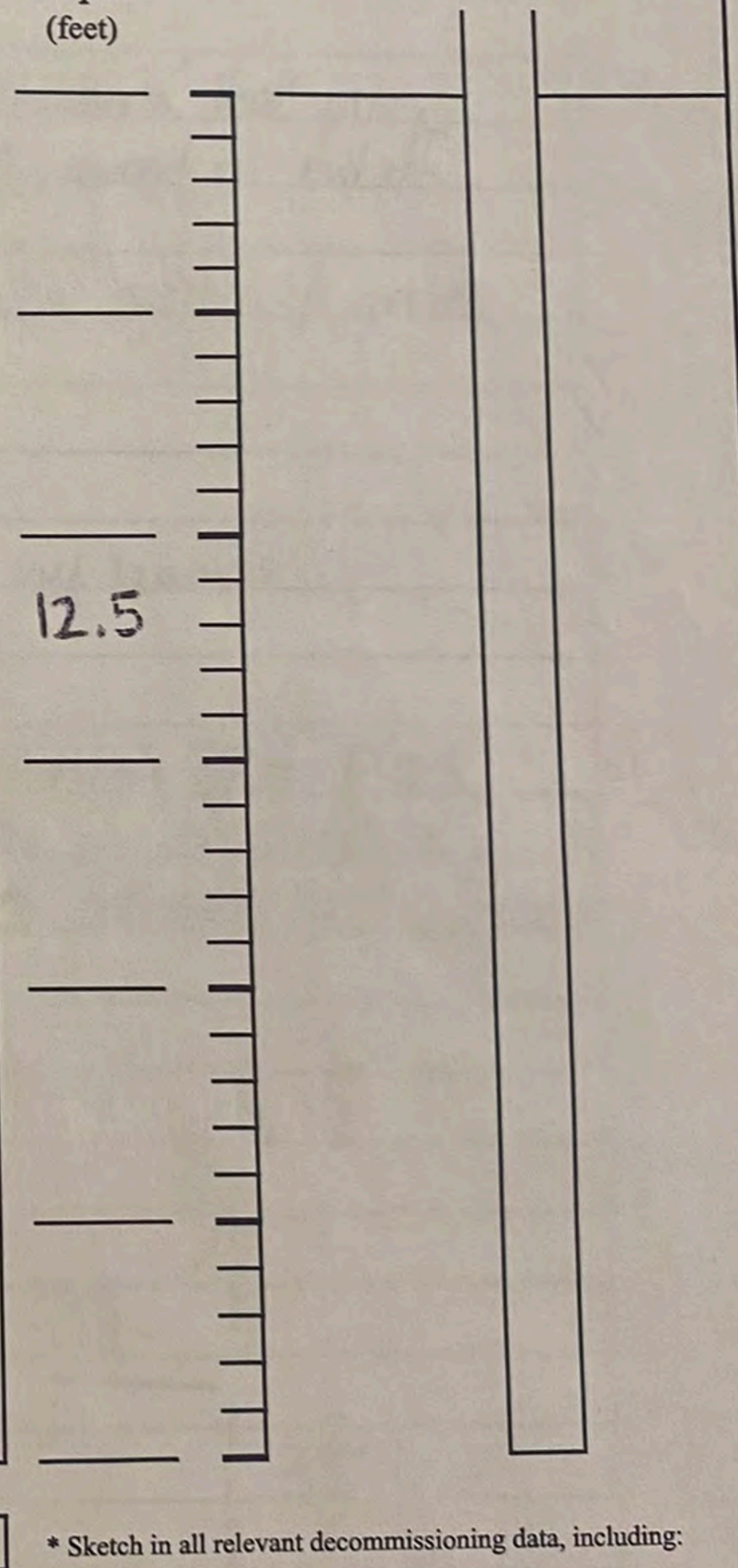
**CASING PERFORATING**

| | |
|---|---|
| Equipment used | |
| Number of perforations/foot | |
| Size of perforations | |
| Interval perforated | |

**GROUTING**

| | |
|---|---|
| Interval grouted (FBLS) | 0-12.5 'bgs |
| # of batches prepared | |
| For each batch record: | |
| Quantity of water used (gal.) | 3 gal |
| Quantity of cement used (lbs.) | 8 lbs |
| Cement type | |
| Quantity of bentonite used (lbs.) | 2 lbs |
| Quantity of calcium chloride used (lbs.) | |
| Volume of grout prepared (gal.) | |
| Volume of grout used (gal.) | |

## WELL SCHEMATIC*




| COMMENTS: |
|---|
| |
| |
| |

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Sessler
Drilling Contractor

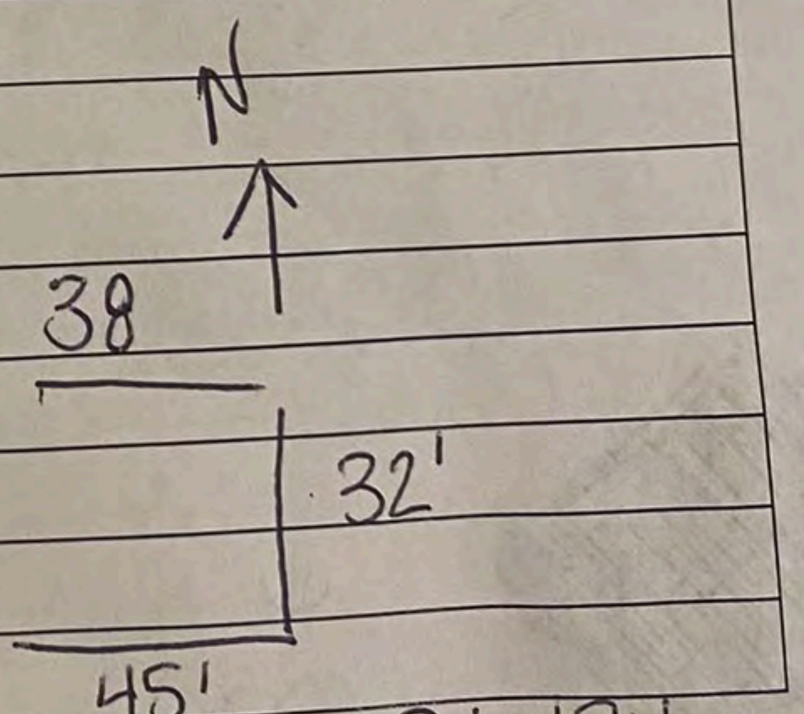
Emily Spinelo - Marsh
Department Representative

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** Bisonite | **Marsh Personnel:** Spirito |
| **Project Number:** 100.002 | **Contractor:** Sessler |
| **Time Onsite:** 07:15 | **Time Offsite:** |
| ***Description of Activities:*** | |

07:15 Spirito onsite. Sessler laying poly sheeting and a berm for additional "haz" material stockpiling. Camp set up.
08:20 Begin excavating on eastern wall of lagoon, loading to "Haz" pile.
09:15 Brad (DEC) onsite. Drum #53 encountered, placed in roll off. all metal piping placed on poly.
09:50 Sessler decommissioning MW-4, filling entire well w/ grout
10:30 Drum #54
10:40 Drum #55, #56
11:30 Drum #56, #57
13:10 Drums #58, 59, & 60 - All filled w/ liquids
13:12 Drum # 61, 62.
13:30 Matt (SES) onsite.
14:20 Scraping up base of excavation, covering soil piles. mixing water w/ Biosolve to spray in excavation; along w/ placing woodchips on base to absorb any liquids going into. weekend.
1510 All parties offsite




Signature: Emily Spirito Date: 8/1/24

**Bisonite Paint Co,**
**CAMP Data: DustTrak II - UPWIND**
**July 18 - 26, 2024**

TrakPro Version 4.70 ASCII Data File

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 001 |
| Test Abbreviation: | MANUAL_001 |
| Start Date: | 7/18/2024 |
| Start Time: | 8:01:07 |
| Duration (dd:hh:mm:ss): | 0:06:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 27 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.002 |
| | Minimum: | -0.001 |
| | Time of Minimum: | 11:01:07 |
| | Date of Minimum: | 7/18/2024 |
| | Maximum: | 0.031 |
| | Time of Maximum: | 9:46:07 |
| | Date of Maximum: | 7/18/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/18/2024 | 8:16:07 | 0.007 |
| 7/18/2024 | 8:31:07 | 0.003 |
| 7/18/2024 | 8:46:07 | 0.001 |
| 7/18/2024 | 9:01:07 | 0.001 |
| 7/18/2024 | 9:16:07 | 0 |
| 7/18/2024 | 9:31:07 | 0.002 |
| 7/18/2024 | 9:46:07 | 0.031 |
| 7/18/2024 | 10:01:07 | 0 |
| 7/18/2024 | 10:16:07 | 0 |
| 7/18/2024 | 10:31:07 | 0 |

| | | |
|---|---|---|
| 7/18/2024 | 10:46:07 | 0 |
| 7/18/2024 | 11:01:07 | -0.001 |
| 7/18/2024 | 11:16:07 | 0.002 |
| 7/18/2024 | 11:31:07 | 0.001 |
| 7/18/2024 | 11:46:07 | -0.001 |
| 7/18/2024 | 12:01:07 | -0.001 |
| 7/18/2024 | 12:16:07 | -0.001 |
| 7/18/2024 | 12:31:07 | 0 |
| 7/18/2024 | 12:46:07 | 0 |
| 7/18/2024 | 13:01:07 | 0.002 |
| 7/18/2024 | 13:16:07 | 0 |
| 7/18/2024 | 13:31:07 | 0 |
| 7/18/2024 | 13:46:07 | 0 |
| 7/18/2024 | 14:01:07 | 0 |
| 7/18/2024 | 14:16:07 | 0 |
| 7/18/2024 | 14:31:07 | 0 |
| 7/18/2024 | 14:46:07 | 0 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 002 |
| Test Abbreviation: | MANUAL_002 |
| Start Date: | 7/19/2024 |
| Start Time: | 7:25:24 |
| Duration (dd:hh:mm:ss): | 0:06:00:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 24 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.008 |
| | Minimum: | 0 |
| | Time of Minimum: | 8:25:24 |
| | Date of Minimum: | 7/19/2024 |
| | Maximum: | 0.061 |
| | Time of Maximum: | 12:10:24 |
| | Date of Maximum: | 7/19/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 4/29/2024 |

| | | |
|---|---|---|
| Date | Time | AEROSOL |

| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
|---|---|---|
| 7/19/2024 | 7:40:24 | 0.01 |
| 7/19/2024 | 7:55:24 | 0.005 |
| 7/19/2024 | 8:10:24 | 0.002 |
| 7/19/2024 | 8:25:24 | 0 |
| 7/19/2024 | 8:40:24 | 0 |
| 7/19/2024 | 8:55:24 | 0.001 |
| 7/19/2024 | 9:10:24 | 0 |
| 7/19/2024 | 9:25:24 | 0.004 |
| 7/19/2024 | 9:40:24 | 0 |
| 7/19/2024 | 9:55:24 | 0.002 |
| 7/19/2024 | 10:10:24 | 0.009 |
| 7/19/2024 | 10:25:24 | 0 |
| 7/19/2024 | 10:40:24 | 0 |
| 7/19/2024 | 10:55:24 | 0.004 |
| 7/19/2024 | 11:10:24 | 0.01 |
| 7/19/2024 | 11:25:24 | 0.048 |
| 7/19/2024 | 11:40:24 | 0.001 |
| 7/19/2024 | 11:55:24 | 0 |
| 7/19/2024 | 12:10:24 | 0.061 |
| 7/19/2024 | 12:25:24 | 0.001 |
| 7/19/2024 | 12:40:24 | 0.002 |
| 7/19/2024 | 12:55:24 | 0.025 |
| 7/19/2024 | 13:10:24 | 0.004 |
| 7/19/2024 | 13:25:24 | 0.001 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 003 |
| Test Abbreviation: | MANUAL_003 |
| Start Date: | 7/22/2024 |
| Start Time: | 8:19:35 |
| Duration (dd:hh:mm:ss): | 0:04:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 19 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.01 |
| | Minimum: | 0.004 |
| | Time of Minimum: | 11:04:35 |
| | Date of Minimum: | 7/22/2024 |

| | | |
|---|---|---|
| | Maximum: | 0.024 |
| | Time of Maximum: | 8:34:35 |
| | Date of Maximum: | 7/22/2024 |
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/22/2024 | 8:34:35 | 0.024 |
| 7/22/2024 | 8:49:35 | 0.018 |
| 7/22/2024 | 9:04:35 | 0.016 |
| 7/22/2024 | 9:19:35 | 0.015 |
| 7/22/2024 | 9:34:35 | 0.013 |
| 7/22/2024 | 9:49:35 | 0.008 |
| 7/22/2024 | 10:04:35 | 0.014 |
| 7/22/2024 | 10:19:35 | 0.009 |
| 7/22/2024 | 10:34:35 | 0.011 |
| 7/22/2024 | 10:49:35 | 0.005 |
| 7/22/2024 | 11:04:35 | 0.004 |
| 7/22/2024 | 11:19:35 | 0.004 |
| 7/22/2024 | 11:34:35 | 0.004 |
| 7/22/2024 | 11:49:35 | 0.004 |
| 7/22/2024 | 12:04:35 | 0.005 |
| 7/22/2024 | 12:19:35 | 0.01 |
| 7/22/2024 | 12:34:35 | 0.006 |
| 7/22/2024 | 12:49:35 | 0.005 |
| 7/22/2024 | 13:04:35 | 0.006 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 004 |
| Test Abbreviation: | MANUAL_004 |
| Start Date: | 7/24/2024 |
| Start Time: | 7:20:12 |
| Duration (dd:hh:mm:ss): | 0:04:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 18 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.04 |

| | |
|---|---|
| Minimum: | 0.012 |
| Time of Minimum: | 10:05:12 |
| Date of Minimum: | 7/24/2024 |
| Maximum: | 0.213 |
| Time of Maximum: | 9:05:12 |
| Date of Maximum: | 7/24/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/24/2024 | 7:35:12 | 0.033 |
| 7/24/2024 | 7:50:12 | 0.033 |
| 7/24/2024 | 8:05:12 | 0.022 |
| 7/24/2024 | 8:20:12 | 0.018 |
| 7/24/2024 | 8:35:12 | 0.016 |
| 7/24/2024 | 8:50:12 | 0.015 |
| 7/24/2024 | 9:05:12 | 0.213 |
| 7/24/2024 | 9:20:12 | 0.16 |
| 7/24/2024 | 9:35:12 | 0.081 |
| 7/24/2024 | 9:50:12 | 0.019 |
| 7/24/2024 | 10:05:12 | 0.012 |
| 7/24/2024 | 10:20:12 | 0.012 |
| 7/24/2024 | 10:35:12 | 0.012 |
| 7/24/2024 | 10:50:12 | 0.013 |
| 7/24/2024 | 11:05:12 | 0.012 |
| 7/24/2024 | 11:20:12 | 0.012 |
| 7/24/2024 | 11:35:12 | 0.016 |
| 7/24/2024 | 11:50:12 | 0.012 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 005 |
| Test Abbreviation: | MANUAL_005 |
| Start Date: | 7/25/2024 |
| Start Time: | 7:56:08 |
| Duration (dd:hh:mm:ss): | 0:04:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 19 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |

| | | |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | -0.003 |
| | Minimum: | -0.006 |
| | Time of Minimum: | 9:26:08 |
| | Date of Minimum: | 7/25/2024 |
| | Maximum: | 0.012 |
| | Time of Maximum: | 8:11:08 |
| | Date of Maximum: | 7/25/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/25/2024 | 8:11:08 | 0.012 |
| 7/25/2024 | 8:26:08 | 0 |
| 7/25/2024 | 8:41:08 | -0.004 |
| 7/25/2024 | 8:56:08 | -0.005 |
| 7/25/2024 | 9:11:08 | -0.005 |
| 7/25/2024 | 9:26:08 | -0.006 |
| 7/25/2024 | 9:41:08 | -0.005 |
| 7/25/2024 | 9:56:08 | -0.005 |
| 7/25/2024 | 10:11:08 | -0.001 |
| 7/25/2024 | 10:26:08 | -0.003 |
| 7/25/2024 | 10:41:08 | -0.004 |
| 7/25/2024 | 10:56:08 | -0.003 |
| 7/25/2024 | 11:11:08 | -0.004 |
| 7/25/2024 | 11:26:08 | -0.004 |
| 7/25/2024 | 11:41:08 | -0.005 |
| 7/25/2024 | 11:56:08 | -0.004 |
| 7/25/2024 | 12:11:08 | -0.004 |
| 7/25/2024 | 12:26:08 | -0.004 |
| 7/25/2024 | 12:41:08 | -0.004 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 006 |
| Test Abbreviation: | MANUAL_006 |
| Start Date: | 7/25/2024 |
| Start Time: | 12:44:59 |
| Duration (dd:hh:mm:ss): | 0:01:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 7 |

Notes:

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | -0.006 |
| | Minimum: | -0.007 |
| | Time of Minimum: | 13:44:59 |
| | Date of Minimum: | 7/25/2024 |
| | Maximum: | -0.004 |
| | Time of Maximum: | 13:29:59 |
| | Date of Maximum: | 7/25/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/25/2024 | 12:59:59 | -0.005 |
| 7/25/2024 | 13:14:59 | -0.005 |
| 7/25/2024 | 13:29:59 | -0.004 |
| 7/25/2024 | 13:44:59 | -0.007 |
| 7/25/2024 | 13:59:59 | -0.006 |
| 7/25/2024 | 14:14:59 | -0.006 |
| 7/25/2024 | 14:29:59 | -0.006 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 007 |
| Test Abbreviation: | MANUAL_007 |
| Start Date: | 7/26/2024 |
| Start Time: | 7:58:39 |
| Duration (dd:hh:mm:ss): | 0:05:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 23 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | -0.031 |
| | Minimum: | -0.049 |
| | Time of Minimum: | 10:43:39 |
| | Date of Minimum: | 7/26/2024 |
| | Maximum: | 0.036 |

| | | | |
|---|---|---|---|
| | | Time of Maximum: | 10:13:39 |
| | | Date of Maximum: | 7/26/2024 |
| | | | |
| Calibration | | Sensor: | AEROSOL |
| | | Cal. date | 4/29/2024 |
| | | | |
| Date | | Time | AEROSOL |
| MM/dd/yyyy | | hh:mm:ss | mg/m^3 |
| | 7/26/2024 | 8:13:39 | -0.036 |
| | 7/26/2024 | 8:28:39 | -0.045 |
| | 7/26/2024 | 8:43:39 | -0.046 |
| | 7/26/2024 | 8:58:39 | -0.046 |
| | 7/26/2024 | 9:13:39 | -0.011 |
| | 7/26/2024 | 9:28:39 | -0.043 |
| | 7/26/2024 | 9:43:39 | -0.045 |
| | 7/26/2024 | 9:58:39 | -0.031 |
| | 7/26/2024 | 10:13:39 | 0.036 |
| | 7/26/2024 | 10:28:39 | -0.015 |
| | 7/26/2024 | 10:43:39 | -0.049 |
| | 7/26/2024 | 10:58:39 | -0.045 |
| | 7/26/2024 | 11:13:39 | -0.042 |
| | 7/26/2024 | 11:28:39 | 0.016 |
| | 7/26/2024 | 11:43:39 | -0.043 |
| | 7/26/2024 | 11:58:39 | -0.029 |
| | 7/26/2024 | 12:13:39 | -0.024 |
| | 7/26/2024 | 12:28:39 | -0.04 |
| | 7/26/2024 | 12:43:39 | -0.046 |
| | 7/26/2024 | 12:58:39 | -0.045 |
| | 7/26/2024 | 13:13:39 | -0.043 |
| | 7/26/2024 | 13:28:39 | -0.033 |
| | 7/26/2024 | 13:43:39 | 0.003 |

**Bisonite Paint Co.**
**CAMP Data: DustTrac- DOWN WIND**
**July 18 - 26, 2024**

TrakPro Version 4.70 ASCII Data File

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 1 |
| Test Abbreviation: | MANUAL_001 |
| Start Date: | 7/18/2024 |
| Start Time: | 7:52:24 |
| Duration (dd:hh:mm: | 0:07:15:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 29 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.021 |
| | Minimum: | 0.009 |
| | Time of Minimum: | 8:07:24 |
| | Date of Minimum: | 7/18/2024 |
| | Maximum: | 0.073 |
| | Time of Maximum: | 15:07:24 |
| | Date of Maximum: | 7/18/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/18/2024 | 8:07:24 | 0.009 |
| 7/18/2024 | 8:22:24 | 0.009 |
| 7/18/2024 | 8:37:24 | 0.017 |
| 7/18/2024 | 8:52:24 | 0.01 |
| 7/18/2024 | 9:07:24 | 0.011 |
| 7/18/2024 | 9:22:24 | 0.013 |
| 7/18/2024 | 9:37:24 | 0.012 |
| 7/18/2024 | 9:52:24 | 0.015 |
| 7/18/2024 | 10:07:24 | 0.014 |
| 7/18/2024 | 10:22:24 | 0.016 |
| 7/18/2024 | 10:37:24 | 0.017 |
| 7/18/2024 | 10:52:24 | 0.016 |
| 7/18/2024 | 11:07:24 | 0.02 |
| 7/18/2024 | 11:22:24 | 0.017 |
| 7/18/2024 | 11:37:24 | 0.022 |

| | | |
|---|---|---|
| 7/18/2024 | 11:52:24 | 0.015 |
| 7/18/2024 | 12:07:24 | 0.016 |
| 7/18/2024 | 12:22:24 | 0.017 |
| 7/18/2024 | 12:37:24 | 0.018 |
| 7/18/2024 | 12:52:24 | 0.019 |
| 7/18/2024 | 13:07:24 | 0.019 |
| 7/18/2024 | 13:22:24 | 0.018 |
| 7/18/2024 | 13:37:24 | 0.024 |
| 7/18/2024 | 13:52:24 | 0.052 |
| 7/18/2024 | 14:07:24 | 0.019 |
| 7/18/2024 | 14:22:24 | 0.028 |
| 7/18/2024 | 14:37:24 | 0.035 |
| 7/18/2024 | 14:52:24 | 0.04 |
| 7/18/2024 | 15:07:24 | 0.073 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 2 |
| Test Abbreviation: | MANUAL_002 |
| Start Date: | 7/19/2024 |
| Start Time: | 7:22:32 |
| Duration (dd:hh:mm: | 0:06:00:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 24 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.019 |
| | Minimum: | 0.012 |
| | Time of Minimum: | 8:37:32 |
| | Date of Minimum: | 7/19/2024 |
| | Maximum: | 0.026 |
| | Time of Maximum: | 11:37:32 |
| | Date of Maximum: | 7/19/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/19/2024 | 7:37:32 | 0.016 |
| 7/19/2024 | 7:52:32 | 0.014 |
| 7/19/2024 | 8:07:32 | 0.015 |
| 7/19/2024 | 8:22:32 | 0.013 |
| 7/19/2024 | 8:37:32 | 0.012 |
| 7/19/2024 | 8:52:32 | 0.013 |

| | | |
|---|---|---|
| 7/19/2024 | 9:07:32 | 0.012 |
| 7/19/2024 | 9:22:32 | 0.015 |
| 7/19/2024 | 9:37:32 | 0.016 |
| 7/19/2024 | 9:52:32 | 0.019 |
| 7/19/2024 | 10:07:32 | 0.023 |
| 7/19/2024 | 10:22:32 | 0.019 |
| 7/19/2024 | 10:37:32 | 0.021 |
| 7/19/2024 | 10:52:32 | 0.02 |
| 7/19/2024 | 11:07:32 | 0.021 |
| 7/19/2024 | 11:22:32 | 0.022 |
| 7/19/2024 | 11:37:32 | 0.026 |
| 7/19/2024 | 11:52:32 | 0.021 |
| 7/19/2024 | 12:07:32 | 0.022 |
| 7/19/2024 | 12:22:32 | 0.021 |
| 7/19/2024 | 12:37:32 | 0.02 |
| 7/19/2024 | 12:52:32 | 0.022 |
| 7/19/2024 | 13:07:32 | 0.021 |
| 7/19/2024 | 13:22:32 | 0.021 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 3 |
| Test Abbreviation: | MANUAL_003 |
| Start Date: | 7/22/2024 |
| Start Time: | 8:15:32 |
| Duration (dd:hh:mm: | 0:05:00:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 20 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.035 |
| | Minimum: | 0.029 |
| | Time of Minimum: | 10:00:32 |
| | Date of Minimum: | 7/22/2024 |
| | Maximum: | 0.081 |
| | Time of Maximum: | 8:30:32 |
| | Date of Maximum: | 7/22/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/22/2024 | 8:30:32 | 0.081 |

| | | |
|---|---|---|
| 7/22/2024 | 8:45:32 | 0.032 |
| 7/22/2024 | 9:00:32 | 0.031 |
| 7/22/2024 | 9:15:32 | 0.034 |
| 7/22/2024 | 9:30:32 | 0.032 |
| 7/22/2024 | 9:45:32 | 0.032 |
| 7/22/2024 | 10:00:32 | 0.029 |
| 7/22/2024 | 10:15:32 | 0.029 |
| 7/22/2024 | 10:30:32 | 0.032 |
| 7/22/2024 | 10:45:32 | 0.033 |
| 7/22/2024 | 11:00:32 | 0.031 |
| 7/22/2024 | 11:15:32 | 0.031 |
| 7/22/2024 | 11:30:32 | 0.032 |
| 7/22/2024 | 11:45:32 | 0.033 |
| 7/22/2024 | 12:00:32 | 0.034 |
| 7/22/2024 | 12:15:32 | 0.034 |
| 7/22/2024 | 12:30:32 | 0.035 |
| 7/22/2024 | 12:45:32 | 0.038 |
| 7/22/2024 | 13:00:32 | 0.036 |
| 7/22/2024 | 13:15:32 | 0.037 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 4 |
| Test Abbreviation: | MANUAL_004 |
| Start Date: | 7/24/2024 |
| Start Time: | 9:22:26 |
| Duration (dd:hh:mm: | 0:02:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 11 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.042 |
| | Minimum: | 0.035 |
| | Time of Minimum: | 10:07:26 |
| | Date of Minimum: | 7/24/2024 |
| | Maximum: | 0.055 |
| | Time of Maximum: | 11:37:26 |
| | Date of Maximum: | 7/24/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 1/25/2024 |

| | | |
|---|---|---|
| Date | Time | AEROSOL |
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |

| | | |
|---|---|---|
| 7/24/2024 | 9:37:26 | 0.047 |
| 7/24/2024 | 9:52:26 | 0.037 |
| 7/24/2024 | 10:07:26 | 0.035 |
| 7/24/2024 | 10:22:26 | 0.036 |
| 7/24/2024 | 10:37:26 | 0.038 |
| 7/24/2024 | 10:52:26 | 0.038 |
| 7/24/2024 | 11:07:26 | 0.039 |
| 7/24/2024 | 11:22:26 | 0.042 |
| 7/24/2024 | 11:37:26 | 0.055 |
| 7/24/2024 | 11:52:26 | 0.043 |
| 7/24/2024 | 12:07:26 | 0.048 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 5 |
| Test Abbreviation: | MANUAL_005 |
| Start Date: | 7/25/2024 |
| Start Time: | 7:52:24 |
| Duration (dd:hh:mm: | 0:06:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 27 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.022 |
| | Minimum: | 0.009 |
| | Time of Minimum: | 8:52:24 |
| | Date of Minimum: | 7/25/2024 |
| | Maximum: | 0.076 |
| | Time of Maximum: | 8:37:24 |
| | Date of Maximum: | 7/25/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/25/2024 | 8:07:24 | 0.03 |
| 7/25/2024 | 8:22:24 | 0.018 |
| 7/25/2024 | 8:37:24 | 0.076 |
| 7/25/2024 | 8:52:24 | 0.009 |
| 7/25/2024 | 9:07:24 | 0.011 |
| 7/25/2024 | 9:22:24 | 0.012 |
| 7/25/2024 | 9:37:24 | 0.013 |
| 7/25/2024 | 9:52:24 | 0.013 |

| | | |
|---|---|---|
| 7/25/2024 | 10:07:24 | 0.017 |
| 7/25/2024 | 10:22:24 | 0.017 |
| 7/25/2024 | 10:37:24 | 0.018 |
| 7/25/2024 | 10:52:24 | 0.019 |
| 7/25/2024 | 11:07:24 | 0.018 |
| 7/25/2024 | 11:22:24 | 0.018 |
| 7/25/2024 | 11:37:24 | 0.018 |
| 7/25/2024 | 11:52:24 | 0.019 |
| 7/25/2024 | 12:07:24 | 0.02 |
| 7/25/2024 | 12:22:24 | 0.02 |
| 7/25/2024 | 12:37:24 | 0.021 |
| 7/25/2024 | 12:52:24 | 0.022 |
| 7/25/2024 | 13:07:24 | 0.022 |
| 7/25/2024 | 13:22:24 | 0.028 |
| 7/25/2024 | 13:37:24 | 0.023 |
| 7/25/2024 | 13:52:24 | 0.028 |
| 7/25/2024 | 14:07:24 | 0.026 |
| 7/25/2024 | 14:22:24 | 0.024 |
| 7/25/2024 | 14:37:24 | 0.027 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 6 |
| Test Abbreviation: | MANUAL_006 |
| Start Date: | 7/26/2024 |
| Start Time: | 7:55:59 |
| Duration (dd:hh:mm: | 0:06:00:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 24 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.03 |
| | Minimum: | 0.022 |
| | Time of Minimum: | 9:40:59 |
| | Date of Minimum: | 7/26/2024 |
| | Maximum: | 0.039 |
| | Time of Maximum: | 13:55:59 |
| | Date of Maximum: | 7/26/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 1/25/2024 |

| | | |
|---|---|---|
| Date | Time | AEROSOL |
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |

| | | |
|---|---|---|
| 7/26/2024 | 8:10:59 | 0.032 |
| 7/26/2024 | 8:25:59 | 0.028 |
| 7/26/2024 | 8:40:59 | 0.026 |
| 7/26/2024 | 8:55:59 | 0.023 |
| 7/26/2024 | 9:10:59 | 0.023 |
| 7/26/2024 | 9:25:59 | 0.024 |
| 7/26/2024 | 9:40:59 | 0.022 |
| 7/26/2024 | 9:55:59 | 0.024 |
| 7/26/2024 | 10:10:59 | 0.025 |
| 7/26/2024 | 10:25:59 | 0.025 |
| 7/26/2024 | 10:40:59 | 0.029 |
| 7/26/2024 | 10:55:59 | 0.028 |
| 7/26/2024 | 11:10:59 | 0.029 |
| 7/26/2024 | 11:25:59 | 0.03 |
| 7/26/2024 | 11:40:59 | 0.034 |
| 7/26/2024 | 11:55:59 | 0.035 |
| 7/26/2024 | 12:10:59 | 0.033 |
| 7/26/2024 | 12:25:59 | 0.034 |
| 7/26/2024 | 12:40:59 | 0.034 |
| 7/26/2024 | 12:55:59 | 0.035 |
| 7/26/2024 | 13:10:59 | 0.036 |
| 7/26/2024 | 13:25:59 | 0.037 |
| 7/26/2024 | 13:40:59 | 0.037 |
| 7/26/2024 | 13:55:59 | 0.039 |

**Bisonite Paint Co.**
**CAMP Data: PID - DOWN WIND**
**July 18 - 26, 2024**

==========

24/07/12 09:27

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 7/12/2024 9:27 |
| End | 7/12/2024 9:28 |
| Sample Period(s) | 60 |
| Number of Records | 0 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |

**********

Datalog

0 record.

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24/07/18 07:56

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

---

| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Pause in Menu Mode |

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| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 7/18/2024 7:56 |
| End | 7/18/2024 7:56 |
| Sample Period(s) | 60 |
| Number of Records | 0 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |

**********

Datalog

0 record.

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24/07/18 07:57

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Summary

---

| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

---

| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 7/18/2024 7:57 |
| End | 7/18/2024 15:20 |
| Sample Period(s) | 900 |
| Number of Records | 29 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 0.1 |
| Min | 0 |
| Average | 0 |

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Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 7/18/2024 8:12 | 0 | 0 | 0 |
| 002 | 7/18/2024 8:27 | 0 | 0.1 | 0 |
| 003 | 7/18/2024 8:42 | 0 | 0.8 | 0 |
| 004 | 7/18/2024 8:57 | 0 | 0 | 0 |
| 005 | 7/18/2024 9:12 | 0 | 0 | 0 |
| 006 | 7/18/2024 9:27 | 0 | 0.1 | 0.1 |

| | | | | |
|---|---|---|---|---|
| 007 | 7/18/2024 9:42 | 0.1 | 0.1 | 0.1 |
| 008 | 7/18/2024 9:57 | 0.1 | 0.1 | 0.1 |
| 009 | 7/18/2024 10:12 | 0.1 | 0.1 | 0.1 |
| 010 | 7/18/2024 10:27 | 0.1 | 0.1 | 0.1 |
| 011 | 7/18/2024 10:42 | 0 | 0.2 | 0 |
| 012 | 7/18/2024 10:57 | 0 | 0 | 0 |
| 013 | 7/18/2024 11:12 | 0 | 0 | 0 |
| 014 | 7/18/2024 11:27 | 0 | 0 | 0 |
| 015 | 7/18/2024 11:42 | 0 | 0 | 0 |
| 016 | 7/18/2024 11:57 | 0 | 0 | 0 |
| 017 | 7/18/2024 12:12 | 0 | 0 | 0 |
| 018 | 7/18/2024 12:27 | 0 | 0 | 0 |
| 019 | 7/18/2024 12:42 | 0 | 0 | 0 |
| 020 | 7/18/2024 12:57 | 0 | 0 | 0 |
| 021 | 7/18/2024 13:12 | 0 | 0 | 0 |
| 022 | 7/18/2024 13:27 | 0 | 0 | 0 |
| 023 | 7/18/2024 13:42 | 0 | 0 | 0 |
| 024 | 7/18/2024 13:57 | 0 | 0 | 0 |
| 025 | 7/18/2024 14:12 | 0 | 0 | 0 |
| 026 | 7/18/2024 14:27 | 0 | 0 | 0 |
| 027 | 7/18/2024 14:42 | 0 | 0 | 0 |
| 028 | 7/18/2024 14:57 | 0 | 0 | 0 |
| 029 | 7/18/2024 15:12 | 0 | 0 | 0 |
| Peak | | 0.1 | 0.8 | 0.1 |
| Min | | 0 | 0 | 0 |
| Average | | 0 | 0.1 | 0 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 7/18/2024 8:12 | 0 | 0 |
| 002 | 7/18/2024 8:27 | 0 | 0 |
| 003 | 7/18/2024 8:42 | 0 | 0 |
| 004 | 7/18/2024 8:57 | 0 | 0 |
| 005 | 7/18/2024 9:12 | 0 | 0 |
| 006 | 7/18/2024 9:27 | 0 | 0.1 |
| 007 | 7/18/2024 9:42 | 0 | 0.2 |
| 008 | 7/18/2024 9:57 | 0 | 0.2 |
| 009 | 7/18/2024 10:12 | 0 | 0.2 |
| 010 | 7/18/2024 10:27 | 0 | 0.2 |
| 011 | 7/18/2024 10:42 | 0 | 0.1 |
| 012 | 7/18/2024 10:57 | 0 | 0 |
| 013 | 7/18/2024 11:12 | 0 | 0 |

| | | | |
|---|---|---|---|
| 014 | 7/18/2024 11:27 | 0 | 0 |
| 015 | 7/18/2024 11:42 | 0 | 0 |
| 016 | 7/18/2024 11:57 | 0 | 0 |
| 017 | 7/18/2024 12:12 | 0 | 0 |
| 018 | 7/18/2024 12:27 | 0 | 0 |
| 019 | 7/18/2024 12:42 | 0 | 0 |
| 020 | 7/18/2024 12:57 | 0 | 0 |
| 021 | 7/18/2024 13:12 | 0 | 0 |
| 022 | 7/18/2024 13:27 | 0 | 0 |
| 023 | 7/18/2024 13:42 | 0 | 0 |
| 024 | 7/18/2024 13:57 | 0 | 0 |
| 025 | 7/18/2024 14:12 | 0 | 0 |
| 026 | 7/18/2024 14:27 | 0 | 0 |
| 027 | 7/18/2024 14:42 | 0 | 0 |
| 028 | 7/18/2024 14:57 | 0 | 0 |
| 029 | 7/18/2024 15:12 | 0 | 0 |

==========

24/07/19 07:28

**********

Summary

---

| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

---

| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 7/19/2024 7:28 |
| End | 7/19/2024 8:32 |
| Sample Period(s) | 900 |
| Number of Records | 4 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |

| | |
|---|---|
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 0 |
| Min | 0 |
| Average | 0 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 7/19/2024 7:43 | 0 | 0 | 0 |
| 002 | 7/19/2024 7:58 | 0 | 0 | 0 |
| 003 | 7/19/2024 8:13 | 0 | 0 | 0 |
| 004 | 7/19/2024 8:28 | 0 | 0 | 0 |
| Peak | | 0 | 0 | 0 |
| Min | | 0 | 0 | 0 |
| Average | | 0 | 0 | 0 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 7/19/2024 7:43 | 0 | 0 |
| 002 | 7/19/2024 7:58 | 0 | 0 |
| 003 | 7/19/2024 8:13 | 0 | 0 |
| 004 | 7/19/2024 8:28 | 0 | 0 |

==========

24/07/19 10:17

**********

Summary

---

| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

---

| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 7/19/2024 10:17 |
| End | 7/19/2024 11:16 |
| Sample Period(s) | 900 |
| Number of Records | 3 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 0.1 |
| Min | 0.1 |
| Average | 0.1 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 7/19/2024 10:32 | 0.1 | 0.2 | 0.1 |
| 002 | 7/19/2024 10:47 | 0.1 | 0.1 | 0.1 |
| 003 | 7/19/2024 11:02 | 0.1 | 0.1 | 0.1 |
| Peak | | 0.1 | 0.2 | 0.1 |
| Min | | 0.1 | 0.1 | 0.1 |
| Average | | 0.1 | 0.1 | 0.1 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 7/19/2024 10:32 | 0 | 0.1 |
| 002 | 7/19/2024 10:47 | 0 | 0.2 |
| 003 | 7/19/2024 11:02 | 0 | 0.2 |

==========

24/07/23 09:42

**********

Summary

---

| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

---

| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 7/23/2024 9:42 |
| End | 7/23/2024 9:42 |
| Sample Period(s) | 900 |
| Number of Records | 0 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |

**********

Datalog

0 record.

==========

24/07/24 09:33

**********

Summary

---

| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |

| | |
|---|---|
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

---

| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 7/24/2024 9:33 |
| End | 7/24/2024 12:20 |
| Sample Period(s) | 900 |
| Number of Records | 11 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 0.5 |
| Min | 0 |
| Average | 0.1 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 7/24/2024 9:48 | 0 | 0.3 | 0 |
| 002 | 7/24/2024 10:03 | 0 | 0.3 | 0 |
| 003 | 7/24/2024 10:18 | 0 | 0.1 | 0 |
| 004 | 7/24/2024 10:33 | 0 | 0.1 | 0 |
| 005 | 7/24/2024 10:48 | 0 | 0.1 | 0 |
| 006 | 7/24/2024 11:03 | 0 | 0.2 | 0.1 |
| 007 | 7/24/2024 11:18 | 0.1 | 0.2 | 0.1 |
| 008 | 7/24/2024 11:33 | 0.2 | 2 | 0.5 |

| | | | | |
|---|---|---|---|---|
| 009 | 7/24/2024 11:48 | 0.5 | 3.3 | 0.3 |
| 010 | 7/24/2024 12:03 | 0.2 | 1.4 | 0.1 |
| 011 | 7/24/2024 12:18 | 0.1 | 0.6 | 0.1 |
| Peak | | 0.5 | 3.3 | 0.5 |
| Min | | 0 | 0.1 | 0 |
| Average | | 0.1 | 0.8 | 0.1 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 7/24/2024 9:48 | 0 | 0 |
| 002 | 7/24/2024 10:03 | 0 | 0 |
| 003 | 7/24/2024 10:18 | 0 | 0 |
| 004 | 7/24/2024 10:33 | 0 | 0 |
| 005 | 7/24/2024 10:48 | 0 | 0 |
| 006 | 7/24/2024 11:03 | 0 | 0.1 |
| 007 | 7/24/2024 11:18 | 0 | 0.2 |
| 008 | 7/24/2024 11:33 | 0 | 0.6 |
| 009 | 7/24/2024 11:48 | 0 | 0.8 |
| 010 | 7/24/2024 12:03 | 0 | 0.4 |
| 011 | 7/24/2024 12:18 | 0 | 0.2 |

==========

24/07/25 08:03

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 7/25/2024 8:03 |
| End | 7/25/2024 14:51 |
| Sample Period(s) | 900 |
| Number of Records | 27 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 1.4 |
| Min | 0 |
| Average | 0.4 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 7/25/2024 8:18 | 0 | 0 | 0 |
| 002 | 7/25/2024 8:33 | 0 | 0.1 | 0 |
| 003 | 7/25/2024 8:48 | 0.1 | 0.1 | 0.1 |
| 004 | 7/25/2024 9:03 | 0.1 | 0.1 | 0.1 |
| 005 | 7/25/2024 9:18 | 0.1 | 0.2 | 0.1 |
| 006 | 7/25/2024 9:33 | 0.2 | 0.2 | 0.2 |
| 007 | 7/25/2024 9:48 | 0.2 | 0.2 | 0.2 |
| 008 | 7/25/2024 10:03 | 0.2 | 0.6 | 0.2 |
| 009 | 7/25/2024 10:18 | 0.2 | 0.6 | 0.2 |
| 010 | 7/25/2024 10:33 | 0.2 | 0.4 | 0.3 |
| 011 | 7/25/2024 10:48 | 0.4 | 1.5 | 0.2 |
| 012 | 7/25/2024 11:03 | 0.4 | 1.2 | 0.5 |
| 013 | 7/25/2024 11:18 | 0.3 | 0.6 | 0.2 |
| 014 | 7/25/2024 11:33 | 0.3 | 0.7 | 0.6 |
| 015 | 7/25/2024 11:48 | 0.3 | 0.6 | 0.4 |
| 016 | 7/25/2024 12:03 | 0.5 | 2 | 1.1 |
| 017 | 7/25/2024 12:18 | 0.5 | 1.3 | 0.3 |
| 018 | 7/25/2024 12:33 | 0.4 | 0.9 | 0.5 |
| 019 | 7/25/2024 12:48 | 0.4 | 0.8 | 0.3 |
| 020 | 7/25/2024 13:03 | 0.4 | 0.7 | 0.5 |
| 021 | 7/25/2024 13:18 | 0.4 | 1.4 | 0.3 |
| 022 | 7/25/2024 13:33 | 0.6 | 1.3 | 1.1 |
| 023 | 7/25/2024 13:48 | 0.5 | 1.5 | 0.5 |
| 024 | 7/25/2024 14:03 | 0.7 | 2.9 | 0.7 |

| | | | | |
|---|---|---|---|---|
| 025 | 7/25/2024 14:18 | 1 | 2.9 | 0.6 |
| 026 | 7/25/2024 14:33 | 1.1 | 8.3 | 1.4 |
| 027 | 7/25/2024 14:48 | 1.9 | 5.5 | 1.3 |
| Peak | | 1.9 | 8.3 | 1.4 |
| Min | | 0 | 0 | 0 |
| Average | | 0.4 | 1.4 | 0.4 |

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TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 7/25/2024 8:18 | 0 | 0 |
| 002 | 7/25/2024 8:33 | 0 | 0 |
| 003 | 7/25/2024 8:48 | 0 | 0.1 |
| 004 | 7/25/2024 9:03 | 0 | 0.2 |
| 005 | 7/25/2024 9:18 | 0 | 0.2 |
| 006 | 7/25/2024 9:33 | 0 | 0.3 |
| 007 | 7/25/2024 9:48 | 0 | 0.4 |
| 008 | 7/25/2024 10:03 | 0 | 0.4 |
| 009 | 7/25/2024 10:18 | 0 | 0.4 |
| 010 | 7/25/2024 10:33 | 0 | 0.5 |
| 011 | 7/25/2024 10:48 | 0 | 0.5 |
| 012 | 7/25/2024 11:03 | 0.1 | 0.7 |
| 013 | 7/25/2024 11:18 | 0.1 | 0.7 |
| 014 | 7/25/2024 11:33 | 0.1 | 0.8 |
| 015 | 7/25/2024 11:48 | 0.1 | 1 |
| 016 | 7/25/2024 12:03 | 0.1 | 1.5 |
| 017 | 7/25/2024 12:18 | 0.1 | 1.4 |
| 018 | 7/25/2024 12:33 | 0.2 | 0.8 |
| 019 | 7/25/2024 12:48 | 0.2 | 0.8 |
| 020 | 7/25/2024 13:03 | 0.2 | 0.8 |
| 021 | 7/25/2024 13:18 | 0.2 | 0.8 |
| 022 | 7/25/2024 13:33 | 0.2 | 1.4 |
| 023 | 7/25/2024 13:48 | 0.2 | 1.6 |
| 024 | 7/25/2024 14:03 | 0.3 | 1.2 |
| 025 | 7/25/2024 14:18 | 0.3 | 1.3 |
| 026 | 7/25/2024 14:33 | 0.3 | 2 |
| 027 | 7/25/2024 14:48 | 0.4 | 2.7 |

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24/07/26 08:08

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Summary

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Unit Name MiniRAE 3000(PGM-7320)

| | |
|---|---|
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 7/26/2024 8:08 |
| End | 7/26/2024 8:17 |
| Sample Period(s) | 900 |
| Number of Records | 0 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |

**********

Datalog

0 record.

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24/07/26 13:38

**********

Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |

| | |
|---|---|
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |

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| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 7/26/2024 13:38 |
| End | 7/26/2024 13:51 |
| Sample Period(s) | 900 |
| Number of Records | 0 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |

**********

Datalog

0 record.

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24/07/26 15:56

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Pause in Communication Mode |

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| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 7/26/2024 15:56 |
| End | 7/26/2024 16:00 |
| Sample Period(s) | 900 |
| Number of Records | 0 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |

**********

Datalog

0 record.

100.002

MARSH ENGINEERING D.P.C.
271 Marsh Road, Suite 2
Pittsford, New York 14534
(585) 248-2413

August 7, 2024

Michael Keller, EIT
New York State Department of Environmental Conservation
Division of Environmental Remediation
700 Delaware Avenue
Buffalo, New York 14209

Re: Bisonite Paint Company BCP
Site No.: C915010
Weekly Status Report
July 22 – 26, 2024

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Michael;

This weekly status report presents a summary of the site activities performed, community air monitoring conducted, and samples collected for laboratory analyses during the period from July 22 – 26, 2024.

Site Activities included:

- July 22: began excavation of the lagoon area west of MW-4; asphalt, concrete, stone, and soil stockpiled separately on polyethylene sheeting; soil was screened to segregate into potentially hazardous or non-hazardous stockpiles; collected sample Lagoon-SW-01-08; paint/lacquer-like material and drums encountered; strategized methods to remove paint/lacquer-like material with the NYSDEC.
- July 23: No additional intrusive work conducted; waiting for sawdust to be delivered.
- July 24: 22 tons of sawdust delivered; received approval from NYSDEC to begin mixing sawdust with paint/lacquer-like material.
- July 25: Began using woodchips for liquid control within excavation; continued excavation within lagoon; drums and highly impacted soil was containerized in watertight roll-off container.
- July 26: Encountered cement pipe in southwest corner of the lagoon during excavation at approximately 6-feet bgs; a sample was collected from inside the pipe for laboratory analysis. Continued excavating along the western wall of the lagoon. Collected confirmatory sample Lagoon-SW-W-07. Approximately 33 drums were encountered/removed from the excavation by the end of the week.

Field notes that contain additional details are attached.

Community air monitoring, including volatile organic compounds ("VOCs") and particulates, was conducted consistent with the Community Air Monitoring Plan ("CAMP") during the reporting period. No exceedances of VOCs or particulates were recorded.

CAMP monitoring tables are attached.

No laboratory analytical results were received.

If you have any questions, please call us at (585) 248.2413.

Sincerely,

Bruce W. Ahrens
Senior Project Manager

Attachments:

Field Notes
Table 1 – CAMP Data – DustTrak – Upwind
Table 2 – CAMP Data – DustTrak – Downwind
Table 3 – CAMP Data – MiniRae - Downwind

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** Tonawanda-Former Bisonite | **Marsh Personnel:** E.Spirito |
| **Project Number:** 1077.003 | **Contractor:** Sessler |
| **Time Onsite:** 07:45 | **Time Offsite:** |

***Description of Activities:***

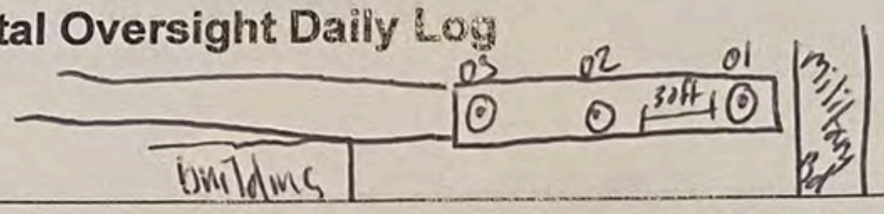
07:45 Marsh (E.Spirito) onsite. Discuss with Sessler plan for day- mobilizing equipment, plan to grub/clear vegetation in work area.
08:10 Kickoff meeting with 4 sessler workers- Go over HASP.
08:40 Begin setting up sedimentation controls- Silt fences around, snow fence area of shallow excavation and lagoon.
09:20 RAVI onsite to Perform GPR survey.
10:30 Sessler clearing vegetation along "shallow excavation" area
13:00 Thunder + lightning
13:30 Work onsite done for day. Work to begin next day.
13:35 Spirito offsite.

Signature: Emily L Spirito Date: 7/15/24

Swan trucking # 9a-953
2 trucks #

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

MARSH ENGINEERING D.P.C.




| | |
|---|---|
| **Project Name:** | **Marsh Personnel:** |
| **Project Number:** | **Contractor:** |
| **Time Onsite:** | **Time Offsite:** |
| ***Description of Activities:*** | |

07:30 Spirito (Marsh) onsite. Begin calibrating and setting up camp equipment.
08:00 Camp set up around work area - Excavation along northern section of property just south of 84 lumber - Excavation is to a depth of 1-ft bgs, direct loading into truck (Swan trucking). 2 trucks on today. Soil is medium-brown silt w/ gravel, asphalt throughout
08:20 NYSDEC onsite (Brad). Mike Keller onsite @ ~ 9:00am / offsite @ 10:10 ish.
09:30 Screening excavation trench periodically - 0ppm @ 08:30
08:40 Collect Trench-01 @ 08:40; ~~ext~~ approx 1 ft bgs.
08:40 Stone truck #1 dropped @ site for backfill.
08:55 Trench-02 collected @ 0.5-1' bgs @ 08:55
09:10 laying demarcation layer @ 1' bgs before backfilling trench w/ approved stone. Backfilling as we go approx. every 50' heading west. Trench-03. Tamping.
0935 Stone truck #2 dropped onsite.
09:50 Soil truck returns from landfill # being live loaded
10:00 Trench-03 collected @ 05-1' bgs. PID screening - 0ppm
11:41 Begin loading soil truck #3 to be transported to landfill
11:50 collect trench-04 @ 0.5-1' bgs. Screened w/ PID - 0ppm.
12:00 Trench-05 collected @ 0.5-1' bgs
13:20 Trench-06 collected @ 0.5-1' bgs
13:00 Trench-07 collected 0.5-1' bgs
13:20 Trench-08 collected @ 0.5-1' bgs
13:40 Trench-09 collected @ 0.5-1' bgs
14:00 Trench-10 collected @ 0.5-1' bgs
14:20 Done with loading trucks for day

| # of soil truckloads: |
|---|
| 1111 |

| # of stone trucks |
|---|
| 1111 |

Signature: Emily L Spirito Date: 7/18/24

lagoon

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** | **Marsh Personnel:** |
| **Project Number:** | **Contractor:** |
| **Time Onsite:** | **Time Offsite:** |

**Description of Activities:**

14:30 Encountered large root system near NW corner of property building along trench. working around roots. Backfilling excavated areas
13:40 Spirito offsite

Signature: _____ Date: 7/18/24

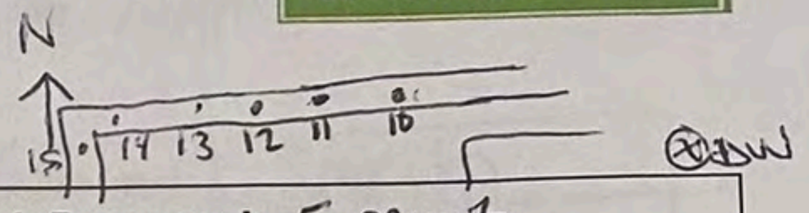
2 of 2

Stone trucks : 11

Soil trucks : 111

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily ~~Log~~**

MARSH ENGINEERING D.P.C.




| | |
|---|---|
| **Project Name:** Former Brisonite | **Marsh Personnel:** E. Spirito |
| **Project Number:** | **Contractor:** Sessler |
| **Time Onsite:** 07:15 | **Time Offsite:** |
| **Description of Activities:** * Per DEC personnel - Do not disturb root systems enough to kill tree. work around, dig shallower if necessary * | |

07:15 Spirito (marsh) onsite Sessler continuing to excavate 1' trench along Northern property boundary. Root systems inhibiting excavation to go deeper than 0.5 ft in some areas. Concrete encountered within trench, hand diggings to inspect. 1st truck of stone dropped. CAMP set up around work area.

07:40 Trench-11 (0.5) collected. Backfilling as we go.

08:30 Trench-12 (1') collected at 1' bgs

08:55 Trench-13 (1') collected at 1' bgs.

08:57 Stone truck #2 dumped

09:45 Trench-14 (1') collected @ 1' bgs

10:40 Trench-15 (1) collected @ 1' bgs

11:30 Trench-16 (1) collected @ 1' bgs

12:40 Trench-17 (1) collected @ 1' bgs

13:00 completed excavation of trenching around parking lot, backfilling remaining excavation areas.

Signature: Emily L Spirito

Date: 7/19/24

lagoon
1-2' [crusher run]
2-5 [silty clay, urban fill material] 0-5ppm
5-8' [impacts of paint, latex] 5ppm-200ppm

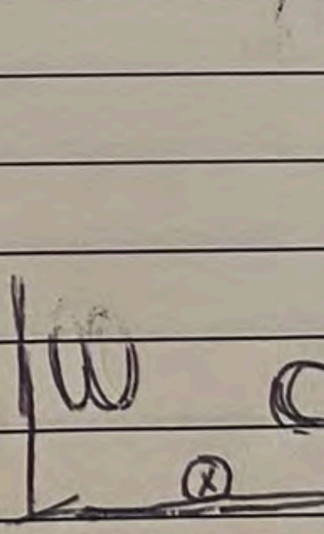
**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** Former Bisonite | **Marsh Personnel:** E. Spirito |
| **Project Number:** | **Contractor:** Sessler |
| **Time Onsite:** 07:10 | **Time Offsite:** |

**Description of Activities:**

07:10 Spirito (marsh) onsite. Work activites today include beginning excavation of former lagoon area, west of MW-4 where pavement meets vegetation.
08:00 conduct morning safety meeting
8:20 Begin excavation of former lagoon - Separate asphalt stockpile. Stockpiling non-haz and grossly haz materials by PID and visual observation etc. crusher run stone present @ 1-2' bgs, silty clay + urban fill from approximately 2-5' bgs, impacts from 5 ppm to 200ppm just above native clay. Brad (NYSDEC) onsite.
09:15 lagoon-sw-01-08 sampled at 8' bgs in clay that has no visual impacts
09:30 continue moving North to determine extent of impacts.
09:45 mike Keller (NYSDEC) onsite. Thick lacquer-type material encountered @ approx. 7' bgs in metal containers (drums?). investigating further
10:15 B. Ahrens (Marsh) onsite
10:30 more suspected drums encountered in excavation.
10:35 drum removed from excavation, set on poly
10:40 Excavation haulted until next steps are determined




pg 1 of 2

Signature: _____ Date: 7/22/24

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**
**nvi**

MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** Former Bisonite Paint | **Marsh Personnel:** E. Spirito |
| **Project Number:** | **Contractor:** Sessler |
| **Time Onsite:** | **Time Offsite:** |

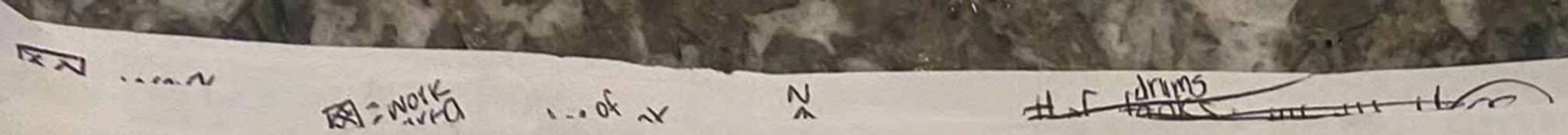
**Description of Activities:**

11:00 Sessler seeking approval from DEC to use a woodchip material to soak up liquid/laquer/paint material from excavation.
11:30 covering excavation with poly until next steps are determined. Sample of product collected - not submitted to Lab.
13:45 Spirito offsite - no more work to be done today.

Signature: Emily E Spirito

Date: 7/20/24

2 of 2



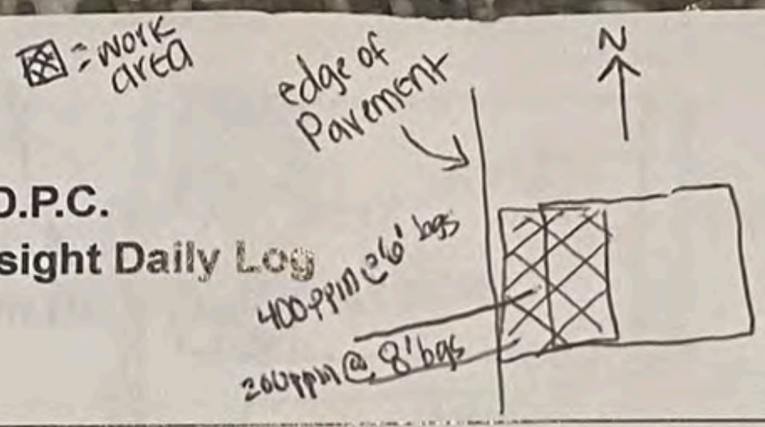

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

| | |
|---|---|
| **Project Name:** Former Bisonite paint co. | **Marsh Personnel:** E. Spirito |
| **Project Number:** 100.007 | **Contractor:** Sessler |
| **Time Onsite:** 07:15 | **Time Offsite:** |

**Description of Activities:**

07:15 Spirito (Marsh) onsite. 22 tons of sawdust imported to mix with paint product to create a "semi-solid" mix to containerize.
07:30 spoke w/ B. Ahrens - onsite activities to pause while we confirm approval to proceed work activities.
09:30 Mixing sawdust with soil to absorb liquids.
11:10 M. Keller from NYSDEC onsite - Approves placing soil/sawdust mix on haz-poly pile now that it is more "solid (non runny liquid") SFS plans to bring loader to site to transport "haz" material to pile, and use different skidsteer/bucket for "non-haz" once digging continues.
12:00 covering excavation pit and all piles with poly/ sawdust w/ tarp.
12:45 All parties offsite

Signature: Emily Spirito Date: 7/24/24







**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**
**nvir**

MARSH ENGINEERING D.P.C.

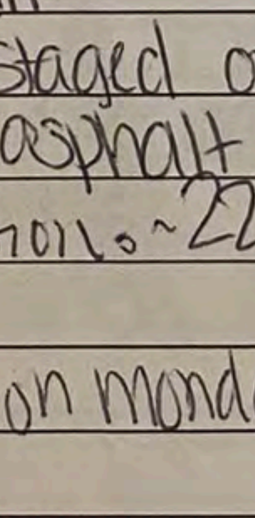
| | |
|---|---|
| **Project Name:** Former Bisonite paint Co. | **Marsh Personnel:** E. Spirito |
| **Project Number:** 100.002 | **Contractor:** Sessler |
| **Time Onsite:** 07:10 | **Time Offsite:** |

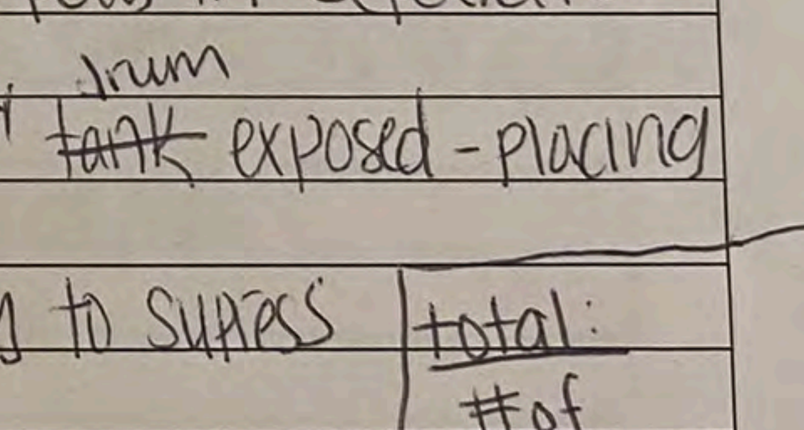
**Description of Activities:**

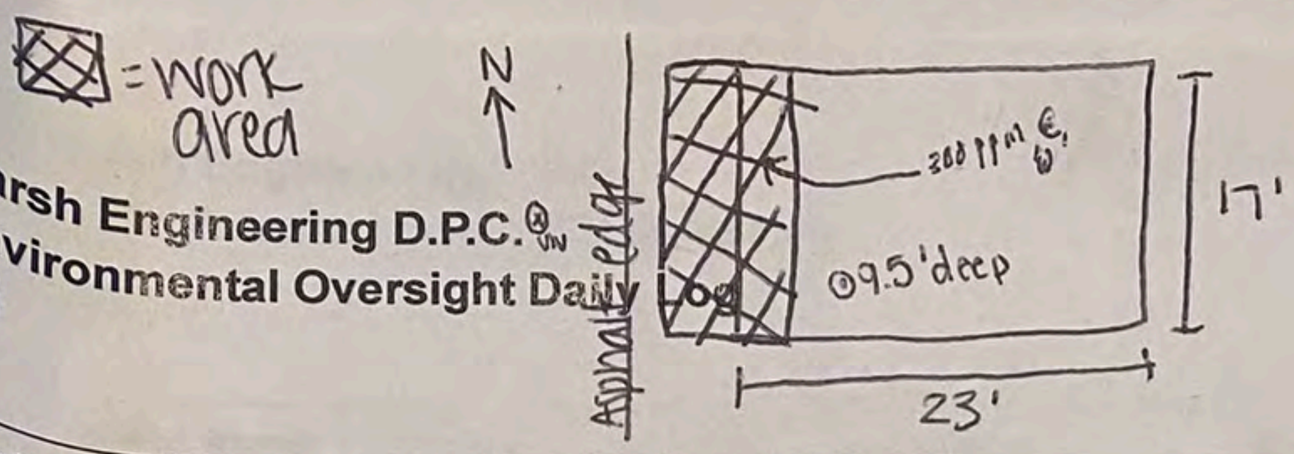
07:15 Spirito (Marsh) onsite. Sessler brings loader onsite.
08:00 Excavation activities commence - stockpiles uncovered. Screening soils w/ PID to segregate "HaZ" vs. "NON-HaZ". Working west in excavation
08:45 Breaking asphalt, stockpiling. M. Keller onsite.
09:45 mixing excavation soil w/ sawdust. Tanks and thick product
10:00 mixing in saw dust to soak up liquids
10:15 mixing in Sawdust to soak up liquids.
10:25 mixing in sawdust to excavation soils
10:40 placing more poly for "HaZ" material stockpile.
10:55 ~~drum~~ encountered in SW corner of excavation @ ~8.5' bgs. drum. white, thick paint waste encountered.
11:00 containerizing impacted soils and paint waste in HaZ waste roll off
11:30 Sawdust placed in excavation. Tank #12 uncovered, filled w/ lacquer-like product
11:45 Sawdust placed in excavation
12:50 concrete from excavation staged on poly in separate pile from other concrete/asphalt. drum
13:10 saw dust placed in excavation. ~22nd ~~tank~~ exposed - placing drums in roll off (lined).
13:20 Sessler bringing biosolve on monday to suppress odors from excavation.
13:40 encountering ~~tanks~~ @ 9' bgs
14:30 seeing signs of native soil @ ~9.5' bgs w/ ice paint
15:00 Earthwork done for day. Spirito offsite

| total: # of drums |
|---|
| 11 |

Signature: Emily L Spirito Date: 7/25/24






**Marsh Engineering D.P.C.** ⊗DW
**Environmental Oversight Daily Log**

MARSH ENGINEERING D.P.C.

⊗ DW

| | |
|---|---|
| **Project Name:** Former Bisonite paint CO. | **Marsh Personnel:** E. Spirito |
| **Project Number:** 100.002 | **Contractor:** Sessler |
| **Time Onsite:** 07:25 | **Time Offsite:** |

***Description of Activities:***

07:25 Spirito onsite
07:55 M. Keller (NYSDEC) onsite.
08:15 Begin excavating western side of excavation, Separating Asphalt, backfill stone, "non-haz" soils and "Haz" soils in to designated stock-piles. Ramp being conducted around work area.
08:35 PID readings of 300ppm @ ~10' bgs, switch to "Haz" buckets on excavator and loader. Decontaminating "non haz" excavator bucket.
08:52 thick-rubberized paint encountered @ ~ 6.5' bgs.
04:45 6" concrete pipe on western wall of excavation at approx 10' bgs
09:50 paint residue in/around pipe - dmy. NYSDEC approves cleaning up area around pipe and not excavating further west offsite - not chasing pipe. Continue excavating north along west wall of excavation after 9' is reached along western wall.
10:20 Soil sample from cement pipe collected - 0.9 ppm. PID reading inside pipe is 0.8ppm
11:30 lagoon-SW-W-07 collected @ 7' bgs
14:00 earthwork in lagoon pit done for day - sending ramp equip for data ~~for~~ download @ eco rental
14:10 Marsh offsite. ses covering stockpiles.

Signature: Emily L Spirito

Date: 7/26/24

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

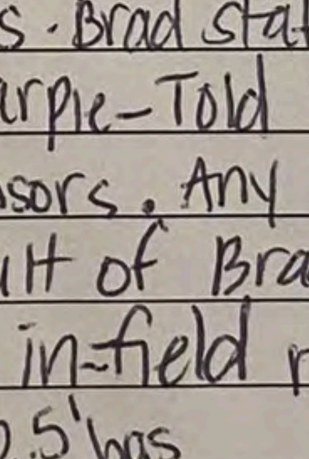
MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** Former Bisonite paint co. | **Marsh Personnel:** E. Spirito |
| **Project Number:** ~~200~~ 100.002 | **Contractor:** Sessler |
| **Time Onsite:** 07:15 | **Time Offsite:** |

***Description of Activities:***

07:15 Spirito (marsh) onsite. Set up/calibrate CAMP equipment.
08:00 Begin tearing up asphalt on northern wall, stone. soils being separated based on visual observations, PID readings, and material (paint chunks, ~~tank~~ drum presence, etc).
08:15 M. Keller from DEC onsite - stated he would like cement pipe in SW corner of excavation marked w/ gps.
08:35 some dust being generated from machines while moving asphalt and gravel - settles quick. NO CAMP exceedances as a result.
09:00 Josh + Brad (DEC) onsite.
10:50 moving CAMPS to new positions - Change in wind
10:50 direction.
↳ Brad (DEC) checking CAMPS himself - ^ states that we will show him equipment upon request, but do not want him/others touching equipment for quality assurance purposes. Brad states he has been performing "checks" on pids using a sharpie - Told him not to do this - as it can ruin the machine's sensors. Any high PID spikes since beginning of project may be a result of Brad's "checks", as we have not encountered any actual in-field reading spikes. Reported to B. Ahrens. (Marsh)
11:50 Drum encountered in NF corner @ ~2.5' bgs - removed from excavation and placed in rolloff container. Did not contain liquid/product. — #33
12:00 Break for lunch. Equipment exhaust may have caused slight PID spike - disregard
12:30 Resume work.

Signature: [signature]




Date: 7/29/24

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** Bisonite | **Marsh Personnel:** Spirito |
| **Project Number:** 100.002 | **Contractor:** Sessler |
| **Time Onsite:** 11 | **Time Offsite:** |
| ***Description of Activities:*** | |

13:15 ~~Drum~~ drum # 33 encountered on NE wall of excavation, appears to be water dripping out of it. drained and placed in roll off
13:20 matt (sessler's Safety personnel) onsite
13:45 drum # 34 in NE corner.
13:55 drum #35 in NE corner
14:30 Drum #36 in NE corner - contains thick lacquer-type material. Thick paint waste mixed into to soil - moving to roll off.
14:45 Drum #37 in NE corner - empty.
14:52 Drum #38 in NE corner
15:10 Earthwork done for day. Covering piles, filling excavation w/ 2 buckets of sawdust
15:15 Spirito offsite

Signature: Emily C Sped

Date: 7/29/24

Non haz soil truckloads for export off-site ~~:~~

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** Former Bisonit paint Co. | **Marsh Personnel:** Spirito |
| **Project Number:** 100.002 | **Contractor:** Sessler |
| **Time Onsite:** 07:20 | **Time Offsite:** |

***Description of Activities:***

07:20 Spirito onsite. 1 dumptruck being loaded w/ non-haz material for pre-approved disposal offsite at.

07:25 Sessler setting up additional stockpile area for "Haz" material pile, Set up stone berm around poly-lined stockpile ~08:00 Brad DEC onsite.

08:40 Begin excavation of north side of lagoon area, Stone, asphalt and soils being stockpiled in respective piles. Roll off with drums and grossly-contaminated materials full- moving out of work area

09:40 5-gal pail ~~Drum~~ encountered @ northern boundary, ~~drum #39~~ @ contains liquid (yellow paint)

10:15 Drum #39 & #40 in NE corner / on eastern wall.

10:20 Drum #41 on eastern wall

10: Lagoon-SW-N-7.7 collected 7.7ft bgs.

10:45 Test pit approx. 11' to the north of lagoon area dug (TP-01), no impacts or signs of paint waste encountered. Test pit terminated @ 7' bgs. saw dust pile moved to testpit area once backfilled

11:40 Excavation of lagoon continues. heading towards east

12:00 Lunch - Brad offsite

12:30 Matt (SES) and Josh (NYSDEC) onsite.

12:50 Drum #42 on east wall. Drum #43

13:00 Mixing in saw dust with ~~wet~~ wet soils.

13:30 Drum #43

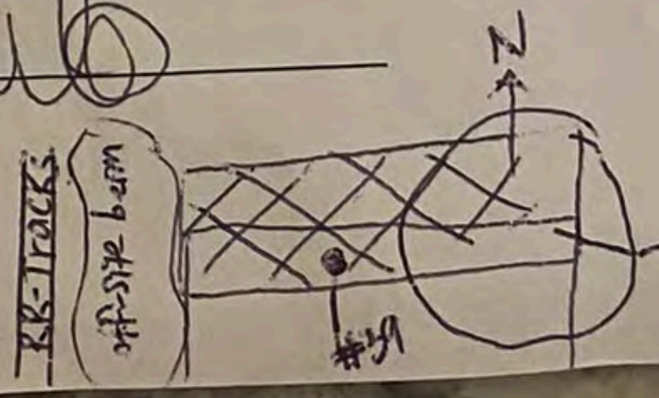
13:55 Drum #44 ~~#45~~ located ~7-8' bgs.

15:15 Earth work complete for day, placed 3 loader buckets on floor of excavation to prepare for incoming rain

15:25 Spirito offsite.

Signature: Emily Spirito

Date: 7/30/24




Bulk of drums/ Paint waste found here

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

| | |
|---|---|
| **Project Name:** Former Bisonite paint co. | **Marsh Personnel:** E. Spirito |
| **Project Number:** 100.002 | **Contractor:** Sessler |
| **Time Onsite:** 07:20 | **Time Offsite:** |

***Description of Activities:***

07:20 Spirito onsite, Sessler servicing equipment.
08:00 uncovering soil piles, scraping any additional soil off pavement.
08:25 Brad (DEC) onsite.
08:30 continue excavating soils in NE area of former lagoon.
08:40 F. Thomas begins bailing MW-4 dry in preparation for decommis
~1" layer of product on surface water of well.
09:10 Drum #46
10:00 Drums #s 47, 48, 49 & 50. Large areas of dry paint along eastern wall.
10:30 Equipment driving by DW camp station, May impact PID readings due to exhaust. Will monitor.
10:30 Spreading more poly to place "haz" materials on.
11:10 Drum #51
11:10 M. Keller (NYSDEC) onsite.
11:30 Drum #52
12:00 M. Keller offsite. Soils appear to clean up around 8-8.5' bgs in center of lagoon - 9ppm PID reading.
12:45 continue work east in lagoon excavation
14:00 Earthwork in lagoon done for day to make more room on site for stockpiles.
Spirito offsite

Emily L Spirito

Date: 7/31/24

FIGURE 1

SITE NAME: Bisonite

SITE ID.:
INSPECTOR: ES
DATE/TIME: 7/31/24
WELl ID.: MW-4

MONITORING WELL FIELD INSPECTION LOG
NYSDEC WELL DECOMMISSIONING PROGRAM

| | YES | NO |
|---|---|---|
| WELL VISIBLE? (If not, provide directions below) | X | |
| WELL I.D. VISIBLE? | | X |
| WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back) | X | |

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:

| | YES | NO |
|---|---|---|
| SURFACE SEAL PRESENT? | X | |
| SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) | X | |
| PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) | X | |

| | |
|---|---|
| HEADSPACE READING (ppm) AND INSTRUMENT USED | 411 ppm (PID) |
| TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) | Steel/curbbox |
| PROTECTIVE CASING MATERIAL TYPE: | |
| MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): | |

| | YES | NO |
|---|---|---|
| LOCK PRESENT? | | X |
| LOCK FUNCTIONAL? | | X |
| DID YOU REPLACE THE LOCK? | | X |
| IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below) | | X |
| WELL MEASURING POINT VISIBLE? | X | |

| | |
|---|---|
| MEASURE WELL DEPTH FROM MEASURING POINT (Feet): | 12.5' |
| MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): | 2.0' |
| MEASURE WELL DIAMETER (Inches): | 2" |
| WELL CASING MATERIAL: | PVC |
| PHYSICAL CONDITION OF VISIBLE WELL CASING: | Good |
| ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE | N/A |
| PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES | N/A |

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Located in paved parking lot, not in close proximity to any structures

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

on pavement in urban setting

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

- Former Bisonite paint Lagoon

REMARKS:

FIGURE 3

# WELL DECOMMISSIONING RECORD

| | |
|---|---|
| Site Name: | Well I.D.: |
| Site Location: | Driller: |
| Drilling Co.: | Inspector: |
| | Date: |

## DECOMMISSIONING DATA
(Fill in all that apply)

**OVERDRILLING**

| | |
|---|---|
| Interval Drilled | |
| Drilling Method(s) | |
| Borehole Dia. (in.) | |
| Temporary Casing Installed? (y/n) | |
| Depth temporary casing installed | |
| Casing type/dia. (in.) | |
| Method of installing | |

**CASING PULLING**

| | |
|---|---|
| Method employed | |
| Casing retrieved (feet) | |
| Casing type/dia. (in) | |

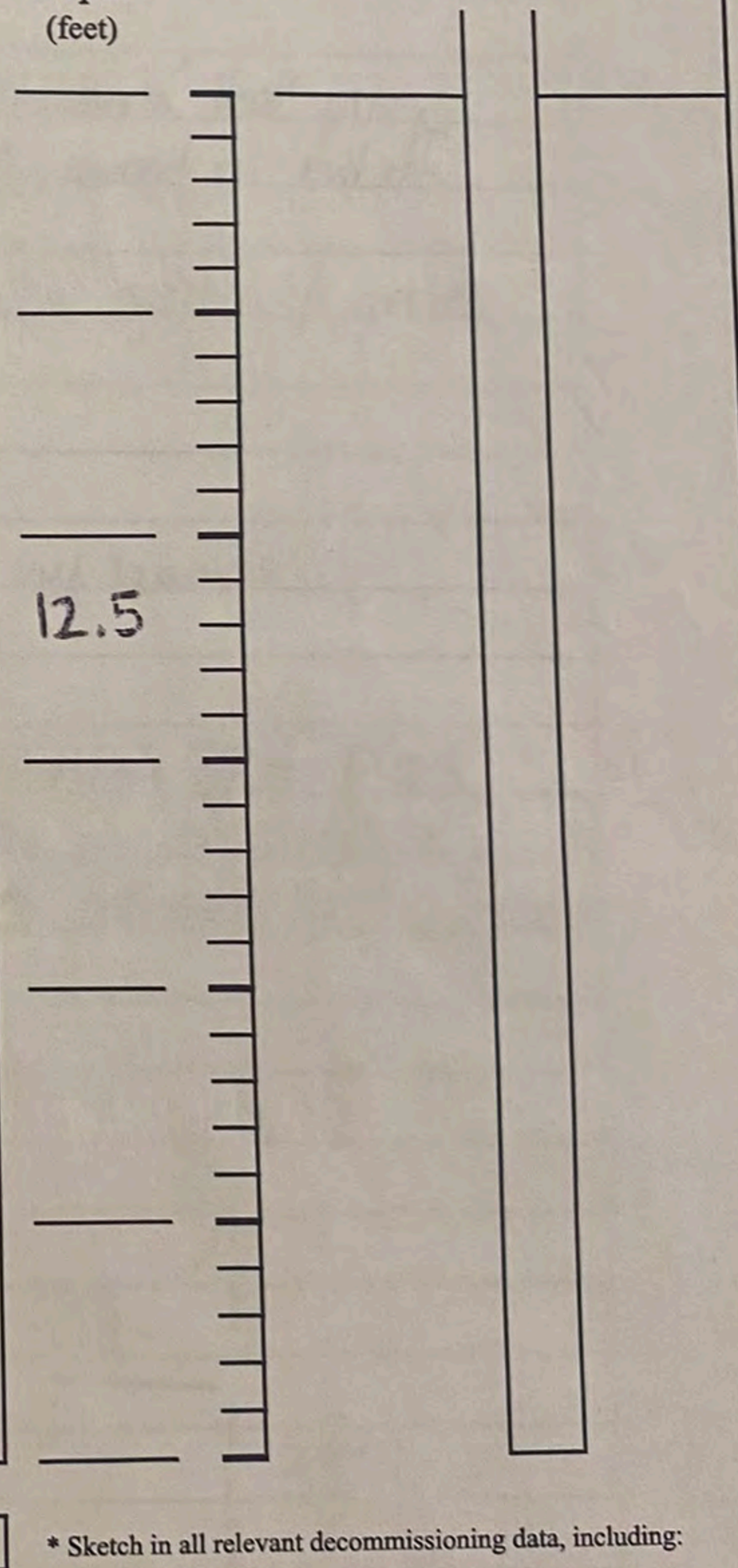
**CASING PERFORATING**

| | |
|---|---|
| Equipment used | |
| Number of perforations/foot | |
| Size of perforations | |
| Interval perforated | |

**GROUTING**

| | |
|---|---|
| Interval grouted (FBLS) | 0-12.5 'bgs |
| # of batches prepared | |
| For each batch record: | |
| Quantity of water used (gal.) | 3 gal |
| Quantity of cement used (lbs.) | 8 lbs |
| Cement type | |
| Quantity of bentonite used (lbs.) | 2 lbs |
| Quantity of calcium chloride used (lbs.) | |
| Volume of grout prepared (gal.) | |
| Volume of grout used (gal.) | |

## WELL SCHEMATIC*




| COMMENTS: |
|---|
| |
| |
| |

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Sessler
Drilling Contractor

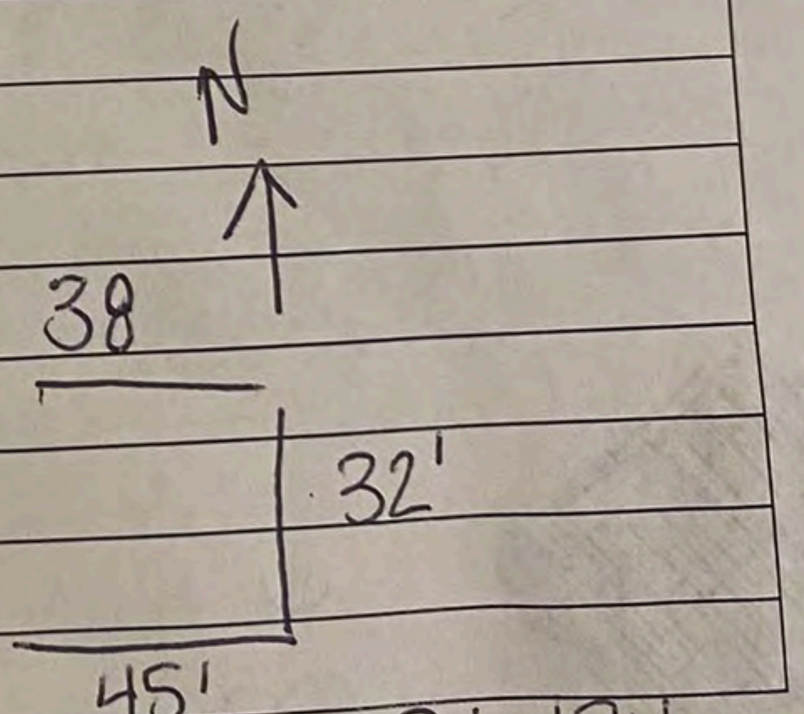
Emily Spinelo - Marsh
Department Representative

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** Bisonite | **Marsh Personnel:** Spirito |
| **Project Number:** 100.002 | **Contractor:** Sessler |
| **Time Onsite:** 07:15 | **Time Offsite:** |
| ***Description of Activities:*** | |

07:15 Spirito onsite. Sessler laying poly sheeting and a berm for additional "haz" material stockpiling. Camp set up.
08:20 Begin excavating on eastern wall of lagoon, loading to "Haz" pile.
09:15 Brad (DEC) onsite. Drum #53 encountered, placed in roll off. all metal piping placed on poly.
09:50 Sessler decommissioning MW-4, filling entire well w/ grout
10:30 Drum #54
10:40 Drum #55, #56
11:30 Drum #56, #57
13:10 Drums #58, 59, & 60 - All filled w/ liquids
13:12 Drum # 61, 62.
13:30 Matt (SES) onsite.
14:20 Scraping up base of excavation, covering soil piles. mixing water w/ Biosolve to spray in excavation; along w/ placing woodchips on base to absorb any liquids going into. weekend.
1510 All parties offsite




Signature: Emily Spirito Date: 8/1/24

**Bisonite Paint Co,**
**CAMP Data: DustTrak II - UPWIND**
**July 18 - 26, 2024**

TrakPro Version 4.70 ASCII Data File

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 001 |
| Test Abbreviation: | MANUAL_001 |
| Start Date: | 7/18/2024 |
| Start Time: | 8:01:07 |
| Duration (dd:hh:mm:ss): | 0:06:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 27 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.002 |
| | Minimum: | -0.001 |
| | Time of Minimum: | 11:01:07 |
| | Date of Minimum: | 7/18/2024 |
| | Maximum: | 0.031 |
| | Time of Maximum: | 9:46:07 |
| | Date of Maximum: | 7/18/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/18/2024 | 8:16:07 | 0.007 |
| 7/18/2024 | 8:31:07 | 0.003 |
| 7/18/2024 | 8:46:07 | 0.001 |
| 7/18/2024 | 9:01:07 | 0.001 |
| 7/18/2024 | 9:16:07 | 0 |
| 7/18/2024 | 9:31:07 | 0.002 |
| 7/18/2024 | 9:46:07 | 0.031 |
| 7/18/2024 | 10:01:07 | 0 |
| 7/18/2024 | 10:16:07 | 0 |
| 7/18/2024 | 10:31:07 | 0 |

| | | |
|---|---|---|
| 7/18/2024 | 10:46:07 | 0 |
| 7/18/2024 | 11:01:07 | -0.001 |
| 7/18/2024 | 11:16:07 | 0.002 |
| 7/18/2024 | 11:31:07 | 0.001 |
| 7/18/2024 | 11:46:07 | -0.001 |
| 7/18/2024 | 12:01:07 | -0.001 |
| 7/18/2024 | 12:16:07 | -0.001 |
| 7/18/2024 | 12:31:07 | 0 |
| 7/18/2024 | 12:46:07 | 0 |
| 7/18/2024 | 13:01:07 | 0.002 |
| 7/18/2024 | 13:16:07 | 0 |
| 7/18/2024 | 13:31:07 | 0 |
| 7/18/2024 | 13:46:07 | 0 |
| 7/18/2024 | 14:01:07 | 0 |
| 7/18/2024 | 14:16:07 | 0 |
| 7/18/2024 | 14:31:07 | 0 |
| 7/18/2024 | 14:46:07 | 0 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 002 |
| Test Abbreviation: | MANUAL_002 |
| Start Date: | 7/19/2024 |
| Start Time: | 7:25:24 |
| Duration (dd:hh:mm:ss): | 0:06:00:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 24 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.008 |
| | Minimum: | 0 |
| | Time of Minimum: | 8:25:24 |
| | Date of Minimum: | 7/19/2024 |
| | Maximum: | 0.061 |
| | Time of Maximum: | 12:10:24 |
| | Date of Maximum: | 7/19/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 4/29/2024 |

| | | |
|---|---|---|
| Date | Time | AEROSOL |

| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
|---|---|---|
| 7/19/2024 | 7:40:24 | 0.01 |
| 7/19/2024 | 7:55:24 | 0.005 |
| 7/19/2024 | 8:10:24 | 0.002 |
| 7/19/2024 | 8:25:24 | 0 |
| 7/19/2024 | 8:40:24 | 0 |
| 7/19/2024 | 8:55:24 | 0.001 |
| 7/19/2024 | 9:10:24 | 0 |
| 7/19/2024 | 9:25:24 | 0.004 |
| 7/19/2024 | 9:40:24 | 0 |
| 7/19/2024 | 9:55:24 | 0.002 |
| 7/19/2024 | 10:10:24 | 0.009 |
| 7/19/2024 | 10:25:24 | 0 |
| 7/19/2024 | 10:40:24 | 0 |
| 7/19/2024 | 10:55:24 | 0.004 |
| 7/19/2024 | 11:10:24 | 0.01 |
| 7/19/2024 | 11:25:24 | 0.048 |
| 7/19/2024 | 11:40:24 | 0.001 |
| 7/19/2024 | 11:55:24 | 0 |
| 7/19/2024 | 12:10:24 | 0.061 |
| 7/19/2024 | 12:25:24 | 0.001 |
| 7/19/2024 | 12:40:24 | 0.002 |
| 7/19/2024 | 12:55:24 | 0.025 |
| 7/19/2024 | 13:10:24 | 0.004 |
| 7/19/2024 | 13:25:24 | 0.001 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 003 |
| Test Abbreviation: | MANUAL_003 |
| Start Date: | 7/22/2024 |
| Start Time: | 8:19:35 |
| Duration (dd:hh:mm:ss): | 0:04:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 19 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.01 |
| | Minimum: | 0.004 |
| | Time of Minimum: | 11:04:35 |
| | Date of Minimum: | 7/22/2024 |

| | | |
|---|---|---|
| | Maximum: | 0.024 |
| | Time of Maximum: | 8:34:35 |
| | Date of Maximum: | 7/22/2024 |
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/22/2024 | 8:34:35 | 0.024 |
| 7/22/2024 | 8:49:35 | 0.018 |
| 7/22/2024 | 9:04:35 | 0.016 |
| 7/22/2024 | 9:19:35 | 0.015 |
| 7/22/2024 | 9:34:35 | 0.013 |
| 7/22/2024 | 9:49:35 | 0.008 |
| 7/22/2024 | 10:04:35 | 0.014 |
| 7/22/2024 | 10:19:35 | 0.009 |
| 7/22/2024 | 10:34:35 | 0.011 |
| 7/22/2024 | 10:49:35 | 0.005 |
| 7/22/2024 | 11:04:35 | 0.004 |
| 7/22/2024 | 11:19:35 | 0.004 |
| 7/22/2024 | 11:34:35 | 0.004 |
| 7/22/2024 | 11:49:35 | 0.004 |
| 7/22/2024 | 12:04:35 | 0.005 |
| 7/22/2024 | 12:19:35 | 0.01 |
| 7/22/2024 | 12:34:35 | 0.006 |
| 7/22/2024 | 12:49:35 | 0.005 |
| 7/22/2024 | 13:04:35 | 0.006 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 004 |
| Test Abbreviation: | MANUAL_004 |
| Start Date: | 7/24/2024 |
| Start Time: | 7:20:12 |
| Duration (dd:hh:mm:ss): | 0:04:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 18 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.04 |

| | |
|---|---|
| Minimum: | 0.012 |
| Time of Minimum: | 10:05:12 |
| Date of Minimum: | 7/24/2024 |
| Maximum: | 0.213 |
| Time of Maximum: | 9:05:12 |
| Date of Maximum: | 7/24/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/24/2024 | 7:35:12 | 0.033 |
| 7/24/2024 | 7:50:12 | 0.033 |
| 7/24/2024 | 8:05:12 | 0.022 |
| 7/24/2024 | 8:20:12 | 0.018 |
| 7/24/2024 | 8:35:12 | 0.016 |
| 7/24/2024 | 8:50:12 | 0.015 |
| 7/24/2024 | 9:05:12 | 0.213 |
| 7/24/2024 | 9:20:12 | 0.16 |
| 7/24/2024 | 9:35:12 | 0.081 |
| 7/24/2024 | 9:50:12 | 0.019 |
| 7/24/2024 | 10:05:12 | 0.012 |
| 7/24/2024 | 10:20:12 | 0.012 |
| 7/24/2024 | 10:35:12 | 0.012 |
| 7/24/2024 | 10:50:12 | 0.013 |
| 7/24/2024 | 11:05:12 | 0.012 |
| 7/24/2024 | 11:20:12 | 0.012 |
| 7/24/2024 | 11:35:12 | 0.016 |
| 7/24/2024 | 11:50:12 | 0.012 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 005 |
| Test Abbreviation: | MANUAL_005 |
| Start Date: | 7/25/2024 |
| Start Time: | 7:56:08 |
| Duration (dd:hh:mm:ss): | 0:04:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 19 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |

| | | |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | -0.003 |
| | Minimum: | -0.006 |
| | Time of Minimum: | 9:26:08 |
| | Date of Minimum: | 7/25/2024 |
| | Maximum: | 0.012 |
| | Time of Maximum: | 8:11:08 |
| | Date of Maximum: | 7/25/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/25/2024 | 8:11:08 | 0.012 |
| 7/25/2024 | 8:26:08 | 0 |
| 7/25/2024 | 8:41:08 | -0.004 |
| 7/25/2024 | 8:56:08 | -0.005 |
| 7/25/2024 | 9:11:08 | -0.005 |
| 7/25/2024 | 9:26:08 | -0.006 |
| 7/25/2024 | 9:41:08 | -0.005 |
| 7/25/2024 | 9:56:08 | -0.005 |
| 7/25/2024 | 10:11:08 | -0.001 |
| 7/25/2024 | 10:26:08 | -0.003 |
| 7/25/2024 | 10:41:08 | -0.004 |
| 7/25/2024 | 10:56:08 | -0.003 |
| 7/25/2024 | 11:11:08 | -0.004 |
| 7/25/2024 | 11:26:08 | -0.004 |
| 7/25/2024 | 11:41:08 | -0.005 |
| 7/25/2024 | 11:56:08 | -0.004 |
| 7/25/2024 | 12:11:08 | -0.004 |
| 7/25/2024 | 12:26:08 | -0.004 |
| 7/25/2024 | 12:41:08 | -0.004 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 006 |
| Test Abbreviation: | MANUAL_006 |
| Start Date: | 7/25/2024 |
| Start Time: | 12:44:59 |
| Duration (dd:hh:mm:ss): | 0:01:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 7 |

Notes:

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | -0.006 |
| | Minimum: | -0.007 |
| | Time of Minimum: | 13:44:59 |
| | Date of Minimum: | 7/25/2024 |
| | Maximum: | -0.004 |
| | Time of Maximum: | 13:29:59 |
| | Date of Maximum: | 7/25/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/25/2024 | 12:59:59 | -0.005 |
| 7/25/2024 | 13:14:59 | -0.005 |
| 7/25/2024 | 13:29:59 | -0.004 |
| 7/25/2024 | 13:44:59 | -0.007 |
| 7/25/2024 | 13:59:59 | -0.006 |
| 7/25/2024 | 14:14:59 | -0.006 |
| 7/25/2024 | 14:29:59 | -0.006 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 007 |
| Test Abbreviation: | MANUAL_007 |
| Start Date: | 7/26/2024 |
| Start Time: | 7:58:39 |
| Duration (dd:hh:mm:ss): | 0:05:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 23 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | -0.031 |
| | Minimum: | -0.049 |
| | Time of Minimum: | 10:43:39 |
| | Date of Minimum: | 7/26/2024 |
| | Maximum: | 0.036 |

| | | | |
|---|---|---|---|
| | | Time of Maximum: | 10:13:39 |
| | | Date of Maximum: | 7/26/2024 |
| | | | |
| Calibration | | Sensor: | AEROSOL |
| | | Cal. date | 4/29/2024 |
| | | | |
| Date | | Time | AEROSOL |
| MM/dd/yyyy | | hh:mm:ss | mg/m^3 |
| | 7/26/2024 | 8:13:39 | -0.036 |
| | 7/26/2024 | 8:28:39 | -0.045 |
| | 7/26/2024 | 8:43:39 | -0.046 |
| | 7/26/2024 | 8:58:39 | -0.046 |
| | 7/26/2024 | 9:13:39 | -0.011 |
| | 7/26/2024 | 9:28:39 | -0.043 |
| | 7/26/2024 | 9:43:39 | -0.045 |
| | 7/26/2024 | 9:58:39 | -0.031 |
| | 7/26/2024 | 10:13:39 | 0.036 |
| | 7/26/2024 | 10:28:39 | -0.015 |
| | 7/26/2024 | 10:43:39 | -0.049 |
| | 7/26/2024 | 10:58:39 | -0.045 |
| | 7/26/2024 | 11:13:39 | -0.042 |
| | 7/26/2024 | 11:28:39 | 0.016 |
| | 7/26/2024 | 11:43:39 | -0.043 |
| | 7/26/2024 | 11:58:39 | -0.029 |
| | 7/26/2024 | 12:13:39 | -0.024 |
| | 7/26/2024 | 12:28:39 | -0.04 |
| | 7/26/2024 | 12:43:39 | -0.046 |
| | 7/26/2024 | 12:58:39 | -0.045 |
| | 7/26/2024 | 13:13:39 | -0.043 |
| | 7/26/2024 | 13:28:39 | -0.033 |
| | 7/26/2024 | 13:43:39 | 0.003 |

**Bisonite Paint Co.**
**CAMP Data: DustTrac- DOWN WIND**
**July 18 - 26, 2024**

TrakPro Version 4.70 ASCII Data File

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 1 |
| Test Abbreviation: | MANUAL_001 |
| Start Date: | 7/18/2024 |
| Start Time: | 7:52:24 |
| Duration (dd:hh:mm: | 0:07:15:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 29 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.021 |
| | Minimum: | 0.009 |
| | Time of Minimum: | 8:07:24 |
| | Date of Minimum: | 7/18/2024 |
| | Maximum: | 0.073 |
| | Time of Maximum: | 15:07:24 |
| | Date of Maximum: | 7/18/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/18/2024 | 8:07:24 | 0.009 |
| 7/18/2024 | 8:22:24 | 0.009 |
| 7/18/2024 | 8:37:24 | 0.017 |
| 7/18/2024 | 8:52:24 | 0.01 |
| 7/18/2024 | 9:07:24 | 0.011 |
| 7/18/2024 | 9:22:24 | 0.013 |
| 7/18/2024 | 9:37:24 | 0.012 |
| 7/18/2024 | 9:52:24 | 0.015 |
| 7/18/2024 | 10:07:24 | 0.014 |
| 7/18/2024 | 10:22:24 | 0.016 |
| 7/18/2024 | 10:37:24 | 0.017 |
| 7/18/2024 | 10:52:24 | 0.016 |
| 7/18/2024 | 11:07:24 | 0.02 |
| 7/18/2024 | 11:22:24 | 0.017 |
| 7/18/2024 | 11:37:24 | 0.022 |

| | | |
|---|---|---|
| 7/18/2024 | 11:52:24 | 0.015 |
| 7/18/2024 | 12:07:24 | 0.016 |
| 7/18/2024 | 12:22:24 | 0.017 |
| 7/18/2024 | 12:37:24 | 0.018 |
| 7/18/2024 | 12:52:24 | 0.019 |
| 7/18/2024 | 13:07:24 | 0.019 |
| 7/18/2024 | 13:22:24 | 0.018 |
| 7/18/2024 | 13:37:24 | 0.024 |
| 7/18/2024 | 13:52:24 | 0.052 |
| 7/18/2024 | 14:07:24 | 0.019 |
| 7/18/2024 | 14:22:24 | 0.028 |
| 7/18/2024 | 14:37:24 | 0.035 |
| 7/18/2024 | 14:52:24 | 0.04 |
| 7/18/2024 | 15:07:24 | 0.073 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 2 |
| Test Abbreviation: | MANUAL_002 |
| Start Date: | 7/19/2024 |
| Start Time: | 7:22:32 |
| Duration (dd:hh:mm: | 0:06:00:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 24 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.019 |
| | Minimum: | 0.012 |
| | Time of Minimum: | 8:37:32 |
| | Date of Minimum: | 7/19/2024 |
| | Maximum: | 0.026 |
| | Time of Maximum: | 11:37:32 |
| | Date of Maximum: | 7/19/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/19/2024 | 7:37:32 | 0.016 |
| 7/19/2024 | 7:52:32 | 0.014 |
| 7/19/2024 | 8:07:32 | 0.015 |
| 7/19/2024 | 8:22:32 | 0.013 |
| 7/19/2024 | 8:37:32 | 0.012 |
| 7/19/2024 | 8:52:32 | 0.013 |

| | | |
|---|---|---|
| 7/19/2024 | 9:07:32 | 0.012 |
| 7/19/2024 | 9:22:32 | 0.015 |
| 7/19/2024 | 9:37:32 | 0.016 |
| 7/19/2024 | 9:52:32 | 0.019 |
| 7/19/2024 | 10:07:32 | 0.023 |
| 7/19/2024 | 10:22:32 | 0.019 |
| 7/19/2024 | 10:37:32 | 0.021 |
| 7/19/2024 | 10:52:32 | 0.02 |
| 7/19/2024 | 11:07:32 | 0.021 |
| 7/19/2024 | 11:22:32 | 0.022 |
| 7/19/2024 | 11:37:32 | 0.026 |
| 7/19/2024 | 11:52:32 | 0.021 |
| 7/19/2024 | 12:07:32 | 0.022 |
| 7/19/2024 | 12:22:32 | 0.021 |
| 7/19/2024 | 12:37:32 | 0.02 |
| 7/19/2024 | 12:52:32 | 0.022 |
| 7/19/2024 | 13:07:32 | 0.021 |
| 7/19/2024 | 13:22:32 | 0.021 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 3 |
| Test Abbreviation: | MANUAL_003 |
| Start Date: | 7/22/2024 |
| Start Time: | 8:15:32 |
| Duration (dd:hh:mm: | 0:05:00:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 20 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.035 |
| | Minimum: | 0.029 |
| | Time of Minimum: | 10:00:32 |
| | Date of Minimum: | 7/22/2024 |
| | Maximum: | 0.081 |
| | Time of Maximum: | 8:30:32 |
| | Date of Maximum: | 7/22/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/22/2024 | 8:30:32 | 0.081 |

| | | |
|---|---|---|
| 7/22/2024 | 8:45:32 | 0.032 |
| 7/22/2024 | 9:00:32 | 0.031 |
| 7/22/2024 | 9:15:32 | 0.034 |
| 7/22/2024 | 9:30:32 | 0.032 |
| 7/22/2024 | 9:45:32 | 0.032 |
| 7/22/2024 | 10:00:32 | 0.029 |
| 7/22/2024 | 10:15:32 | 0.029 |
| 7/22/2024 | 10:30:32 | 0.032 |
| 7/22/2024 | 10:45:32 | 0.033 |
| 7/22/2024 | 11:00:32 | 0.031 |
| 7/22/2024 | 11:15:32 | 0.031 |
| 7/22/2024 | 11:30:32 | 0.032 |
| 7/22/2024 | 11:45:32 | 0.033 |
| 7/22/2024 | 12:00:32 | 0.034 |
| 7/22/2024 | 12:15:32 | 0.034 |
| 7/22/2024 | 12:30:32 | 0.035 |
| 7/22/2024 | 12:45:32 | 0.038 |
| 7/22/2024 | 13:00:32 | 0.036 |
| 7/22/2024 | 13:15:32 | 0.037 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 4 |
| Test Abbreviation: | MANUAL_004 |
| Start Date: | 7/24/2024 |
| Start Time: | 9:22:26 |
| Duration (dd:hh:mm: | 0:02:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 11 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.042 |
| | Minimum: | 0.035 |
| | Time of Minimum: | 10:07:26 |
| | Date of Minimum: | 7/24/2024 |
| | Maximum: | 0.055 |
| | Time of Maximum: | 11:37:26 |
| | Date of Maximum: | 7/24/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 1/25/2024 |

| | | |
|---|---|---|
| Date | Time | AEROSOL |
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |

| | | |
|---|---|---|
| 7/24/2024 | 9:37:26 | 0.047 |
| 7/24/2024 | 9:52:26 | 0.037 |
| 7/24/2024 | 10:07:26 | 0.035 |
| 7/24/2024 | 10:22:26 | 0.036 |
| 7/24/2024 | 10:37:26 | 0.038 |
| 7/24/2024 | 10:52:26 | 0.038 |
| 7/24/2024 | 11:07:26 | 0.039 |
| 7/24/2024 | 11:22:26 | 0.042 |
| 7/24/2024 | 11:37:26 | 0.055 |
| 7/24/2024 | 11:52:26 | 0.043 |
| 7/24/2024 | 12:07:26 | 0.048 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 5 |
| Test Abbreviation: | MANUAL_005 |
| Start Date: | 7/25/2024 |
| Start Time: | 7:52:24 |
| Duration (dd:hh:mm: | 0:06:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 27 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.022 |
| | Minimum: | 0.009 |
| | Time of Minimum: | 8:52:24 |
| | Date of Minimum: | 7/25/2024 |
| | Maximum: | 0.076 |
| | Time of Maximum: | 8:37:24 |
| | Date of Maximum: | 7/25/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/25/2024 | 8:07:24 | 0.03 |
| 7/25/2024 | 8:22:24 | 0.018 |
| 7/25/2024 | 8:37:24 | 0.076 |
| 7/25/2024 | 8:52:24 | 0.009 |
| 7/25/2024 | 9:07:24 | 0.011 |
| 7/25/2024 | 9:22:24 | 0.012 |
| 7/25/2024 | 9:37:24 | 0.013 |
| 7/25/2024 | 9:52:24 | 0.013 |

| | | |
|---|---|---|
| 7/25/2024 | 10:07:24 | 0.017 |
| 7/25/2024 | 10:22:24 | 0.017 |
| 7/25/2024 | 10:37:24 | 0.018 |
| 7/25/2024 | 10:52:24 | 0.019 |
| 7/25/2024 | 11:07:24 | 0.018 |
| 7/25/2024 | 11:22:24 | 0.018 |
| 7/25/2024 | 11:37:24 | 0.018 |
| 7/25/2024 | 11:52:24 | 0.019 |
| 7/25/2024 | 12:07:24 | 0.02 |
| 7/25/2024 | 12:22:24 | 0.02 |
| 7/25/2024 | 12:37:24 | 0.021 |
| 7/25/2024 | 12:52:24 | 0.022 |
| 7/25/2024 | 13:07:24 | 0.022 |
| 7/25/2024 | 13:22:24 | 0.028 |
| 7/25/2024 | 13:37:24 | 0.023 |
| 7/25/2024 | 13:52:24 | 0.028 |
| 7/25/2024 | 14:07:24 | 0.026 |
| 7/25/2024 | 14:22:24 | 0.024 |
| 7/25/2024 | 14:37:24 | 0.027 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 6 |
| Test Abbreviation: | MANUAL_006 |
| Start Date: | 7/26/2024 |
| Start Time: | 7:55:59 |
| Duration (dd:hh:mm: | 0:06:00:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 24 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.03 |
| | Minimum: | 0.022 |
| | Time of Minimum: | 9:40:59 |
| | Date of Minimum: | 7/26/2024 |
| | Maximum: | 0.039 |
| | Time of Maximum: | 13:55:59 |
| | Date of Maximum: | 7/26/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 1/25/2024 |

| | | |
|---|---|---|
| Date | Time | AEROSOL |
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |

| | | |
|---|---|---|
| 7/26/2024 | 8:10:59 | 0.032 |
| 7/26/2024 | 8:25:59 | 0.028 |
| 7/26/2024 | 8:40:59 | 0.026 |
| 7/26/2024 | 8:55:59 | 0.023 |
| 7/26/2024 | 9:10:59 | 0.023 |
| 7/26/2024 | 9:25:59 | 0.024 |
| 7/26/2024 | 9:40:59 | 0.022 |
| 7/26/2024 | 9:55:59 | 0.024 |
| 7/26/2024 | 10:10:59 | 0.025 |
| 7/26/2024 | 10:25:59 | 0.025 |
| 7/26/2024 | 10:40:59 | 0.029 |
| 7/26/2024 | 10:55:59 | 0.028 |
| 7/26/2024 | 11:10:59 | 0.029 |
| 7/26/2024 | 11:25:59 | 0.03 |
| 7/26/2024 | 11:40:59 | 0.034 |
| 7/26/2024 | 11:55:59 | 0.035 |
| 7/26/2024 | 12:10:59 | 0.033 |
| 7/26/2024 | 12:25:59 | 0.034 |
| 7/26/2024 | 12:40:59 | 0.034 |
| 7/26/2024 | 12:55:59 | 0.035 |
| 7/26/2024 | 13:10:59 | 0.036 |
| 7/26/2024 | 13:25:59 | 0.037 |
| 7/26/2024 | 13:40:59 | 0.037 |
| 7/26/2024 | 13:55:59 | 0.039 |

**Bisonite Paint Co.**
**CAMP Data: PID - DOWN WIND**
**July 18 - 26, 2024**

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24/07/12 09:27

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 7/12/2024 9:27 |
| End | 7/12/2024 9:28 |
| Sample Period(s) | 60 |
| Number of Records | 0 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |

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Datalog

0 record.

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24/07/18 07:56

**********

Summary

---

| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Pause in Menu Mode |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 7/18/2024 7:56 |
| End | 7/18/2024 7:56 |
| Sample Period(s) | 60 |
| Number of Records | 0 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |

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Datalog

0 record.

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24/07/18 07:57

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 7/18/2024 7:57 |
| End | 7/18/2024 15:20 |
| Sample Period(s) | 900 |
| Number of Records | 29 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 0.1 |
| Min | 0 |
| Average | 0 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 7/18/2024 8:12 | 0 | 0 | 0 |
| 002 | 7/18/2024 8:27 | 0 | 0.1 | 0 |
| 003 | 7/18/2024 8:42 | 0 | 0.8 | 0 |
| 004 | 7/18/2024 8:57 | 0 | 0 | 0 |
| 005 | 7/18/2024 9:12 | 0 | 0 | 0 |
| 006 | 7/18/2024 9:27 | 0 | 0.1 | 0.1 |

| | | | | |
|---|---|---|---|---|
| 007 | 7/18/2024 9:42 | 0.1 | 0.1 | 0.1 |
| 008 | 7/18/2024 9:57 | 0.1 | 0.1 | 0.1 |
| 009 | 7/18/2024 10:12 | 0.1 | 0.1 | 0.1 |
| 010 | 7/18/2024 10:27 | 0.1 | 0.1 | 0.1 |
| 011 | 7/18/2024 10:42 | 0 | 0.2 | 0 |
| 012 | 7/18/2024 10:57 | 0 | 0 | 0 |
| 013 | 7/18/2024 11:12 | 0 | 0 | 0 |
| 014 | 7/18/2024 11:27 | 0 | 0 | 0 |
| 015 | 7/18/2024 11:42 | 0 | 0 | 0 |
| 016 | 7/18/2024 11:57 | 0 | 0 | 0 |
| 017 | 7/18/2024 12:12 | 0 | 0 | 0 |
| 018 | 7/18/2024 12:27 | 0 | 0 | 0 |
| 019 | 7/18/2024 12:42 | 0 | 0 | 0 |
| 020 | 7/18/2024 12:57 | 0 | 0 | 0 |
| 021 | 7/18/2024 13:12 | 0 | 0 | 0 |
| 022 | 7/18/2024 13:27 | 0 | 0 | 0 |
| 023 | 7/18/2024 13:42 | 0 | 0 | 0 |
| 024 | 7/18/2024 13:57 | 0 | 0 | 0 |
| 025 | 7/18/2024 14:12 | 0 | 0 | 0 |
| 026 | 7/18/2024 14:27 | 0 | 0 | 0 |
| 027 | 7/18/2024 14:42 | 0 | 0 | 0 |
| 028 | 7/18/2024 14:57 | 0 | 0 | 0 |
| 029 | 7/18/2024 15:12 | 0 | 0 | 0 |
| Peak | | 0.1 | 0.8 | 0.1 |
| Min | | 0 | 0 | 0 |
| Average | | 0 | 0.1 | 0 |

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TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 7/18/2024 8:12 | 0 | 0 |
| 002 | 7/18/2024 8:27 | 0 | 0 |
| 003 | 7/18/2024 8:42 | 0 | 0 |
| 004 | 7/18/2024 8:57 | 0 | 0 |
| 005 | 7/18/2024 9:12 | 0 | 0 |
| 006 | 7/18/2024 9:27 | 0 | 0.1 |
| 007 | 7/18/2024 9:42 | 0 | 0.2 |
| 008 | 7/18/2024 9:57 | 0 | 0.2 |
| 009 | 7/18/2024 10:12 | 0 | 0.2 |
| 010 | 7/18/2024 10:27 | 0 | 0.2 |
| 011 | 7/18/2024 10:42 | 0 | 0.1 |
| 012 | 7/18/2024 10:57 | 0 | 0 |
| 013 | 7/18/2024 11:12 | 0 | 0 |

| | | | |
|---|---|---|---|
| 014 | 7/18/2024 11:27 | 0 | 0 |
| 015 | 7/18/2024 11:42 | 0 | 0 |
| 016 | 7/18/2024 11:57 | 0 | 0 |
| 017 | 7/18/2024 12:12 | 0 | 0 |
| 018 | 7/18/2024 12:27 | 0 | 0 |
| 019 | 7/18/2024 12:42 | 0 | 0 |
| 020 | 7/18/2024 12:57 | 0 | 0 |
| 021 | 7/18/2024 13:12 | 0 | 0 |
| 022 | 7/18/2024 13:27 | 0 | 0 |
| 023 | 7/18/2024 13:42 | 0 | 0 |
| 024 | 7/18/2024 13:57 | 0 | 0 |
| 025 | 7/18/2024 14:12 | 0 | 0 |
| 026 | 7/18/2024 14:27 | 0 | 0 |
| 027 | 7/18/2024 14:42 | 0 | 0 |
| 028 | 7/18/2024 14:57 | 0 | 0 |
| 029 | 7/18/2024 15:12 | 0 | 0 |

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24/07/19 07:28

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 7/19/2024 7:28 |
| End | 7/19/2024 8:32 |
| Sample Period(s) | 900 |
| Number of Records | 4 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |

| | |
|---|---|
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 0 |
| Min | 0 |
| Average | 0 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 7/19/2024 7:43 | 0 | 0 | 0 |
| 002 | 7/19/2024 7:58 | 0 | 0 | 0 |
| 003 | 7/19/2024 8:13 | 0 | 0 | 0 |
| 004 | 7/19/2024 8:28 | 0 | 0 | 0 |
| Peak | | 0 | 0 | 0 |
| Min | | 0 | 0 | 0 |
| Average | | 0 | 0 | 0 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 7/19/2024 7:43 | 0 | 0 |
| 002 | 7/19/2024 7:58 | 0 | 0 |
| 003 | 7/19/2024 8:13 | 0 | 0 |
| 004 | 7/19/2024 8:28 | 0 | 0 |

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24/07/19 10:17

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 7/19/2024 10:17 |
| End | 7/19/2024 11:16 |
| Sample Period(s) | 900 |
| Number of Records | 3 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 0.1 |
| Min | 0.1 |
| Average | 0.1 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 7/19/2024 10:32 | 0.1 | 0.2 | 0.1 |
| 002 | 7/19/2024 10:47 | 0.1 | 0.1 | 0.1 |
| 003 | 7/19/2024 11:02 | 0.1 | 0.1 | 0.1 |
| Peak | | 0.1 | 0.2 | 0.1 |
| Min | | 0.1 | 0.1 | 0.1 |
| Average | | 0.1 | 0.1 | 0.1 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 7/19/2024 10:32 | 0 | 0.1 |
| 002 | 7/19/2024 10:47 | 0 | 0.2 |
| 003 | 7/19/2024 11:02 | 0 | 0.2 |

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24/07/23 09:42

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

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| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 7/23/2024 9:42 |
| End | 7/23/2024 9:42 |
| Sample Period(s) | 900 |
| Number of Records | 0 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |

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Datalog

0 record.

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24/07/24 09:33

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |

| | |
|---|---|
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

---

| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 7/24/2024 9:33 |
| End | 7/24/2024 12:20 |
| Sample Period(s) | 900 |
| Number of Records | 11 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 0.5 |
| Min | 0 |
| Average | 0.1 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 7/24/2024 9:48 | 0 | 0.3 | 0 |
| 002 | 7/24/2024 10:03 | 0 | 0.3 | 0 |
| 003 | 7/24/2024 10:18 | 0 | 0.1 | 0 |
| 004 | 7/24/2024 10:33 | 0 | 0.1 | 0 |
| 005 | 7/24/2024 10:48 | 0 | 0.1 | 0 |
| 006 | 7/24/2024 11:03 | 0 | 0.2 | 0.1 |
| 007 | 7/24/2024 11:18 | 0.1 | 0.2 | 0.1 |
| 008 | 7/24/2024 11:33 | 0.2 | 2 | 0.5 |

| | | | | |
|---|---|---|---|---|
| 009 | 7/24/2024 11:48 | 0.5 | 3.3 | 0.3 |
| 010 | 7/24/2024 12:03 | 0.2 | 1.4 | 0.1 |
| 011 | 7/24/2024 12:18 | 0.1 | 0.6 | 0.1 |
| Peak | | 0.5 | 3.3 | 0.5 |
| Min | | 0 | 0.1 | 0 |
| Average | | 0.1 | 0.8 | 0.1 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 7/24/2024 9:48 | 0 | 0 |
| 002 | 7/24/2024 10:03 | 0 | 0 |
| 003 | 7/24/2024 10:18 | 0 | 0 |
| 004 | 7/24/2024 10:33 | 0 | 0 |
| 005 | 7/24/2024 10:48 | 0 | 0 |
| 006 | 7/24/2024 11:03 | 0 | 0.1 |
| 007 | 7/24/2024 11:18 | 0 | 0.2 |
| 008 | 7/24/2024 11:33 | 0 | 0.6 |
| 009 | 7/24/2024 11:48 | 0 | 0.8 |
| 010 | 7/24/2024 12:03 | 0 | 0.4 |
| 011 | 7/24/2024 12:18 | 0 | 0.2 |

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24/07/25 08:03

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 7/25/2024 8:03 |
| End | 7/25/2024 14:51 |
| Sample Period(s) | 900 |
| Number of Records | 27 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 1.4 |
| Min | 0 |
| Average | 0.4 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 7/25/2024 8:18 | 0 | 0 | 0 |
| 002 | 7/25/2024 8:33 | 0 | 0.1 | 0 |
| 003 | 7/25/2024 8:48 | 0.1 | 0.1 | 0.1 |
| 004 | 7/25/2024 9:03 | 0.1 | 0.1 | 0.1 |
| 005 | 7/25/2024 9:18 | 0.1 | 0.2 | 0.1 |
| 006 | 7/25/2024 9:33 | 0.2 | 0.2 | 0.2 |
| 007 | 7/25/2024 9:48 | 0.2 | 0.2 | 0.2 |
| 008 | 7/25/2024 10:03 | 0.2 | 0.6 | 0.2 |
| 009 | 7/25/2024 10:18 | 0.2 | 0.6 | 0.2 |
| 010 | 7/25/2024 10:33 | 0.2 | 0.4 | 0.3 |
| 011 | 7/25/2024 10:48 | 0.4 | 1.5 | 0.2 |
| 012 | 7/25/2024 11:03 | 0.4 | 1.2 | 0.5 |
| 013 | 7/25/2024 11:18 | 0.3 | 0.6 | 0.2 |
| 014 | 7/25/2024 11:33 | 0.3 | 0.7 | 0.6 |
| 015 | 7/25/2024 11:48 | 0.3 | 0.6 | 0.4 |
| 016 | 7/25/2024 12:03 | 0.5 | 2 | 1.1 |
| 017 | 7/25/2024 12:18 | 0.5 | 1.3 | 0.3 |
| 018 | 7/25/2024 12:33 | 0.4 | 0.9 | 0.5 |
| 019 | 7/25/2024 12:48 | 0.4 | 0.8 | 0.3 |
| 020 | 7/25/2024 13:03 | 0.4 | 0.7 | 0.5 |
| 021 | 7/25/2024 13:18 | 0.4 | 1.4 | 0.3 |
| 022 | 7/25/2024 13:33 | 0.6 | 1.3 | 1.1 |
| 023 | 7/25/2024 13:48 | 0.5 | 1.5 | 0.5 |
| 024 | 7/25/2024 14:03 | 0.7 | 2.9 | 0.7 |

| | | | | |
|---|---|---|---|---|
| 025 | 7/25/2024 14:18 | 1 | 2.9 | 0.6 |
| 026 | 7/25/2024 14:33 | 1.1 | 8.3 | 1.4 |
| 027 | 7/25/2024 14:48 | 1.9 | 5.5 | 1.3 |
| Peak | | 1.9 | 8.3 | 1.4 |
| Min | | 0 | 0 | 0 |
| Average | | 0.4 | 1.4 | 0.4 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 7/25/2024 8:18 | 0 | 0 |
| 002 | 7/25/2024 8:33 | 0 | 0 |
| 003 | 7/25/2024 8:48 | 0 | 0.1 |
| 004 | 7/25/2024 9:03 | 0 | 0.2 |
| 005 | 7/25/2024 9:18 | 0 | 0.2 |
| 006 | 7/25/2024 9:33 | 0 | 0.3 |
| 007 | 7/25/2024 9:48 | 0 | 0.4 |
| 008 | 7/25/2024 10:03 | 0 | 0.4 |
| 009 | 7/25/2024 10:18 | 0 | 0.4 |
| 010 | 7/25/2024 10:33 | 0 | 0.5 |
| 011 | 7/25/2024 10:48 | 0 | 0.5 |
| 012 | 7/25/2024 11:03 | 0.1 | 0.7 |
| 013 | 7/25/2024 11:18 | 0.1 | 0.7 |
| 014 | 7/25/2024 11:33 | 0.1 | 0.8 |
| 015 | 7/25/2024 11:48 | 0.1 | 1 |
| 016 | 7/25/2024 12:03 | 0.1 | 1.5 |
| 017 | 7/25/2024 12:18 | 0.1 | 1.4 |
| 018 | 7/25/2024 12:33 | 0.2 | 0.8 |
| 019 | 7/25/2024 12:48 | 0.2 | 0.8 |
| 020 | 7/25/2024 13:03 | 0.2 | 0.8 |
| 021 | 7/25/2024 13:18 | 0.2 | 0.8 |
| 022 | 7/25/2024 13:33 | 0.2 | 1.4 |
| 023 | 7/25/2024 13:48 | 0.2 | 1.6 |
| 024 | 7/25/2024 14:03 | 0.3 | 1.2 |
| 025 | 7/25/2024 14:18 | 0.3 | 1.3 |
| 026 | 7/25/2024 14:33 | 0.3 | 2 |
| 027 | 7/25/2024 14:48 | 0.4 | 2.7 |

==========

24/07/26 08:08

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Summary

---

Unit Name MiniRAE 3000(PGM-7320)

| | |
|---|---|
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

---

| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 7/26/2024 8:08 |
| End | 7/26/2024 8:17 |
| Sample Period(s) | 900 |
| Number of Records | 0 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |

**********

Datalog

0 record.

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24/07/26 13:38

**********

Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |

| | |
|---|---|
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |

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| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 7/26/2024 13:38 |
| End | 7/26/2024 13:51 |
| Sample Period(s) | 900 |
| Number of Records | 0 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |

**********

Datalog

0 record.

==========

24/07/26 15:56

**********

Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Pause in Communication Mode |

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| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 7/26/2024 15:56 |
| End | 7/26/2024 16:00 |
| Sample Period(s) | 900 |
| Number of Records | 0 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |

**********

Datalog

0 record.

100.002

MARSH ENGINEERING D.P.C.
271 Marsh Road, Suite 2
Pittsford, New York 14534
(585) 248-2413

August 7, 2024

Michael Keller, EIT
New York State Department of Environmental Conservation
Division of Environmental Remediation
700 Delaware Avenue
Buffalo, New York 14209

Re: Bisonite Paint Company BCP
Site No.: C915010
Weekly Status Report
July 29 – August 2, 2024

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Michael;

This weekly status report presents a summary of the site activities performed, community air monitoring conducted, and samples collected for laboratory analyses during the period from July 29 – August 2, 2024.

Site Activities included:

- July 29: Continued excavation along north wall of lagoon; recorded GPS coordinates of concrete pipe at western wall; encountered 6 drums in northeast corner of excavation (1 drum contained thick lacquer-like material, A test pit was excavated 11' north of the northern excavation extent, it was terminated at 7' bgs with no visual impacts or VOCs as measured with a PID.

- July 30: Four (4) truck loads of non-hazardous soil removed for off-site disposal; excavated on north side of lagoon area; 5-gallon pail containing yellow "paint" and 6 drums encountered/removed. Mixed sawdust with soil within excavation to reduce wetness.
- July 31: Continued excavating soil in northeast corner of lagoon; bailed MW-1 (approximately 1-inch layer of floating NAPL encountered/removed); approximately 7 drums encountered/removed; began excavating eastern side of former lagoon.
- August 1: Sessler began decommissioning MW-4 by filling with grout; 11 drums encountered during excavation along eastern wall of lagoon (62 drums encountered/removed to date). Excavation extents: North wall 38-feet in length; East wall 32-feet in length; South wall 42-feet in length; West wall 39-feet in length.
- August 2: No site work performed.

Field notes that contain additional details are attached.

Community air monitoring, including volatile organic compounds ("VOCs") and particulates, was conducted consistent with the Community Air Monitoring Plan ("CAMP") during the reporting period. No exceedances of VOCs or particulates were recorded.

CAMP monitoring tables are attached.

No laboratory analytical results were received during the reporting period (anticipated to receive results on August 5, 2024).

If you have any questions, please call us at (585) 248.2413.

Sincerely,

Bruce W. Ahrens
Senior Project Manager

Attachments:

Field Notes
Table 1 – CAMP Data – DustTrak – Upwind
Table 2 – CAMP Data – DustTrak – Downwind
Table 3 – CAMP Data – MiniRae - Downwind

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** Tonawanda-Former Bisonite | **Marsh Personnel:** E.Spirito |
| **Project Number:** 1077.003 | **Contractor:** Sessler |
| **Time Onsite:** 07:45 | **Time Offsite:** |

***Description of Activities:***

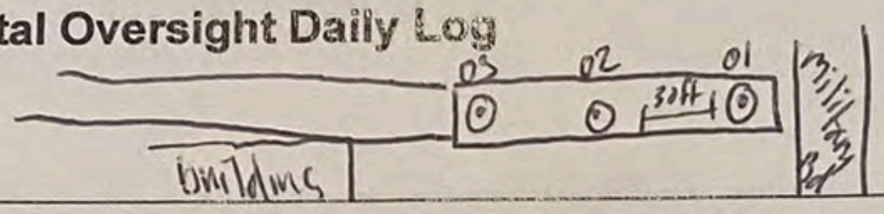
07:45 Marsh (E.Spirito) onsite. Discuss with Sessler plan for day - mobilizing equipment, plan to grub/clear vegetation in work area.
08:10 Kickoff meeting with 4 sessler workers - Go over HASP.
08:40 Begin setting up sedimentation controls - Silt fences around, snow fence area of shallow excavation and lagoon.
09:20 RAVI onsite to Perform GPR survey.
10:30 Sessler clearing vegetation along "shallow excavation" area
13:00 Thunder + lightning
13:30 Work onsite done for day. Work to begin next day.
13:35 Spirito offsite.

Signature: Emily L Spirito Date: 7/15/24

Swan trucking # 9a-953
2 trucks #

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

MARSH ENGINEERING D.P.C.




| | |
|---|---|
| **Project Name:** | **Marsh Personnel:** |
| **Project Number:** | **Contractor:** |
| **Time Onsite:** | **Time Offsite:** |
| ***Description of Activities:*** | |

07:30 Spirito (Marsh) onsite. Begin calibrating and setting up camp equipment.
08:00 Camp set up around work area - Excavation along northern section of property just south of 84 lumber - Excavation is to a depth of 1-ft bgs, direct loading into truck (Swan trucking). 2 trucks on today. Soil is medium-brown silt w/ gravel, asphalt throughout
08:20 NYSDEC onsite (Brad). Mike Keller onsite @ ~ 9:00am / offsite @ 10:10 ish.
09:30 Screening excavation trench periodically - 0ppm @ 08:30
08:40 Collect Trench-01 @ 08:40; ~~ext~~ approx 1 ft bgs.
08:40 Stone truck #1 dropped @ site for backfill.
08:55 Trench-02 collected @ 0.5-1' bgs @ 08:55
09:10 laying demarcation layer @ 1' bgs before backfilling trench w/ approved stone. Backfilling as we go approx. every 50' heading west. Trench-03. Tamping.
0935 Stone truck #2 dropped onsite.
09:50 Soil truck returns from landfill # being live loaded
10:00 Trench-03 collected @ 05-1' bgs. PID screening - 0ppm
11:41 Begin loading soil truck #3 to be transported to landfill
11:50 collect trench-04 @ 0.5-1' bgs. Screened w/ PID - 0ppm.
12:00 Trench-05 collected @ 0.5-1' bgs
13:20 Trench-06 collected @ 0.5-1' bgs
13:00 Trench-07 collected 0.5-1' bgs
13:20 Trench-08 collected @ 0.5-1' bgs
13:40 Trench-09 collected @ 0.5-1' bgs
14:00 Trench-10 collected @ 0.5-1' bgs
14:20 Done with loading trucks for day

| # of soil truckloads: |
|---|
| 1111 |

| # of stone trucks |
|---|
| 1111 |

Signature: Emily L Spirito Date: 7/18/24

lagoon

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** | **Marsh Personnel:** |
| **Project Number:** | **Contractor:** |
| **Time Onsite:** | **Time Offsite:** |

**Description of Activities:**

14:30 Encountered large root system near NW corner of property building along trench. working around roots. Backfilling excavated areas
13:40 Spirito offsite

Signature: _____ Date: 7/18/24

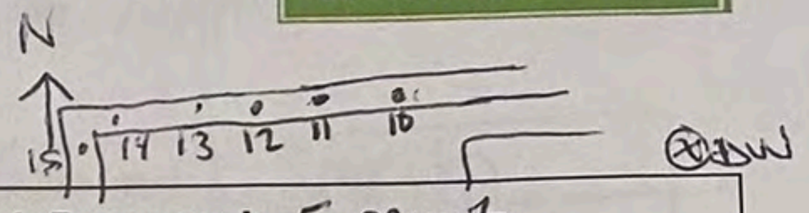
2 of 2

Stone trucks : 11

Soil trucks : 111

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily ~~Log~~**

MARSH ENGINEERING D.P.C.




| | |
|---|---|
| **Project Name:** Former Brisonite | **Marsh Personnel:** E. Spirito |
| **Project Number:** | **Contractor:** Sessler |
| **Time Onsite:** 07:15 | **Time Offsite:** |
| **Description of Activities:** * Per DEC personnel - Do not disturb root systems enough to kill tree. work around, dig shallower if necessary * | |

07:15 Spirito (marsh) onsite Sessler continuing to excavate 1' trench along Northern property boundary. Root systems inhibiting excavation to go deeper than 0.5 ft in some areas. Concrete encountered within trench, hand diggings to inspect. 1st truck of stone dropped. CAMP set up around work area.

07:40 Trench-11 (0.5) collected. Backfilling as we go.

08:30 Trench-12 (1') collected at 1' bgs

08:55 Trench-13 (1') collected at 1' bgs.

08:57 Stone truck #2 dumped

09:45 Trench-14 (1') collected @ 1' bgs

10:40 Trench-15 (1) collected @ 1' bgs

11:30 Trench-16 (1) collected @ 1' bgs

12:40 Trench-17 (1) collected @ 1' bgs

13:00 completed excavation of trenching around parking lot, backfilling remaining excavation areas.

Signature: Emily L Spirito

Date: 7/19/24

lagoon
1-2' [crusher run]
2-5 [silty clay, urban fill material] 0-5ppm
5-8' [impacts of paint, latex] 5ppm-200ppm

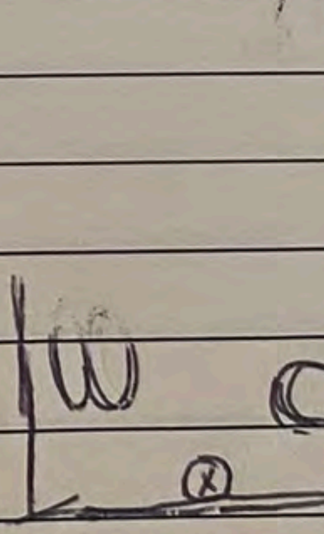
**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** Former Bisonite | **Marsh Personnel:** E. Spirito |
| **Project Number:** | **Contractor:** Sessler |
| **Time Onsite:** 07:10 | **Time Offsite:** |

**Description of Activities:**

07:10 Spirito (marsh) onsite. Work activites today include beginning excavation of former lagoon area, west of MW-4 where pavement meets vegetation.
08:00 conduct morning safety meeting
8:20 Begin excavation of former lagoon - Separate asphalt stockpile. Stockpiling non-haz and grossly haz materials by PID and visual observation etc. crusher run stone present @ 1-2' bgs, silty clay + urban fill from approximately 2-5' bgs, impacts from 5 ppm to 200ppm just above native clay. Brad (NYSDEC) onsite.
09:15 lagoon-sw-01-08 sampled at 8' bgs in clay that has no visual impacts
09:30 continue moving North to determine extent of impacts.
09:45 mike Keller (NYSDEC) onsite. Thick lacquer-type material encountered @ approx. 7' bgs in metal containers (drums?). investigating further
10:15 B. Ahrens (Marsh) onsite
10:30 more suspected drums encountered in excavation.
10:35 drum removed from excavation, set on poly
10:40 Excavation haulted until next steps are determined




pg 1 of 2

Signature: _____ Date: 7/22/24

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**
**nvi**

MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** Former Bisonite Paint | **Marsh Personnel:** E. Spirito |
| **Project Number:** | **Contractor:** Sessler |
| **Time Onsite:** | **Time Offsite:** |

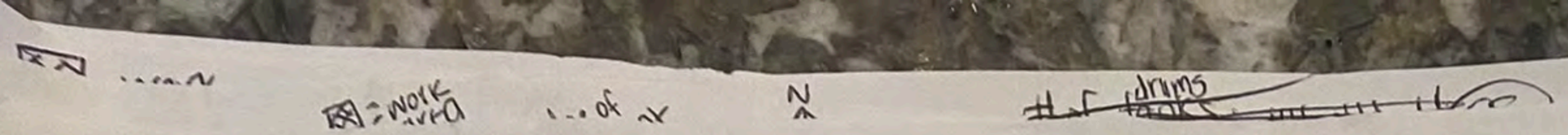
**Description of Activities:**

11:00 Sessler seeking approval from DEC to use a woodchip material to soak up liquid/laquer/paint material from excavation.
11:30 covering excavation with poly until next steps are determined. Sample of product collected - not submitted to Lab.
13:45 Spirito offsite - no more work to be done today.

Signature: Emily E Spirito

Date: 7/20/24

2 of 2



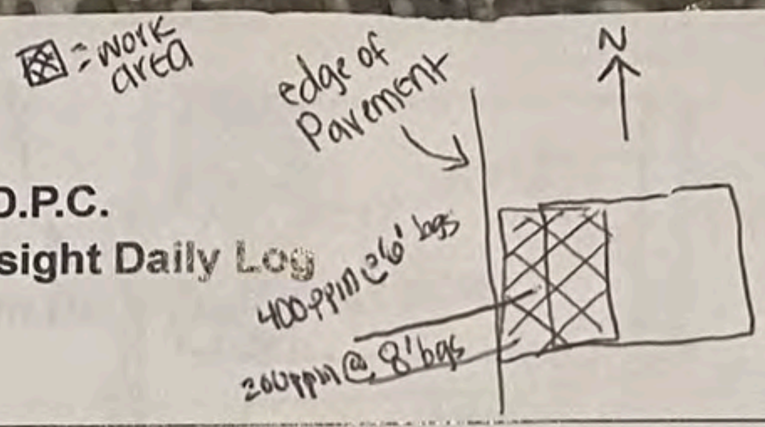

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

| | |
|---|---|
| **Project Name:** Former Bisonite paint co. | **Marsh Personnel:** E. Spirito |
| **Project Number:** 100.007 | **Contractor:** Sessler |
| **Time Onsite:** 07:15 | **Time Offsite:** |

**Description of Activities:**

07:15 Spirito (Marsh) onsite. 22 tons of sawdust imported to mix with paint product to create a "semi-solid" mix to containerize.
07:30 spoke w/ B. Ahrens - onsite activities to pause while we confirm approval to proceed work activities.
09:30 Mixing sawdust with soil to absorb liquids.
11:10 M. Keller from NYSDEC onsite - Approves placing soil/sawdust mix on haz-poly pile now that it is more "solid (non runny liquid") SFS plans to bring loader to site to transport "haz" material to pile, and use different skidsteer/bucket for "non-haz" once digging continues.
12:00 covering excavation pit and all piles with poly/ sawdust w/ tarp.
12:45 All parties offsite

Signature: Emily Spirito Date: 7/24/24







**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**
**nvir**

MARSH ENGINEERING D.P.C.

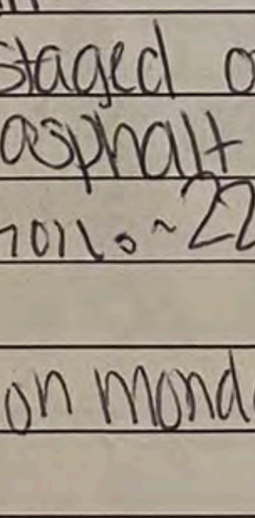
| | |
|---|---|
| **Project Name:** Former Bisonite paint Co. | **Marsh Personnel:** E. Spirito |
| **Project Number:** 100.002 | **Contractor:** Sessler |
| **Time Onsite:** 07:10 | **Time Offsite:** |

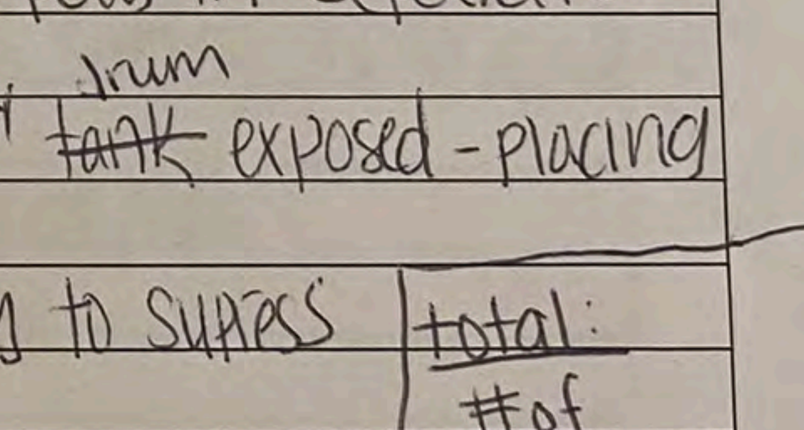
**Description of Activities:**

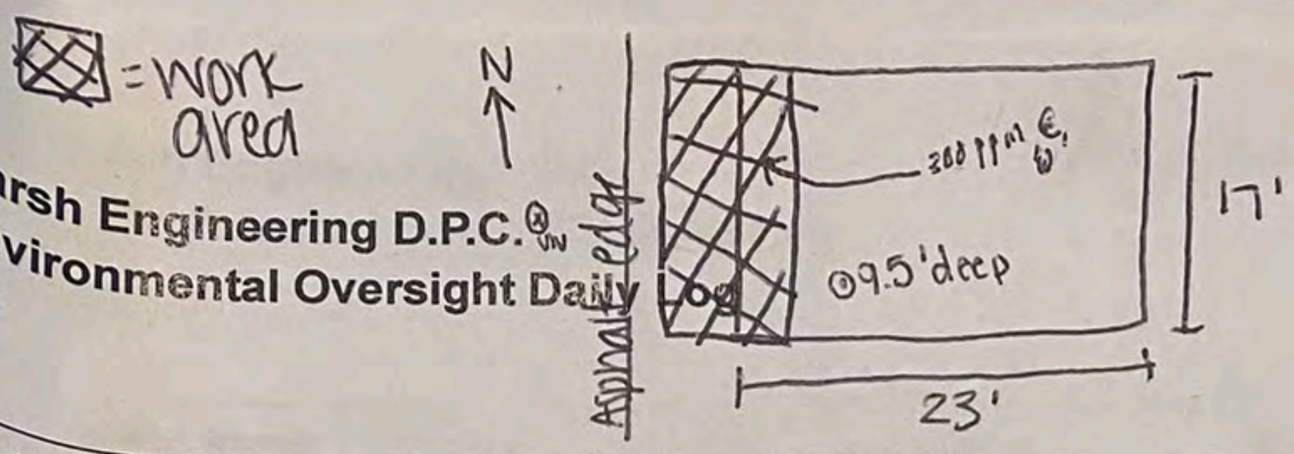
07:15 Spirito (Marsh) onsite. Sessler brings loader onsite.
08:00 Excavation activities commence - stockpiles uncovered. Screening soils w/ PID to segregate "HaZ" vs. "NON-HaZ". Working west in excavation
08:45 Breaking asphalt, stockpiling. M. Keller onsite.
09:45 mixing excavation soil w/ sawdust. Tanks and thick product
10:00 mixing in saw dust to soak up liquids
10:15 mixing in Sawdust to soak up liquids.
10:25 mixing in sawdust to excavation soils
10:40 placing more poly for "HaZ" material stockpile.
10:55 ~~drum~~ encountered in SW corner of excavation @ ~8.5' bgs. drum. white, thick paint waste encountered.
11:00 containerizing impacted soils and paint waste in HaZ waste roll off
11:30 Sawdust placed in excavation. Tank #12 uncovered, filled w/ lacquer-like product
11:45 Sawdust placed in excavation
12:50 concrete from excavation staged on poly in separate pile from other concrete/asphalt. drum
13:10 saw dust placed in excavation. ~22nd ~~tank~~ exposed - placing drums in roll off (lined).
13:20 Sessler bringing biosolve on monday to suppress odors from excavation.
13:40 encountering ~~tanks~~ @ 9' bgs
14:30 seeing signs of native soil @ ~9.5' bgs w/ ice paint
15:00 Earthwork done for day. Spirito offsite

| total: # of drums |
|---|
| 11 |

Signature: Emily L Spirito Date: 7/25/24






**Marsh Engineering D.P.C.** ⊗DW
**Environmental Oversight Daily Log**

MARSH ENGINEERING D.P.C.

⊗ DW

| | |
|---|---|
| **Project Name:** Former Bisonite paint CO. | **Marsh Personnel:** E. Spirito |
| **Project Number:** 100.002 | **Contractor:** Sessler |
| **Time Onsite:** 07:25 | **Time Offsite:** |

***Description of Activities:***

07:25 Spirito onsite
07:55 M. Keller (NYSDEC) onsite.
08:15 Begin excavating western side of excavation, Separating Asphalt, backfill stone, "non-haz" soils and "Haz" soils in to designated stock-piles. Ramp being conducted around work area.
08:35 PID readings of 300ppm @ ~10' bgs, switch to "Haz" buckets on excavator and loader. Decontaminating "non haz" excavator bucket.
08:52 thick-rubberized paint encountered @ ~ 6.5' bgs.
04:45 6" concrete pipe on western wall of excavation at approx 10' bgs
09:50 paint residue in/around pipe - dmy. NYSDEC approves cleaning up area around pipe and not excavating further west offsite - not chasing pipe. Continue excavating north along west wall of excavation after 9' is reached along western wall.
10:20 Soil sample from cement pipe collected - 0.9 ppm. PID reading inside pipe is 0.8ppm
11:30 lagoon-SW-W-07 collected @ 7' bgs
14:00 earthwork in lagoon pit done for day - sending ramp equip for data ~~for~~ download @ eco rental
14:10 Marsh offsite. ses covering stockpiles.

Signature: Emily L Spirito

Date: 7/26/24

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

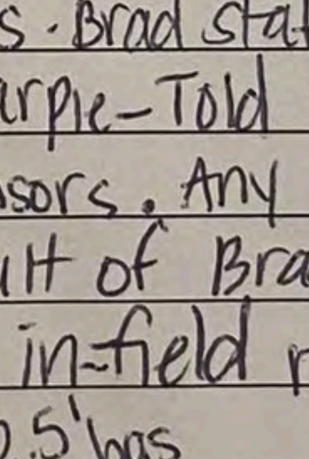
MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** Former Bisonite paint co. | **Marsh Personnel:** E. Spirito |
| **Project Number:** ~~200~~ 100.002 | **Contractor:** Sessler |
| **Time Onsite:** 07:15 | **Time Offsite:** |

***Description of Activities:***

07:15 Spirito (marsh) onsite. Set up/calibrate CAMP equipment.
08:00 Begin tearing up asphalt on northern wall, stone. soils being separated based on visual observations, PID readings, and material (paint chunks, ~~tank~~ drum presence, etc).
08:15 M. Keller from DEC onsite - stated he would like cement pipe in SW corner of excavation marked w/ gps.
08:35 some dust being generated from machines while moving asphalt and gravel - settles quick. NO CAMP exceedances as a result.
09:00 Josh + Brad (DEC) onsite.
10:50 moving CAMPS to new positions - Change in wind
10:50 direction.
↳ Brad (DEC) checking CAMPS himself - ^ states that we will show him equipment upon request, but do not want him/others touching equipment for quality assurance purposes. Brad states he has been performing "checks" on pids using a sharpie - Told him not to do this - as it can ruin the machine's sensors. Any high PID spikes since beginning of project may be a result of Brad's "checks", as we have not encountered any actual in-field reading spikes. Reported to B. Ahrens. (Marsh)
11:50 Drum encountered in NF corner @ ~2.5' bgs - removed from excavation and placed in rolloff container. Did not contain liquid/product. — #33
12:00 Break for lunch. Equipment exhaust may have caused slight PID spike - disregard
12:30 Resume work.

Signature: [signature]




Date: 7/29/24

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** Bisonite | **Marsh Personnel:** Spirito |
| **Project Number:** 100.002 | **Contractor:** Sessler |
| **Time Onsite:** 11 | **Time Offsite:** |
| ***Description of Activities:*** | |

13:15 ~~Drum~~ drum # 33 encountered on NE wall of excavation, appears to be water dripping out of it. drained and placed in roll off
13:20 matt (sessler's Safety personnel) onsite
13:45 drum # 34 in NE corner.
13:55 drum #35 in NE corner
14:30 Drum #36 in NE corner - contains thick lacquer-type material. Thick paint waste mixed into to soil - moving to roll off.
14:45 Drum #37 in NE corner - empty.
14:52 Drum #38 in NE corner
15:10 Earthwork done for day. Covering piles, filling excavation w/ 2 buckets of sawdust
15:15 Spirito offsite

Signature: Emily C Sped

Date: 7/29/24

Non haz soil truckloads for export off-site ~~:~~

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** Former Bisonit paint Co. | **Marsh Personnel:** Spirito |
| **Project Number:** 100.002 | **Contractor:** Sessler |
| **Time Onsite:** 07:20 | **Time Offsite:** |

***Description of Activities:***

07:20 Spirito onsite. 1 dumptruck being loaded w/ non-haz material for pre-approved disposal offsite at.

07:25 Sessler setting up additional stockpile area for "Haz" material pile, Set up stone berm around poly-lined stockpile ~08:00 Brad DEC onsite.

08:40 Begin excavation of north side of lagoon area, Stone, asphalt and soils being stockpiled in respective piles. Roll off with drums and grossly-contaminated materials full- moving out of work area

09:40 5-gal pail ~~Drum~~ encountered @ northern boundary, ~~drum #39~~ @ contains liquid (yellow paint)

10:15 Drum #39 & #40 in NE corner / on eastern wall.

10:20 Drum #41 on eastern wall

10: Lagoon-SW-N-7.7 collected 7.7ft bgs.

10:45 Test pit approx. 11' to the north of lagoon area dug (TP-01), no impacts or signs of paint waste encountered. Test pit terminated @ 7' bgs. saw dust pile moved to testpit area once backfilled

11:40 Excavation of lagoon continues. heading towards east

12:00 Lunch - Brad offsite

12:30 Matt (SES) and Josh (NYSDEC) onsite.

12:50 Drum #42 on east wall. Drum #43

13:00 Mixing in saw dust with ~~wet~~ wet soils.

13:30 Drum #43

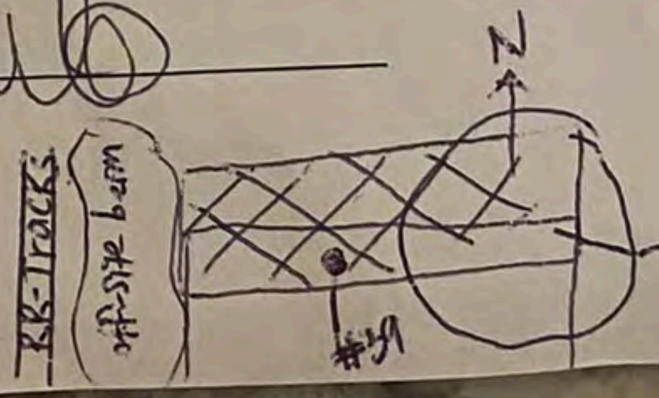
13:55 Drum #44 ~~#45~~ located ~7-8' bgs.

15:15 Earth work complete for day, placed 3 loader buckets on floor of excavation to prepare for incoming rain

15:25 Spirito offsite.

Signature: Emily Spirito

Date: 7/30/24




Bulk of drums/ Paint waste found here

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

| | |
|---|---|
| **Project Name:** Former Bisonite paint co. | **Marsh Personnel:** E. Spirito |
| **Project Number:** 100.002 | **Contractor:** Sessler |
| **Time Onsite:** 07:20 | **Time Offsite:** |

***Description of Activities:***

07:20 Spirito onsite, Sessler servicing equipment.
08:00 uncovering soil piles, scraping any additional soil off pavement.
08:25 Brad (DEC) onsite.
08:30 continue excavating soils in NE area of former lagoon.
08:40 F. Thomas begins bailing MW-4 dry in preparation for decommis
~1" layer of product on surface water of well.
09:10 Drum #46
10:00 Drums #s 47, 48, 49 & 50. Large areas of dry paint along eastern wall.
10:30 Equipment driving by DW camp station, May impact PID readings due to exhaust. Will monitor.
10:30 Spreading more poly to place "haz" materials on.
11:10 Drum #51
11:10 M. Keller (NYSDEC) onsite.
11:30 Drum #52
12:00 M. Keller offsite. Soils appear to clean up around 8-8.5' bgs in center of lagoon - 9ppm PID reading.
12:45 continue work east in lagoon excavation
14:00 Earthwork in lagoon done for day to make more room on site for stockpiles.
Spirito offsite

Emily L Spirito

Date: 7/31/24

FIGURE 1

SITE NAME: Bisonite

SITE ID.:
INSPECTOR: ES
DATE/TIME: 7/31/24
WELl ID.: MW-4

MONITORING WELL FIELD INSPECTION LOG
NYSDEC WELL DECOMMISSIONING PROGRAM

| | YES | NO |
|---|---|---|
| WELL VISIBLE? (If not, provide directions below) | X | |
| WELL I.D. VISIBLE? | | X |
| WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back) | X | |

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:

| | YES | NO |
|---|---|---|
| SURFACE SEAL PRESENT? | X | |
| SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) | X | |
| PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) | X | |

| | |
|---|---|
| HEADSPACE READING (ppm) AND INSTRUMENT USED | 411 ppm (PID) |
| TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) | Steel/curbbox |
| PROTECTIVE CASING MATERIAL TYPE: | |
| MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): | |

| | YES | NO |
|---|---|---|
| LOCK PRESENT? | | X |
| LOCK FUNCTIONAL? | | X |
| DID YOU REPLACE THE LOCK? | | X |
| IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below) | | X |
| WELL MEASURING POINT VISIBLE? | X | |

| | |
|---|---|
| MEASURE WELL DEPTH FROM MEASURING POINT (Feet): | 12.5' |
| MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): | 2.0' |
| MEASURE WELL DIAMETER (Inches): | 2" |
| WELL CASING MATERIAL: | PVC |
| PHYSICAL CONDITION OF VISIBLE WELL CASING: | Good |
| ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE | N/A |
| PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES | N/A |

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Located in paved parking lot, not in close proximity to any structures

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

on pavement in urban setting

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

- Former Bisonite paint Lagoon

REMARKS:

FIGURE 3

# WELL DECOMMISSIONING RECORD

| | |
|---|---|
| Site Name: | Well I.D.: |
| Site Location: | Driller: |
| Drilling Co.: | Inspector: |
| | Date: |

## DECOMMISSIONING DATA
(Fill in all that apply)

**OVERDRILLING**

| | |
|---|---|
| Interval Drilled | |
| Drilling Method(s) | |
| Borehole Dia. (in.) | |
| Temporary Casing Installed? (y/n) | |
| Depth temporary casing installed | |
| Casing type/dia. (in.) | |
| Method of installing | |

**CASING PULLING**

| | |
|---|---|
| Method employed | |
| Casing retrieved (feet) | |
| Casing type/dia. (in) | |

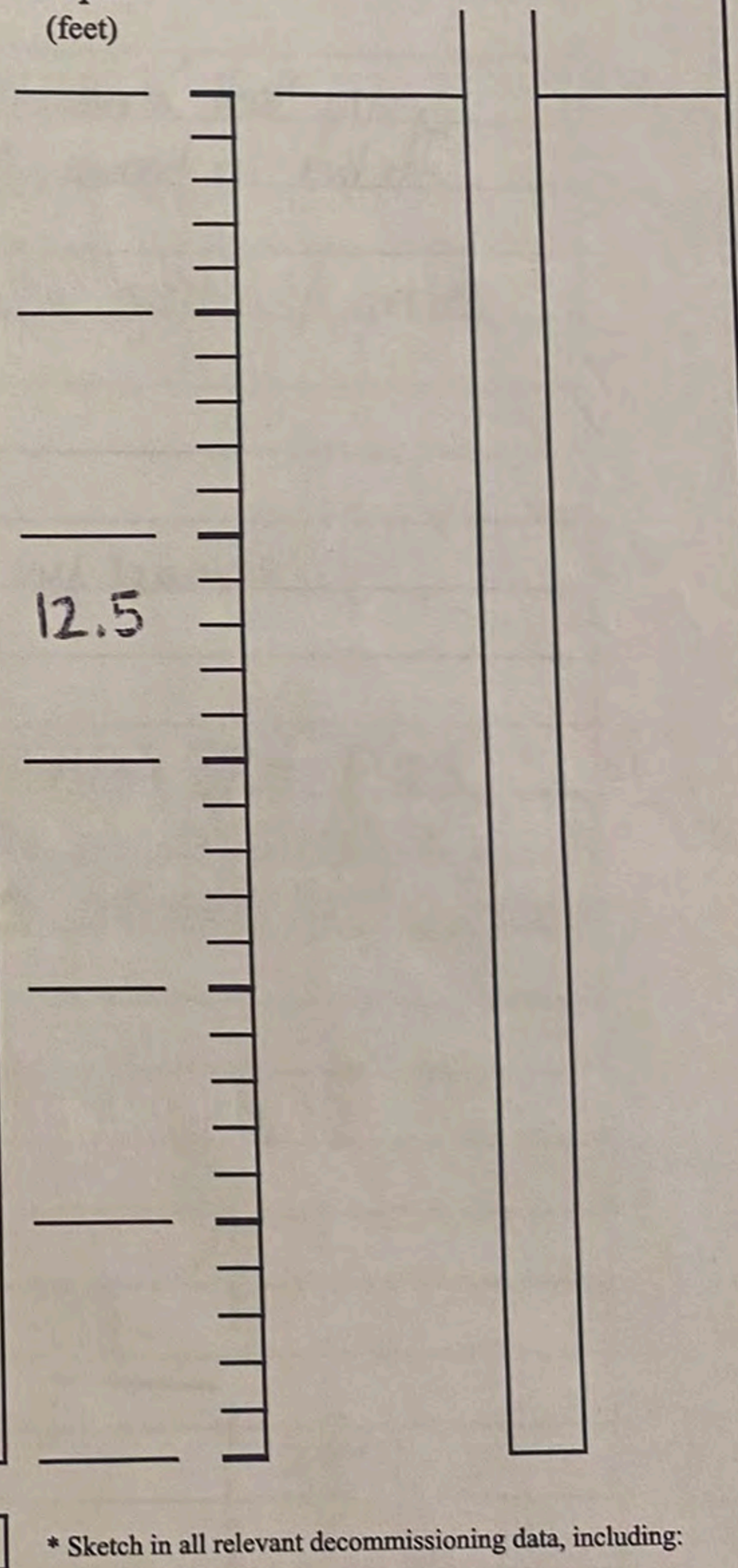
**CASING PERFORATING**

| | |
|---|---|
| Equipment used | |
| Number of perforations/foot | |
| Size of perforations | |
| Interval perforated | |

**GROUTING**

| | |
|---|---|
| Interval grouted (FBLS) | 0-12.5 'bgs |
| # of batches prepared | |
| For each batch record: | |
| Quantity of water used (gal.) | 3 gal |
| Quantity of cement used (lbs.) | 8 lbs |
| Cement type | |
| Quantity of bentonite used (lbs.) | 2 lbs |
| Quantity of calcium chloride used (lbs.) | |
| Volume of grout prepared (gal.) | |
| Volume of grout used (gal.) | |

## WELL SCHEMATIC*




| COMMENTS: |
|---|
| |
| |
| |

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Sessler
Drilling Contractor

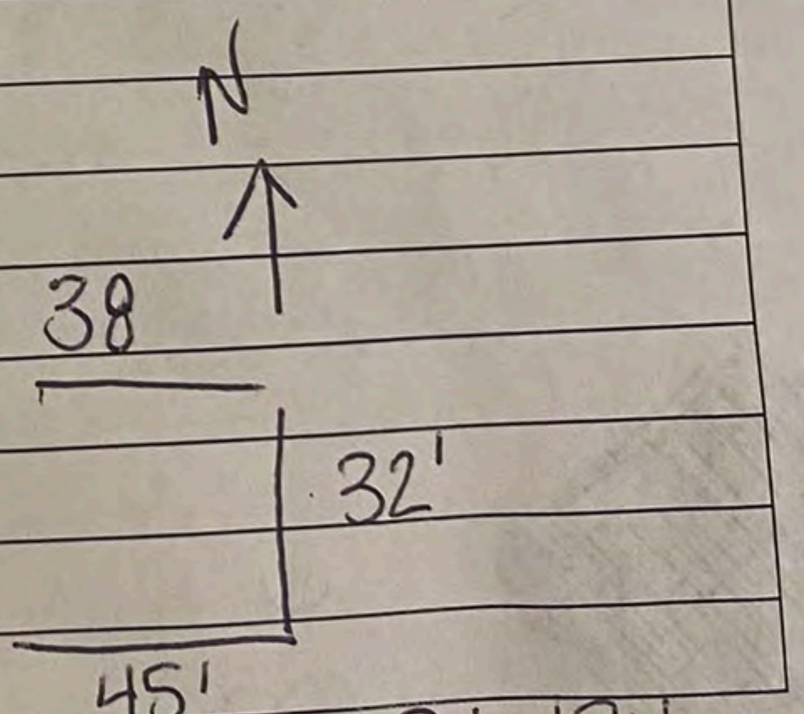
Emily Spinelo - Marsh
Department Representative

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** Bisonite | **Marsh Personnel:** Spirito |
| **Project Number:** 100.002 | **Contractor:** Sessler |
| **Time Onsite:** 07:15 | **Time Offsite:** |
| ***Description of Activities:*** | |

07:15 Spirito onsite. Sessler laying poly sheeting and a berm for additional "haz" material stockpiling. Camp set up.
08:20 Begin excavating on eastern wall of lagoon, loading to "Haz" pile.
09:15 Brad (DEC) onsite. Drum #53 encountered, placed in roll off. all metal piping placed on poly.
09:50 Sessler decommissioning MW-4, filling entire well w/ grout
10:30 Drum #54
10:40 Drum #55, #56
11:30 Drum #56, #57
13:10 Drums #58, 59, & 60 - All filled w/ liquids
13:12 Drum # 61, 62.
13:30 Matt (SES) onsite.
14:20 Scraping up base of excavation, covering soil piles. mixing water w/ Biosolve to spray in excavation; along w/ placing woodchips on base to absorb any liquids going into. weekend.
1510 All parties offsite




Signature: Emily Spirito Date: 8/1/24

**Table 1**
**Bisonite Paint Co.**
**CAMP Data: DustTrak II - Upwind**
**July 29 - August 2, 2024**

TrakPro Version 4.70 ASCII Data File

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 008 |
| Test Abbreviation: | MANUAL_008 |
| Start Date: | 7/29/2024 |
| Start Time: | 7:32:50 |
| Duration (dd:hh:mm:ss): | 0:07:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 30 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.041 |
| | Minimum: | 0.022 |
| | Time of Minimum: | 14:47:50 |
| | Date of Minimum: | 7/29/2024 |
| | Maximum: | 0.066 |
| | Time of Maximum: | 7:47:50 |
| | Date of Maximum: | 7/29/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/29/2024 | 7:47:50 | 0.066 |
| 7/29/2024 | 8:02:50 | 0.064 |
| 7/29/2024 | 8:17:50 | 0.06 |
| 7/29/2024 | 8:32:50 | 0.056 |
| 7/29/2024 | 8:47:50 | 0.053 |
| 7/29/2024 | 9:02:50 | 0.051 |
| 7/29/2024 | 9:17:50 | 0.049 |
| 7/29/2024 | 9:32:50 | 0.047 |
| 7/29/2024 | 9:47:50 | 0.044 |

| | | |
|---|---|---|
| 7/29/2024 | 10:02:50 | 0.046 |
| 7/29/2024 | 10:17:50 | 0.045 |
| 7/29/2024 | 10:32:50 | 0.043 |
| 7/29/2024 | 10:47:50 | 0.042 |
| 7/29/2024 | 11:02:50 | 0.043 |
| 7/29/2024 | 11:17:50 | 0.043 |
| 7/29/2024 | 11:32:50 | 0.042 |
| 7/29/2024 | 11:47:50 | 0.04 |
| 7/29/2024 | 12:02:50 | 0.039 |
| 7/29/2024 | 12:17:50 | 0.038 |
| 7/29/2024 | 12:32:50 | 0.036 |
| 7/29/2024 | 12:47:50 | 0.033 |
| 7/29/2024 | 13:02:50 | 0.03 |
| 7/29/2024 | 13:17:50 | 0.029 |
| 7/29/2024 | 13:32:50 | 0.026 |
| 7/29/2024 | 13:47:50 | 0.024 |
| 7/29/2024 | 14:02:50 | 0.026 |
| 7/29/2024 | 14:17:50 | 0.027 |
| 7/29/2024 | 14:32:50 | 0.023 |
| 7/29/2024 | 14:47:50 | 0.022 |
| 7/29/2024 | 15:02:50 | 0.032 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 009 |
| Test Abbreviation: | MANUAL_009 |
| Start Date: | 7/30/2024 |
| Start Time: | 7:43:50 |
| Duration (dd:hh:mm:ss): | 0:07:15:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 29 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.009 |
| | Minimum: | 0.002 |
| | Time of Minimum: | 11:43:50 |
| | Date of Minimum: | 7/30/2024 |
| | Maximum: | 0.03 |
| | Time of Maximum: | 7:58:50 |
| | Date of Maximum: | 7/30/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/30/2024 | 7:58:50 | 0.03 |
| 7/30/2024 | 8:13:50 | 0.026 |
| 7/30/2024 | 8:28:50 | 0.023 |
| 7/30/2024 | 8:43:50 | 0.019 |
| 7/30/2024 | 8:58:50 | 0.018 |
| 7/30/2024 | 9:13:50 | 0.014 |
| 7/30/2024 | 9:28:50 | 0.013 |
| 7/30/2024 | 9:43:50 | 0.008 |
| 7/30/2024 | 9:58:50 | 0.011 |
| 7/30/2024 | 10:13:50 | 0.005 |
| 7/30/2024 | 10:28:50 | 0.007 |
| 7/30/2024 | 10:43:50 | 0.006 |
| 7/30/2024 | 10:58:50 | 0.008 |
| 7/30/2024 | 11:13:50 | 0.004 |
| 7/30/2024 | 11:28:50 | 0.003 |
| 7/30/2024 | 11:43:50 | 0.002 |
| 7/30/2024 | 11:58:50 | 0.004 |
| 7/30/2024 | 12:13:50 | 0.009 |
| 7/30/2024 | 12:28:50 | 0.007 |
| 7/30/2024 | 12:43:50 | 0.003 |
| 7/30/2024 | 12:58:50 | 0.002 |
| 7/30/2024 | 13:13:50 | 0.003 |
| 7/30/2024 | 13:28:50 | 0.003 |
| 7/30/2024 | 13:43:50 | 0.005 |
| 7/30/2024 | 13:58:50 | 0.007 |
| 7/30/2024 | 14:13:50 | 0.005 |
| 7/30/2024 | 14:28:50 | 0.002 |
| 7/30/2024 | 14:43:50 | 0.003 |
| 7/30/2024 | 14:58:50 | 0.003 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 010 |
| Test Abbreviation: | MANUAL_010 |
| Start Date: | 7/31/2024 |
| Start Time: | 7:32:45 |
| Duration (dd:hh:mm:ss): | 0:06:15:00 |
| Log Interval (mm:ss): | 15:00 |

| | | | |
|---|---|---|---|
| Number of points: | | 25 | |
| Notes: | | | |
| | | | |
| Statistics | | Channel: | AEROSOL |
| | | Units: | mg/m^3 |
| | | Average: | 0.012 |
| | | Minimum: | 0.004 |
| | | Time of Minimum: | 12:32:45 |
| | | Date of Minimum: | 7/31/2024 |
| | | Maximum: | 0.031 |
| | | Time of Maximum: | 7:47:45 |
| | | Date of Maximum: | 7/31/2024 |
| | | | |
| Calibration | | Sensor: | AEROSOL |
| | | Cal. date | 4/29/2024 |
| | | | |
| Date | | Time | AEROSOL |
| MM/dd/yyyy | | hh:mm:ss | mg/m^3 |
| | 7/31/2024 | 7:47:45 | 0.031 |
| | 7/31/2024 | 8:02:45 | 0.027 |
| | 7/31/2024 | 8:17:45 | 0.023 |
| | 7/31/2024 | 8:32:45 | 0.021 |
| | 7/31/2024 | 8:47:45 | 0.018 |
| | 7/31/2024 | 9:02:45 | 0.016 |
| | 7/31/2024 | 9:17:45 | 0.014 |
| | 7/31/2024 | 9:32:45 | 0.01 |
| | 7/31/2024 | 9:47:45 | 0.009 |
| | 7/31/2024 | 10:02:45 | 0.008 |
| | 7/31/2024 | 10:17:45 | 0.007 |
| | 7/31/2024 | 10:32:45 | 0.008 |
| | 7/31/2024 | 10:47:45 | 0.009 |
| | 7/31/2024 | 11:02:45 | 0.011 |
| | 7/31/2024 | 11:17:45 | 0.009 |
| | 7/31/2024 | 11:32:45 | 0.009 |
| | 7/31/2024 | 11:47:45 | 0.007 |
| | 7/31/2024 | 12:02:45 | 0.005 |
| | 7/31/2024 | 12:17:45 | 0.007 |
| | 7/31/2024 | 12:32:45 | 0.004 |
| | 7/31/2024 | 12:47:45 | 0.005 |
| | 7/31/2024 | 13:02:45 | 0.006 |
| | 7/31/2024 | 13:17:45 | 0.007 |
| | 7/31/2024 | 13:32:45 | 0.009 |
| | 7/31/2024 | 13:47:45 | 0.01 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 011 |
| Test Abbreviation: | MANUAL_011 |
| Start Date: | 8/1/2024 |
| Start Time: | 7:53:51 |
| Duration (dd:hh:mm:ss): | 0:05:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 22 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.03 |
| | Minimum: | 0.019 |
| | Time of Minimum: | 13:08:51 |
| | Date of Minimum: | 8/1/2024 |
| | Maximum: | 0.052 |
| | Time of Maximum: | 8:08:51 |
| | Date of Maximum: | 8/1/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/1/2024 | 8:08:51 | 0.052 |
| 8/1/2024 | 8:23:51 | 0.051 |
| 8/1/2024 | 8:38:51 | 0.046 |
| 8/1/2024 | 8:53:51 | 0.041 |
| 8/1/2024 | 9:08:51 | 0.039 |
| 8/1/2024 | 9:23:51 | 0.034 |
| 8/1/2024 | 9:38:51 | 0.034 |
| 8/1/2024 | 9:53:51 | 0.032 |
| 8/1/2024 | 10:08:51 | 0.031 |
| 8/1/2024 | 10:23:51 | 0.026 |
| 8/1/2024 | 10:38:51 | 0.025 |
| 8/1/2024 | 10:53:51 | 0.023 |
| 8/1/2024 | 11:08:51 | 0.021 |
| 8/1/2024 | 11:23:51 | 0.021 |
| 8/1/2024 | 11:38:51 | 0.022 |
| 8/1/2024 | 11:53:51 | 0.023 |
| 8/1/2024 | 12:08:51 | 0.022 |

| | | |
|---|---|---|
| 8/1/2024 | 12:23:51 | 0.023 |
| 8/1/2024 | 12:38:51 | 0.024 |
| 8/1/2024 | 12:53:51 | 0.021 |
| 8/1/2024 | 13:08:51 | 0.019 |
| 8/1/2024 | 13:23:51 | 0.019 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 012 |
| Test Abbreviation: | MANUAL_012 |
| Start Date: | 8/1/2024 |
| Start Time: | 13:32:22 |
| Duration (dd:hh:mm:ss): | 0:01:15:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 5 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.013 |
| | Minimum: | 0.009 |
| | Time of Minimum: | 14:47:22 |
| | Date of Minimum: | 8/1/2024 |
| | Maximum: | 0.019 |
| | Time of Maximum: | 14:02:22 |
| | Date of Maximum: | 8/1/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/1/2024 | 13:47:22 | 0.016 |
| 8/1/2024 | 14:02:22 | 0.019 |
| 8/1/2024 | 14:17:22 | 0.012 |
| 8/1/2024 | 14:32:22 | 0.011 |
| 8/1/2024 | 14:47:22 | 0.009 |

**Table 2**
**Bisonite Paint Co.**
**CAMP Data: DustTrak II - Downwind**
**July 29 - August 2, 2024**

TrakPro Version 4.70 ASCII Data File

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 007 |
| Test Abbreviation: | MANUAL_007 |
| Start Date: | 7/29/2024 |
| Start Time: | 7:39:09 |
| Duration (dd:hh:mm:ss): | 0:07:15:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 29 |
| Notes: | |

| Statistics | | |
|---|---|---|
| Channel: | AEROSOL | |
| Units: | mg/m^3 | |
| Average: | 0.056 | |
| Minimum: | 0.044 | |
| Time of Minimum: | 14:54:09 | |
| Date of Minimum: | 7/29/2024 | |
| Maximum: | 0.093 | |
| Time of Maximum: | 8:24:09 | |
| Date of Maximum: | 7/29/2024 | |

| Calibration | | |
|---|---|---|
| Sensor: | AEROSOL | |
| Cal. date | 1/25/2024 | |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/29/2024 | 7:54:09 | 0.07 |
| 7/29/2024 | 8:09:09 | 0.06 |
| 7/29/2024 | 8:24:09 | 0.093 |
| 7/29/2024 | 8:39:09 | 0.052 |
| 7/29/2024 | 8:54:09 | 0.053 |
| 7/29/2024 | 9:09:09 | 0.056 |
| 7/29/2024 | 9:24:09 | 0.056 |
| 7/29/2024 | 9:39:09 | 0.056 |
| 7/29/2024 | 9:54:09 | 0.054 |
| 7/29/2024 | 10:09:09 | 0.056 |

| | | |
|---|---|---|
| 7/29/2024 | 10:24:09 | 0.058 |
| 7/29/2024 | 10:39:09 | 0.057 |
| 7/29/2024 | 10:54:09 | 0.061 |
| 7/29/2024 | 11:09:09 | 0.058 |
| 7/29/2024 | 11:24:09 | 0.058 |
| 7/29/2024 | 11:39:09 | 0.06 |
| 7/29/2024 | 11:54:09 | 0.059 |
| 7/29/2024 | 12:09:09 | 0.062 |
| 7/29/2024 | 12:24:09 | 0.059 |
| 7/29/2024 | 12:39:09 | 0.057 |
| 7/29/2024 | 12:54:09 | 0.052 |
| 7/29/2024 | 13:09:09 | 0.052 |
| 7/29/2024 | 13:24:09 | 0.051 |
| 7/29/2024 | 13:39:09 | 0.049 |
| 7/29/2024 | 13:54:09 | 0.045 |
| 7/29/2024 | 14:09:09 | 0.048 |
| 7/29/2024 | 14:24:09 | 0.047 |
| 7/29/2024 | 14:39:09 | 0.046 |
| 7/29/2024 | 14:54:09 | 0.044 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 008 |
| Test Abbreviation: | MANUAL_008 |
| Start Date: | 7/30/2024 |
| Start Time: | 7:32:50 |
| Duration (dd:hh:mm:ss): | 0:07:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 30 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.036 |
| | Minimum: | 0.021 |
| | Time of Minimum: | 10:17:50 |
| | Date of Minimum: | 7/30/2024 |
| | Maximum: | 0.08 |
| | Time of Maximum: | 14:47:50 |
| | Date of Maximum: | 7/30/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/30/2024 | 7:47:50 | 0.03 |
| 7/30/2024 | 8:02:50 | 0.03 |
| 7/30/2024 | 8:17:50 | 0.023 |
| 7/30/2024 | 8:32:50 | 0.025 |
| 7/30/2024 | 8:47:50 | 0.043 |
| 7/30/2024 | 9:02:50 | 0.03 |
| 7/30/2024 | 9:17:50 | 0.027 |
| 7/30/2024 | 9:32:50 | 0.024 |
| 7/30/2024 | 9:47:50 | 0.024 |
| 7/30/2024 | 10:02:50 | 0.022 |
| 7/30/2024 | 10:17:50 | 0.021 |
| 7/30/2024 | 10:32:50 | 0.028 |
| 7/30/2024 | 10:47:50 | 0.027 |
| 7/30/2024 | 11:02:50 | 0.031 |
| 7/30/2024 | 11:17:50 | 0.032 |
| 7/30/2024 | 11:32:50 | 0.029 |
| 7/30/2024 | 11:47:50 | 0.035 |
| 7/30/2024 | 12:02:50 | 0.04 |
| 7/30/2024 | 12:17:50 | 0.032 |
| 7/30/2024 | 12:32:50 | 0.042 |
| 7/30/2024 | 12:47:50 | 0.039 |
| 7/30/2024 | 13:02:50 | 0.047 |
| 7/30/2024 | 13:17:50 | 0.046 |
| 7/30/2024 | 13:32:50 | 0.046 |
| 7/30/2024 | 13:47:50 | 0.034 |
| 7/30/2024 | 14:02:50 | 0.04 |
| 7/30/2024 | 14:17:50 | 0.041 |
| 7/30/2024 | 14:32:50 | 0.045 |
| 7/30/2024 | 14:47:50 | 0.08 |
| 7/30/2024 | 15:02:50 | 0.069 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 009 |
| Test Abbreviation: | MANUAL_009 |
| Start Date: | 7/31/2024 |
| Start Time: | 7:27:03 |
| Duration (dd:hh:mm:ss): | 0:06:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 26 |

Notes:

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.029 |
| | Minimum: | 0.024 |
| | Time of Minimum: | 8:27:03 |
| | Date of Minimum: | 7/31/2024 |
| | Maximum: | 0.053 |
| | Time of Maximum: | 10:57:03 |
| | Date of Maximum: | 7/31/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 7/31/2024 | 7:42:03 | 0.037 |
| 7/31/2024 | 7:57:03 | 0.029 |
| 7/31/2024 | 8:12:03 | 0.028 |
| 7/31/2024 | 8:27:03 | 0.024 |
| 7/31/2024 | 8:42:03 | 0.024 |
| 7/31/2024 | 8:57:03 | 0.025 |
| 7/31/2024 | 9:12:03 | 0.025 |
| 7/31/2024 | 9:27:03 | 0.025 |
| 7/31/2024 | 9:42:03 | 0.025 |
| 7/31/2024 | 9:57:03 | 0.027 |
| 7/31/2024 | 10:12:03 | 0.029 |
| 7/31/2024 | 10:27:03 | 0.035 |
| 7/31/2024 | 10:42:03 | 0.027 |
| 7/31/2024 | 10:57:03 | 0.053 |
| 7/31/2024 | 11:12:03 | 0.034 |
| 7/31/2024 | 11:27:03 | 0.03 |
| 7/31/2024 | 11:42:03 | 0.033 |
| 7/31/2024 | 11:57:03 | 0.029 |
| 7/31/2024 | 12:12:03 | 0.029 |
| 7/31/2024 | 12:27:03 | 0.028 |
| 7/31/2024 | 12:42:03 | 0.025 |
| 7/31/2024 | 12:57:03 | 0.028 |
| 7/31/2024 | 13:12:03 | 0.028 |
| 7/31/2024 | 13:27:03 | 0.029 |
| 7/31/2024 | 13:42:03 | 0.029 |
| 7/31/2024 | 13:57:03 | 0.03 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 010 |
| Test Abbreviation: | MANUAL_010 |
| Start Date: | 8/1/2024 |
| Start Time: | 7:55:45 |
| Duration (dd:hh:mm:ss): | 0:05:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 22 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.05 |
| | Minimum: | 0.045 |
| | Time of Minimum: | 13:10:45 |
| | Date of Minimum: | 8/1/2024 |
| | Maximum: | 0.055 |
| | Time of Maximum: | 9:40:45 |
| | Date of Maximum: | 8/1/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/1/2024 | 8:10:45 | 0.054 |
| 8/1/2024 | 8:25:45 | 0.053 |
| 8/1/2024 | 8:40:45 | 0.052 |
| 8/1/2024 | 8:55:45 | 0.053 |
| 8/1/2024 | 9:10:45 | 0.054 |
| 8/1/2024 | 9:25:45 | 0.05 |
| 8/1/2024 | 9:40:45 | 0.055 |
| 8/1/2024 | 9:55:45 | 0.051 |
| 8/1/2024 | 10:10:45 | 0.05 |
| 8/1/2024 | 10:25:45 | 0.049 |
| 8/1/2024 | 10:40:45 | 0.047 |
| 8/1/2024 | 10:55:45 | 0.048 |
| 8/1/2024 | 11:10:45 | 0.046 |
| 8/1/2024 | 11:25:45 | 0.048 |
| 8/1/2024 | 11:40:45 | 0.049 |
| 8/1/2024 | 11:55:45 | 0.049 |
| 8/1/2024 | 12:10:45 | 0.05 |

| | | |
|---|---|---|
| 8/1/2024 | 12:25:45 | 0.047 |
| 8/1/2024 | 12:40:45 | 0.049 |
| 8/1/2024 | 12:55:45 | 0.049 |
| 8/1/2024 | 13:10:45 | 0.045 |
| 8/1/2024 | 13:25:45 | 0.045 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 011 |
| Test Abbreviation: | MANUAL_011 |
| Start Date: | 8/1/2024 |
| Start Time: | 13:57:56 |
| Duration (dd:hh:mm:ss): | 0:00:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 3 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.044 |
| | Minimum: | 0.042 |
| | Time of Minimum: | 14:27:56 |
| | Date of Minimum: | 8/1/2024 |
| | Maximum: | 0.047 |
| | Time of Maximum: | 14:42:56 |
| | Date of Maximum: | 8/1/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/1/2024 | 14:12:56 | 0.044 |
| 8/1/2024 | 14:27:56 | 0.042 |
| 8/1/2024 | 14:42:56 | 0.047 |

**Table 3**
**Bisonite Paint Co,**
**CAMP - MiniRae PID - Downwind**
**July 29 - August 2, 2024**

24/07/29 07:50

**********

Summary

| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Pause in Menu Mode |
| Site ID | 12345678 |
| User ID | 12345678 |
| Begin | 7/29/2024 7:50 |
| End | 7/29/2024 7:51 |
| Sample Period(s) | 900 |
| Number of Records | 0 |
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |

**********

Datalog

0 record.

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24/07/29 07:52

**********

Summary

---

| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

---

| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Pause in Menu Mode |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 7/29/2024 7:52 |
| End | 7/29/2024 7:52 |
| Sample Period(s) | 900 |
| Number of Records | 0 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |

**********

Datalog

0 record.

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24/07/29 07:53

**********

Summary

---

| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

---

| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 7/29/2024 7:53 |
| End | 7/29/2024 15:10 |
| Sample Period(s) | 900 |
| Number of Records | 29 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 2.1 |
| Min | 0 |
| Average | 0.2 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 7/29/2024 8:08 | 0 | 0.5 | 0 |
| 002 | 7/29/2024 8:23 | 0 | 0 | 0 |
| 003 | 7/29/2024 8:38 | 0 | 0.3 | 0 |
| 004 | 7/29/2024 8:53 | 0 | 0 | 0 |
| 005 | 7/29/2024 9:08 | 0 | 0 | 0 |
| 006 | 7/29/2024 9:23 | 0.1 | 0.6 | 0 |

| | | | | |
|---|---|---|---|---|
| 007 | 7/29/2024 9:38 | 0.1 | 0.6 | 0 |
| 008 | 7/29/2024 9:53 | 0.1 | 0.5 | 0 |
| 009 | 7/29/2024 10:08 | 0 | 0.4 | 0 |
| 010 | 7/29/2024 10:23 | 0.1 | 0.7 | 0 |
| 011 | 7/29/2024 10:38 | 0 | 0.8 | 0 |
| 012 | 7/29/2024 10:53 | 0 | 0.2 | 0.1 |
| 013 | 7/29/2024 11:08 | 0.1 | 1 | 0.1 |
| 014 | 7/29/2024 11:23 | 0.1 | 0.3 | 0.2 |
| 015 | 7/29/2024 11:38 | 0.1 | 0.8 | 0.1 |
| 016 | 7/29/2024 11:53 | 0.1 | 1 | 0.1 |
| 017 | 7/29/2024 12:08 | 0.4 | 2 | 0.2 |
| 018 | 7/29/2024 12:23 | 0.5 | 3.6 | 0.3 |
| 019 | 7/29/2024 12:38 | 0.4 | 1.5 | 0.1 |
| 020 | 7/29/2024 12:53 | 0.3 | 1.4 | 0.3 |
| 021 | 7/29/2024 13:08 | 0.2 | 1.5 | 0.1 |
| 022 | 7/29/2024 13:23 | 0.1 | 0.6 | 0.1 |
| 023 | 7/29/2024 13:38 | 0.1 | 0.3 | 0.1 |
| 024 | 7/29/2024 13:53 | 0.3 | 1 | 0.2 |
| 025 | 7/29/2024 14:08 | 0.3 | 1.7 | 1.7 |
| 026 | 7/29/2024 14:23 | 0.5 | 2.5 | 0.1 |
| 027 | 7/29/2024 14:38 | 0.3 | 1.5 | 0.1 |
| 028 | 7/29/2024 14:53 | 0.4 | 1.3 | 0.2 |
| 029 | 7/29/2024 15:08 | 0.5 | 2.3 | 2.1 |
| Peak | | 0.5 | 3.6 | 2.1 |
| Min | | 0 | 0 | 0 |
| Average | | 0.2 | 1 | 0.2 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 7/29/2024 8:08 | 0 | 0 |
| 002 | 7/29/2024 8:23 | 0 | 0 |
| 003 | 7/29/2024 8:38 | 0 | 0 |
| 004 | 7/29/2024 8:53 | 0 | 0 |
| 005 | 7/29/2024 9:08 | 0 | 0 |
| 006 | 7/29/2024 9:23 | 0 | 0 |
| 007 | 7/29/2024 9:38 | 0 | 0 |
| 008 | 7/29/2024 9:53 | 0 | 0 |
| 009 | 7/29/2024 10:08 | 0 | 0 |
| 010 | 7/29/2024 10:23 | 0 | 0 |
| 011 | 7/29/2024 10:38 | 0 | 0 |
| 012 | 7/29/2024 10:53 | 0 | 0.1 |
| 013 | 7/29/2024 11:08 | 0 | 0.2 |

| | | | |
|---|---|---|---|
| 014 | 7/29/2024 11:23 | 0 | 0.3 |
| 015 | 7/29/2024 11:38 | 0 | 0.3 |
| 016 | 7/29/2024 11:53 | 0 | 0.2 |
| 017 | 7/29/2024 12:08 | 0 | 0.3 |
| 018 | 7/29/2024 12:23 | 0 | 0.5 |
| 019 | 7/29/2024 12:38 | 0 | 0.4 |
| 020 | 7/29/2024 12:53 | 0 | 0.4 |
| 021 | 7/29/2024 13:08 | 0.1 | 0.4 |
| 022 | 7/29/2024 13:23 | 0.1 | 0.2 |
| 023 | 7/29/2024 13:38 | 0.1 | 0.2 |
| 024 | 7/29/2024 13:53 | 0.1 | 0.3 |
| 025 | 7/29/2024 14:08 | 0.1 | 1.9 |
| 026 | 7/29/2024 14:23 | 0.1 | 1.8 |
| 027 | 7/29/2024 14:38 | 0.1 | 0.2 |
| 028 | 7/29/2024 14:53 | 0.1 | 0.3 |
| 029 | 7/29/2024 15:08 | 0.2 | 2.3 |

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24/07/30 07:44

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

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| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 7/30/2024 7:44 |
| End | 7/30/2024 7:48 |
| Sample Period(s) | 900 |
| Number of Records | 0 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |

| | |
|---|---|
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |

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Datalog

0 record.

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24/07/30 07:51

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

---

| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 7/30/2024 7:51 |
| End | 7/30/2024 7:52 |
| Sample Period(s) | 900 |
| Number of Records | 0 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |

| | |
|---|---|
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |

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Datalog

0 record.

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24/07/30 08:00

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 7/30/2024 8:00 |
| End | 7/30/2024 15:24 |
| Sample Period(s) | 900 |
| Number of Records | 29 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 1.1 |
| Min | 0 |

Average 0.2

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 7/30/2024 8:15 | 0 | 0 | 0 |
| 002 | 7/30/2024 8:30 | 0 | 0.1 | 0 |
| 003 | 7/30/2024 8:45 | 0 | 0.3 | 0 |
| 004 | 7/30/2024 9:00 | 0.1 | 0.6 | 0 |
| 005 | 7/30/2024 9:15 | 0.1 | 0.5 | 0.1 |
| 006 | 7/30/2024 9:30 | 0 | 0.1 | 0 |
| 007 | 7/30/2024 9:45 | 0 | 0.1 | 0 |
| 008 | 7/30/2024 10:00 | 0.1 | 0.4 | 0 |
| 009 | 7/30/2024 10:15 | 0.1 | 0.4 | 0 |
| 010 | 7/30/2024 10:30 | 0.1 | 0.3 | 0.3 |
| 011 | 7/30/2024 10:45 | 0.1 | 0.3 | 0 |
| 012 | 7/30/2024 11:00 | 0.1 | 0.5 | 0.2 |
| 013 | 7/30/2024 11:15 | 0.1 | 0.4 | 0 |
| 014 | 7/30/2024 11:30 | 0.1 | 0.8 | 0.2 |
| 015 | 7/30/2024 11:45 | 0.1 | 0.7 | 0 |
| 016 | 7/30/2024 12:00 | 0.1 | 0.4 | 0 |
| 017 | 7/30/2024 12:15 | 0.1 | 0.4 | 0 |
| 018 | 7/30/2024 12:30 | 0.1 | 0.5 | 0.2 |
| 019 | 7/30/2024 12:45 | 0.1 | 0.4 | 0.1 |
| 020 | 7/30/2024 13:00 | 0.1 | 0.8 | 0.1 |
| 021 | 7/30/2024 13:15 | 0.2 | 1.8 | 0.1 |
| 022 | 7/30/2024 13:30 | 0.4 | 1.6 | 0.2 |
| 023 | 7/30/2024 13:45 | 0.3 | 1.3 | 0.6 |
| 024 | 7/30/2024 14:00 | 0.9 | 3.2 | 0.7 |
| 025 | 7/30/2024 14:15 | 0.6 | 1.3 | 0.4 |
| 026 | 7/30/2024 14:30 | 0.7 | 2.1 | 0.2 |
| 027 | 7/30/2024 14:45 | 0.7 | 1.6 | 0.9 |
| 028 | 7/30/2024 15:00 | 0.7 | 1.3 | 0.3 |
| 029 | 7/30/2024 15:15 | 0.7 | 1.9 | 1.1 |
| Peak | | 0.9 | 3.2 | 1.1 |
| Min | | 0 | 0 | 0 |
| Average | | 0.2 | 0.8 | 0.2 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 7/30/2024 8:15 | 0 | 0 |

| | | | |
|---|---|---|---|
| 002 | 7/30/2024 8:30 | 0 | 0 |
| 003 | 7/30/2024 8:45 | 0 | 0 |
| 004 | 7/30/2024 9:00 | 0 | 0 |
| 005 | 7/30/2024 9:15 | 0 | 0.1 |
| 006 | 7/30/2024 9:30 | 0 | 0.1 |
| 007 | 7/30/2024 9:45 | 0 | 0 |
| 008 | 7/30/2024 10:00 | 0 | 0 |
| 009 | 7/30/2024 10:15 | 0 | 0 |
| 010 | 7/30/2024 10:30 | 0 | 0.3 |
| 011 | 7/30/2024 10:45 | 0 | 0.3 |
| 012 | 7/30/2024 11:00 | 0 | 0.2 |
| 013 | 7/30/2024 11:15 | 0 | 0.2 |
| 014 | 7/30/2024 11:30 | 0 | 0.2 |
| 015 | 7/30/2024 11:45 | 0 | 0.2 |
| 016 | 7/30/2024 12:00 | 0 | 0 |
| 017 | 7/30/2024 12:15 | 0 | 0 |
| 018 | 7/30/2024 12:30 | 0 | 0.2 |
| 019 | 7/30/2024 12:45 | 0 | 0.3 |
| 020 | 7/30/2024 13:00 | 0 | 0.2 |
| 021 | 7/30/2024 13:15 | 0 | 0.2 |
| 022 | 7/30/2024 13:30 | 0 | 0.3 |
| 023 | 7/30/2024 13:45 | 0.1 | 0.8 |
| 024 | 7/30/2024 14:00 | 0.1 | 1.3 |
| 025 | 7/30/2024 14:15 | 0.1 | 1.1 |
| 026 | 7/30/2024 14:30 | 0.1 | 0.6 |
| 027 | 7/30/2024 14:45 | 0.1 | 1.1 |
| 028 | 7/30/2024 15:00 | 0.1 | 1.2 |
| 029 | 7/30/2024 15:15 | 0.2 | 1.4 |

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24/07/31 07:41

**********

Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

---

| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Pause in Menu Mode |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 7/31/2024 7:41 |
| End | 7/31/2024 7:41 |
| Sample Period(s) | 900 |
| Number of Records | 0 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |

**********

Datalog

0 record.

==========

24/07/31 07:42

**********

Summary

---

| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

---

| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Pause in Menu Mode |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 7/31/2024 7:42 |
| End | 7/31/2024 10:13 |
| Sample Period(s) | 900 |

| | |
|---|---|
| Number of Records | 10 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 1.2 |
| Min | 0 |
| Average | 0.7 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 7/31/2024 7:57 | 0 | 0.4 | 0.4 |
| 002 | 7/31/2024 8:12 | 0 | 0.3 | 0 |
| 003 | 7/31/2024 8:27 | 1.9 | 10.8 | 0.9 |
| 004 | 7/31/2024 8:42 | 0.8 | 2.7 | 0.6 |
| 005 | 7/31/2024 8:57 | 0.7 | 1.9 | 0.7 |
| 006 | 7/31/2024 9:12 | 0.7 | 1.6 | 0.7 |
| 007 | 7/31/2024 9:27 | 0.8 | 1.5 | 1.2 |
| 008 | 7/31/2024 9:42 | 0.7 | 1.7 | 0.9 |
| 009 | 7/31/2024 9:57 | 0.6 | 1.4 | 0.6 |
| 010 | 7/31/2024 10:12 | 0.7 | 1.8 | 1.1 |
| Peak | | 1.9 | 10.8 | 1.2 |
| Min | | 0 | 0.3 | 0 |
| Average | | 0.7 | 2.4 | 0.7 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 7/31/2024 7:57 | 0 | 0.4 |
| 002 | 7/31/2024 8:12 | 0 | 0.4 |
| 003 | 7/31/2024 8:27 | 0 | 0.9 |
| 004 | 7/31/2024 8:42 | 0.1 | 1.5 |

| | | | |
|---|---|---|---|
| 005 | 7/31/2024 8:57 | 0.1 | 1.3 |
| 006 | 7/31/2024 9:12 | 0.1 | 1.4 |
| 007 | 7/31/2024 9:27 | 0.1 | 1.9 |
| 008 | 7/31/2024 9:42 | 0.2 | 2.1 |
| 009 | 7/31/2024 9:57 | 0.2 | 1.5 |
| 010 | 7/31/2024 10:12 | 0.2 | 1.7 |

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24/07/31 10:14

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

---

| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 7/31/2024 10:14 |
| End | 7/31/2024 14:13 |
| Sample Period(s) | 900 |
| Number of Records | 15 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 0.6 |
| Min | 0 |
| Average | 0.1 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 7/31/2024 10:29 | 0.5 | 2.7 | 0.2 |
| 002 | 7/31/2024 10:44 | 0.3 | 1.1 | 0 |
| 003 | 7/31/2024 10:59 | 0.4 | 1.8 | 0 |
| 004 | 7/31/2024 11:14 | 0.8 | 3.5 | 0.2 |
| 005 | 7/31/2024 11:29 | 0.4 | 2.1 | 0.6 |
| 006 | 7/31/2024 11:44 | 0.3 | 1.4 | 0.3 |
| 007 | 7/31/2024 11:59 | 0.2 | 1.7 | 0.1 |
| 008 | 7/31/2024 12:14 | 0.1 | 0.9 | 0 |
| 009 | 7/31/2024 12:29 | 0 | 0 | 0 |
| 010 | 7/31/2024 12:44 | 0 | 0 | 0 |
| 011 | 7/31/2024 12:59 | 0 | 0 | 0 |
| 012 | 7/31/2024 13:14 | 0 | 0 | 0 |
| 013 | 7/31/2024 13:29 | 0 | 0 | 0 |
| 014 | 7/31/2024 13:44 | 0 | 0 | 0 |
| 015 | 7/31/2024 13:59 | 0 | 0 | 0 |
| Peak | | 0.8 | 3.5 | 0.6 |
| Min | | 0 | 0 | 0 |
| Average | | 0.2 | 1 | 0.1 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 7/31/2024 10:29 | 0 | 0.2 |
| 002 | 7/31/2024 10:44 | 0 | 0.2 |
| 003 | 7/31/2024 10:59 | 0 | 0 |
| 004 | 7/31/2024 11:14 | 0 | 0.2 |
| 005 | 7/31/2024 11:29 | 0 | 0.8 |
| 006 | 7/31/2024 11:44 | 0 | 0.9 |
| 007 | 7/31/2024 11:59 | 0 | 0.4 |
| 008 | 7/31/2024 12:14 | 0 | 0.1 |
| 009 | 7/31/2024 12:29 | 0 | 0 |
| 010 | 7/31/2024 12:44 | 0 | 0 |
| 011 | 7/31/2024 12:59 | 0 | 0 |
| 012 | 7/31/2024 13:14 | 0 | 0 |
| 013 | 7/31/2024 13:29 | 0 | 0 |
| 014 | 7/31/2024 13:44 | 0 | 0 |
| 015 | 7/31/2024 13:59 | 0 | 0 |

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24/08/01 08:09

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 8/1/2024 8:09 |
| End | 8/1/2024 9:24 |
| Sample Period(s) | 900 |
| Number of Records | 4 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 0.9 |
| Min | 0 |
| Average | 0.4 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 8/1/2024 8:24 | 0 | 0.5 | 0 |
| 002 | 8/1/2024 8:39 | 0.1 | 1.2 | 0.5 |
| 003 | 8/1/2024 8:54 | 0.3 | 4.8 | 0.9 |
| 004 | 8/1/2024 9:09 | 0.7 | 2.9 | 0.1 |

| | | | |
|---|---|---|---|
| Peak | 0.7 | 4.8 | 0.9 |
| Min | 0 | 0.5 | 0 |
| Average | 0.3 | 2.4 | 0.4 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 8/1/2024 8:24 | 0 | 0 |
| 002 | 8/1/2024 8:39 | 0 | 0.5 |
| 003 | 8/1/2024 8:54 | 0 | 1.4 |
| 004 | 8/1/2024 9:09 | 0 | 1 |

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24/08/01 09:27

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Summary

| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |
| Site ID | 12345678 |
| User ID | 12345678 |
| Begin | 8/1/2024 9:27 |
| End | 8/1/2024 11:20 |
| Sample Period(s) | 900 |
| Number of Records | 7 |
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |

| | |
|---|---|
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 1.5 |
| Min | 0 |
| Average | 0.7 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 8/1/2024 9:42 | 0.2 | 2.2 | 0.6 |
| 002 | 8/1/2024 9:57 | 0.1 | 1.5 | 0 |
| 003 | 8/1/2024 10:12 | 0.2 | 1.6 | 0.3 |
| 004 | 8/1/2024 10:27 | 0.4 | 2.3 | 0.7 |
| 005 | 8/1/2024 10:42 | 0.7 | 3.4 | 1.5 |
| 006 | 8/1/2024 10:57 | 0.5 | 2.3 | 1.2 |
| 007 | 8/1/2024 11:12 | 1.3 | 6.1 | 0.3 |
| Peak | | 1.3 | 6.1 | 1.5 |
| Min | | 0.1 | 1.5 | 0 |
| Average | | 0.5 | 2.8 | 0.7 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 8/1/2024 9:42 | 0 | 0.6 |
| 002 | 8/1/2024 9:57 | 0 | 0.6 |
| 003 | 8/1/2024 10:12 | 0 | 0.3 |
| 004 | 8/1/2024 10:27 | 0 | 1 |
| 005 | 8/1/2024 10:42 | 0.1 | 2.2 |
| 006 | 8/1/2024 10:57 | 0.1 | 2.7 |
| 007 | 8/1/2024 11:12 | 0.1 | 1.5 |

==========

24/08/01 13:47

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

---

| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |

| | |
|---|---|
| Stop Reason | Pause in Menu Mode |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 8/1/2024 13:47 |
| End | 8/1/2024 13:48 |
| Sample Period(s) | 900 |
| Number of Records | 0 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |

**********

Datalog

0 record.

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24/08/01 13:51

**********

Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 8/1/2024 13:51 |
| End | 8/1/2024 15:04 |
| Sample Period(s) | 900 |
| Number of Records | 4 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 0 |
| Min | 0 |
| Average | 0 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 8/1/2024 14:06 | 0 | 0 | 0 |
| 002 | 8/1/2024 14:21 | 0 | 0 | 0 |
| 003 | 8/1/2024 14:36 | 0 | 0 | 0 |
| 004 | 8/1/2024 14:51 | 0 | 0 | 0 |
| Peak | | 0 | 0 | 0 |
| Min | | 0 | 0 | 0 |
| Average | | 0 | 0 | 0 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 8/1/2024 14:06 | 0 | 0 |
| 002 | 8/1/2024 14:21 | 0 | 0 |
| 003 | 8/1/2024 14:36 | 0 | 0 |
| 004 | 8/1/2024 14:51 | 0 | 0 |

100.002

MARSH ENGINEERING D.P.C.
271 Marsh Road, Suite 2
Pittsford, New York 14534
(585) 248-2413

August 12, 2024

Michael Keller, EIT
New York State Department of Environmental Conservation
Division of Environmental Remediation
700 Delaware Avenue
Buffalo, New York 14209

Re: Bisonite Paint Company BCP
Site No.: C915010
Weekly Status Report
August 5-9, 2024

Michael;
This weekly status report presents a summary of the site activities performed, community air monitoring conducted, and samples collected for laboratory analyses during the period from August 5-9, 2024.
Site Activities included:

- August 5: Approximately 9-inches of water at base of excavation after heavy rains. Sessler arranged for Frac tank to be delivered to site; Frac tank arrived at approximately 1:00 PM. No excavation of soil or other remediation activities conducted.
- August 6: Heavy rain; no work conducted. Sessler prepared to pump water from excavation to Frac tank.
- August 7: No site work performed.
- August 8: No site work performed.
- August 9: Site activities included loading soil from stockpile onto trucks for off-site disposal at landfill. A total of 10 truckloads were removed from the site (Sessler to provide paperwork to Marsh). Soil piles covered and site secured at end of day.

Field notes that contain additional details are attached.
Community air monitoring, including volatile organic compounds ("VOCs") and particulates, was conducted consistent with the Community Air Monitoring Plan ("CAMP") during the reporting period. No exceedances of VOCs or particulates were recorded.
CAMP monitoring tables are attached.
Laboratory analytical results were received for the shallow excavation documentation samples collected along the northern and western property boundaries. Results will be reported once tabulated and reviewed for QA/QC.

If you have any questions, please call us at (585) 248.2413.

Sincerely,
Bruce W Ahrens
Bruce W. Ahrens

Senior Project Manager

Attachments:

Field Notes
Table 1 – CAMP Data – DustTrak – Downwind
Table 2 – CAMP Data – DustTrak – Upwind
Table 3 – CAMP Data – MiniRae - Downwind

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** Bisonite | **Marsh Personnel:** E. Spirito |
| **Project Number:** 100.002 | **Contractor:** Sessler |
| **Time Onsite:** | **Time Offsite:** |

***Description of Activities:***

8/2/24: NO work conducted onsite
8/5/24: 07:20 E. Spirito onsite. Approximately 9" of water on base of lagoon excavation. Sessler coordinating Frac. tank - no earth - work to be conducted
10:45 Spirito offsite
13:00 Frac tank arrives onsite

8/6/24 07:30 Spirito onsite. Sessler preparing to pump water to Fractank.
08:30 matt (SES) onsite w/ pump and hosing.
09:30 Heavier rain begins. Sessler goes to store to buy couplings - couplings matt brought did not fit.
10:30 Sessler could not find correct materials - calling off work for the day, possibly week.
11:00 Spirito offsite

8/7 NO groundwork or other site activities
8/8 NO groundwork or other site activities

Signature:

Date: 8/5, 8/6
8/7, 8/8

#of Truckloads
~~||||~~ ~~||||~~

arsh Engineering D.P.C.
nvironmental Oversight Daily Log

MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** Bisonite paint co. | **Marsh Personnel:** E.Spirito |
| **Project Number:** 100-002 | **Contractor:** Sessler |
| **Time Onsite:** 07:15 | **Time Offsite:** |

**Description of Activities:**

07:15 E.Spirito (Marsh) onsite. UPWind PID value: 0 ppm
08:00 Swan trucks onsite (2). Loading approved soil to landfill.
Camp equipment set up during loading activities
08:35 ~~Matt~~ Roman (Ses) onsite w/ truck manifests.
08:45 Trucks to landfill - covered. Lagoon liquid sample collected
09:35 Roman offsite.
10:30 Heavy rain on and off
13:00 Rain Stops
14:45 Last truck loaded. Sessler covers soil pile, cleans up site.
15:00 All parties offsite

Signature: Emily I Spirito Date: 8/9/24

**Table 1**
**Bisonite Paint Co.**
**CAMP Data - DustTrak - Downwind**
**August 5-9, 2024**

TrakPro Version 4.70 ASCII Data File

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 012 |
| Test Abbreviation: | MANUAL_012 |
| Start Date: | 8/9/2024 |
| Start Time: | 8:11:43 |
| Duration (dd:hh:mm:ss): | 0:06:15:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 25 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.005 |
| | Minimum: | 0.001 |
| | Time of Minimum: | 8:41:43 |
| | Date of Minimum: | 8/9/2024 |
| | Maximum: | 0.012 |
| | Time of Maximum: | 14:26:43 |
| | Date of Maximum: | 8/9/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/9/2024 | 8:26:43 | 0.005 |
| 8/9/2024 | 8:41:43 | 0.001 |
| 8/9/2024 | 8:56:43 | 0.002 |
| 8/9/2024 | 9:11:43 | 0.002 |
| 8/9/2024 | 9:26:43 | 0.002 |
| 8/9/2024 | 9:41:43 | 0.003 |
| 8/9/2024 | 9:56:43 | 0.003 |
| 8/9/2024 | 10:11:43 | 0.003 |

**Table 2**
**Bisonite Paint Co.**
**CAMP Data - DustTrak - Upwind**
**August 5-9, 2024**

TrakPro Version 4.70 ASCII Data File

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 013 |
| Test Abbreviation: | MANUAL_013 |
| Start Date: | 8/9/2024 |
| Start Time: | 8:15:19 |
| Duration (dd:hh:mm:ss): | 0:01:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 6 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0 |
| | Minimum: | -0.004 |
| | Time of Minimum | 9:30:19 |
| | Date of Minimum | 8/9/2024 |
| | Maximum: | 0.009 |
| | Time of Maximum | 8:30:19 |
| | Date of Maximum | 8/9/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/9/2024 | 8:30:19 | 0.009 |
| 8/9/2024 | 8:45:19 | 0 |
| 8/9/2024 | 9:00:19 | -0.001 |
| 8/9/2024 | 9:15:19 | -0.003 |
| 8/9/2024 | 9:30:19 | -0.004 |
| 8/9/2024 | 9:45:19 | -0.003 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |

| | |
|---|---|
| Test ID: | 014 |
| Test Abbreviation: | MANUAL_014 |
| Start Date: | 8/9/2024 |
| Start Time: | 9:53:35 |
| Duration (dd:hh:mm:ss): | 0:04:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 18 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | -0.001 |
| | Minimum: | -0.004 |
| | Time of Minimum | 13:38:35 |
| | Date of Minimum | 8/9/2024 |
| | Maximum: | 0.002 |
| | Time of Maximum | 14:23:35 |
| | Date of Maximum | 8/9/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/9/2024 | 10:08:35 | 0 |
| 8/9/2024 | 10:23:35 | 0 |
| 8/9/2024 | 10:38:35 | 0 |
| 8/9/2024 | 10:53:35 | 0 |
| 8/9/2024 | 11:08:35 | 0 |
| 8/9/2024 | 11:23:35 | 0 |
| 8/9/2024 | 11:38:35 | 0 |
| 8/9/2024 | 11:53:35 | 0 |
| 8/9/2024 | 12:08:35 | 0 |
| 8/9/2024 | 12:23:35 | 0 |
| 8/9/2024 | 12:38:35 | 0 |
| 8/9/2024 | 12:53:35 | 0 |
| 8/9/2024 | 13:08:35 | -0.002 |
| 8/9/2024 | 13:23:35 | -0.003 |
| 8/9/2024 | 13:38:35 | -0.004 |
| 8/9/2024 | 13:53:35 | -0.004 |
| 8/9/2024 | 14:08:35 | -0.003 |
| 8/9/2024 | 14:23:35 | 0.002 |

| | | |
|---|---|---|
| 8/9/2024 | 10:26:43 | 0.004 |
| 8/9/2024 | 10:41:43 | 0.004 |
| 8/9/2024 | 10:56:43 | 0.004 |
| 8/9/2024 | 11:11:43 | 0.004 |
| 8/9/2024 | 11:26:43 | 0.005 |
| 8/9/2024 | 11:41:43 | 0.005 |
| 8/9/2024 | 11:56:43 | 0.006 |
| 8/9/2024 | 12:11:43 | 0.007 |
| 8/9/2024 | 12:26:43 | 0.006 |
| 8/9/2024 | 12:41:43 | 0.006 |
| 8/9/2024 | 12:56:43 | 0.005 |
| 8/9/2024 | 13:11:43 | 0.006 |
| 8/9/2024 | 13:26:43 | 0.007 |
| 8/9/2024 | 13:41:43 | 0.006 |
| 8/9/2024 | 13:56:43 | 0.008 |
| 8/9/2024 | 14:11:43 | 0.01 |
| 8/9/2024 | 14:26:43 | 0.012 |

**Table 3**
**Bisonite Paint Co.**
**CAMP Data - VOCs - Downwind**
**August 5-9, 2024**

24/08/09 08:26

Summary

| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |
| Site ID | 12345678 |
| User ID | 12345678 |
| Begin | 8/9/2024 8:26 |
| End | 8/9/2024 8:38 |
| Sample Period(s) | 900 |
| Number of Records | 0 |
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |

**********

Datalog

0 record.

==========

24/08/09 12:22

**********

Summary

---

| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

---

| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 8/9/2024 12:22 |
| End | 8/9/2024 14:54 |
| Sample Period(s) | 900 |
| Number of Records | 10 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 10.6 |
| Min | 0 |
| Average | 1.1 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 8/9/2024 12:37 | 0 | 0 | 0 |
| 002 | 8/9/2024 12:52 | 0 | 0 | 0 |

| | | | | |
|---|---|---|---|---|
| 003 | 8/9/2024 13:07 | 0 | 0 | 0 |
| 004 | 8/9/2024 13:22 | 0.7 | 14.8 | 10.6 |
| 005 | 8/9/2024 13:37 | 0.2 | 9.5 | 0 |
| 006 | 8/9/2024 13:52 | 0 | 0 | 0 |
| 007 | 8/9/2024 14:07 | 0 | 0 | 0 |
| 008 | 8/9/2024 14:22 | 0 | 0 | 0 |
| 009 | 8/9/2024 14:37 | 0 | 0 | 0 |
| 010 | 8/9/2024 14:52 | 0 | 0 | 0 |
| Peak | | 0.7 | 14.8 | 10.6 |
| Min | | 0 | 0 | 0 |
| Average | | 0.1 | 2.4 | 1.1 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 8/9/2024 12:37 | 0 | 0 |
| 002 | 8/9/2024 12:52 | 0 | 0 |
| 003 | 8/9/2024 13:07 | 0 | 0 |
| 004 | 8/9/2024 13:22 | 0.3 | 10.6 |
| 005 | 8/9/2024 13:37 | 0.3 | 10.6 |
| 006 | 8/9/2024 13:52 | 0.3 | 0 |
| 007 | 8/9/2024 14:07 | 0.3 | 0 |
| 008 | 8/9/2024 14:22 | 0.3 | 0 |
| 009 | 8/9/2024 14:37 | 0.3 | 0 |
| 010 | 8/9/2024 14:52 | 0.3 | 0 |

MARSH ENGINEERING D.P.C.
271 Marsh Road, Suite 2
Pittsford, New York 14534
Phone: (585) 248-2413

1077.003

September 3, 2024

Michael Keller, EIT
New York State Department of Environmental Conservation
Division of Environmental Remediation
700 Delaware Avenue
Buffalo, New York 14209

Re: Bisonite Paint Company BCP
Site No.: C915010
Weekly Status Report
August 12 – 16, 2024

---

Michael;

This weekly status report presents a summary of the site activities performed, community air monitoring conducted, and samples collected for laboratory analyses during the period from August 12 – 16, 2024.

Site Activities included:

- August 12th: 13 truckloads of non-hazardous soil were loaded and transported for off-site disposal at Allied Niagara Falls Landfill Facility.
- August 13th: No site work performed.
- August 14th: No site work performed.
- August 15th: No site work performed.
- August 16th: No site work performed.

Field notes that contain additional details are attached.

Community air monitoring, including volatile organic compounds ("VOCs") and particulates, was conducted consistent with the Community Air Monitoring Plan ("CAMP") during the reporting period. No exceedances of VOCs or particulates were recorded.

CAMP monitoring tables are attached.

If you have any questions, please call us at (585) 248.2413.

Sincerely,

Bruce W. Ahrens

Bruce W. Ahrens
Senior Project Manager

Attachments:

Field Notes
Table 1 – CAMP – DustTrak – Downwind
Table 2 – CAMP – DustTrak – Upwind
Table 3 – CAMP – MiniRae - Downwind

nvironmental Oversight Daily Log

MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** Bisonte paint co. | **Marsh Personnel:** E. Spirito |
| **Project Number:** 100.002 | **Contractor:** Sessler |
| **Time Onsite:** 07:15 | **Time Offsite:** |

**Description of Activities:** weather conditions: 60°F, sunny, dry/no precipitation
07:15 Spirito onsite. Setting up CAMP. upwind PID reading: 0ppm
07:30 First truck of soil being loaded for offsite disposal to landfill.
3 trucks running today, using loader to load trucks.
Trucks covered
08:00 Downloaded camp data from last week while trucks were dumping at landfill (no on-site activities @ this time)
08:50 check camps. Replace downwind PID battery.
14:00 work onsite done for day. All offsite
13 total truckloads of soil exported to landfill.

Signature: Emily L Spirito Date: 8/12/24

**Table 1**
**Bisonite Paint Co.**
**CAMP Data: DustTrak II - Downwind**
**August 12 - 16, 2024**

TrakPro Version 4.70 ASCII Data File

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 013 |
| Test Abbreviation: | MANUAL_013 |
| Start Date: | 8/12/2024 |
| Start Time: | 7:18:35 |
| Duration (dd:hh:mm:ss): | 0:00:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 3 |
| Notes: | |

| | | | |
|---|---|---|---|
| Statistics | | Channel: | AEROSOL |
| | | Units: | mg/m^3 |
| | | Average: | 0.004 |
| | | Minimum: | 0.003 |
| | | Time of Minimum: | 8:03:35 |
| | | Date of Minimum: | 8/12/2024 |
| | | Maximum: | 0.005 |
| | | Time of Maximum: | 7:33:35 |
| | | Date of Maximum: | 8/12/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/12/2024 | 7:33:35 | 0.005 |
| 8/12/2024 | 7:48:35 | 0.005 |
| 8/12/2024 | 8:03:35 | 0.003 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 014 |

| | |
|---|---|
| Test Abbreviation: | MANUAL_014 |
| Start Date: | 8/12/2024 |
| Start Time: | 8:20:28 |
| Duration (dd:hh:mm:ss): | 0:04:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 19 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.014 |
| | Minimum: | 0.003 |
| | Time of Minimum: | 8:35:28 |
| | Date of Minimum: | 8/12/2024 |
| | Maximum: | 0.038 |
| | Time of Maximum: | 10:50:28 |
| | Date of Maximum: | 8/12/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/12/2024 | 8:35:28 | 0.003 |
| 8/12/2024 | 8:50:28 | 0.005 |
| 8/12/2024 | 9:05:28 | 0.006 |
| 8/12/2024 | 9:20:28 | 0.003 |
| 8/12/2024 | 9:35:28 | 0.004 |
| 8/12/2024 | 9:50:28 | 0.004 |
| 8/12/2024 | 10:05:28 | 0.007 |
| 8/12/2024 | 10:20:28 | 0.017 |
| 8/12/2024 | 10:35:28 | 0.012 |
| 8/12/2024 | 10:50:28 | 0.038 |
| 8/12/2024 | 11:05:28 | 0.008 |
| 8/12/2024 | 11:20:28 | 0.022 |
| 8/12/2024 | 11:35:28 | 0.012 |
| 8/12/2024 | 11:50:28 | 0.01 |
| 8/12/2024 | 12:05:28 | 0.033 |
| 8/12/2024 | 12:20:28 | 0.013 |
| 8/12/2024 | 12:35:28 | 0.024 |
| 8/12/2024 | 12:50:28 | 0.019 |
| 8/12/2024 | 13:05:28 | 0.028 |

**Table 2**
**Bisonite Paint Co.**
**CAMP Data: DustTrak II - Upwind**
**August 12 - 16, 2024**

TrakPro Version 4.70 ASCII Data File

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 015 |
| Test Abbreviation: | MANUAL_015 |
| Start Date: | 8/12/2024 |
| Start Time: | 7:23:58 |
| Duration (dd:hh:mm:ss): | 0:00:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 3 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | -0.286 |
| | Minimum: | -0.286 |
| | Time of Minimum: | 7:38:58 |
| | Date of Minimum: | 8/12/2024 |
| | Maximum: | -0.286 |
| | Time of Maximum: | 7:38:58 |
| | Date of Maximum: | 8/12/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/12/2024 | 7:38:58 | -0.286 |
| 8/12/2024 | 7:53:58 | -0.286 |
| 8/12/2024 | 8:08:58 | -0.286 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 016 |
| Test Abbreviation: | MANUAL_016 |
| Start Date: | 8/12/2024 |

| | |
|---|---|
| Start Time: | 8:25:47 |
| Duration (dd:hh:mm:ss): | 0:04:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 19 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | -0.296 |
| | Minimum: | -0.298 |
| | Time of Minimum: | 8:55:47 |
| | Date of Minimum: | 8/12/2024 |
| | Maximum: | -0.26 |
| | Time of Maximum: | 10:55:47 |
| | Date of Maximum: | 8/12/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/12/2024 | 8:40:47 | -0.296 |
| 8/12/2024 | 8:55:47 | -0.298 |
| 8/12/2024 | 9:10:47 | -0.298 |
| 8/12/2024 | 9:25:47 | -0.298 |
| 8/12/2024 | 9:40:47 | -0.298 |
| 8/12/2024 | 9:55:47 | -0.298 |
| 8/12/2024 | 10:10:47 | -0.298 |
| 8/12/2024 | 10:25:47 | -0.298 |
| 8/12/2024 | 10:40:47 | -0.298 |
| 8/12/2024 | 10:55:47 | -0.26 |
| 8/12/2024 | 11:10:47 | -0.298 |
| 8/12/2024 | 11:25:47 | -0.298 |
| 8/12/2024 | 11:40:47 | -0.298 |
| 8/12/2024 | 11:55:47 | -0.298 |
| 8/12/2024 | 12:10:47 | -0.298 |
| 8/12/2024 | 12:25:47 | -0.298 |
| 8/12/2024 | 12:40:47 | -0.298 |
| 8/12/2024 | 12:55:47 | -0.298 |
| 8/12/2024 | 13:10:47 | -0.298 |

**Table 3**
**Bisonite Paint Co.**
**CAMP - MiniRae PID - Downwind**
**August 12 - 16, 2024**

Summary

| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |
| --- | --- |
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |
| --- | --- |
| Site ID | 12345678 |
| User ID | 12345678 |
| --- | --- |
| Begin | 8/12/2024 7:33 |
| End | 8/12/2024 8:12 |
| Sample Period(s) | 900 |
| Number of Records | 2 |
| --- | --- |
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 2.9 |
| Min | 1.4 |
| Average | 2.2 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 8/12/2024 7:48 | 2.7 | 7.2 | 2.9 |

| | | | | |
|---|---|---|---|---|
| 002 | 8/12/2024 8:03 | 2 | 6.1 | 1.4 |
| Peak | | 2.7 | 7.2 | 2.9 |
| Min | | 2 | 6.1 | 1.4 |
| Average | | 2.4 | 6.7 | 2.2 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 8/12/2024 7:48 | 0.1 | 2.9 |
| 002 | 8/12/2024 8:03 | 0.1 | 4.3 |

==========

24/08/12 09:17

**********

Summary

---

| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

---

| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 8/12/2024 9:17 |
| End | 8/12/2024 13:33 |
| Sample Period(s) | 900 |
| Number of Records | 17 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:12 |
| Peak | 1.3 |
| Min | 0 |

| | |
|---|---|
| Average | 0.2 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 8/12/2024 9:32 | 0.5 | 2.7 | 0.3 |
| 002 | 8/12/2024 9:47 | 0.2 | 0.7 | 0.2 |
| 003 | 8/12/2024 10:02 | 0.2 | 0.8 | 0.3 |
| 004 | 8/12/2024 10:17 | 0.2 | 1.4 | 1.3 |
| 005 | 8/12/2024 10:32 | 0.6 | 1.9 | 0.1 |
| 006 | 8/12/2024 10:47 | 0.3 | 0.8 | 0.2 |
| 007 | 8/12/2024 11:02 | 0.1 | 0.6 | 0.1 |
| 008 | 8/12/2024 11:17 | 0.1 | 0.2 | 0.1 |
| 009 | 8/12/2024 11:32 | 0.1 | 0.8 | 0 |
| 010 | 8/12/2024 11:47 | 0.2 | 1.6 | 0.1 |
| 011 | 8/12/2024 12:02 | 0.2 | 3.4 | 0 |
| 012 | 8/12/2024 12:17 | 0.1 | 0.3 | 0.1 |
| 013 | 8/12/2024 12:32 | 0.1 | 0.5 | 0.1 |
| 014 | 8/12/2024 12:47 | 0.1 | 0.2 | 0.1 |
| 015 | 8/12/2024 13:02 | 0.1 | 0.4 | 0.2 |
| 016 | 8/12/2024 13:17 | 0.1 | 0.2 | 0 |
| 017 | 8/12/2024 13:32 | 0 | 0.2 | 0 |
| Peak | | 0.6 | 3.4 | 1.3 |
| Min | | 0 | 0.2 | 0 |
| Average | | 0.2 | 1 | 0.2 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 8/12/2024 9:32 | 0 | 0.3 |
| 002 | 8/12/2024 9:47 | 0 | 0.5 |
| 003 | 8/12/2024 10:02 | 0 | 0.5 |
| 004 | 8/12/2024 10:17 | 0.1 | 1.6 |
| 005 | 8/12/2024 10:32 | 0.1 | 1.4 |
| 006 | 8/12/2024 10:47 | 0.1 | 0.3 |
| 007 | 8/12/2024 11:02 | 0.1 | 0.3 |
| 008 | 8/12/2024 11:17 | 0.1 | 0.2 |
| 009 | 8/12/2024 11:32 | 0.1 | 0.1 |
| 010 | 8/12/2024 11:47 | 0.1 | 0.1 |
| 011 | 8/12/2024 12:02 | 0.1 | 0.1 |
| 012 | 8/12/2024 12:17 | 0.1 | 0.1 |
| 013 | 8/12/2024 12:32 | 0.1 | 0.2 |
| 014 | 8/12/2024 12:47 | 0.1 | 0.2 |
| 015 | 8/12/2024 13:02 | 0.1 | 0.3 |
| 016 | 8/12/2024 13:17 | 0.1 | 0.2 |
| 017 | 8/12/2024 13:32 | 0.1 | 0 |

MARSH ENGINEERING D.P.C.
271 Marsh Road, Suite 2
Pittsford, New York 14534
Phone: (585) 248-2413

1077.003

September 3, 2024

Michael Keller, EIT
New York State Department of Environmental Conservation
Division of Environmental Remediation
700 Delaware Avenue
Buffalo, New York 14209

Re: Bisonite Paint Company BCP
Site No.: C915010
Weekly Status Report
August 19 – 23, 2024

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Michael;

This weekly status report presents a summary of the site activities performed, community air monitoring conducted, and samples collected for laboratory analyses during the period from August 19 – 23, 2024.

Site Activities included:

- August 19th: Sessler Environmental Services (SES) pumped water from the excavation to the Frac tank; re-located sawdust pile; continued excavating soil from eastern wall of lagoon.
- August 20th: Loaded 4 trucks with non-hazardous soil for off-site disposal; continued excavating eastern wall of lagoon; decommissioned MW-4 (no evidence that well extended below 12.5 feet bgs); encountered drums in southeast corner of excavation; NYSDEC directed SES/Marsh to stop direct loading trucks, indicating soil must be stockpiled and sampled again.
- August 21st: Direct loading of truck with non-hazardous soil approved by NYSDEC; 12 trucks of non-hazardous soil removed for off-site disposal; 1 drum and multiple 5-gallon buckets encountered; reached 1,000 ton limit of soil that can be sent to landfill without additional approvals.
- August 22nd: SES pumped water from Frak tank into sewer; continued excavating in former lagoon along eastern wall; SES cleaned Frac tank for removal from site.
- August 23rd: SES loaded concrete/asphalt for off-site disposal at recycling center; continued excavation along eastern wall into trench area; encountered 5 drums.

Field notes that contain additional details are attached.

Community air monitoring, including volatile organic compounds ("VOCs") and particulates, was conducted consistent with the Community Air Monitoring Plan ("CAMP") during the reporting period. No exceedances of VOCs or particulates were recorded.

CAMP monitoring tables are attached.

If you have any questions, please call us at (585) 248.2413.

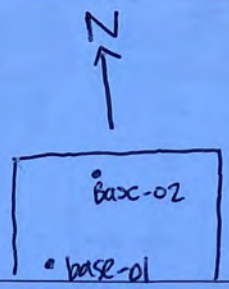
Sincerely,

Bruce W. Ahrens
Senior Project Manager

Attachments:

Field Notes
Table 1 – CAMP – DustTrak – Downwind
Table 2 – CAMP – DustTrak – Upwind
Table 3 – CAMP – MiniRae - Downwind

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**




MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** Bisonite paint | **Marsh Personnel:** E. Spirito |
| **Project Number:** 100.002 | **Contractor:** Sessler |
| **Time Onsite:** 07:20 | **Time Offsite:** |

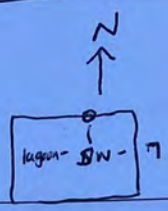
***Description of Activities:***

07:20 Spirito onsite. Sessler setting up hoses to pump water from excavation to frac tank.
07:40 pumping water to frac tank. Zero-calibrating camp equipment.
08:00 upwind PID background - 0ppm
08:15 Begin excavation of lagoon area - creating low point for water to flow into to pump of excavation. Cleaning up Northern wall from wall failure. ~7,000 gal of water in frac tank currently.
08:35 mixing in 3 loader-buckets of sawdust to dry up soils before stockpiling. Light rain begins.
08:40 Relocating sawdust pile from northern wall of excavation more east to make northern excavation wall accessible. generating saw-dust (airbourne) briefly.
09:00 F. Thomas (Sessler) onsite
09:30 Stockpiling excavated soils.
10:30 Base-02 collected from bottom of excavation @ northern end
10:40 Base-01 collected from bottom of excavation @ southern end
~~11:00 Drum # encountered on eastern wall.~~
11:20 continue excavating ~5' in eastern wall, continuing east
13:45 earthwork complete for day - cleaning up site; covering stockpile. plan to have 1 truck on for tomorrow to load excavated soils.
14:00 Spirito offsite.

Signature: Emily Spirito Date: 8/19/24

# of trucks to Landfill: 1111

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**
Pro




| | |
|---|---|
| **Project Name:** Bisonite paint co. | **Marsh Personnel:** Espirito |
| **Project Number:** 100.002 | **Contractor:** Sessler. |
| **Time Onsite:** 07:20 | **Time Offsite:** |

**Description of Activities:**

07:20 spirito onsite. Downloading camp data before earthwork begins. Zero-cal camp equipment.
07:35 Truck #1 of soil to landfill is loaded
08:00 Begin lagoon excavation - Continue excavating eastern wall near MW-4. exposing well. Well depth: 12.5. No evidence of impairment below well
08:10 Screening soils periodically. Some dust becoming airboune due to small site - close proximity to CAMPS. dust spikes do not represent actual air conditions
08:30 Pulled MW-4 - Well casing. ~~No to~~ (already closed in place w/ concrete)
08:35 Brad (NYSDEC) offsite
09:10 Drum #63 encountered in SE corner of excavation, #64, 65, 66
09:30 ~~Ex~~ Excavation of lagoon on hold until more soil is exported offsite on trucks. Spirito submits bottom samples to lab From Yesterday -- 1 day TAT.
10:30 Town of Tonawanda onsite. Loading trucks from excavation
10:45 Town of Tonawanda offsite.
11:30 Northwall sample collected @ 7' bgs.
12:30 NYSDEC directs marsh/sessler to stop loading trucks - States soil must be stockpiled and sampled before export ~~regarded~~ regardless if it is same material that has been excavated from lagoon. Truck called off for day.
12:40 Submitting NW sample to lab on 1 day TAT.
13:30 DEC now allowing direct loading of trucks after receiving analytical of haz soil and direct paint and laquer.
14:00 on-site work done for day. All parties offsite.

Signature: Emily Spirito Date: 8/20/24

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

# of soil trucks to landfill: ||||  ||||  ||

MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** Bisonite paint CO. | **Marsh Personnel:** E. Spirito |
| **Project Number:** 100.002 | **Contractor:** Sessler |
| **Time Onsite:** 07:30 | **Time Offsite:** |

***Description of Activities:***

07:30 Spirito onsite. 2 trucks of soil loaded - exporting to landfill continue stockpiling/direct loading excavated soils from SE corner of lagoon. Set up CAMP. Initial UW PID reading = 0 ppm

09:20 multiple 5 gal buckets centralized just north of NE corner of excavation. Drum #67 encountered.

11:45 soils appear to be cleaning up moving east, contamination observed to be getting shallower.

11:45 Matt (Ses) onsite.

12:06 reached limited ~(1000 tons) @ landfill. Have to get approval to continue transporting soil. Will continue stockpiling soils until we are approved to export again.

11:45 Drum #68 - full of paint liquid. mixed in sawdust w/ sal to soak up liquids.

14:30 excavation work done for day. cleaning up site - sweeping cleaning up loose soils.
camp done for day. All parties offsite.

Signature: Emily Spirito Date: 8/21/24

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** Bisonite Paint Co. | **Marsh Personnel:** E. Spirito |
| **Project Number:** 100.002 | **Contractor:** Sessler |
| **Time Onsite:** 07:30 | **Time Offsite:** |

***Description of Activities:***

07:30 Spirito onsite. Sessler Setting up to begin pumping water from Frac tank to the sewer. Generator not working
08:00 F. Thomas on site.
08:15 Begin discharging water
08:35 Begin excavating lagoon soils - Stockpiling. Start CAMP.
09:00 Matt (Sessler) onsite
09:30 Brad (NYSDEC) onsite.
09:35 continue moving north along eastern wall - still seeing strip of paint @ approximately 6-7' bgs; as well as piping, wood.
09:45 lagoon-SW-SE-7 collected from NE wall at 7' bgs. continue to angle in towards the east on the eastern wall
11:10 Base-03 collected at 7' bgs
11:30 lagoon-SW-S2-6.5 collected @ 6'5' bgs
11:40 lagoon-SW-N2-08 collected at 8' bgs.
11:45 Sessler cleaning Frac tank
14:30 Earthwork done for day. covering soil pil
All parties offsite.



lagoon-SW-NE collection spot

Signature: Emily L Spirito Date: 8/22/24

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

# of trucks for concrete/Asphalt
11

MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** Bisonite Paint Co. | **Marsh Personnel:** E. Spirito |
| **Project Number:** 100.002 | **Contractor:** Sessler |
| **Time Onsite:** 07:30 | **Time Offsite:** |

***Description of Activities:***

07:30 Spirito onsite. Sessler loading concrete/asphalt for offsite export to recycling center. cleaning up soil piles and gravel piles, loose soils around work area.

09:00 Begin lagoon excavation - continue working on eastern wall into trench area. More drums (#s 64, 65, 66, 67, 69) encountered in SE corner.

12:00 cannot dig much further until backfill occurs - EarthWork complete for day. covering piles, cleaning up site.

12:30 All parties offsite

Signature: Emily L Spirito

Date: 8/23/23

**Table 1**
**Bisonite Paint Co.**
**CAMP: DustTrak II - Downwind**
**August 19 - 23, 2024**

TrakPro Version 4.70 ASCII Data File

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 015 |
| Test Abbreviation: | MANUAL_015 |
| Start Date: | 8/19/2024 |
| Start Time: | 8:15:31 |
| Duration (dd:hh:mm:ss): | 0:05:15:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 21 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.022 |
| | Minimum: | 0.001 |
| | Time of Minimum: | 9:45:31 |
| | Date of Minimum: | 8/19/2024 |
| | Maximum: | 0.104 |
| | Time of Maximum: | 8:45:31 |
| | Date of Maximum: | 8/19/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/19/2024 | 8:30:31 | 0.007 |
| 8/19/2024 | 8:45:31 | 0.104 |
| 8/19/2024 | 9:00:31 | 0.088 |
| 8/19/2024 | 9:15:31 | 0.051 |
| 8/19/2024 | 9:30:31 | 0.008 |
| 8/19/2024 | 9:45:31 | 0.001 |
| 8/19/2024 | 10:00:31 | 0.001 |
| 8/19/2024 | 10:15:31 | 0.002 |
| 8/19/2024 | 10:30:31 | 0.005 |

| | | |
|---|---|---|
| 8/19/2024 | 10:45:31 | 0.006 |
| 8/19/2024 | 11:00:31 | 0.006 |
| 8/19/2024 | 11:15:31 | 0.008 |
| 8/19/2024 | 11:30:31 | 0.013 |
| 8/19/2024 | 11:45:31 | 0.018 |
| 8/19/2024 | 12:00:31 | 0.019 |
| 8/19/2024 | 12:15:31 | 0.019 |
| 8/19/2024 | 12:30:31 | 0.02 |
| 8/19/2024 | 12:45:31 | 0.019 |
| 8/19/2024 | 13:00:31 | 0.019 |
| 8/19/2024 | 13:15:31 | 0.019 |
| 8/19/2024 | 13:30:31 | 0.035 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 016 |
| Test Abbreviation: | MANUAL_016 |
| Start Date: | 8/20/2024 |
| Start Time: | 8:12:29 |
| Duration (dd:hh:mm:ss): | 0:05:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 22 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.08 |
| | Minimum: | 0.014 |
| | Time of Minimum: | 9:27:29 |
| | Date of Minimum: | 8/20/2024 |
| | Maximum: | 0.676 |
| | Time of Maximum: | 9:42:29 |
| | Date of Maximum: | 8/20/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/20/2024 | 8:27:29 | 0.026 |
| 8/20/2024 | 8:42:29 | 0.051 |
| 8/20/2024 | 8:57:29 | 0.042 |
| 8/20/2024 | 9:12:29 | 0.071 |

| | | |
|---|---|---|
| 8/20/2024 | 9:27:29 | 0.014 |
| 8/20/2024 | 9:42:29 | 0.676 |
| 8/20/2024 | 9:57:29 | 0.075 |
| 8/20/2024 | 10:12:29 | 0.072 |
| 8/20/2024 | 10:27:29 | 0.034 |
| 8/20/2024 | 10:42:29 | 0.056 |
| 8/20/2024 | 10:57:29 | 0.077 |
| 8/20/2024 | 11:12:29 | 0.03 |
| 8/20/2024 | 11:27:29 | 0.07 |
| 8/20/2024 | 11:42:29 | 0.026 |
| 8/20/2024 | 11:57:29 | 0.03 |
| 8/20/2024 | 12:12:29 | 0.023 |
| 8/20/2024 | 12:27:29 | 0.023 |
| 8/20/2024 | 12:42:29 | 0.021 |
| 8/20/2024 | 12:57:29 | 0.015 |
| 8/20/2024 | 13:12:29 | 0.064 |
| 8/20/2024 | 13:27:29 | 0.228 |
| 8/20/2024 | 13:42:29 | 0.038 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 017 |
| Test Abbreviation: | MANUAL_017 |
| Start Date: | 8/21/2024 |
| Start Time: | 7:42:53 |
| Duration (dd:hh:mm:ss): | 0:06:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 27 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.037 |
| | Minimum: | 0.019 |
| | Time of Minimum: | 10:27:53 |
| | Date of Minimum: | 8/21/2024 |
| | Maximum: | 0.082 |
| | Time of Maximum: | 14:27:53 |
| | Date of Maximum: | 8/21/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/21/2024 | 7:57:53 | 0.021 |
| 8/21/2024 | 8:12:53 | 0.035 |
| 8/21/2024 | 8:27:53 | 0.042 |
| 8/21/2024 | 8:42:53 | 0.026 |
| 8/21/2024 | 8:57:53 | 0.02 |
| 8/21/2024 | 9:12:53 | 0.032 |
| 8/21/2024 | 9:27:53 | 0.026 |
| 8/21/2024 | 9:42:53 | 0.045 |
| 8/21/2024 | 9:57:53 | 0.033 |
| 8/21/2024 | 10:12:53 | 0.043 |
| 8/21/2024 | 10:27:53 | 0.019 |
| 8/21/2024 | 10:42:53 | 0.032 |
| 8/21/2024 | 10:57:53 | 0.05 |
| 8/21/2024 | 11:12:53 | 0.038 |
| 8/21/2024 | 11:27:53 | 0.041 |
| 8/21/2024 | 11:42:53 | 0.026 |
| 8/21/2024 | 11:57:53 | 0.034 |
| 8/21/2024 | 12:12:53 | 0.025 |
| 8/21/2024 | 12:27:53 | 0.036 |
| 8/21/2024 | 12:42:53 | 0.02 |
| 8/21/2024 | 12:57:53 | 0.065 |
| 8/21/2024 | 13:12:53 | 0.052 |
| 8/21/2024 | 13:27:53 | 0.05 |
| 8/21/2024 | 13:42:53 | 0.031 |
| 8/21/2024 | 13:57:53 | 0.036 |
| 8/21/2024 | 14:12:53 | 0.042 |
| 8/21/2024 | 14:27:53 | 0.082 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 018 |
| Test Abbreviation: | MANUAL_018 |
| Start Date: | 8/22/2024 |
| Start Time: | 8:51:34 |
| Duration (dd:hh:mm:ss): | 0:05:15:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 21 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |

| | |
|---|---|
| Average: | 0.034 |
| Minimum: | 0.02 |
| Time of Minimum: | 10:06:34 |
| Date of Minimum: | 8/22/2024 |
| Maximum: | 0.107 |
| Time of Maximum: | 14:06:34 |
| Date of Maximum: | 8/22/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/22/2024 | 9:06:34 | 0.023 |
| 8/22/2024 | 9:21:34 | 0.021 |
| 8/22/2024 | 9:36:34 | 0.024 |
| 8/22/2024 | 9:51:34 | 0.025 |
| 8/22/2024 | 10:06:34 | 0.02 |
| 8/22/2024 | 10:21:34 | 0.034 |
| 8/22/2024 | 10:36:34 | 0.024 |
| 8/22/2024 | 10:51:34 | 0.026 |
| 8/22/2024 | 11:06:34 | 0.022 |
| 8/22/2024 | 11:21:34 | 0.034 |
| 8/22/2024 | 11:36:34 | 0.053 |
| 8/22/2024 | 11:51:34 | 0.025 |
| 8/22/2024 | 12:06:34 | 0.025 |
| 8/22/2024 | 12:21:34 | 0.026 |
| 8/22/2024 | 12:36:34 | 0.027 |
| 8/22/2024 | 12:51:34 | 0.027 |
| 8/22/2024 | 13:06:34 | 0.027 |
| 8/22/2024 | 13:21:34 | 0.031 |
| 8/22/2024 | 13:36:34 | 0.036 |
| 8/22/2024 | 13:51:34 | 0.08 |
| 8/22/2024 | 14:06:34 | 0.107 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 019 |
| Test Abbreviation: | MANUAL_019 |
| Start Date: | 8/23/2024 |
| Start Time: | 7:50:21 |
| Duration (dd:hh:mm:ss): | 0:03:45:00 |
| Log Interval (mm:ss): | 15:00 |

| | | |
|---|---|---|
| Number of points: | 15 | |
| Notes: | | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.021 |
| | Minimum: | 0.019 |
| | Time of Minimum: | 9:20:21 |
| | Date of Minimum: | 8/23/2024 |
| | Maximum: | 0.028 |
| | Time of Maximum: | 8:05:21 |
| | Date of Maximum: | 8/23/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/23/2024 | 8:05:21 | 0.028 |
| 8/23/2024 | 8:20:21 | 0.022 |
| 8/23/2024 | 8:35:21 | 0.022 |
| 8/23/2024 | 8:50:21 | 0.021 |
| 8/23/2024 | 9:05:21 | 0.021 |
| 8/23/2024 | 9:20:21 | 0.019 |
| 8/23/2024 | 9:35:21 | 0.019 |
| 8/23/2024 | 9:50:21 | 0.019 |
| 8/23/2024 | 10:05:21 | 0.019 |
| 8/23/2024 | 10:20:21 | 0.02 |
| 8/23/2024 | 10:35:21 | 0.025 |
| 8/23/2024 | 10:50:21 | 0.02 |
| 8/23/2024 | 11:05:21 | 0.019 |
| 8/23/2024 | 11:20:21 | 0.02 |
| 8/23/2024 | 11:35:21 | 0.021 |

**Table 2**
**Bisonite Paint Co.**
**CAMP: DustTrak II - Upwind**
**August 12 - 16, 2024**

TrakPro Version 4.70 ASCII Data File

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 017 |
| Test Abbreviation: | MANUAL_017 |
| Start Date: | 8/19/2024 |
| Start Time: | 7:56:01 |
| Duration (dd:hh:mm:ss): | 0:05:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 22 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.003 |
| | Minimum: | -0.001 |
| | Time of Minimum: | 9:41:01 |
| | Date of Minimum: | 8/19/2024 |
| | Maximum: | 0.01 |
| | Time of Maximum: | 13:11:01 |
| | Date of Maximum: | 8/19/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/19/2024 | 8:11:01 | 0.002 |
| 8/19/2024 | 8:26:01 | 0 |
| 8/19/2024 | 8:41:01 | 0 |
| 8/19/2024 | 8:56:01 | 0 |
| 8/19/2024 | 9:11:01 | 0 |
| 8/19/2024 | 9:26:01 | 0 |
| 8/19/2024 | 9:41:01 | -0.001 |
| 8/19/2024 | 9:56:01 | 0.001 |
| 8/19/2024 | 10:11:01 | -0.001 |
| 8/19/2024 | 10:26:01 | 0 |

| | | |
|---|---|---|
| 8/19/2024 | 10:41:01 | 0 |
| 8/19/2024 | 10:56:01 | 0 |
| 8/19/2024 | 11:11:01 | 0 |
| 8/19/2024 | 11:26:01 | 0.002 |
| 8/19/2024 | 11:41:01 | 0.007 |
| 8/19/2024 | 11:56:01 | 0.008 |
| 8/19/2024 | 12:11:01 | 0.008 |
| 8/19/2024 | 12:26:01 | 0.009 |
| 8/19/2024 | 12:41:01 | 0.009 |
| 8/19/2024 | 12:56:01 | 0.009 |
| 8/19/2024 | 13:11:01 | 0.01 |
| 8/19/2024 | 13:26:01 | 0.009 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 018 |
| Test Abbreviation: | MANUAL_018 |
| Start Date: | 8/20/2024 |
| Start Time: | 8:14:48 |
| Duration (dd:hh:mm:ss): | 0:05:15:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 21 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.002 |
| | Minimum: | 0 |
| | Time of Minimum: | 10:59:48 |
| | Date of Minimum: | 8/20/2024 |
| | Maximum: | 0.006 |
| | Time of Maximum: | 8:29:48 |
| | Date of Maximum: | 8/20/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/20/2024 | 8:29:48 | 0.006 |
| 8/20/2024 | 8:44:48 | 0.005 |
| 8/20/2024 | 8:59:48 | 0.003 |
| 8/20/2024 | 9:14:48 | 0.003 |

| | | |
|---|---|---|
| 8/20/2024 | 9:29:48 | 0.003 |
| 8/20/2024 | 9:44:48 | 0.003 |
| 8/20/2024 | 9:59:48 | 0.002 |
| 8/20/2024 | 10:14:48 | 0.001 |
| 8/20/2024 | 10:29:48 | 0.001 |
| 8/20/2024 | 10:44:48 | 0.001 |
| 8/20/2024 | 10:59:48 | 0 |
| 8/20/2024 | 11:14:48 | 0 |
| 8/20/2024 | 11:29:48 | 0 |
| 8/20/2024 | 11:44:48 | 0 |
| 8/20/2024 | 11:59:48 | 0 |
| 8/20/2024 | 12:14:48 | 0 |
| 8/20/2024 | 12:29:48 | 0.002 |
| 8/20/2024 | 12:44:48 | 0.001 |
| 8/20/2024 | 12:59:48 | 0 |
| 8/20/2024 | 13:14:48 | 0.001 |
| 8/20/2024 | 13:29:48 | 0 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 019 |
| Test Abbreviation: | MANUAL_019 |
| Start Date: | 8/21/2024 |
| Start Time: | 7:49:02 |
| Duration (dd:hh:mm:ss): | 0:06:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 26 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.003 |
| | Minimum: | 0 |
| | Time of Minimum: | 9:49:02 |
| | Date of Minimum: | 8/21/2024 |
| | Maximum: | 0.013 |
| | Time of Maximum: | 8:04:02 |
| | Date of Maximum: | 8/21/2024 |
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|

| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
|---|---|---|
| 8/21/2024 | 8:04:02 | 0.013 |
| 8/21/2024 | 8:19:02 | 0.011 |
| 8/21/2024 | 8:34:02 | 0.009 |
| 8/21/2024 | 8:49:02 | 0.006 |
| 8/21/2024 | 9:04:02 | 0.004 |
| 8/21/2024 | 9:19:02 | 0.002 |
| 8/21/2024 | 9:34:02 | 0.001 |
| 8/21/2024 | 9:49:02 | 0 |
| 8/21/2024 | 10:04:02 | 0 |
| 8/21/2024 | 10:19:02 | 0 |
| 8/21/2024 | 10:34:02 | 0 |
| 8/21/2024 | 10:49:02 | 0 |
| 8/21/2024 | 11:04:02 | 0 |
| 8/21/2024 | 11:19:02 | 0 |
| 8/21/2024 | 11:34:02 | 0 |
| 8/21/2024 | 11:49:02 | 0 |
| 8/21/2024 | 12:04:02 | 0.001 |
| 8/21/2024 | 12:19:02 | 0.002 |
| 8/21/2024 | 12:34:02 | 0.003 |
| 8/21/2024 | 12:49:02 | 0.003 |
| 8/21/2024 | 13:04:02 | 0.003 |
| 8/21/2024 | 13:19:02 | 0.003 |
| 8/21/2024 | 13:34:02 | 0.003 |
| 8/21/2024 | 13:49:02 | 0.003 |
| 8/21/2024 | 14:04:02 | 0.003 |
| 8/21/2024 | 14:19:02 | 0.003 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 020 |
| Test Abbreviation: | MANUAL_020 |
| Start Date: | 8/22/2024 |
| Start Time: | 8:50:29 |
| Duration (dd:hh:mm:ss): | 0:05:15:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 21 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.005 |
| | Minimum: | 0 |

| | | |
|---|---|---|
| | Time of Minimum: | 10:50:29 |
| | Date of Minimum: | 8/22/2024 |
| | Maximum: | 0.022 |
| | Time of Maximum: | 9:05:29 |
| | Date of Maximum: | 8/22/2024 |
| | | |
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/22/2024 | 9:05:29 | 0.022 |
| 8/22/2024 | 9:20:29 | 0.018 |
| 8/22/2024 | 9:35:29 | 0.013 |
| 8/22/2024 | 9:50:29 | 0.009 |
| 8/22/2024 | 10:05:29 | 0.004 |
| 8/22/2024 | 10:20:29 | 0.003 |
| 8/22/2024 | 10:35:29 | 0.001 |
| 8/22/2024 | 10:50:29 | 0 |
| 8/22/2024 | 11:05:29 | 0 |
| 8/22/2024 | 11:20:29 | 0 |
| 8/22/2024 | 11:35:29 | 0 |
| 8/22/2024 | 11:50:29 | 0 |
| 8/22/2024 | 12:05:29 | 0 |
| 8/22/2024 | 12:20:29 | 0.001 |
| 8/22/2024 | 12:35:29 | 0.003 |
| 8/22/2024 | 12:50:29 | 0.003 |
| 8/22/2024 | 13:05:29 | 0.003 |
| 8/22/2024 | 13:20:29 | 0.003 |
| 8/22/2024 | 13:35:29 | 0.004 |
| 8/22/2024 | 13:50:29 | 0.004 |
| 8/22/2024 | 14:05:29 | 0.005 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 021 |
| Test Abbreviation: | MANUAL_021 |
| Start Date: | 8/23/2024 |
| Start Time: | 7:54:09 |
| Duration (dd:hh:mm:ss): | 0:03:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 14 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.005 |
| | Minimum: | -0.001 |
| | Time of Minimum: | 11:09:09 |
| | Date of Minimum: | 8/23/2024 |
| | Maximum: | 0.017 |
| | Time of Maximum: | 8:09:09 |
| | Date of Maximum: | 8/23/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/23/2024 | 8:09:09 | 0.017 |
| 8/23/2024 | 8:24:09 | 0.014 |
| 8/23/2024 | 8:39:09 | 0.009 |
| 8/23/2024 | 8:54:09 | 0.009 |
| 8/23/2024 | 9:09:09 | 0.01 |
| 8/23/2024 | 9:24:09 | 0.004 |
| 8/23/2024 | 9:39:09 | 0.003 |
| 8/23/2024 | 9:54:09 | 0.002 |
| 8/23/2024 | 10:09:09 | 0.001 |
| 8/23/2024 | 10:24:09 | 0 |
| 8/23/2024 | 10:39:09 | 0 |
| 8/23/2024 | 10:54:09 | 0 |
| 8/23/2024 | 11:09:09 | -0.001 |
| 8/23/2024 | 11:24:09 | -0.001 |

==========
24/08/19 08:32
**********
Summary
---
Unit Name MiniRAE 3000(PGM-7320)
Unit SN 592-920873
Unit Firmware Ver V2.22
---
Running Mode Hygiene Mode
Datalog Mode Auto
Diagnostic Mode No
Stop Reason Power Down
---
Site ID 12345678
User ID 12345678
---
Begin 8/19/2024 08:32:26
End 8/19/2024 14:01:00
Sample Period(s) 900
Number of Records 21
---
Sensor PID(ppm)
Sensor SN S023030625A9
Measure Type Avg; Max; Real
Span 100.0
Span 2 1000.0
Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 100.0
TWA Alarm 50.0
Measurement Gas Isobutylene
Calibration Time 7/12/2024 09:12
Peak 1.5
Min 0.0
Average 0.2

**********
Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) | PID(ppm) |
|---|---|---|---|---|---|
| 001 | 8/19/2024 08:47:26 | | 0.0 | 0.0 | 0.0 |
| 002 | 8/19/2024 09:02:26 | | 0.0 | 0.0 | 0.0 |
| 003 | 8/19/2024 09:17:26 | | 0.0 | 0.5 | 0.0 |
| 004 | 8/19/2024 09:32:26 | | 0.0 | 0.0 | 0.0 |
| 005 | 8/19/2024 09:47:26 | | 0.0 | 0.0 | 0.0 |
| 006 | 8/19/2024 10:02:26 | | 0.0 | 0.1 | 0.0 |
| 007 | 8/19/2024 10:17:26 | | 0.0 | 0.1 | 0.0 |
| 008 | 8/19/2024 10:32:26 | | 0.0 | 0.0 | 0.0 |

| | | | | |
|---|---|---|---|---|
| 009 | 8/19/2024 10:47:26 | 0.0 | 1.4 | 0.0 |
| 010 | 8/19/2024 11:02:26 | 0.1 | 5.6 | 0.4 |
| 011 | 8/19/2024 11:17:26 | 0.9 | 7.3 | 1.5 |
| 012 | 8/19/2024 11:32:26 | 0.7 | 11.0 | 0.0 |
| 013 | 8/19/2024 11:47:26 | 0.1 | 0.8 | 0.0 |
| 014 | 8/19/2024 12:02:26 | 0.1 | 1.4 | 0.0 |
| 015 | 8/19/2024 12:17:26 | 0.1 | 1.8 | 0.0 |
| 016 | 8/19/2024 12:32:26 | 0.1 | 0.8 | 0.0 |
| 017 | 8/19/2024 12:47:26 | 0.0 | 0.3 | 0.1 |
| 018 | 8/19/2024 13:02:26 | 0.5 | 2.8 | 0.8 |
| 019 | 8/19/2024 13:17:26 | 0.4 | 2.5 | 0.3 |
| 020 | 8/19/2024 13:32:26 | 0.2 | 1.1 | 0.2 |
| 021 | 8/19/2024 13:47:26 | 0.5 | 4.8 | 0.3 |
| Peak | | 0.9 | 11.0 | 1.5 |
| Min | | 0.0 | 0.0 | 0.0 |
| Average | | 0.2 | 2.0 | 0.2 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 8/19/2024 08:47:26 | 0.0 | 0.0 |
| 002 | 8/19/2024 09:02:26 | 0.0 | 0.0 |
| 003 | 8/19/2024 09:17:26 | 0.0 | 0.0 |
| 004 | 8/19/2024 09:32:26 | 0.0 | 0.0 |
| 005 | 8/19/2024 09:47:26 | 0.0 | 0.0 |
| 006 | 8/19/2024 10:02:26 | 0.0 | 0.0 |
| 007 | 8/19/2024 10:17:26 | 0.0 | 0.0 |
| 008 | 8/19/2024 10:32:26 | 0.0 | 0.0 |
| 009 | 8/19/2024 10:47:26 | 0.0 | 0.0 |
| 010 | 8/19/2024 11:02:26 | 0.0 | 0.4 |
| 011 | 8/19/2024 11:17:26 | 0.1 | 1.9 |
| 012 | 8/19/2024 11:32:26 | 0.1 | 1.5 |
| 013 | 8/19/2024 11:47:26 | 0.1 | 0.0 |
| 014 | 8/19/2024 12:02:26 | 0.1 | 0.0 |
| 015 | 8/19/2024 12:17:26 | 0.1 | 0.0 |
| 016 | 8/19/2024 12:32:26 | 0.1 | 0.0 |
| 017 | 8/19/2024 12:47:26 | 0.1 | 0.1 |
| 018 | 8/19/2024 13:02:26 | 0.1 | 0.9 |
| 019 | 8/19/2024 13:17:26 | 0.1 | 1.1 |
| 020 | 8/19/2024 13:32:26 | 0.1 | 0.5 |
| 021 | 8/19/2024 13:47:26 | 0.1 | 0.5 |

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24/08/20 08:29

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Summary

---

Unit Name MiniRAE 3000(PGM-7320)

Unit SN 592-920873

Unit Firmware Ver V2.22

```
------------------------------------------------------------
Running Mode    Hygiene Mode
Datalog Mode    Auto
Diagnostic Mode No
Stop Reason     Battery Low
------------------------------------------------------------
Site ID 12345678
User ID 12345678
------------------------------------------------------------
Begin   8/20/2024 08:29:30
End     8/20/2024 08:47:13
Sample Period(s)        900
Number of Records       1
------------------------------------------------------------
Sensor  PID(ppm)
Sensor SN       S023030625A9
Measure Type    Avg; Max; Real
Span    100.0
Span 2  1000.0
Low Alarm       50.0
High Alarm      100.0
Over Alarm      15000.0
STEL Alarm      100.0
TWA Alarm       50.0
Measurement Gas Isobutylene
Calibration Time        7/12/2024 09:12
Peak    5.1
Min     5.1
Average 5.1

************************************************************
Datalog
                PID(ppm)        PID(ppm)        PID(ppm)
Index   Date/Time       (Avg)   (Max)   (Real)
001     8/20/2024 08:44:30      2.1     10.5    5.1
Peak            2.1     10.5    5.1
Min             2.1     10.5    5.1
Average         2.1     10.5    5.1

************************************************************
TWA/STEL
                PID(ppm)        PID(ppm)
Index   Date/Time       (TWA)   (STEL)
001     8/20/2024 08:44:30      0.2     5.1
============================================================
24/08/20 09:18
************************************************************
Summary
------------------------------------------------------------
Unit Name       MiniRAE 3000(PGM-7320)
```

Unit SN 592-920873
Unit Firmware Ver V2.22

---

Running Mode Hygiene Mode
Datalog Mode Auto
Diagnostic Mode No
Stop Reason Power Down

---

Site ID 12345678
User ID 12345678

---

Begin 8/20/2024 09:18:28
End 8/20/2024 14:08:32
Sample Period(s) 900
Number of Records 19

---

Sensor PID(ppm)
Sensor SN S023030625A9
Measure Type Avg; Max; Real
Span 100.0
Span 2 1000.0
Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 100.0
TWA Alarm 50.0
Measurement Gas Isobutylene
Calibration Time 7/12/2024 09:12
Peak 2.2
Min 0.1
Average 0.5

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) | PID(ppm) |
|---|---|---|---|---|---|
| 001 | 8/20/2024 09:33:28 | | 0.6 | 3.1 | 1.4 |
| 002 | 8/20/2024 09:48:28 | | 0.6 | 3.4 | 0.2 |
| 003 | 8/20/2024 10:03:28 | | 0.5 | 3.9 | 2.2 |
| 004 | 8/20/2024 10:18:28 | | 0.7 | 4.8 | 0.4 |
| 005 | 8/20/2024 10:33:28 | | 0.4 | 2.3 | 0.6 |
| 006 | 8/20/2024 10:48:28 | | 0.3 | 1.6 | 0.4 |
| 007 | 8/20/2024 11:03:28 | | 0.4 | 1.9 | 0.2 |
| 008 | 8/20/2024 11:18:28 | | 0.2 | 0.7 | 0.2 |
| 009 | 8/20/2024 11:33:28 | | 0.5 | 5.6 | 1.1 |
| 010 | 8/20/2024 11:48:28 | | 0.7 | 3.1 | 0.4 |
| 011 | 8/20/2024 12:03:28 | | 0.4 | 1.7 | 0.5 |
| 012 | 8/20/2024 12:18:28 | | 0.3 | 1.3 | 0.3 |
| 013 | 8/20/2024 12:33:28 | | 0.2 | 1.0 | 0.1 |
| 014 | 8/20/2024 12:48:28 | | 0.2 | 0.9 | 0.1 |

| | | | | |
|---|---|---|---|---|
| 015 | 8/20/2024 13:03:28 | 0.2 | 1.1 | 0.2 |
| 016 | 8/20/2024 13:18:28 | 0.2 | 0.6 | 0.2 |
| 017 | 8/20/2024 13:33:28 | 0.4 | 1.6 | 0.2 |
| 018 | 8/20/2024 13:48:28 | 0.2 | 1.0 | 0.1 |
| 019 | 8/20/2024 14:03:28 | 0.1 | 0.4 | 0.1 |
| Peak | | 0.7 | 5.6 | 2.2 |
| Min | | 0.1 | 0.4 | 0.1 |
| Average | | 0.4 | 2.1 | 0.5 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 8/20/2024 09:33:28 | 0.0 | 1.4 |
| 002 | 8/20/2024 09:48:28 | 0.0 | 1.6 |
| 003 | 8/20/2024 10:03:28 | 0.1 | 2.4 |
| 004 | 8/20/2024 10:18:28 | 0.1 | 2.6 |
| 005 | 8/20/2024 10:33:28 | 0.1 | 1.0 |
| 006 | 8/20/2024 10:48:28 | 0.2 | 1.0 |
| 007 | 8/20/2024 11:03:28 | 0.2 | 0.6 |
| 008 | 8/20/2024 11:18:28 | 0.2 | 0.4 |
| 009 | 8/20/2024 11:33:28 | 0.2 | 1.3 |
| 010 | 8/20/2024 11:48:28 | 0.2 | 1.5 |
| 011 | 8/20/2024 12:03:28 | 0.2 | 0.9 |
| 012 | 8/20/2024 12:18:28 | 0.2 | 0.8 |
| 013 | 8/20/2024 12:33:28 | 0.3 | 0.4 |
| 014 | 8/20/2024 12:48:28 | 0.3 | 0.2 |
| 015 | 8/20/2024 13:03:28 | 0.3 | 0.3 |
| 016 | 8/20/2024 13:18:28 | 0.3 | 0.4 |
| 017 | 8/20/2024 13:33:28 | 0.3 | 0.4 |
| 018 | 8/20/2024 13:48:28 | 0.3 | 0.3 |
| 019 | 8/20/2024 14:03:28 | 0.3 | 0.2 |

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24/08/21 07:59

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Summary

---

Unit Name MiniRAE 3000(PGM-7320)
Unit SN 592-920873
Unit Firmware Ver V2.22

---

Running Mode Hygiene Mode
Datalog Mode Auto
Diagnostic Mode No
Stop Reason Power Down

---

Site ID 12345678
User ID 12345678

---

Begin 8/21/2024 07:59:57

End 8/21/2024 14:47:31
Sample Period(s) 900
Number of Records 27

---

Sensor PID(ppm)
Sensor SN S023030625A9
Measure Type Avg; Max; Real
Span 100.0
Span 2 1000.0
Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 100.0
TWA Alarm 50.0
Measurement Gas Isobutylene
Calibration Time 7/12/2024 09:12
Peak 2.7
Min 0.1
Average 0.9

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) | |
|---|---|---|---|---|---|
| 001 | 8/21/2024 08:14:57 | 2.1 | 8.7 | 2.6 | |
| 002 | 8/21/2024 08:29:57 | 2.8 | 9.6 | 1.4 | |
| 003 | 8/21/2024 08:44:57 | 1.7 | 5.0 | 2.1 | |
| 004 | 8/21/2024 08:59:57 | 1.4 | 5.2 | 1.2 | |
| 005 | 8/21/2024 09:14:57 | 1.2 | 3.4 | 1.2 | |
| 006 | 8/21/2024 09:29:57 | 1.2 | 3.6 | 1.3 | |
| 007 | 8/21/2024 09:44:57 | 1.2 | 4.1 | 0.7 | |
| 008 | 8/21/2024 09:59:57 | 1.7 | 4.9 | 2.7 | |
| 009 | 8/21/2024 10:14:57 | 1.3 | 4.1 | 1.0 | |
| 010 | 8/21/2024 10:29:57 | 1.4 | 3.6 | 0.9 | |
| 011 | 8/21/2024 10:44:57 | 0.9 | 2.0 | 0.8 | |
| 012 | 8/21/2024 10:59:57 | 1.2 | 3.2 | 0.9 | |
| 013 | 8/21/2024 11:14:57 | 0.8 | 1.9 | 1.0 | |
| 014 | 8/21/2024 11:29:57 | 0.8 | 4.2 | 0.6 | |
| 015 | 8/21/2024 11:44:57 | 0.4 | 1.8 | 0.2 | |
| 016 | 8/21/2024 11:59:57 | 0.4 | 1.6 | 0.1 | |
| 017 | 8/21/2024 12:14:57 | 0.6 | 1.4 | 0.6 | |
| 018 | 8/21/2024 12:29:57 | 0.6 | 1.8 | 0.3 | |
| 019 | 8/21/2024 12:44:57 | 0.4 | 1.2 | 0.4 | |
| 020 | 8/21/2024 12:59:57 | 0.4 | 1.3 | 0.3 | |
| 021 | 8/21/2024 13:14:57 | 0.5 | 1.5 | 0.3 | |
| 022 | 8/21/2024 13:29:57 | 1.0 | 2.1 | 0.4 | |
| 023 | 8/21/2024 13:44:57 | 0.6 | 1.5 | 0.6 | |
| 024 | 8/21/2024 13:59:57 | 0.8 | 1.8 | 0.6 | |
| 025 | 8/21/2024 14:14:57 | 0.5 | 2.1 | 0.7 | |
| 026 | 8/21/2024 14:29:57 | 0.6 | 1.3 | 0.4 | |

027 8/21/2024 14:44:57 0.5 1.3 0.7
Peak 2.8 9.6 2.7
Min 0.4 1.2 0.1
Average 1.0 3.1 0.9

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 8/21/2024 08:14:57 | 0.1 | 2.6 |
| 002 | 8/21/2024 08:29:57 | 0.1 | 4.0 |
| 003 | 8/21/2024 08:44:57 | 0.2 | 3.5 |
| 004 | 8/21/2024 08:59:57 | 0.2 | 3.3 |
| 005 | 8/21/2024 09:14:57 | 0.3 | 2.4 |
| 006 | 8/21/2024 09:29:57 | 0.3 | 2.5 |
| 007 | 8/21/2024 09:44:57 | 0.3 | 2.0 |
| 008 | 8/21/2024 09:59:57 | 0.4 | 3.4 |
| 009 | 8/21/2024 10:14:57 | 0.4 | 3.7 |
| 010 | 8/21/2024 10:29:57 | 0.5 | 1.9 |
| 011 | 8/21/2024 10:44:57 | 0.5 | 1.7 |
| 012 | 8/21/2024 10:59:57 | 0.5 | 1.7 |
| 013 | 8/21/2024 11:14:57 | 0.6 | 1.9 |
| 014 | 8/21/2024 11:29:57 | 0.6 | 1.6 |
| 015 | 8/21/2024 11:44:57 | 0.6 | 0.8 |
| 016 | 8/21/2024 11:59:57 | 0.6 | 0.3 |
| 017 | 8/21/2024 12:14:57 | 0.6 | 0.7 |
| 018 | 8/21/2024 12:29:57 | 0.6 | 0.9 |
| 019 | 8/21/2024 12:44:57 | 0.6 | 0.7 |
| 020 | 8/21/2024 12:59:57 | 0.6 | 0.7 |
| 021 | 8/21/2024 13:14:57 | 0.6 | 0.6 |
| 022 | 8/21/2024 13:29:57 | 0.7 | 0.7 |
| 023 | 8/21/2024 13:44:57 | 0.7 | 1.0 |
| 024 | 8/21/2024 13:59:57 | 0.7 | 1.2 |
| 025 | 8/21/2024 14:14:57 | 0.7 | 1.3 |
| 026 | 8/21/2024 14:29:57 | 0.7 | 1.1 |
| 027 | 8/21/2024 14:44:57 | 0.8 | 1.1 |

==========

24/08/22 09:08

**********

Summary

---

Unit Name MiniRAE 3000(PGM-7320)
Unit SN 592-920873
Unit Firmware Ver V2.22

---

Running Mode Hygiene Mode
Datalog Mode Auto
Diagnostic Mode No
Stop Reason Battery Low

---

Site ID 12345678
User ID 12345678

---

Begin 8/22/2024 09:08:57
End 8/22/2024 12:19:42
Sample Period(s) 900
Number of Records 12

---

Sensor PID(ppm)
Sensor SN S023030625A9
Measure Type Avg; Max; Real
Span 100.0
Span 2 1000.0
Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 100.0
TWA Alarm 50.0
Measurement Gas Isobutylene
Calibration Time 7/12/2024 09:12
Peak 0.3
Min 0.0
Average 0.1

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) | PID(ppm) |
|---|---|---|---|---|---|
| 001 | 8/22/2024 09:23:57 | | 0.1 | 1.1 | 0.0 |
| 002 | 8/22/2024 09:38:57 | | 0.1 | 0.7 | 0.0 |
| 003 | 8/22/2024 09:53:57 | | 0.1 | 0.9 | 0.0 |
| 004 | 8/22/2024 10:08:57 | | 0.1 | 0.7 | 0.1 |
| 005 | 8/22/2024 10:23:57 | | 0.1 | 0.7 | 0.0 |
| 006 | 8/22/2024 10:38:57 | | 0.2 | 1.0 | 0.1 |
| 007 | 8/22/2024 10:53:57 | | 0.3 | 1.5 | 0.3 |
| 008 | 8/22/2024 11:08:57 | | 0.3 | 2.1 | 0.3 |
| 009 | 8/22/2024 11:23:57 | | 0.2 | 0.9 | 0.1 |
| 010 | 8/22/2024 11:38:57 | | 0.2 | 1.0 | 0.1 |
| 011 | 8/22/2024 11:53:57 | | 0.2 | 0.9 | 0.2 |
| 012 | 8/22/2024 12:08:57 | | 0.3 | 0.9 | 0.3 |
| Peak | | 0.3 | 2.1 | 0.3 | |
| Min | | 0.1 | 0.7 | 0.0 | |
| Average | | 0.2 | 1.0 | 0.1 | |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 8/22/2024 09:23:57 | 0.0 | 0.0 |
| 002 | 8/22/2024 09:38:57 | 0.0 | 0.0 |

```
003     8/22/2024 09:53:57      0.0     0.0
004     8/22/2024 10:08:57      0.0     0.1
005     8/22/2024 10:23:57      0.0     0.1
006     8/22/2024 10:38:57      0.0     0.1
007     8/22/2024 10:53:57      0.0     0.4
008     8/22/2024 11:08:57      0.0     0.6
009     8/22/2024 11:23:57      0.0     0.4
010     8/22/2024 11:38:57      0.0     0.2
011     8/22/2024 11:53:57      0.0     0.3
012     8/22/2024 12:08:57      0.0     0.5
============================================================
24/08/23 08:09
************************************************************
Summary
------------------------------------------------------------
Unit Name       MiniRAE 3000(PGM-7320)
Unit SN 592-920873
Unit Firmware Ver       V2.22
------------------------------------------------------------
Running Mode    Hygiene Mode
Datalog Mode    Auto
Diagnostic Mode No
Stop Reason     Battery Low
------------------------------------------------------------
Site ID 12345678
User ID 12345678
------------------------------------------------------------
Begin   8/23/2024 08:09:10
End     8/23/2024 09:48:14
Sample Period(s)        900
Number of Records       6
------------------------------------------------------------
Sensor  PID(ppm)
Sensor SN       S023030625A9
Measure Type    Avg; Max; Real
Span    100.0
Span 2  1000.0
Low Alarm       50.0
High Alarm      100.0
Over Alarm      15000.0
STEL Alarm      100.0
TWA Alarm       50.0
Measurement Gas Isobutylene
Calibration Time        7/12/2024 09:12
Peak    0.0
Min     0.0
Average 0.0

************************************************************
Datalog
```

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 8/23/2024 08:24:10 | 0.0 | 0.0 | 0.0 |
| 002 | 8/23/2024 08:39:10 | 0.0 | 0.2 | 0.0 |
| 003 | 8/23/2024 08:54:10 | 0.0 | 0.3 | 0.0 |
| 004 | 8/23/2024 09:09:10 | 0.0 | 0.0 | 0.0 |
| 005 | 8/23/2024 09:24:10 | 0.0 | 0.0 | 0.0 |
| 006 | 8/23/2024 09:39:10 | 0.0 | 0.0 | 0.0 |
| Peak | | 0.0 | 0.3 | 0.0 |
| Min | | 0.0 | 0.0 | 0.0 |
| Average | | 0.0 | 0.1 | 0.0 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 8/23/2024 08:24:10 | 0.0 | 0.0 |
| 002 | 8/23/2024 08:39:10 | 0.0 | 0.0 |
| 003 | 8/23/2024 08:54:10 | 0.0 | 0.0 |
| 004 | 8/23/2024 09:09:10 | 0.0 | 0.0 |
| 005 | 8/23/2024 09:24:10 | 0.0 | 0.0 |
| 006 | 8/23/2024 09:39:10 | 0.0 | 0.0 |

MARSH ENGINEERING D.P.C.
271 Marsh Road, Suite 2
Pittsford, New York 14534
Phone: (585) 248-2413

1077.003

September 5, 2024

Michael Keller, EIT
New York State Department of Environmental Conservation
Division of Environmental Remediation
700 Delaware Avenue
Buffalo, New York 14209

Re: Bisonite Paint Company BCP
Site No.: C915010
Weekly Status Report
August 26 – 30, 2024

---

Michael;

This weekly status report presents a summary of the site activities performed, community air monitoring conducted, and samples collected for laboratory analyses during the period from August 26 – 30, 2024.

Site Activities included:

- August 26th: Sessler Environmental Services (SES) imported 4 truckloads of stone for backfilling former lagoon; backfilled and compacted stone in 1-foot lifts.
- August 27th: SES continued backfilling and compaction of former lagoon; trucks driving by Upwind CAMP station kicked up dust causing temporary spike; no spike in downwind station; Marsh collected GPS location data for sample points and lagoon excavation extent.
- August 28th: SES began removing asphalt and stone along southeast corner of lagoon excavation to identify trench; encountered 6 buried drums; at end of day ran out of room to stockpile additional soil. Total of 79 drums encountered to date.
- August 29th: No site work.
- August 30th: No site work

Field notes that contain additional details are attached.

Community air monitoring, including volatile organic compounds ("VOCs") and particulates, was conducted consistent with the Community Air Monitoring Plan ("CAMP") during the reporting period.

CAMP monitoring tables are attached.

If you have any questions, please call us at (585) 248.2413.

Sincerely,

Bruce W. Ahrens
Senior Project Manager

Attachments:

Field Notes
Table 1 – CAMP – DustTrak – Downwind
Table 2 – CAMP – DustTrak – Upwind
Table 3a – CAMP – MiniRae – Downwind 082624 – 082724
Table 3b – CAMP – MiniRae – Downwind 082624 – 082824

# Marsh Engineering D.P.C.
## Environmental Oversight Daily Log

# of trucks of stone: ||| |||

MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** Bisonite paint CO. | **Marsh Personnel:** |
| **Project Number:** 100.002 | **Contractor:** Sessler |
| **Time Onsite:** 07:30 | **Time Offsite:** |

**Description of Activities:**

07:30 Spirito onsite. ~~trucks of 4^ backfill stone importing from~~
4 trucks on to import stone for backfill of lagoon excavation, spreading stone in 1'ft sections along bottom of excavation. Download amp data. Start CAMP.
08:45 Brad (DEC) onsite.
15:05 Backfilling activities done for day
15:30 All parties offsite

Signature: Emily Spirito Date: 8/26/24

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

| | | | |
|---|---|---|---|
| **Project Name:** | Bisonite Paint Co. | **Marsh Personnel:** | E. Spirito |
| **Project Number:** | 100.002 | **Contractor:** | Sessler |
| **Time Onsite:** | | **Time Offsite:** | |

***Description of Activities:***

09:50 Spirito onsite - Errors w/ DW PID. Set up camps. Zero-cal. all equipment. Backfilling of excavation continues Brad (DEC) onsite. Backfilling with imported stone up to 2' bgs, using stockpiled stone from excavation for 2' bgs to ground surface.

10:00 Trucks driving near UW camp, producing dust spike. Readings/spikes not representative of actual field conditions

10:30 GPSing all sample points and lagoon extent.

12:00 Tamping stone import in excavation, ~ 1' lifts.

14:30 Dusting/sweeping site - some airbourne dust but settles quickly.

15:00 Onsite work done for day. All parties offsite.

Signature: [signature]

Date: 8/27/24

Marsh Engineering D.P.C.
Environmental Oversight Daily Log

MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** Bisonite | **Marsh Personnel:** E. Spirito |
| **Project Number:** 100.002 | **Contractor:** Sessler |
| **Time Onsite:** | **Time Offsite:** |

**Description of Activities:**

07:30 Spirito onsite. Sessler uncovering stockpile
08:00 start AAMP, begin removing asphalt and stone ~~&~~ on south-eastern wall of lagoon/beginning of trench. Encountering dense area of drums (4), bringing drum total to 73.
09:30 Drums #74 & #75.
11:00 Drums #76, 77, 78, and 79.
13:00 Ran out of room to stockpile soils. Earthwork done for day, cleaning up site
13:30 All parties offsite

Signature: Emily Spirito Date: 8/29/24

**Table 1**
**Bisonite Paint Co.**
**CAMP: DustTrak II - Downwind**
**August 26 - 28, 2024**

TrakPro Version 4.70 ASCII Data File

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 020 |
| Test Abbreviation: | MANUAL_020 |
| Start Date: | 8/26/2024 |
| Start Time: | 8:47:02 |
| Duration (dd:hh:mm:ss): | 0:06:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 26 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.078 |
| | Minimum: | 0.042 |
| | Time of Minimum: | 9:17:02 |
| | Date of Minimum: | 8/26/2024 |
| | Maximum: | 0.731 |
| | Time of Maximum: | 15:17:02 |
| | Date of Maximum: | 8/26/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/26/2024 | 9:02:02 | 0.048 |
| 8/26/2024 | 9:17:02 | 0.042 |
| 8/26/2024 | 9:32:02 | 0.043 |
| 8/26/2024 | 9:47:02 | 0.045 |
| 8/26/2024 | 10:02:02 | 0.046 |
| 8/26/2024 | 10:17:02 | 0.047 |
| 8/26/2024 | 10:32:02 | 0.065 |
| 8/26/2024 | 10:47:02 | 0.049 |
| 8/26/2024 | 11:02:02 | 0.056 |

| | | |
|---|---|---|
| 8/26/2024 | 11:17:02 | 0.054 |
| 8/26/2024 | 11:32:02 | 0.053 |
| 8/26/2024 | 11:47:02 | 0.052 |
| 8/26/2024 | 12:02:02 | 0.051 |
| 8/26/2024 | 12:17:02 | 0.051 |
| 8/26/2024 | 12:32:02 | 0.05 |
| 8/26/2024 | 12:47:02 | 0.051 |
| 8/26/2024 | 13:02:02 | 0.051 |
| 8/26/2024 | 13:17:02 | 0.052 |
| 8/26/2024 | 13:32:02 | 0.058 |
| 8/26/2024 | 13:47:02 | 0.066 |
| 8/26/2024 | 14:02:02 | 0.055 |
| 8/26/2024 | 14:17:02 | 0.067 |
| 8/26/2024 | 14:32:02 | 0.056 |
| 8/26/2024 | 14:47:02 | 0.049 |
| 8/26/2024 | 15:02:02 | 0.049 |
| 8/26/2024 | 15:17:02 | 0.731 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 021 |
| Test Abbreviation: | MANUAL_021 |
| Start Date: | 8/27/2024 |
| Start Time: | 10:16:40 |
| Duration (dd:hh:mm:ss): | 0:03:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 14 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.055 |
| | Minimum: | 0.036 |
| | Time of Minimum: | 10:46:40 |
| | Date of Minimum: | 8/27/2024 |
| | Maximum: | 0.111 |
| | Time of Maximum: | 13:16:40 |
| | Date of Maximum: | 8/27/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 1/25/2024 |

| | | |
|---|---|---|
| Date | Time | AEROSOL |

| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
|---|---|---|
| 8/27/2024 | 10:31:40 | 0.048 |
| 8/27/2024 | 10:46:40 | 0.036 |
| 8/27/2024 | 11:01:40 | 0.037 |
| 8/27/2024 | 11:16:40 | 0.038 |
| 8/27/2024 | 11:31:40 | 0.037 |
| 8/27/2024 | 11:46:40 | 0.04 |
| 8/27/2024 | 12:01:40 | 0.065 |
| 8/27/2024 | 12:16:40 | 0.047 |
| 8/27/2024 | 12:31:40 | 0.049 |
| 8/27/2024 | 12:46:40 | 0.047 |
| 8/27/2024 | 13:01:40 | 0.068 |
| 8/27/2024 | 13:16:40 | 0.111 |
| 8/27/2024 | 13:31:40 | 0.088 |
| 8/27/2024 | 13:46:40 | 0.058 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 022 |
| Test Abbreviation: | MANUAL_022 |
| Start Date: | 8/28/2024 |
| Start Time: | 7:59:42 |
| Duration (dd:hh:mm:ss): | 0:05:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 22 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.021 |
| | Minimum: | 0.013 |
| | Time of Minimum: | 8:59:42 |
| | Date of Minimum: | 8/28/2024 |
| | Maximum: | 0.043 |
| | Time of Maximum: | 12:59:42 |
| | Date of Maximum: | 8/28/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/28/2024 | 8:14:42 | 0.017 |

| | | |
|---|---|---|
| 8/28/2024 | 8:29:42 | 0.016 |
| 8/28/2024 | 8:44:42 | 0.014 |
| 8/28/2024 | 8:59:42 | 0.013 |
| 8/28/2024 | 9:14:42 | 0.014 |
| 8/28/2024 | 9:29:42 | 0.014 |
| 8/28/2024 | 9:44:42 | 0.018 |
| 8/28/2024 | 9:59:42 | 0.017 |
| 8/28/2024 | 10:14:42 | 0.021 |
| 8/28/2024 | 10:29:42 | 0.019 |
| 8/28/2024 | 10:44:42 | 0.019 |
| 8/28/2024 | 10:59:42 | 0.02 |
| 8/28/2024 | 11:14:42 | 0.021 |
| 8/28/2024 | 11:29:42 | 0.023 |
| 8/28/2024 | 11:44:42 | 0.024 |
| 8/28/2024 | 11:59:42 | 0.025 |
| 8/28/2024 | 12:14:42 | 0.022 |
| 8/28/2024 | 12:29:42 | 0.023 |
| 8/28/2024 | 12:44:42 | 0.024 |
| 8/28/2024 | 12:59:42 | 0.043 |
| 8/28/2024 | 13:14:42 | 0.026 |
| 8/28/2024 | 13:29:42 | 0.03 |

**Table 2**
**Bisonite Paint Co.**
**CAMP: DustTrak II - Upwind**
**August 26 - 27, 2024**

TrakPro Version 4.70 ASCII Data File

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 022 |
| Test Abbreviation: | MANUAL_022 |
| Start Date: | 8/26/2024 |
| Start Time: | 7:51:31 |
| Duration (dd:hh:mm:ss): | 0:07:15:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 29 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.043 |
| | Minimum: | 0.026 |
| | Time of Minimum: | 15:06:31 |
| | Date of Minimum: | 8/26/2024 |
| | Maximum: | 0.071 |
| | Time of Maximum: | 8:06:31 |
| | Date of Maximum: | 8/26/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/26/2024 | 8:06:31 | 0.071 |
| 8/26/2024 | 8:21:31 | 0.061 |
| 8/26/2024 | 8:36:31 | 0.058 |
| 8/26/2024 | 8:51:31 | 0.054 |
| 8/26/2024 | 9:06:31 | 0.049 |
| 8/26/2024 | 9:21:31 | 0.059 |
| 8/26/2024 | 9:36:31 | 0.055 |
| 8/26/2024 | 9:51:31 | 0.046 |
| 8/26/2024 | 10:06:31 | 0.043 |

| | | |
|---|---|---|
| 8/26/2024 | 10:21:31 | 0.063 |
| 8/26/2024 | 10:36:31 | 0.045 |
| 8/26/2024 | 10:51:31 | 0.037 |
| 8/26/2024 | 11:06:31 | 0.038 |
| 8/26/2024 | 11:21:31 | 0.035 |
| 8/26/2024 | 11:36:31 | 0.037 |
| 8/26/2024 | 11:51:31 | 0.054 |
| 8/26/2024 | 12:06:31 | 0.036 |
| 8/26/2024 | 12:21:31 | 0.036 |
| 8/26/2024 | 12:36:31 | 0.033 |
| 8/26/2024 | 12:51:31 | 0.037 |
| 8/26/2024 | 13:06:31 | 0.044 |
| 8/26/2024 | 13:21:31 | 0.035 |
| 8/26/2024 | 13:36:31 | 0.034 |
| 8/26/2024 | 13:51:31 | 0.034 |
| 8/26/2024 | 14:06:31 | 0.045 |
| 8/26/2024 | 14:21:31 | 0.031 |
| 8/26/2024 | 14:36:31 | 0.029 |
| 8/26/2024 | 14:51:31 | 0.036 |
| 8/26/2024 | 15:06:31 | 0.026 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 023 |
| Test Abbreviation: | MANUAL_023 |
| Start Date: | 8/27/2024 |
| Start Time: | 4:51:20 |
| Duration (dd:hh:mm:ss): | 0:02:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 11 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.044 |
| | Minimum: | 0.041 |
| | Time of Minimum: | 5:51:20 |
| | Date of Minimum: | 8/27/2024 |
| | Maximum: | 0.054 |
| | Time of Maximum: | 6:21:20 |
| | Date of Maximum: | 8/27/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |

| | | |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/27/2024 | 5:06:20 | 0.042 |
| 8/27/2024 | 5:21:20 | 0.042 |
| 8/27/2024 | 5:36:20 | 0.042 |
| 8/27/2024 | 5:51:20 | 0.041 |
| 8/27/2024 | 6:06:20 | 0.043 |
| 8/27/2024 | 6:21:20 | 0.054 |
| 8/27/2024 | 6:36:20 | 0.044 |
| 8/27/2024 | 6:51:20 | 0.044 |
| 8/27/2024 | 7:06:20 | 0.043 |
| 8/27/2024 | 7:21:20 | 0.042 |
| 8/27/2024 | 7:36:20 | 0.042 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 024 |
| Test Abbreviation: | MANUAL_024 |
| Start Date: | 8/27/2024 |
| Start Time: | 10:08:34 |
| Duration (dd:hh:mm:ss): | 0:03:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 14 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.046 |
| | Minimum: | 0.031 |
| | Time of Minimum: | 11:23:34 |
| | Date of Minimum: | 8/27/2024 |
| | Maximum: | 0.113 |
| | Time of Maximum: | 11:08:34 |
| | Date of Maximum: | 8/27/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/27/2024 | 10:23:34 | 0.047 |

| | | |
|---|---|---|
| 8/27/2024 | 10:38:34 | 0.045 |
| 8/27/2024 | 10:53:34 | 0.04 |
| 8/27/2024 | 11:08:34 | 0.113 |
| 8/27/2024 | 11:23:34 | 0.031 |
| 8/27/2024 | 11:38:34 | 0.035 |
| 8/27/2024 | 11:53:34 | 0.033 |
| 8/27/2024 | 12:08:34 | 0.034 |
| 8/27/2024 | 12:23:34 | 0.04 |
| 8/27/2024 | 12:38:34 | 0.043 |
| 8/27/2024 | 12:53:34 | 0.038 |
| 8/27/2024 | 13:08:34 | 0.039 |
| 8/27/2024 | 13:23:34 | 0.04 |
| 8/27/2024 | 13:38:34 | 0.059 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 025 |
| Test Abbreviation: | MANUAL_025 |
| Start Date: | 8/28/2024 |
| Start Time: | 8:05:13 |
| Duration (dd:hh:mm:ss): | 0:05:15:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 21 |
| Notes: | |

| | | |
|---|---|---|
| Statistics | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.01 |
| | Minimum: | 0.006 |
| | Time of Minimum: | 9:35:13 |
| | Date of Minimum: | 8/28/2024 |
| | Maximum: | 0.028 |
| | Time of Maximum: | 8:20:13 |
| | Date of Maximum: | 8/28/2024 |

| | | |
|---|---|---|
| Calibration | Sensor: | AEROSOL |
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 8/28/2024 | 8:20:13 | 0.028 |
| 8/28/2024 | 8:35:13 | 0.014 |
| 8/28/2024 | 8:50:13 | 0.009 |

| | | |
|---|---|---|
| 8/28/2024 | 9:05:13 | 0.007 |
| 8/28/2024 | 9:20:13 | 0.008 |
| 8/28/2024 | 9:35:13 | 0.006 |
| 8/28/2024 | 9:50:13 | 0.008 |
| 8/28/2024 | 10:05:13 | 0.008 |
| 8/28/2024 | 10:20:13 | 0.009 |
| 8/28/2024 | 10:35:13 | 0.008 |
| 8/28/2024 | 10:50:13 | 0.009 |
| 8/28/2024 | 11:05:13 | 0.009 |
| 8/28/2024 | 11:20:13 | 0.01 |
| 8/28/2024 | 11:35:13 | 0.012 |
| 8/28/2024 | 11:50:13 | 0.011 |
| 8/28/2024 | 12:05:13 | 0.012 |
| 8/28/2024 | 12:20:13 | 0.009 |
| 8/28/2024 | 12:35:13 | 0.009 |
| 8/28/2024 | 12:50:13 | 0.01 |
| 8/28/2024 | 13:05:13 | 0.01 |
| 8/28/2024 | 13:20:13 | 0.012 |

**Table 3a**
**Bisonite Paint Co.**
**CAMP: MiniRae - Downwind**
**August 26 - 27, 2024**

24/08/26 09:09

Summary

| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |
| Site ID | 12345678 |
| User ID | 12345678 |
| Begin | 8/26/2024 9:09 |
| End | 8/26/2024 15:39 |
| Sample Period(s) | 900 |
| Number of Records | 26 |
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 0 |
| Span 2 | 0 |
| Low Alarm | 0.1 |
| High Alarm | 0.2 |
| Over Alarm | 15000 |
| STEL Alarm | 0 |
| TWA Alarm | 0 |
| Measurement Gas | Acetaldehyde |
| Calibration Time | N/A |
| Peak | 0 |
| Min | 0 |
| Average | 0 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 8/26/2024 9:24 | 0 | 0 | 0 |
| 002 | 8/26/2024 9:39 | 0 | 0 | 0 |
| 003 | 8/26/2024 9:54 | 0 | 0 | 0 |
| 004 | 8/26/2024 10:09 | 0 | 0 | 0 |
| 005 | 8/26/2024 10:24 | 0 | 0 | 0 |
| 006 | 8/26/2024 10:39 | 0 | 0 | 0 |
| 007 | 8/26/2024 10:54 | 0 | 0 | 0 |
| 008 | 8/26/2024 11:09 | 0 | 0 | 0 |
| 009 | 8/26/2024 11:24 | 0 | 0 | 0 |
| 010 | 8/26/2024 11:39 | 0 | 0 | 0 |
| 011 | 8/26/2024 11:54 | 0 | 0 | 0 |
| 012 | 8/26/2024 12:09 | 0 | 0 | 0 |
| 013 | 8/26/2024 12:24 | 0 | 0 | 0 |
| 014 | 8/26/2024 12:39 | 0 | 0 | 0 |
| 015 | 8/26/2024 12:54 | 0 | 0 | 0 |
| 016 | 8/26/2024 13:09 | 0 | 0 | 0 |
| 017 | 8/26/2024 13:24 | 0 | 0 | 0 |
| 018 | 8/26/2024 13:39 | 0 | 0 | 0 |
| 019 | 8/26/2024 13:54 | 0 | 0 | 0 |
| 020 | 8/26/2024 14:09 | 0 | 0 | 0 |
| 021 | 8/26/2024 14:24 | 0 | 0 | 0 |
| 022 | 8/26/2024 14:39 | 0 | 0 | 0 |
| 023 | 8/26/2024 14:54 | 0 | 0 | 0 |
| 024 | 8/26/2024 15:09 | 0 | 0 | 0 |
| 025 | 8/26/2024 15:24 | 0 | 0 | 0 |
| 026 | 8/26/2024 15:39 | 0 | 0 | 0 |
| Peak | | 0 | 0 | 0 |
| Min | | 0 | 0 | 0 |
| Average | | 0 | 0 | 0 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 8/26/2024 9:24 | 0 | 0 |
| 002 | 8/26/2024 9:39 | 0 | 0 |
| 003 | 8/26/2024 9:54 | 0 | 0 |
| 004 | 8/26/2024 10:09 | 0 | 0 |
| 005 | 8/26/2024 10:24 | 0 | 0 |
| 006 | 8/26/2024 10:39 | 0 | 0 |
| 007 | 8/26/2024 10:54 | 0 | 0 |

| | | | |
|---|---|---|---|
| 008 | 8/26/2024 11:09 | 0 | 0 |
| 009 | 8/26/2024 11:24 | 0 | 0 |
| 010 | 8/26/2024 11:39 | 0 | 0 |
| 011 | 8/26/2024 11:54 | 0 | 0 |
| 012 | 8/26/2024 12:09 | 0 | 0 |
| 013 | 8/26/2024 12:24 | 0 | 0 |
| 014 | 8/26/2024 12:39 | 0 | 0 |
| 015 | 8/26/2024 12:54 | 0 | 0 |
| 016 | 8/26/2024 13:09 | 0 | 0 |
| 017 | 8/26/2024 13:24 | 0 | 0 |
| 018 | 8/26/2024 13:39 | 0 | 0 |
| 019 | 8/26/2024 13:54 | 0 | 0 |
| 020 | 8/26/2024 14:09 | 0 | 0 |
| 021 | 8/26/2024 14:24 | 0 | 0 |
| 022 | 8/26/2024 14:39 | 0 | 0 |
| 023 | 8/26/2024 14:54 | 0 | 0 |
| 024 | 8/26/2024 15:09 | 0 | 0 |
| 025 | 8/26/2024 15:24 | 0 | 0 |
| 026 | 8/26/2024 15:39 | 0 | 0 |

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24/08/27 10:33

**********

Summary

---

| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

---

| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Pause in Menu Mode |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 8/27/2024 10:33 |
| End | 8/27/2024 13:15 |
| Sample Period(s) | 900 |
| Number of Records | 10 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |

| | | |
|---|---|---|
| Span | | 0 |
| Span 2 | | 0 |
| Low Alarm | | 0.1 |
| High Alarm | | 0.2 |
| Over Alarm | | 15000 |
| STEL Alarm | | 0 |
| TWA Alarm | | 0 |
| Measurement Gas | Acetaldehyde | |
| Calibration Time | N/A | |
| Peak | | 0 |
| Min | | 0 |
| Average | | 0 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 8/27/2024 10:48 | 283.3 | 14999.9 | 0 |
| 002 | 8/27/2024 11:03 | 0 | 0 | 0 |
| 003 | 8/27/2024 11:18 | 0 | 0 | 0 |
| 004 | 8/27/2024 11:33 | 0 | 0 | 0 |
| 005 | 8/27/2024 11:48 | 0 | 0 | 0 |
| 006 | 8/27/2024 12:03 | 0 | 0 | 0 |
| 007 | 8/27/2024 12:18 | 0 | 0 | 0 |
| 008 | 8/27/2024 12:33 | 0 | 0 | 0 |
| 009 | 8/27/2024 12:48 | 0 | 0 | 0 |
| 010 | 8/27/2024 13:03 | 0 | 0 | 0 |
| Peak | | 283.3 | 14999.9 | 0 |
| Min | | 0 | 0 | 0 |
| Average | | 28.3 | 1500 | 0 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 8/27/2024 10:48 | 0 | 0 |
| 002 | 8/27/2024 11:03 | 0 | 0 |
| 003 | 8/27/2024 11:18 | 0 | 0 |
| 004 | 8/27/2024 11:33 | 0 | 0 |
| 005 | 8/27/2024 11:48 | 0 | 0 |
| 006 | 8/27/2024 12:03 | 0 | 0 |
| 007 | 8/27/2024 12:18 | 0 | 0 |
| 008 | 8/27/2024 12:33 | 0 | 0 |
| 009 | 8/27/2024 12:48 | 0 | 0 |

| | | | |
|---|---|---|---|
| 010 | 8/27/2024 13:03 | 0 | 0 |

==========

24/08/27 13:21

**********

Summary

---

| | |
|---|---|
| Unit Name | MiniRAE 3000(PGM-7320) |
| Unit SN | 592-920873 |
| Unit Firmware Ver | V2.22 |

---

| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 8/27/2024 13:21 |
| End | 8/27/2024 14:11 |
| Sample Period(s) | 900 |
| Number of Records | 3 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030625A9 |
| Measure Type | Avg; Max; Real |
| Span | 0 |
| Span 2 | 0 |
| Low Alarm | 0.1 |
| High Alarm | 0.2 |
| Over Alarm | 15000 |
| STEL Alarm | 0 |
| TWA Alarm | 0 |
| Measurement Gas | Acetaldehyde |
| Calibration Time | N/A |
| Peak | 14999.9 |
| Min | 0 |
| Average | 9999.9 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 8/27/2024 13:36 | 13349.9 | 14999.9 | 14999.9 |

| | | | | |
|---|---|---|---|---|
| 002 | 8/27/2024 13:51 | 14983.2 | 14999.9 | 14999.9 |
| 003 | 8/27/2024 14:06 | 4866.6 | 14999.9 | 0 |
| Peak | | 14983.2 | 14999.9 | 14999.9 |
| Min | | 4866.6 | 14999.9 | 0 |
| Average | | 11066.6 | 14999.9 | 9999.9 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 8/27/2024 13:36 | 468.7 | 14999.9 |
| 002 | 8/27/2024 13:51 | 937.5 | 29999.8 |
| 003 | 8/27/2024 14:06 | 937.5 | 14999.9 |

==========
24/08/28 08:14
**********
Summary
----------
Unit Name MiniRAE 3000 +(PGM-7320)
Unit SN 592-927537
Unit Firmware Ver V2.22
----------
Running Mode Hygiene Mode
Datalog Mode Auto
Diagnostic Mode No
Stop Reason Battery Low
----------
Site ID 12345678
User ID 12345678
----------
Begin 8/28/2024 08:14:40
End 8/28/2024 12:22:01
Sample Period(s) 900
Number of Records 16
----------
Sensor PID(ppm)
Sensor SN S023030449W3
Measure Type Avg; Max; Real
Span 100.0
Span 2 1000.0
Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 100.0
TWA Alarm 50.0
Measurement Gas Isobutylene
Calibration Time 7/12/2024 09:09
Peak 2.3
Min 0.0
Average 0.5

**********
Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 8/28/2024 08:29:40 | 0.0 | 0.0 | 0.0 |
| 002 | 8/28/2024 08:44:40 | 0.0 | 1.6 | 0.0 |
| 003 | 8/28/2024 08:59:40 | 0.1 | 2.0 | 0.0 |
| 004 | 8/28/2024 09:14:40 | 0.0 | 0.0 | 0.0 |
| 005 | 8/28/2024 09:29:40 | 0.1 | 1.2 | 0.0 |
| 006 | 8/28/2024 09:44:40 | 0.0 | 1.1 | 0.1 |
| 007 | 8/28/2024 09:59:40 | 1.2 | 4.2 | 0.3 |
| 008 | 8/28/2024 10:14:40 | 0.3 | 1.7 | 0.1 |

| | | | | | |
|---|---|---|---|---|---|
| 009 | 8/28/2024 10:29:40 | | 1.3 | 3.8 | 1.8 |
| 010 | 8/28/2024 10:44:40 | | 0.9 | 2.7 | 0.5 |
| 011 | 8/28/2024 10:59:40 | | 0.9 | 2.3 | 2.3 |
| 012 | 8/28/2024 11:14:40 | | 1.4 | 4.7 | 0.9 |
| 013 | 8/28/2024 11:29:40 | | 0.9 | 3.1 | 0.4 |
| 014 | 8/28/2024 11:44:40 | | 0.7 | 2.8 | 1.0 |
| 015 | 8/28/2024 11:59:40 | | 0.7 | 2.4 | 0.3 |
| 016 | 8/28/2024 12:14:40 | | 0.7 | 2.1 | 0.4 |
| Peak | | 1.4 | 4.7 | 2.3 | |
| Min | | 0.0 | 0.0 | 0.0 | |
| Average | | 0.6 | 2.2 | 0.5 | |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) | |
|---|---|---|---|---|
| 001 | 8/28/2024 08:29:40 | | 0.0 | 0.0 |
| 002 | 8/28/2024 08:44:40 | | 0.0 | 0.0 |
| 003 | 8/28/2024 08:59:40 | | 0.0 | 0.0 |
| 004 | 8/28/2024 09:14:40 | | 0.0 | 0.0 |
| 005 | 8/28/2024 09:29:40 | | 0.0 | 0.0 |
| 006 | 8/28/2024 09:44:40 | | 0.0 | 0.1 |
| 007 | 8/28/2024 09:59:40 | | 0.0 | 0.4 |
| 008 | 8/28/2024 10:14:40 | | 0.0 | 0.4 |
| 009 | 8/28/2024 10:29:40 | | 0.1 | 1.9 |
| 010 | 8/28/2024 10:44:40 | | 0.1 | 2.3 |
| 011 | 8/28/2024 10:59:40 | | 0.2 | 2.8 |
| 012 | 8/28/2024 11:14:40 | | 0.2 | 3.2 |
| 013 | 8/28/2024 11:29:40 | | 0.2 | 1.3 |
| 014 | 8/28/2024 11:44:40 | | 0.2 | 1.4 |
| 015 | 8/28/2024 11:59:40 | | 0.2 | 1.3 |
| 016 | 8/28/2024 12:14:40 | | 0.3 | 0.7 |

MARSH ENGINEERING D.P.C.
271 Marsh Road, Suite 2
Pittsford, New York 14534
Phone: (585) 248-2413

1077.003

December 18, 2024

Michael Keller, EIT
New York State Department of Environmental Conservation
Division of Environmental Remediation
700 Delaware Avenue
Buffalo, New York 14209

Re: Bisonite Paint Company BCP
Site No.: C915010
Weekly Status Report
September 2 – 6, 2024

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Michael;

This weekly status report presents a summary of the site activities performed, community air monitoring conducted, and samples collected for laboratory analyses during the period from September 2 – 6, 2024.

Site Activities included:

- September 2nd: No site work
- September 3rd: Sessler places sawdust in the exaction to absorb rain water from the weekend. Drum #80 was removed. The area was occasionally swept to keep the area clean and may have caused some dust periodically. Sessler was on site to decommission onsite well. Well depth was approximately 14.5', grouted then pulled.
- September 4th: Continued excavation along eastern wall and removed 5-gallon buckets of paint waste and smaller drums approximately 30-gallons size. There was a total of 10 drums for the day. Mike Keller was onsite around 14:02 and left around 14:35. Covered stockpile and swept asphalt surface.
- September 5th: Collected sidewall samples and base samples, five (5) in total. Continue excavating eastern wall of lagoon.
- September 6th: Submitted prior days samples to lab. Stock piled excavated soils onsite.

Field notes that contain additional details are attached.

Community air monitoring, including volatile organic compounds ("VOCs") and particulates, was conducted consistent with the Community Air Monitoring Plan ("CAMP") during the reporting period.

CAMP monitoring tables are attached.

If you have any questions, please call us at (585) 248.2413.

Sincerely,



Steven J. Turybury, P.E.
NYS Professional Engineer

Attachments:

Field Notes
Table 1 – CAMP – DustTrak – Downwind
Table 2 – CAMP – DustTrak – Upwind
Table 3 – CAMP – MiniRae – Downwind 090324 – 090624

# of soil trucks (to landfill)

++++ ++++ ++++ ++++ ++++ |

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

| | |
|---|---|
| **Project Name:** Bisonite Paint Co. | **Marsh Personnel:** E. Spirito |
| **Project Number:** 100.002 | **Contractor:** Sessler |
| **Time Onsite:** | **Time Offsite:** |
| ***Description of Activities:*** | |

07:30 Spirito onsite. 4 Trucks onsite to export soil stockpile to landfill.
09:00 Sessler excavating lagoon/trench in between trucks.
09:10 Placing sawdust in excavation to soak up rainwater from weekend.
09:50 Drum #80.
10:00 Sweeping work areas occasionally to keep areas clean (may cause some dust periodically)
12:00 Roman (SES) onsite to decommission onsite well ( )
Well depth: 14.5'. well grouted then pulled.
15:00 Excavating complete for day. All parties offsite.

Signature: Emily Spirito Date: 9/3/24

# of soil trucks: ||| 11

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

| | |
|---|---|
| **Project Name:** Bisonite Paint CO. | **Marsh Personnel:** E. Spirito |
| **Project Number:** 100.002 | **Contractor:** Sessler |
| **Time Onsite:** 07:30 | **Time Offsite:** |

***Description of Activities:***

07:30 Spirito onsite. 1 truck hauling stockpiled soils to landfill. Set up camps after zero cal.
07:35 continue excavating along eastern wall, removing 5-gal buckets of paint waste & small drums (30 gal?)
1400 10 drums total for day — Grand total:
14:02 NYSDEC M. Keller onsite.
14:35 NYSDEC offsite
14:40 Earthwork complete for day. Cover stockpile. Sweep asphalt surfaces.
14:50 All parties offsite

Signature: Emily Spirito Date: 9/4/24

# of ~~soil~~ soil trucks : ~13

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

| | |
|---|---|
| **Project Name:** Bisonite paint CO | **Marsh Personnel:** E. Spirito |
| **Project Number:** 100.002 | **Contractor:** Sessler |
| **Time Onsite:** 07:30 | **Time Offsite:** |

***Description of Activities:***

07:30 Spirito onsite. 2 trucks hauling stockpiled soil to landfill.
08:00 Collecting sidewall samples + base sample
continue excavating eastern wall of lagoon
14:50 Earthwork done for day.
15:00 All parties offsite

lagoon-SW-N3-8.5 collected @ 08:30 8.5' bgs
lagoon-SW-N4-8.5 collected @ 08:35 8.5' bgs
lagoon-SW-S3-08 collected @ 08:40 8.0' bgs
lagoon-SW-S4-08 collected @ 08:45 8.0' bgs
Base-04-09 collected @ 08:50 9' bgs
(see figure for sample locations)
(NOT yet eqs'd)

Signature: Emily Spirito Date: 9/5/24

Leader 271

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

| | |
|---|---|
| **Project Name:** Bisonite paint co. | **Marsh Personnel:** Spirito |
| **Project Number:** 100.002 | **Contractor:** Sessler |
| **Time Onsite:** 07:30 | **Time Offsite:** |

***Description of Activities:***

07:30 Spirito onsite. continue excavating in lagoon area. stockpiling excavated soils onsite.

13:55 submit samples to lab
All parties offsite

Signature: _____ Date: 9/16/24

**Bisonite Paint Co,**
**CAMP Data: DustTrak II - DOWNWIND**
**September 3 - 6, 2024**

TrakPro Version 4.70 ASCII Data File

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 23 |
| Test Abbreviation: | MANUAL_023 |
| Start Date: | 9/3/2024 |
| Start Time: | 7:38:34 |
| Duration (dd:hh:mm:ss): | 0:07:00:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 28 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.034 |
| | Minimum: | 0.018 |
| | Time of Minimum: | 10:08:34 |
| | Date of Minimum: | 9/3/2024 |
| | Maximum: | 0.08 |
| | Time of Maximum: | 14:38:34 |
| | Date of Maximum: | 9/3/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/3/2024 | 7:53:34 | 0.034 |
| 9/3/2024 | 8:08:34 | 0.033 |
| 9/3/2024 | 8:23:34 | 0.032 |
| 9/3/2024 | 8:38:34 | 0.035 |
| 9/3/2024 | 8:53:34 | 0.029 |
| 9/3/2024 | 9:08:34 | 0.027 |
| 9/3/2024 | 9:23:34 | 0.031 |
| 9/3/2024 | 9:38:34 | 0.033 |
| 9/3/2024 | 9:53:34 | 0.028 |
| 9/3/2024 | 10:08:34 | 0.018 |
| 9/3/2024 | 10:23:34 | 0.077 |
| 9/3/2024 | 10:38:34 | 0.019 |
| 9/3/2024 | 10:53:34 | 0.031 |
| 9/3/2024 | 11:08:34 | 0.043 |
| 9/3/2024 | 11:23:34 | 0.021 |

| | | |
|---|---|---|
| 9/3/2024 | 11:38:34 | 0.021 |
| 9/3/2024 | 11:53:34 | 0.019 |
| 9/3/2024 | 12:08:34 | 0.048 |
| 9/3/2024 | 12:23:34 | 0.033 |
| 9/3/2024 | 12:38:34 | 0.024 |
| 9/3/2024 | 12:53:34 | 0.022 |
| 9/3/2024 | 13:08:34 | 0.02 |
| 9/3/2024 | 13:23:34 | 0.021 |
| 9/3/2024 | 13:38:34 | 0.048 |
| 9/3/2024 | 13:53:34 | 0.021 |
| 9/3/2024 | 14:08:34 | 0.06 |
| 9/3/2024 | 14:23:34 | 0.033 |
| 9/3/2024 | 14:38:34 | 0.08 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 24 |
| Test Abbreviation: | MANUAL_024 |
| Start Date: | 9/4/2024 |
| Start Time: | 8:02:47 |
| Duration (dd:hh:mm:ss): | 0:06:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 26 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.018 |
| | Minimum: | 0.011 |
| | Time of Minimum: | 10:02:47 |
| | Date of Minimum: | 9/4/2024 |
| | Maximum: | 0.082 |
| | Time of Maximum: | 13:47:47 |
| | Date of Maximum: | 9/4/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/4/2024 | 8:17:47 | 0.021 |
| 9/4/2024 | 8:32:47 | 0.02 |
| 9/4/2024 | 8:47:47 | 0.018 |

| | | |
|---|---|---|
| 9/4/2024 | 9:02:47 | 0.018 |
| 9/4/2024 | 9:17:47 | 0.017 |
| 9/4/2024 | 9:32:47 | 0.019 |
| 9/4/2024 | 9:47:47 | 0.018 |
| 9/4/2024 | 10:02:47 | 0.011 |
| 9/4/2024 | 10:17:47 | 0.011 |
| 9/4/2024 | 10:32:47 | 0.012 |
| 9/4/2024 | 10:47:47 | 0.012 |
| 9/4/2024 | 11:02:47 | 0.014 |
| 9/4/2024 | 11:17:47 | 0.012 |
| 9/4/2024 | 11:32:47 | 0.013 |
| 9/4/2024 | 11:47:47 | 0.013 |
| 9/4/2024 | 12:02:47 | 0.013 |
| 9/4/2024 | 12:17:47 | 0.017 |
| 9/4/2024 | 12:32:47 | 0.016 |
| 9/4/2024 | 12:47:47 | 0.014 |
| 9/4/2024 | 13:02:47 | 0.015 |
| 9/4/2024 | 13:17:47 | 0.014 |
| 9/4/2024 | 13:32:47 | 0.017 |
| 9/4/2024 | 13:47:47 | 0.082 |
| 9/4/2024 | 14:02:47 | 0.017 |
| 9/4/2024 | 14:17:47 | 0.023 |
| 9/4/2024 | 14:32:47 | 0.019 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 25 |
| Test Abbreviation: | MANUAL_025 |
| Start Date: | 9/5/2024 |
| Start Time: | 8:29:52 |
| Duration (dd:hh:mm:ss): | 0:06:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 26 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.02 |
| | Minimum: | 0.015 |
| | Time of Minimum: | 9:14:52 |
| | Date of Minimum: | 9/5/2024 |
| | Maximum: | 0.026 |
| | Time of Maximum: | 10:44:52 |

Date of Maximum: 9/5/2024

Calibration Sensor: AEROSOL
Cal. date 1/25/2024

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/5/2024 | 8:44:52 | 0.024 |
| 9/5/2024 | 8:59:52 | 0.017 |
| 9/5/2024 | 9:14:52 | 0.015 |
| 9/5/2024 | 9:29:52 | 0.019 |
| 9/5/2024 | 9:44:52 | 0.017 |
| 9/5/2024 | 9:59:52 | 0.017 |
| 9/5/2024 | 10:14:52 | 0.019 |
| 9/5/2024 | 10:29:52 | 0.016 |
| 9/5/2024 | 10:44:52 | 0.026 |
| 9/5/2024 | 10:59:52 | 0.015 |
| 9/5/2024 | 11:14:52 | 0.018 |
| 9/5/2024 | 11:29:52 | 0.02 |
| 9/5/2024 | 11:44:52 | 0.017 |
| 9/5/2024 | 11:59:52 | 0.021 |
| 9/5/2024 | 12:14:52 | 0.018 |
| 9/5/2024 | 12:29:52 | 0.019 |
| 9/5/2024 | 12:44:52 | 0.018 |
| 9/5/2024 | 12:59:52 | 0.026 |
| 9/5/2024 | 13:14:52 | 0.019 |
| 9/5/2024 | 13:29:52 | 0.023 |
| 9/5/2024 | 13:44:52 | 0.02 |
| 9/5/2024 | 13:59:52 | 0.02 |
| 9/5/2024 | 14:14:52 | 0.02 |
| 9/5/2024 | 14:29:52 | 0.021 |
| 9/5/2024 | 14:44:52 | 0.024 |
| 9/5/2024 | 14:59:52 | 0.022 |

Model: DustTrak II
Model Number: 8530
Serial Number: 8530182511
Test ID: 26
Test Abbreviation: MANUAL_026
Start Date: 9/6/2024
Start Time: 7:59:37
Duration (dd:hh:mm:ss): 0:06:00:00
Log Interval (mm:ss): 15:00
Number of points: 24

Notes:

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.02 |
| | Minimum: | 0.015 |
| | Time of Minimum: | 11:14:37 |
| | Date of Minimum: | 9/6/2024 |
| | Maximum: | 0.03 |
| | Time of Maximum: | 8:29:37 |
| | Date of Maximum: | 9/6/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/6/2024 | 8:14:37 | 0.018 |
| 9/6/2024 | 8:29:37 | 0.03 |
| 9/6/2024 | 8:44:37 | 0.023 |
| 9/6/2024 | 8:59:37 | 0.017 |
| 9/6/2024 | 9:14:37 | 0.019 |
| 9/6/2024 | 9:29:37 | 0.026 |
| 9/6/2024 | 9:44:37 | 0.021 |
| 9/6/2024 | 9:59:37 | 0.025 |
| 9/6/2024 | 10:14:37 | 0.022 |
| 9/6/2024 | 10:29:37 | 0.017 |
| 9/6/2024 | 10:44:37 | 0.017 |
| 9/6/2024 | 10:59:37 | 0.016 |
| 9/6/2024 | 11:14:37 | 0.015 |
| 9/6/2024 | 11:29:37 | 0.018 |
| 9/6/2024 | 11:44:37 | 0.027 |
| 9/6/2024 | 11:59:37 | 0.016 |
| 9/6/2024 | 12:14:37 | 0.016 |
| 9/6/2024 | 12:29:37 | 0.018 |
| 9/6/2024 | 12:44:37 | 0.024 |
| 9/6/2024 | 12:59:37 | 0.023 |
| 9/6/2024 | 13:14:37 | 0.017 |
| 9/6/2024 | 13:29:37 | 0.018 |
| 9/6/2024 | 13:44:37 | 0.022 |
| 9/6/2024 | 13:59:37 | 0.025 |

**Bisonite Paint Co,**
**CAMP Data: DustTrak II – Upwind**
**September 3 – 6, 2024**

TrakPro Version 4.70 ASCII Data File

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 026 |
| Test Abbreviation: | MANUAL_026 |
| Start Date: | 9/3/2024 |
| Start Time: | 7:41:18 |
| Duration (dd:hh:mm:ss): | 0:06:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 27 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.013 |
| | Minimum: | 0.001 |
| | Time of Minimum: | 14:11:18 |
| | Date of Minimum: | 9/3/2024 |
| | Maximum: | 0.045 |
| | Time of Maximum: | 7:56:18 |
| | Date of Maximum: | 9/3/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/3/2024 | 7:56:18 | 0.045 |
| 9/3/2024 | 8:11:18 | 0.04 |
| 9/3/2024 | 8:26:18 | 0.035 |
| 9/3/2024 | 8:41:18 | 0.03 |
| 9/3/2024 | 8:56:18 | 0.027 |
| 9/3/2024 | 9:11:18 | 0.024 |
| 9/3/2024 | 9:26:18 | 0.017 |
| 9/3/2024 | 9:41:18 | 0.013 |
| 9/3/2024 | 9:56:18 | 0.01 |
| 9/3/2024 | 10:11:18 | 0.01 |
| 9/3/2024 | 10:26:18 | 0.014 |
| 9/3/2024 | 10:41:18 | 0.006 |
| 9/3/2024 | 10:56:18 | 0.005 |
| 9/3/2024 | 11:11:18 | 0.005 |

| | | |
|---|---|---|
| 9/3/2024 | 11:26:18 | 0.004 |
| 9/3/2024 | 11:41:18 | 0.003 |
| 9/3/2024 | 11:56:18 | 0.005 |
| 9/3/2024 | 12:11:18 | 0.004 |
| 9/3/2024 | 12:26:18 | 0.013 |
| 9/3/2024 | 12:41:18 | 0.004 |
| 9/3/2024 | 12:56:18 | 0.003 |
| 9/3/2024 | 13:11:18 | 0.008 |
| 9/3/2024 | 13:26:18 | 0.01 |
| 9/3/2024 | 13:41:18 | 0.002 |
| 9/3/2024 | 13:56:18 | 0.002 |
| 9/3/2024 | 14:11:18 | 0.001 |
| 9/3/2024 | 14:26:18 | 0.001 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 027 |
| Test Abbreviation: | MANUAL_027 |
| Start Date: | 9/4/2024 |
| Start Time: | 8:10:53 |
| Duration (dd:hh:mm:ss): | 0:06:15:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 25 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.014 |
| | Minimum: | 0.001 |
| | Time of Minimum: | 11:25:53 |
| | Date of Minimum: | 9/4/2024 |
| | Maximum: | 0.072 |
| | Time of Maximum: | 14:10:53 |
| | Date of Maximum: | 9/4/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/4/2024 | 8:25:53 | 0.026 |
| 9/4/2024 | 8:40:53 | 0.027 |
| 9/4/2024 | 8:55:53 | 0.019 |
| 9/4/2024 | 9:10:53 | 0.014 |

| | | |
|---|---|---|
| 9/4/2024 | 9:25:53 | 0.01 |
| 9/4/2024 | 9:40:53 | 0.022 |
| 9/4/2024 | 9:55:53 | 0.007 |
| 9/4/2024 | 10:10:53 | 0.01 |
| 9/4/2024 | 10:25:53 | 0.006 |
| 9/4/2024 | 10:40:53 | 0.009 |
| 9/4/2024 | 10:55:53 | 0.013 |
| 9/4/2024 | 11:10:53 | 0.006 |
| 9/4/2024 | 11:25:53 | 0.001 |
| 9/4/2024 | 11:40:53 | 0.004 |
| 9/4/2024 | 11:55:53 | 0.006 |
| 9/4/2024 | 12:10:53 | 0.002 |
| 9/4/2024 | 12:25:53 | 0.011 |
| 9/4/2024 | 12:40:53 | 0.004 |
| 9/4/2024 | 12:55:53 | 0.018 |
| 9/4/2024 | 13:10:53 | 0.009 |
| 9/4/2024 | 13:25:53 | 0.002 |
| 9/4/2024 | 13:40:53 | 0.002 |
| 9/4/2024 | 13:55:53 | 0.009 |
| 9/4/2024 | 14:10:53 | 0.072 |
| 9/4/2024 | 14:25:53 | 0.036 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 028 |
| Test Abbreviation: | MANUAL_028 |
| Start Date: | 9/5/2024 |
| Start Time: | 7:46:04 |
| Duration (dd:hh:mm:ss): | 0:07:15:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 29 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.029 |
| | Minimum: | 0.005 |
| | Time of Minimum: | 10:16:04 |
| | Date of Minimum: | 9/5/2024 |
| | Maximum: | 0.135 |
| | Time of Maximum: | 15:01:04 |
| | Date of Maximum: | 9/5/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/5/2024 | 8:01:04 | 0.015 |
| 9/5/2024 | 8:16:04 | 0.016 |
| 9/5/2024 | 8:31:04 | 0.017 |
| 9/5/2024 | 8:46:04 | 0.023 |
| 9/5/2024 | 9:01:04 | 0.044 |
| 9/5/2024 | 9:16:04 | 0.016 |
| 9/5/2024 | 9:31:04 | 0.024 |
| 9/5/2024 | 9:46:04 | 0.067 |
| 9/5/2024 | 10:01:04 | 0.011 |
| 9/5/2024 | 10:16:04 | 0.005 |
| 9/5/2024 | 10:31:04 | 0.016 |
| 9/5/2024 | 10:46:04 | 0.074 |
| 9/5/2024 | 11:01:04 | 0.032 |
| 9/5/2024 | 11:16:04 | 0.014 |
| 9/5/2024 | 11:31:04 | 0.005 |
| 9/5/2024 | 11:46:04 | 0.005 |
| 9/5/2024 | 12:01:04 | 0.01 |
| 9/5/2024 | 12:16:04 | 0.015 |
| 9/5/2024 | 12:31:04 | 0.006 |
| 9/5/2024 | 12:46:04 | 0.005 |
| 9/5/2024 | 13:01:04 | 0.024 |
| 9/5/2024 | 13:16:04 | 0.047 |
| 9/5/2024 | 13:31:04 | 0.027 |
| 9/5/2024 | 13:46:04 | 0.01 |
| 9/5/2024 | 14:01:04 | 0.022 |
| 9/5/2024 | 14:16:04 | 0.043 |
| 9/5/2024 | 14:31:04 | 0.028 |
| 9/5/2024 | 14:46:04 | 0.083 |
| 9/5/2024 | 15:01:04 | 0.135 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 029 |
| Test Abbreviation: | MANUAL_029 |
| Start Date: | 9/6/2024 |
| Start Time: | 7:57:20 |
| Duration (dd:hh:mm:ss): | 0:06:00:00 |
| Log Interval (mm:ss): | 15:00 |

Number of points: 24
Notes:

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.017 |
| | Minimum: | 0.005 |
| | Time of Minimum: | 12:12:20 |
| | Date of Minimum: | 9/6/2024 |
| | Maximum: | 0.041 |
| | Time of Maximum: | 9:27:20 |
| | Date of Maximum: | 9/6/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/6/2024 | 8:12:20 | 0.02 |
| 9/6/2024 | 8:27:20 | 0.022 |
| 9/6/2024 | 8:42:20 | 0.036 |
| 9/6/2024 | 8:57:20 | 0.021 |
| 9/6/2024 | 9:12:20 | 0.011 |
| 9/6/2024 | 9:27:20 | 0.041 |
| 9/6/2024 | 9:42:20 | 0.035 |
| 9/6/2024 | 9:57:20 | 0.023 |
| 9/6/2024 | 10:12:20 | 0.008 |
| 9/6/2024 | 10:27:20 | 0.024 |
| 9/6/2024 | 10:42:20 | 0.009 |
| 9/6/2024 | 10:57:20 | 0.006 |
| 9/6/2024 | 11:12:20 | 0.006 |
| 9/6/2024 | 11:27:20 | 0.034 |
| 9/6/2024 | 11:42:20 | 0.023 |
| 9/6/2024 | 11:57:20 | 0.006 |
| 9/6/2024 | 12:12:20 | 0.005 |
| 9/6/2024 | 12:27:20 | 0.012 |
| 9/6/2024 | 12:42:20 | 0.008 |
| 9/6/2024 | 12:57:20 | 0.012 |
| 9/6/2024 | 13:12:20 | 0.008 |
| 9/6/2024 | 13:27:20 | 0.009 |
| 9/6/2024 | 13:42:20 | 0.011 |
| 9/6/2024 | 13:57:20 | 0.014 |

**Bisonite Paint Co,**
**CAMP Data: PID – DOWN WIND**
**September 3 – 6, 2024**

24/09/03 07:51

Summary

| | |
|---|---|
| Unit Name | MiniRAE 3000 +(PGM-7320) |
| Unit SN | 592-927537 |
| Unit Firmware Ver | V2.22 |
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |
| Site ID | 12345678 |
| User ID | 12345678 |
| Begin | 9/3/2024 7:51 |
| End | 9/3/2024 10:57 |
| Sample Period(s) | 900 |
| Number of Records | 12 |
| Sensor | PID(ppm) |
| Sensor SN | S023030449W3 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:09 |
| Peak | 1.5 |
| Min | 0.1 |
| Average | 0.7 |

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Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 1 | 9/3/2024 8:06 | 0.1 | 0.2 | 0.1 |
| 2 | 9/3/2024 8:21 | 0.1 | 0.1 | 0.1 |

| | | | | | |
|---|---|---|---|---|---|
| | 3 | 9/3/2024 8:36 | 0.1 | 0.1 | 0.1 |
| | 4 | 9/3/2024 8:51 | 0.2 | 0.4 | 0.4 |
| | 5 | 9/3/2024 9:06 | 0.5 | 1 | 0.7 |
| | 6 | 9/3/2024 9:21 | 0.7 | 0.9 | 0.8 |
| | 7 | 9/3/2024 9:36 | 0.8 | 1.5 | 1.2 |
| | 8 | 9/3/2024 9:51 | 1.4 | 2.9 | 1.5 |
| | 9 | 9/3/2024 10:06 | 1.4 | 2.1 | 1.3 |
| | 10 | 9/3/2024 10:21 | 1.4 | 2.1 | 1.1 |
| | 11 | 9/3/2024 10:36 | 1 | 1.1 | 0.8 |
| | 12 | 9/3/2024 10:51 | 0.8 | 0.9 | 0.7 |
| Peak | | | 1.4 | 2.9 | 1.5 |
| Min | | | 0.1 | 0.1 | 0.1 |
| Average | | | 0.7 | 1.1 | 0.7 |

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TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 1 | 9/3/2024 8:06 | 0 | 0.1 |
| 2 | 9/3/2024 8:21 | 0 | 0.2 |
| 3 | 9/3/2024 8:36 | 0 | 0.2 |
| 4 | 9/3/2024 8:51 | 0 | 0.5 |
| 5 | 9/3/2024 9:06 | 0 | 1.1 |
| 6 | 9/3/2024 9:21 | 0.1 | 1.5 |
| 7 | 9/3/2024 9:36 | 0.1 | 2 |
| 8 | 9/3/2024 9:51 | 0.2 | 2.7 |
| 9 | 9/3/2024 10:06 | 0.2 | 2.8 |
| 10 | 9/3/2024 10:21 | 0.2 | 2.4 |
| 11 | 9/3/2024 10:36 | 0.3 | 1.9 |
| 12 | 9/3/2024 10:51 | 0.3 | 1.5 |

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24/09/03 13:42

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000 +(PGM-7320) |
| Unit SN | 592-927537 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |

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| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 9/3/2024 13:42 |
| End | 9/3/2024 14:00 |
| Sample Period(s) | 900 |
| Number of Records | 1 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030449W3 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:09 |
| Peak | 0.9 |
| Min | 0.9 |
| Average | 0.9 |

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Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 1 | 9/3/2024 13:57 | 1.9 | 5.9 | 0.9 |
| Peak | | 1.9 | 5.9 | 0.9 |
| Min | | 1.9 | 5.9 | 0.9 |
| Average | | 1.9 | 5.9 | 0.9 |

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TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 1 | 9/3/2024 13:57 | 0 | 0.9 |

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24/09/04 08:07

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000 +(PGM-7320) |

| | |
|---|---|
| Unit SN | 592-927537 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Pause in Menu Mode |

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| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 9/4/2024 8:07 |
| End | 9/4/2024 8:07 |
| Sample Period(s) | 900 |
| Number of Records | 0 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030449W3 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:09 |

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Datalog

0 record.

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24/09/05 08:54

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000 +(PGM-7320) |
| Unit SN | 592-927537 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |

| | |
|---|---|
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |

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| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 9/5/2024 8:54 |
| End | 9/5/2024 12:36 |
| Sample Period(s) | 900 |
| Number of Records | 14 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030449W3 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:09 |
| Peak | 1 |
| Min | 0 |
| Average | 0.3 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 1 | 9/5/2024 9:09 | 0.1 | 0.9 | 0 |
| 2 | 9/5/2024 9:24 | 0.1 | 1.2 | 0 |
| 3 | 9/5/2024 9:39 | 0.2 | 1.7 | 0.1 |
| 4 | 9/5/2024 9:54 | 0.3 | 1.2 | 0.2 |
| 5 | 9/5/2024 10:09 | 0.1 | 0.3 | 0 |
| 6 | 9/5/2024 10:24 | 0.1 | 1 | 1 |
| 7 | 9/5/2024 10:39 | 0.3 | 1.7 | 0.2 |
| 8 | 9/5/2024 10:54 | 0.4 | 5.3 | 0.1 |
| 9 | 9/5/2024 11:09 | 1.6 | 12 | 0.5 |
| 10 | 9/5/2024 11:24 | 0.4 | 0.8 | 0.4 |
| 11 | 9/5/2024 11:39 | 0.5 | 3.4 | 0.3 |
| 12 | 9/5/2024 11:54 | 0.3 | 0.8 | 0.2 |

| | | | | | |
|---|---|---|---|---|---|
| | 13 | 9/5/2024 12:09 | 0.3 | 2 | 0.4 |
| | 14 | 9/5/2024 12:24 | 0.6 | 4.2 | 0.2 |
| Peak | | | 1.6 | 12 | 1 |
| Min | | | 0.1 | 0.3 | 0 |
| Average | | | 0.4 | 2.6 | 0.3 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 1 | 9/5/2024 9:09 | 0 | 0 |
| 2 | 9/5/2024 9:24 | 0 | 0 |
| 3 | 9/5/2024 9:39 | 0 | 0.1 |
| 4 | 9/5/2024 9:54 | 0 | 0.3 |
| 5 | 9/5/2024 10:09 | 0 | 0.2 |
| 6 | 9/5/2024 10:24 | 0 | 1 |
| 7 | 9/5/2024 10:39 | 0 | 1.2 |
| 8 | 9/5/2024 10:54 | 0.1 | 0.3 |
| 9 | 9/5/2024 11:09 | 0.1 | 0.6 |
| 10 | 9/5/2024 11:24 | 0.1 | 0.9 |
| 11 | 9/5/2024 11:39 | 0.1 | 0.7 |
| 12 | 9/5/2024 11:54 | 0.1 | 0.5 |
| 13 | 9/5/2024 12:09 | 0.1 | 0.6 |
| 14 | 9/5/2024 12:24 | 0.1 | 0.6 |

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24/09/05 13:01

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Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000 +(PGM-7320) |
| Unit SN | 592-927537 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |

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| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 9/5/2024 13:01 |
| End | 9/5/2024 13:15 |
| Sample Period(s) | 900 |

| | |
|---|---|
| Number of Records | 0 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030449W3 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:09 |

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Datalog

0 record.

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24/09/06 08:12

**********

Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000 +(PGM-7320) |
| Unit SN | 592-927537 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 9/6/2024 8:12 |
| End | 9/6/2024 11:42 |
| Sample Period(s) | 900 |
| Number of Records | 14 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030449W3 |

| | |
|---|---|
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:09 |
| Peak | 0 |
| Min | 0 |
| Average | 0 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 1 | 9/6/2024 8:27 | 0 | 0.4 | 0 |
| 2 | 9/6/2024 8:42 | 0 | 0 | 0 |
| 3 | 9/6/2024 8:57 | 0 | 0 | 0 |
| 4 | 9/6/2024 9:12 | 0 | 0 | 0 |
| 5 | 9/6/2024 9:27 | 0 | 0 | 0 |
| 6 | 9/6/2024 9:42 | 0 | 0 | 0 |
| 7 | 9/6/2024 9:57 | 0 | 0.1 | 0 |
| 8 | 9/6/2024 10:12 | 0 | 0 | 0 |
| 9 | 9/6/2024 10:27 | 0 | 0.1 | 0 |
| 10 | 9/6/2024 10:42 | 0 | 0.1 | 0 |
| 11 | 9/6/2024 10:57 | 0 | 0.1 | 0 |
| 12 | 9/6/2024 11:12 | 0 | 0 | 0 |
| 13 | 9/6/2024 11:27 | 0 | 0 | 0 |
| 14 | 9/6/2024 11:42 | 0 | 0 | 0 |
| Peak | | 0 | 0.4 | 0 |
| Min | | 0 | 0 | 0 |
| Average | | 0 | 0.1 | 0 |

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TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 1 | 9/6/2024 8:27 | 0 | 0 |
| 2 | 9/6/2024 8:42 | 0 | 0 |
| 3 | 9/6/2024 8:57 | 0 | 0 |
| 4 | 9/6/2024 9:12 | 0 | 0 |

| | | | |
|---|---|---|---|
| 5 | 9/6/2024 9:27 | 0 | 0 |
| 6 | 9/6/2024 9:42 | 0 | 0 |
| 7 | 9/6/2024 9:57 | 0 | 0 |
| 8 | 9/6/2024 10:12 | 0 | 0 |
| 9 | 9/6/2024 10:27 | 0 | 0 |
| 10 | 9/6/2024 10:42 | 0 | 0 |
| 11 | 9/6/2024 10:57 | 0 | 0 |
| 12 | 9/6/2024 11:12 | 0 | 0 |
| 13 | 9/6/2024 11:27 | 0 | 0 |
| 14 | 9/6/2024 11:42 | 0 | 0 |

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MARSH ENGINEERING D.P.C.
271 Marsh Road, Suite 2
Pittsford, New York 14534
Phone: (585) 248-2413

1077.003

December 18, 2024

Michael Keller, EIT
New York State Department of Environmental Conservation
Division of Environmental Remediation
700 Delaware Avenue
Buffalo, New York 14209

Re: Bisonite Paint Company BCP
Site No.: C915010
Weekly Status Report
September 9 – 13, 2024

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Michael;

This weekly status report presents a summary of the site activities performed, community air monitoring conducted, and samples collected for laboratory analyses during the period from September 9 – 13, 2024.

Site Activities included:

- September 9th: Suspected trench encountered from lagoon to building on property. The lagoon is approximately 4' bgs and 5' wide. All soil exported from the site and backfill stone is being brought in to backfill the lagoon. Lagoon-SW-5S-06 collected on Eastern wall 6' bgs.
- September 10th: Back filling of the lagoon with approved stone was imported.
- September 11th: Lagoon backfilled up to the trench with a demarcation layer placed between, then backfilled to grade.
- September 12th: No site work.
- September 13th: No site work.

Field notes that contain additional details are attached.

Community air monitoring, including volatile organic compounds ("VOCs") and particulates, was conducted consistent with the Community Air Monitoring Plan ("CAMP") during the reporting period.

CAMP monitoring tables are attached.

If you have any questions, please call us at (585) 248.2413.

Sincerely,



Steven J. Turybury, P.E.
NYS Professional Engineer

Attachments:

Field Notes
Table 1 – CAMP – DustTrak – Downwind
Table 2 – CAMP – DustTrak – Upwind
Table 3 – CAMP – MiniRae – Downwind 090924 – 091124

# of soil trucks: ||| |||

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

| | |
|---|---|
| **Project Name:** Bisonite Paint Co. | **Marsh Personnel:** E Spirito |
| **Project Number:** 100.002 | **Contractor:** Sessler |
| **Time Onsite:** 08:00 | **Time Offsite:** |

***Description of Activities:***

08:00 Spirito onsite. Discuss work plan for week.
08:30 set up camp, 2 trucks exporting soil stockpiled on site to landfill
08:40 Excavating cave-in from southern wall of lagoon
10:45 suspected "trench" from lagoon to property building encountered/located on SE area of lagoon. Approximately 4' bgs and 5' wide.
11:00 Done excavating ~~from~~ lagoon area. Excavation stops approximately 80' from west side of property building
:30 All soils exported from site. Backfill stone being imported to backfill lagoon.
13:00 Lagoon-SW-S5-06 collected on eastern wall 6' bgs.
15:00 All onsite work done for day. All parties offsite

Signature: Emily L Spirito Date: 9/9/24

# of stone trucks: 15

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

| | |
|---|---|
| **Project Name:** Bsonte paint co. | **Marsh Personnel:** Spirito |
| **Project Number:** 100.002 | **Contractor:** Sessler |
| **Time Onsite:** 07:45 | **Time Offsite:** |

***Description of Activities:***

07:45 Spirito onsite. set up camp after zero cal
07:45 Backfilling lagoon w/ approved stone 2 trucks on for import
15:15 Done w/ onsite work for day. All parties offsite.

Signature: Emily Spirito Date: 9/10/24

# of trucks & for stone:

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

| | |
|---|---|
| **Project Name:** Bisonite paint co. | **Marsh Personnel:** Spirito |
| **Project Number:** 100.002 | **Contractor:** Sessler |
| **Time Onsite:** 08:00 | **Time Offsite:** |
| ***Description of Activities:*** | |

08:00 Spirito onsite. 1 truck importing backfill stone
14:45 lagoon backfill up to trench complete. Demarcation layer placed between end of lagoon and start of future trench work. lagoon backfilled to grade.
15:10 All parties offsite

Signature: Emily Spirito Date: 9/11/24

**Bisonite Paint Co,**
**CAMP Data: DustTrak II - DOWNWIND**
**September 9 - 11, 2024**

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 27 |
| Test Abbreviation: | MANUAL_027 |
| Start Date: | 9/9/2024 |
| Start Time: | 8:25:07 |
| Duration (dd:hh:mm:ss): | 0:06:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 26 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.017 |
| | Minimum: | 0.007 |
| | Time of Minimum: | 8:55:07 |
| | Date of Minimum: | 9/9/2024 |
| | Maximum: | 0.049 |
| | Time of Maximum: | 11:25:07 |
| | Date of Maximum: | 9/9/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/9/2024 | 8:40:07 | 0.011 |
| 9/9/2024 | 8:55:07 | 0.007 |
| 9/9/2024 | 9:10:07 | 0.011 |
| 9/9/2024 | 9:25:07 | 0.022 |
| 9/9/2024 | 9:40:07 | 0.009 |
| 9/9/2024 | 9:55:07 | 0.009 |
| 9/9/2024 | 10:10:07 | 0.01 |
| 9/9/2024 | 10:25:07 | 0.011 |
| 9/9/2024 | 10:40:07 | 0.012 |
| 9/9/2024 | 10:55:07 | 0.01 |
| 9/9/2024 | 11:10:07 | 0.01 |
| 9/9/2024 | 11:25:07 | 0.049 |
| 9/9/2024 | 11:40:07 | 0.031 |
| 9/9/2024 | 11:55:07 | 0.018 |
| 9/9/2024 | 12:10:07 | 0.019 |
| 9/9/2024 | 12:25:07 | 0.022 |

| | | |
|---|---|---|
| 9/9/2024 | 12:40:07 | 0.017 |
| 9/9/2024 | 12:55:07 | 0.015 |
| 9/9/2024 | 13:10:07 | 0.017 |
| 9/9/2024 | 13:25:07 | 0.017 |
| 9/9/2024 | 13:40:07 | 0.023 |
| 9/9/2024 | 13:55:07 | 0.017 |
| 9/9/2024 | 14:10:07 | 0.018 |
| 9/9/2024 | 14:25:07 | 0.016 |
| 9/9/2024 | 14:40:07 | 0.018 |
| 9/9/2024 | 14:55:07 | 0.019 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 28 |
| Test Abbreviation: | MANUAL_028 |
| Start Date: | 9/10/2024 |
| Start Time: | 8:05:42 |
| Duration (dd:hh:mm:ss): | 0:06:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 26 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.015 |
| | Minimum: | 0.011 |
| | Time of Minimum: | 9:50:42 |
| | Date of Minimum: | 9/10/2024 |
| | Maximum: | 0.022 |
| | Time of Maximum: | 8:20:42 |
| | Date of Maximum: | 9/10/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/10/2024 | 8:20:42 | 0.022 |
| 9/10/2024 | 8:35:42 | 0.017 |
| 9/10/2024 | 8:50:42 | 0.014 |
| 9/10/2024 | 9:05:42 | 0.014 |
| 9/10/2024 | 9:20:42 | 0.013 |
| 9/10/2024 | 9:35:42 | 0.012 |
| 9/10/2024 | 9:50:42 | 0.011 |
| 9/10/2024 | 10:05:42 | 0.012 |
| 9/10/2024 | 10:20:42 | 0.011 |

| | | |
|---|---|---|
| 9/10/2024 | 10:35:42 | 0.012 |
| 9/10/2024 | 10:50:42 | 0.014 |
| 9/10/2024 | 11:05:42 | 0.012 |
| 9/10/2024 | 11:20:42 | 0.014 |
| 9/10/2024 | 11:35:42 | 0.014 |
| 9/10/2024 | 11:50:42 | 0.014 |
| 9/10/2024 | 12:05:42 | 0.015 |
| 9/10/2024 | 12:20:42 | 0.016 |
| 9/10/2024 | 12:35:42 | 0.015 |
| 9/10/2024 | 12:50:42 | 0.017 |
| 9/10/2024 | 13:05:42 | 0.018 |
| 9/10/2024 | 13:20:42 | 0.017 |
| 9/10/2024 | 13:35:42 | 0.018 |
| 9/10/2024 | 13:50:42 | 0.018 |
| 9/10/2024 | 14:05:42 | 0.018 |
| 9/10/2024 | 14:20:42 | 0.017 |
| 9/10/2024 | 14:35:42 | 0.017 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530182511 |
| Test ID: | 29 |
| Test Abbreviation: | MANUAL_029 |
| Start Date: | 9/11/2024 |
| Start Time: | 8:15:08 |
| Duration (dd:hh:mm:ss): | 0:05:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 23 |
| Notes: | |

| Statistics | | |
|---|---|---|
| | Channel: | AEROSOL |
| | Units: | mg/m^3 |
| | Average: | 0.022 |
| | Minimum: | 0.018 |
| | Time of Minimum: | 8:30:08 |
| | Date of Minimum: | 9/11/2024 |
| | Maximum: | 0.032 |
| | Time of Maximum: | 13:15:08 |
| | Date of Maximum: | 9/11/2024 |

| Calibration | | |
|---|---|---|
| | Sensor: | AEROSOL |
| | Cal. date | 1/25/2024 |

| Date | Time | AEROSOL |
|---|---|---|

| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
|---|---|---|
| 9/11/2024 | 8:30:08 | 0.018 |
| 9/11/2024 | 8:45:08 | 0.019 |
| 9/11/2024 | 9:00:08 | 0.021 |
| 9/11/2024 | 9:15:08 | 0.019 |
| 9/11/2024 | 9:30:08 | 0.018 |
| 9/11/2024 | 9:45:08 | 0.019 |
| 9/11/2024 | 10:00:08 | 0.022 |
| 9/11/2024 | 10:15:08 | 0.024 |
| 9/11/2024 | 10:30:08 | 0.019 |
| 9/11/2024 | 10:45:08 | 0.019 |
| 9/11/2024 | 11:00:08 | 0.021 |
| 9/11/2024 | 11:15:08 | 0.029 |
| 9/11/2024 | 11:30:08 | 0.022 |
| 9/11/2024 | 11:45:08 | 0.029 |
| 9/11/2024 | 12:00:08 | 0.023 |
| 9/11/2024 | 12:15:08 | 0.028 |
| 9/11/2024 | 12:30:08 | 0.022 |
| 9/11/2024 | 12:45:08 | 0.031 |
| 9/11/2024 | 13:00:08 | 0.027 |
| 9/11/2024 | 13:15:08 | 0.032 |
| 9/11/2024 | 13:30:08 | 0.026 |
| 9/11/2024 | 13:45:08 | 0.027 |
| 9/11/2024 | 14:00:08 | 0.024 |

**Bisonite Paint Co,**
**CAMP Data: DustTrak II – Upwind**
**September** 9 – 11**, 2024**

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 030 |
| Test Abbreviation: | MANUAL_030 |
| Start Date: | 9/9/2024 |
| Start Time: | 8:32:37 |
| Duration (dd:hh:mm:ss): | 0:06:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 26 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.02 |
| | Minimum: | 0.002 |
| | Time of Minimum: | 11:02:37 |
| | Date of Minimum: | 9/9/2024 |
| | Maximum: | 0.064 |
| | Time of Maximum: | 11:32:37 |
| | Date of Maximum: | 9/9/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/9/2024 | 8:47:37 | 0.013 |
| 9/9/2024 | 9:02:37 | 0.009 |
| 9/9/2024 | 9:17:37 | 0.021 |
| 9/9/2024 | 9:32:37 | 0.015 |
| 9/9/2024 | 9:47:37 | 0.009 |
| 9/9/2024 | 10:02:37 | 0.014 |
| 9/9/2024 | 10:17:37 | 0.016 |
| 9/9/2024 | 10:32:37 | 0.015 |
| 9/9/2024 | 10:47:37 | 0.003 |
| 9/9/2024 | 11:02:37 | 0.002 |
| 9/9/2024 | 11:17:37 | 0.027 |
| 9/9/2024 | 11:32:37 | 0.064 |
| 9/9/2024 | 11:47:37 | 0.033 |
| 9/9/2024 | 12:02:37 | 0.047 |
| 9/9/2024 | 12:17:37 | 0.029 |
| 9/9/2024 | 12:32:37 | 0.026 |

| | | |
|---|---|---|
| 9/9/2024 | 12:47:37 | 0.004 |
| 9/9/2024 | 13:02:37 | 0.011 |
| 9/9/2024 | 13:17:37 | 0.024 |
| 9/9/2024 | 13:32:37 | 0.03 |
| 9/9/2024 | 13:47:37 | 0.047 |
| 9/9/2024 | 14:02:37 | 0.016 |
| 9/9/2024 | 14:17:37 | 0.005 |
| 9/9/2024 | 14:32:37 | 0.005 |
| 9/9/2024 | 14:47:37 | 0.012 |
| 9/9/2024 | 15:02:37 | 0.012 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 031 |
| Test Abbreviation: | MANUAL_031 |
| Start Date: | 9/10/2024 |
| Start Time: | 8:08:15 |
| Duration (dd:hh:mm:ss): | 0:06:30:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 26 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.009 |
| | Minimum: | 0.003 |
| | Time of Minimum: | 11:23:15 |
| | Date of Minimum: | 9/10/2024 |
| | Maximum: | 0.03 |
| | Time of Maximum: | 8:23:15 |
| | Date of Maximum: | 9/10/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/10/2024 | 8:23:15 | 0.03 |
| 9/10/2024 | 8:38:15 | 0.023 |
| 9/10/2024 | 8:53:15 | 0.016 |
| 9/10/2024 | 9:08:15 | 0.013 |
| 9/10/2024 | 9:23:15 | 0.011 |
| 9/10/2024 | 9:38:15 | 0.006 |
| 9/10/2024 | 9:53:15 | 0.004 |
| 9/10/2024 | 10:08:15 | 0.009 |

| | | |
|---|---|---|
| 9/10/2024 | 10:23:15 | 0.004 |
| 9/10/2024 | 10:38:15 | 0.004 |
| 9/10/2024 | 10:53:15 | 0.004 |
| 9/10/2024 | 11:08:15 | 0.004 |
| 9/10/2024 | 11:23:15 | 0.003 |
| 9/10/2024 | 11:38:15 | 0.003 |
| 9/10/2024 | 11:53:15 | 0.003 |
| 9/10/2024 | 12:08:15 | 0.016 |
| 9/10/2024 | 12:23:15 | 0.006 |
| 9/10/2024 | 12:38:15 | 0.003 |
| 9/10/2024 | 12:53:15 | 0.004 |
| 9/10/2024 | 13:08:15 | 0.012 |
| 9/10/2024 | 13:23:15 | 0.014 |
| 9/10/2024 | 13:38:15 | 0.006 |
| 9/10/2024 | 13:53:15 | 0.005 |
| 9/10/2024 | 14:08:15 | 0.008 |
| 9/10/2024 | 14:23:15 | 0.009 |
| 9/10/2024 | 14:38:15 | 0.005 |

| | |
|---|---|
| Model: | DustTrak II |
| Model Number: | 8530 |
| Serial Number: | 8530241801 |
| Test ID: | 032 |
| Test Abbreviation: | MANUAL_032 |
| Start Date: | 9/11/2024 |
| Start Time: | 8:16:55 |
| Duration (dd:hh:mm:ss): | 0:05:45:00 |
| Log Interval (mm:ss): | 15:00 |
| Number of points: | 23 |
| Notes: | |

| Statistics | Channel: | AEROSOL |
|---|---|---|
| | Units: | mg/m^3 |
| | Average: | 0.009 |
| | Minimum: | 0.004 |
| | Time of Minimum: | 14:01:55 |
| | Date of Minimum: | 9/11/2024 |
| | Maximum: | 0.014 |
| | Time of Maximum: | 13:01:55 |
| | Date of Maximum: | 9/11/2024 |

| Calibration | Sensor: | AEROSOL |
|---|---|---|
| | Cal. date | 4/29/2024 |

| Date | Time | AEROSOL |
|---|---|---|
| MM/dd/yyyy | hh:mm:ss | mg/m^3 |
| 9/11/2024 | 8:31:55 | 0.01 |
| 9/11/2024 | 8:46:55 | 0.01 |
| 9/11/2024 | 9:01:55 | 0.012 |
| 9/11/2024 | 9:16:55 | 0.011 |
| 9/11/2024 | 9:31:55 | 0.009 |
| 9/11/2024 | 9:46:55 | 0.01 |
| 9/11/2024 | 10:01:55 | 0.011 |
| 9/11/2024 | 10:16:55 | 0.011 |
| 9/11/2024 | 10:31:55 | 0.01 |
| 9/11/2024 | 10:46:55 | 0.009 |
| 9/11/2024 | 11:01:55 | 0.009 |
| 9/11/2024 | 11:16:55 | 0.009 |
| 9/11/2024 | 11:31:55 | 0.009 |
| 9/11/2024 | 11:46:55 | 0.009 |
| 9/11/2024 | 12:01:55 | 0.01 |
| 9/11/2024 | 12:16:55 | 0.01 |
| 9/11/2024 | 12:31:55 | 0.01 |
| 9/11/2024 | 12:46:55 | 0.009 |
| 9/11/2024 | 13:01:55 | 0.014 |
| 9/11/2024 | 13:16:55 | 0.007 |
| 9/11/2024 | 13:31:55 | 0.006 |
| 9/11/2024 | 13:46:55 | 0.005 |
| 9/11/2024 | 14:01:55 | 0.004 |

**Bisonite Paint Co,**
**CAMP Data: PID – DOWN WIND**
**September 9 – 11, 2024**

24/09/09 08:40

**********

Summary

---

| | |
|---|---|
| Unit Name | MiniRAE 3000 +(PGM-7320) |
| Unit SN | 592-927537 |
| Unit Firmware Ver | V2.22 |

---

| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

---

| | |
|---|---|
| Begin | 9/9/2024 8:40 |
| End | 9/9/2024 9:26 |
| Sample Period(s) | 900 |
| Number of Records | 3 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030449W3 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:09 |
| Peak | 0 |
| Min | 0 |
| Average | 0 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 1 | 9/9/2024 8:55 | 0 | 0 | 0 |
| 2 | 9/9/2024 9:10 | 0 | 0 | 0 |

| | | | | | |
|---|---|---|---|---|---|
| | 3 | 9/9/2024 9:25 | 0 | 0.3 | 0 |
| Peak | | | 0 | 0.3 | 0 |
| Min | | | 0 | 0 | 0 |
| Average | | | 0 | 0.1 | 0 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 1 | 9/9/2024 8:55 | 0 | 0 |
| 2 | 9/9/2024 9:10 | 0 | 0 |
| 3 | 9/9/2024 9:25 | 0 | 0 |

==========

24/09/09 10:46

**********

Summary

---

| | |
|---|---|
| Unit Name | MiniRAE 3000 +(PGM-7320) |
| Unit SN | 592-927537 |
| Unit Firmware Ver | V2.22 |

---

| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 9/9/2024 10:46 |
| End | 9/9/2024 10:57 |
| Sample Period(s) | 900 |
| Number of Records | 0 |

---

| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030449W3 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:09 |

**********

Datalog

0 record.

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24/09/10 08:20

**********

Summary

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| | |
|---|---|
| Unit Name | MiniRAE 3000 +(PGM-7320) |
| Unit SN | 592-927537 |
| Unit Firmware Ver | V2.22 |

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| | |
|---|---|
| Running Mode | Hygiene Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Power Down |

---

| | |
|---|---|
| Site ID | 12345678 |
| User ID | 12345678 |

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| | |
|---|---|
| Begin | 9/10/2024 8:20 |
| End | 9/10/2024 15:05 |
| Sample Period(s) | 900 |
| Number of Records | 26 |

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| | |
|---|---|
| Sensor | PID(ppm) |
| Sensor SN | S023030449W3 |
| Measure Type | Avg; Max; Real |
| Span | 100 |
| Span 2 | 1000 |
| Low Alarm | 50 |
| High Alarm | 100 |
| Over Alarm | 15000 |
| STEL Alarm | 100 |
| TWA Alarm | 50 |
| Measurement Gas | Isobutylene |
| Calibration Time | 7/12/2024 9:09 |
| Peak | 0.3 |
| Min | 0 |
| Average | 0.2 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 1 | 9/10/2024 8:35 | 0 | 0 | 0 |

| | | | | |
|---|---|---|---|---|
| 2 | 9/10/2024 8:50 | 0 | 0 | 0 |
| 3 | 9/10/2024 9:05 | 0 | 0 | 0 |
| 4 | 9/10/2024 9:20 | 0 | 0 | 0 |
| 5 | 9/10/2024 9:35 | 0 | 0.1 | 0.1 |
| 6 | 9/10/2024 9:50 | 0.1 | 0.1 | 0.1 |
| 7 | 9/10/2024 10:05 | 0.1 | 0.2 | 0.2 |
| 8 | 9/10/2024 10:20 | 0.2 | 0.2 | 0.2 |
| 9 | 9/10/2024 10:35 | 0.2 | 0.2 | 0.2 |
| 10 | 9/10/2024 10:50 | 0.3 | 0.3 | 0.3 |
| 11 | 9/10/2024 11:05 | 0.3 | 0.3 | 0.3 |
| 12 | 9/10/2024 11:20 | 0.3 | 0.3 | 0.3 |
| 13 | 9/10/2024 11:35 | 0.3 | 0.3 | 0.3 |
| 14 | 9/10/2024 11:50 | 0.3 | 0.3 | 0.3 |
| 15 | 9/10/2024 12:05 | 0.3 | 0.3 | 0.3 |
| 16 | 9/10/2024 12:20 | 0.3 | 0.3 | 0.3 |
| 17 | 9/10/2024 12:35 | 0.3 | 0.3 | 0.3 |
| 18 | 9/10/2024 12:50 | 0.3 | 0.3 | 0.3 |
| 19 | 9/10/2024 13:05 | 0.3 | 0.3 | 0.3 |
| 20 | 9/10/2024 13:20 | 0.3 | 0.3 | 0.3 |
| 21 | 9/10/2024 13:35 | 0.3 | 0.3 | 0.2 |
| 22 | 9/10/2024 13:50 | 0.2 | 0.2 | 0.2 |
| 23 | 9/10/2024 14:05 | 0.2 | 0.2 | 0.2 |
| 24 | 9/10/2024 14:20 | 0.2 | 0.2 | 0.2 |
| 25 | 9/10/2024 14:35 | 0.2 | 0.2 | 0.2 |
| 26 | 9/10/2024 14:50 | 0.2 | 0.2 | 0.2 |
| Peak | | 0.3 | 0.3 | 0.3 |
| Min | | 0 | 0 | 0 |
| Average | | 0.2 | 0.2 | 0.2 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 1 | 9/10/2024 8:35 | 0 | 0 |
| 2 | 9/10/2024 8:50 | 0 | 0 |
| 3 | 9/10/2024 9:05 | 0 | 0 |
| 4 | 9/10/2024 9:20 | 0 | 0 |
| 5 | 9/10/2024 9:35 | 0 | 0.1 |
| 6 | 9/10/2024 9:50 | 0 | 0.2 |
| 7 | 9/10/2024 10:05 | 0 | 0.3 |
| 8 | 9/10/2024 10:20 | 0 | 0.4 |
| 9 | 9/10/2024 10:35 | 0 | 0.4 |
| 10 | 9/10/2024 10:50 | 0 | 0.5 |
| 11 | 9/10/2024 11:05 | 0 | 0.6 |
| 12 | 9/10/2024 11:20 | 0.1 | 0.6 |
| 13 | 9/10/2024 11:35 | 0.1 | 0.6 |
| 14 | 9/10/2024 11:50 | 0.1 | 0.6 |

| | | | |
|---|---|---|---|
| 15 | 9/10/2024 12:05 | 0.1 | 0.6 |
| 16 | 9/10/2024 12:20 | 0.1 | 0.6 |
| 17 | 9/10/2024 12:35 | 0.1 | 0.6 |
| 18 | 9/10/2024 12:50 | 0.1 | 0.6 |
| 19 | 9/10/2024 13:05 | 0.1 | 0.6 |
| 20 | 9/10/2024 13:20 | 0.1 | 0.6 |
| 21 | 9/10/2024 13:35 | 0.1 | 0.5 |
| 22 | 9/10/2024 13:50 | 0.1 | 0.4 |
| 23 | 9/10/2024 14:05 | 0.1 | 0.4 |
| 24 | 9/10/2024 14:20 | 0.2 | 0.4 |
| 25 | 9/10/2024 14:35 | 0.2 | 0.4 |
| 26 | 9/10/2024 14:50 | 0.2 | 0.4 |

MARSH ENGINEERING D.P.C.
271 Marsh Road, Suite 2
Pittsford, New York 14534
Phone: (585) 248-2413

1077.003

December 18, 2024

Michael Keller, EIT
New York State Department of Environmental Conservation
Division of Environmental Remediation
700 Delaware Avenue
Buffalo, New York 14209

Re: Bisonite Paint Company BCP
Site No.: C915010
Weekly Status Report
October 7 – 11, 2024

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Michael;

This weekly status report presents a summary of the site activities performed, community air monitoring conducted, and samples collected for laboratory analyses during the period from October 7 – 11, 2024.

Site Activities included:

- October 7th: No site work.
- October 8th: No site work.
- October 9th: Sessler started digging impacted soil from the trench and live loaded dump trucks. Dried, rubbery paint was encountered in the trench. SES encountered a plastic corrugated storm drain pipe. The storm pipe was dented; however, not breached. Sessler made repairs to the drain pipe once parts were received (i.e., same day). Fill was imported to start backfilling the trench.
- October 10th: SES continued to backfill trench with approved imported fill. Broken concrete was removed from site. SES was dumping clean stone in the trench and spreading clean stone in parking lot/excavation to bring excavation to grade for asphalt. Field personnel noticed that equipment (loader) was idling with its exhaust facing and immediately adjacent to the CAMP station. Field notes indicate that the downwind CAMP station was relocated. Around 3:00 pm the downwind CAMP PID battery died; site work was terminated/completed by 3:15 pm.
- October 11th: No site work.

Field notes that contain additional details are attached.

Community air monitoring, including volatile organic compounds ("VOCs") and particulates, was conducted consistent with the Community Air Monitoring Plan ("CAMP") during the reporting period.

CAMP monitoring tables are attached.

If you have any questions, please call us at (585) 248.2413.

Sincerely,



Steven J. Turybury, P.E.
NYS Professional Engineer

Attachments:

Field Notes
Table 1 – CAMP – DustTrak – Upwind
Table 2 – CAMP – DustTrak – Downwind
Table 3 – CAMP – MiniRae – Downwind 100924 – 101024

TRUCKS IN 1

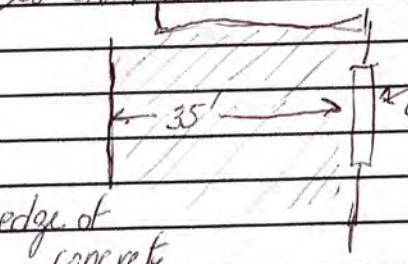
**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** BISONITE PAINT Co. | **Marsh Personnel:** STEVENS |
| **Project Number:** 100.002 | **Contractor:** SESSLER |
| **Time Onsite:** 7:30 | **Time Offsite:** |

**Description of Activities:**

7:30 STEVENS & SESSLER ONSITE, SAFETY MTG.
8:00 SESSLER STARTED DIGGING OUT TRENCH of 9 LINE LOADED DUMP TRUCKS.
9:15 3rd dump truck - begin filling (2 trucks already left/loaded) dried/rubbery paint encountered in trench
9:30 DEC on-site (M. Keller)
10:00 loading 4th truck
10:10 uncovered plastic corrugated storm sewer pipe
10:17 Truck 4 off-site
10:54 Truck #5 arrived; began loading
11:24 Truck #6 arrived began loading
12:20 Truck #6 left site
12:05 Relocated down wind CAMP station - excavator exhaust too close to CAMP station




saw cut corrugated storm pipe - SES to repair
12:45 Samples started
1:15 Sessler repaired corrugated pipe for station after spot arrived

Signature: _____ Date: 10/9/24

P. 1

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** BISONITE | **Marsh Personnel:** STEVENS |
| **Project Number:** 100.002 | **Contractor:** SESSLER |
| **Time Onsite:** 7:30 | **Time Offsite:** |

**Description of Activities:**

1:20 Storm drain repair completed
1:30 1st load of fill arrived to dump in trench
2:10 2nd load of fill arrived to dump in trench. Sesslers moved to appropriate position
2:30 sampling completed
2:30 shut down CAMP for day
2:55 3rd load of stone arrived & dumped in trench Sesslers spread
3:15 4th load of stone arrived & dumped in trench. Sesslers spread
3:32 Sesslers off site
3:35 Steven off site

CAMP LOCATIONS:
UPWIND - FA0094
DOWN WIND - FA0531

Signature: _____ Date: 10/9/24

P/2

TRUCKS ~~1111~~
1111

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

MARSH ENGINEERING D.P.C.

8 IMPORTED STONE

| | |
|---|---|
| **Project Name:** BISONITE | **Marsh Personnel:** STEVENS |
| **Project Number:** 100.002 | **Contractor:** SIESSLER |
| **Time Onsite:** 7:30 | **Time Offsite:** |
| **Description of Activities:** | |

(1) 7:30 SAFETY MTG / CAMP SETUP
(2) 7:35 SESSLER BEGIN EXCAVATING
(3) 7:45 FIRST TRUCK ARRIVED - LIVE LOAD
DUMPED STONE
(4) 7:50 2ND TRUCK ARRIVED W/ STONE - SESSLER SPREAD
(5) 9:05 3RD TRUCK ARRIVED & LIVE LOADED
(6) 9:10 STONE ARRIVED W/ 4TH TRUCK - LEFT EMPTY
(7) MOVED CAMP BY BLDG SOUTH TO MIDDLE DOOR 9:40
(8) P.I.D READINGS 9:49 AM
SOUTH SIDE A 8.8 PPM BASE 0.8 PPM
SOUTH SIDE B 170 PPM
NORTH SIDE A 92.5 PPM
NORTH SIDE B 0.7 PPM
EXPOSED OPEN TRENCH. FILLED W/ CONCRETE. RUN OUT TO TERMINUS BY CATCH BASIN. EXPOSED BULKHEAD BY CATH BASIN THAT APPEARS TO BE END OF TRENCH

(9) ~~STONE TRUCK~~ ARRIVED 10:50 EMPTY - LIVE LOADED
(10) 10:46 STONE ARRIVED. SES SPREAD IN BACK LOT
(11) 11:55 - LUNCH. WORK STOPPED. STEVENS TO DACE FOR JAKES
FRANK PM PIZZA
(12) 12:15 - TRUCK ON SITE - LOADING BROKEN CONCRETE
(13) 12:25 STEVENS ON SITE
(14) 12:35 TRUCK 4 LEFT W/ CONCRETE

Signature: _____ Date: 10/10/24

P.1

**Marsh Engineering D.P.C.**
**Environmental Oversight Daily Log**

MARSH ENGINEERING D.P.C.

| | |
|---|---|
| **Project Name:** BISONITE PAINT | **Marsh Personnel:** STEVENS |
| **Project Number:** 100.002 | **Contractor:** SESSLER |
| **Time Onsite:** 7:30 | **Time Offsite:** |
| **Description of Activities:** | |
| (15) 1:20 - STONE ARRIVED - DUMPED IN TRENCH | |
| (16) CONFIRMATORY SAMPLES - 12:45 - 1:45 | |
| (17) 2:05 STONE ARRIVED - DUMPED IN TRENCH | |
| (18) 2:40 STONE ARRIVED - DUMPED IN LOT | |
| (19) 3:00 PID BATTERY DEAD ON DOWNWIND | |
| (20) 3:15 SITE WORK COMPLETE | |
| (21) 3:30 SESSLER OFFSITE | |
| (22) 3:35 STEVENS OFFSITE | |

Signature: _____ Date: 10/10/24

P. 2

Bisonite Paint Co,
CAMP Data: DustTrak II - UPWIND
October 9 - 10, 2024

# Test 001

| Instrument | | Data Properties | |
|---|---|---|---|
| Model | DustTrak II | Start Date | 10/09/2024 |
| Instrument S/N | 8530133704 | Start Time | 07:44:35 |
| | | Stop Date | 10/09/2024 |
| | | Stop Time | 14:29:35 |
| | | Total Time | 0:06:45:00 |
| | | Logging Interval | 900 seconds |

| Test Data | | | |
|---|---|---|---|
| **Data Point** | **Date** | **Time** | **AEROSOL mg/m^3** |
| 1 | 10/09/2024 | 07:59:35 | 0.008 |
| 2 | 10/09/2024 | 08:14:35 | 0.009 |
| 3 | 10/09/2024 | 08:29:35 | 0.008 |
| 4 | 10/09/2024 | 08:44:35 | 0.006 |
| 5 | 10/09/2024 | 08:59:35 | 0.006 |
| 6 | 10/09/2024 | 09:14:35 | 0.006 |
| 7 | 10/09/2024 | 09:29:35 | 0.005 |
| 8 | 10/09/2024 | 09:44:35 | 0.006 |
| 9 | 10/09/2024 | 09:59:35 | 0.006 |
| 10 | 10/09/2024 | 10:14:35 | 0.005 |
| 11 | 10/09/2024 | 10:29:35 | 0.006 |
| 12 | 10/09/2024 | 10:44:35 | 0.006 |
| 13 | 10/09/2024 | 10:59:35 | 0.006 |
| 14 | 10/09/2024 | 11:14:35 | 0.006 |
| 15 | 10/09/2024 | 11:29:35 | 0.006 |
| 16 | 10/09/2024 | 11:44:35 | 0.006 |
| 17 | 10/09/2024 | 11:59:35 | 0.006 |
| 18 | 10/09/2024 | 12:14:35 | 0.006 |
| 19 | 10/09/2024 | 12:29:35 | 0.006 |
| 20 | 10/09/2024 | 12:44:35 | 0.007 |
| 21 | 10/09/2024 | 12:59:35 | 0.006 |
| 22 | 10/09/2024 | 13:14:35 | 0.007 |
| 23 | 10/09/2024 | 13:29:35 | 0.008 |
| 24 | 10/09/2024 | 13:44:35 | 0.008 |
| 25 | 10/09/2024 | 13:59:35 | 0.007 |
| 26 | 10/09/2024 | 14:14:35 | 0.006 |
| 27 | 10/09/2024 | 14:29:35 | 0.006 |

# Test 002

| Instrument | | Data Properties | |
|---|---|---|---|
| Model | DustTrak II | Start Date | 10/10/2024 |
| Instrument S/N | 8530133704 | Start Time | 07:41:39 |
| | | Stop Date | 10/10/2024 |
| | | Stop Time | 14:56:39 |
| | | Total Time | 0:07:15:00 |
| | | Logging Interval | 900 seconds |

| Statistics | |
|---|---|
| | **AEROSOL** |
| Avg | 0.014 mg/m^3 |
| Max | 0.052 mg/m^3 |
| Max Date | 10/10/2024 |
| Max Time | 09:56:39 |
| Min | 0.000 mg/m^3 |
| Min Date | 10/10/2024 |
| Min Time | 08:11:39 |
| TWA (8 hr) | 0.013 |
| TWA Start Date | 10/10/2024 |
| TWA Start Time | 07:41:39 |
| TWA End Time | 14:56:39 |

| Test Data | | | |
|---|---|---|---|
| **Data Point** | **Date** | **Time** | **AEROSOL mg/m^3** |
| 1 | 10/10/2024 | 07:56:39 | 0.002 |
| 2 | 10/10/2024 | 08:11:39 | 0.000 |
| 3 | 10/10/2024 | 08:26:39 | 0.000 |
| 4 | 10/10/2024 | 08:41:39 | 0.001 |
| 5 | 10/10/2024 | 08:56:39 | 0.001 |
| 6 | 10/10/2024 | 09:11:39 | 0.004 |
| 7 | 10/10/2024 | 09:26:39 | 0.009 |
| 8 | 10/10/2024 | 09:41:39 | 0.011 |
| 9 | 10/10/2024 | 09:56:39 | 0.052 |
| 10 | 10/10/2024 | 10:11:39 | 0.020 |
| 11 | 10/10/2024 | 10:26:39 | 0.007 |
| 12 | 10/10/2024 | 10:41:39 | 0.010 |
| 13 | 10/10/2024 | 10:56:39 | 0.012 |
| 14 | 10/10/2024 | 11:11:39 | 0.041 |
| 15 | 10/10/2024 | 11:26:39 | 0.008 |
| 16 | 10/10/2024 | 11:41:39 | 0.036 |
| 17 | 10/10/2024 | 11:56:39 | 0.028 |
| 18 | 10/10/2024 | 12:11:39 | 0.010 |
| 19 | 10/10/2024 | 12:26:39 | 0.014 |
| 20 | 10/10/2024 | 12:41:39 | 0.027 |
| 21 | 10/10/2024 | 12:56:39 | 0.013 |

| Test Data | | | |
|---|---|---|---|
| **Data Point** | **Date** | **Time** | **AEROSOL mg/m^3** |
| 22 | 10/10/2024 | 13:11:39 | 0.005 |
| 23 | 10/10/2024 | 13:26:39 | 0.021 |
| 24 | 10/10/2024 | 13:41:39 | 0.008 |
| 25 | 10/10/2024 | 13:56:39 | 0.008 |
| 26 | 10/10/2024 | 14:11:39 | 0.015 |
| 27 | 10/10/2024 | 14:26:39 | 0.011 |
| 28 | 10/10/2024 | 14:41:39 | 0.017 |
| 29 | 10/10/2024 | 14:56:39 | 0.025 |

Bisonite Paint Co,
CAMP Data: Dustrak II - Down Wind
October 9 - 10, 2024

# Test 001

| Instrument | | Data Properties | |
|---|---|---|---|
| Model | DustTrak II | Start Date | 10/09/2024 |
| Instrument S/N | 8530130715 | Start Time | 07:35:07 |
| | | Stop Date | 10/09/2024 |
| | | Stop Time | 14:35:07 |
| | | Total Time | 0:07:00:00 |
| | | Logging Interval | 900 seconds |

| Statistics | |
|---|---|
| | **AEROSOL** |
| Avg | 0.011 mg/m^3 |
| Max | 0.025 mg/m^3 |
| Max Date | 10/09/2024 |
| Max Time | 12:20:07 |
| Min | 0.004 mg/m^3 |
| Min Date | 10/09/2024 |
| Min Time | 08:50:07 |
| TWA (8 hr) | 0.009 |
| TWA Start Date | 10/09/2024 |
| TWA Start Time | 07:35:07 |
| TWA End Time | 14:35:07 |

| Test Data | | | |
|---|---|---|---|
| **Data Point** | **Date** | **Time** | **AEROSOL mg/m^3** |
| 1 | 10/09/2024 | 07:50:07 | 0.006 |
| 2 | 10/09/2024 | 08:05:07 | 0.007 |
| 3 | 10/09/2024 | 08:20:07 | 0.020 |
| 4 | 10/09/2024 | 08:35:07 | 0.006 |
| 5 | 10/09/2024 | 08:50:07 | 0.004 |
| 6 | 10/09/2024 | 09:05:07 | 0.005 |
| 7 | 10/09/2024 | 09:20:07 | 0.011 |
| 8 | 10/09/2024 | 09:35:07 | 0.011 |
| 9 | 10/09/2024 | 09:50:07 | 0.004 |
| 10 | 10/09/2024 | 10:05:07 | 0.004 |
| 11 | 10/09/2024 | 10:20:07 | 0.007 |
| 12 | 10/09/2024 | 10:35:07 | 0.011 |
| 13 | 10/09/2024 | 10:50:07 | 0.008 |
| 14 | 10/09/2024 | 11:05:07 | 0.009 |
| 15 | 10/09/2024 | 11:20:07 | 0.012 |
| 16 | 10/09/2024 | 11:35:07 | 0.011 |
| 17 | 10/09/2024 | 11:50:07 | 0.013 |
| 18 | 10/09/2024 | 12:05:07 | 0.017 |
| 19 | 10/09/2024 | 12:20:07 | 0.025 |
| 20 | 10/09/2024 | 12:35:07 | 0.014 |
| 21 | 10/09/2024 | 12:50:07 | 0.012 |

| Test Data | | | |
|---|---|---|---|
| **Data Point** | **Date** | **Time** | **AEROSOL mg/m^3** |
| 22 | 10/09/2024 | 13:05:07 | 0.009 |
| 23 | 10/09/2024 | 13:20:07 | 0.011 |
| 24 | 10/09/2024 | 13:35:07 | 0.012 |
| 25 | 10/09/2024 | 13:50:07 | 0.012 |
| 26 | 10/09/2024 | 14:05:07 | 0.017 |
| 27 | 10/09/2024 | 14:20:07 | 0.009 |
| 28 | 10/09/2024 | 14:35:07 | 0.009 |

# Test 002

| Instrument | | Data Properties | |
|---|---|---|---|
| Model | DustTrak II | Start Date | 10/10/2024 |
| Instrument S/N | 8530130715 | Start Time | 07:43:39 |
| | | Stop Date | 10/10/2024 |
| | | Stop Time | 14:58:39 |
| | | Total Time | 0:07:15:00 |
| | | Logging Interval | 900 seconds |

| Statistics | |
|---|---|
| | **AEROSOL** |
| Avg | 0.013 mg/m^3 |
| Max | 0.083 mg/m^3 |
| Max Date | 10/10/2024 |
| Max Time | 14:43:39 |
| Min | 0.000 mg/m^3 |
| Min Date | 10/10/2024 |
| Min Time | 08:43:39 |
| TWA (8 hr) | 0.012 |
| TWA Start Date | 10/10/2024 |
| TWA Start Time | 07:43:39 |
| TWA End Time | 14:58:39 |

| Test Data | | | |
|---|---|---|---|
| **Data Point** | **Date** | **Time** | **AEROSOL mg/m^3** |
| 1 | 10/10/2024 | 07:58:39 | 0.002 |
| 2 | 10/10/2024 | 08:13:39 | 0.007 |
| 3 | 10/10/2024 | 08:28:39 | 0.006 |
| 4 | 10/10/2024 | 08:43:39 | 0.000 |
| 5 | 10/10/2024 | 08:58:39 | 0.008 |
| 6 | 10/10/2024 | 09:13:39 | 0.006 |
| 7 | 10/10/2024 | 09:28:39 | 0.024 |
| 8 | 10/10/2024 | 09:43:39 | 0.013 |
| 9 | 10/10/2024 | 09:58:39 | 0.004 |
| 10 | 10/10/2024 | 10:13:39 | 0.004 |
| 11 | 10/10/2024 | 10:28:39 | 0.005 |
| 12 | 10/10/2024 | 10:43:39 | 0.004 |
| 13 | 10/10/2024 | 10:58:39 | 0.021 |
| 14 | 10/10/2024 | 11:13:39 | 0.028 |
| 15 | 10/10/2024 | 11:28:39 | 0.005 |
| 16 | 10/10/2024 | 11:43:39 | 0.011 |
| 17 | 10/10/2024 | 11:58:39 | 0.019 |
| 18 | 10/10/2024 | 12:13:39 | 0.005 |
| 19 | 10/10/2024 | 12:28:39 | 0.006 |
| 20 | 10/10/2024 | 12:43:39 | 0.013 |
| 21 | 10/10/2024 | 12:58:39 | 0.006 |

| Test Data | | | |
|---|---|---|---|
| **Data Point** | **Date** | **Time** | **AEROSOL mg/m^3** |
| 22 | 10/10/2024 | 13:13:39 | 0.005 |
| 23 | 10/10/2024 | 13:28:39 | 0.006 |
| 24 | 10/10/2024 | 13:43:39 | 0.010 |
| 25 | 10/10/2024 | 13:58:39 | 0.017 |
| 26 | 10/10/2024 | 14:13:39 | 0.008 |
| 27 | 10/10/2024 | 14:28:39 | 0.012 |
| 28 | 10/10/2024 | 14:43:39 | 0.083 |
| 29 | 10/10/2024 | 14:58:39 | 0.049 |

# Bisonite Paint Co,
# CAMP Data: PID - DOWN WIND
# October 9 - 10, 2024

24/10/09 07:37

Summary

Unit Name MiniRAE 3000 +(PGM-7320)
Unit SN 592-912377
Unit Firmware Ver V2.22A
---
Running Mode Search Mode
Datalog Mode Auto
Diagnostic Mode No
Stop Reason Power Down

Site ID 12345679
User ID 12345678
---
Begin 10/9/2024 07:37:09
End 10/9/2024 14:38:34
Sample Period(s) 900
Number of Records 28
---
Sensor PID(ppm)
Sensor SN S023030151AA
Measure Type Avg; Max; Real
Span 100.0
Span 2 1000.0
Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 25.0
TWA Alarm 10.0
Measurement Gas Isobutylene
Calibration Time 10/8/2024 08:53
Peak 6.7
Min 0.4
Average 1.3

**********
Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 10/9/2024 07:52:09 | 1.9 | 11.9 | 0.9 |
| 002 | 10/9/2024 08:07:09 | 2.6 | 10.0 | 1.9 |
| 003 | 10/9/2024 08:22:09 | 1.9 | 7.6 | 2.9 |
| 004 | 10/9/2024 08:37:09 | 2.4 | 7.4 | 1.0 |
| 005 | 10/9/2024 08:52:09 | 1.2 | 7.7 | 1.1 |
| 006 | 10/9/2024 09:07:09 | 2.0 | 15.7 | 1.0 |
| 007 | 10/9/2024 09:22:09 | 9.2 | 53.0 | 6.7 |
| 008 | 10/9/2024 09:37:09 | 4.7 | 14.2 | 2.2 |

| | | | | | |
|---|---|---|---|---|---|
| 009 | 10/9/2024 09:52:09 | | 3.2 | 12.3 | 2.3 |
| 010 | 10/9/2024 10:07:09 | | 1.7 | 8.6 | 1.8 |
| 011 | 10/9/2024 10:22:09 | | 1.2 | 7.8 | 1.5 |
| 012 | 10/9/2024 10:37:09 | | 1.4 | 3.7 | 0.8 |
| 013 | 10/9/2024 10:52:09 | | 1.0 | 2.3 | 1.0 |
| 014 | 10/9/2024 11:07:09 | | 1.0 | 2.7 | 1.3 |
| 015 | 10/9/2024 11:22:09 | | 2.4 | 14.6 | 1.6 |
| 016 | 10/9/2024 11:37:09 | | 2.0 | 24.2 | 1.5 |
| 017 | 10/9/2024 11:52:09 | | 1.6 | 12.8 | 0.9 |
| 018 | 10/9/2024 12:07:09 | | 0.9 | 3.4 | 0.6 |
| 019 | 10/9/2024 12:22:09 | | 0.7 | 2.8 | 0.6 |
| 020 | 10/9/2024 12:37:09 | | 0.8 | 2.2 | 0.6 |
| 021 | 10/9/2024 12:52:09 | | 0.7 | 1.8 | 0.5 |
| 022 | 10/9/2024 13:07:09 | | 0.6 | 1.3 | 0.7 |
| 023 | 10/9/2024 13:22:09 | | 0.6 | 1.3 | 0.7 |
| 024 | 10/9/2024 13:37:09 | | 0.5 | 0.9 | 0.6 |
| 025 | 10/9/2024 13:52:09 | | 0.4 | 1.1 | 0.4 |
| 026 | 10/9/2024 14:07:09 | | 0.4 | 0.9 | 0.4 |
| 027 | 10/9/2024 14:22:09 | | 0.4 | 2.3 | 1.4 |
| 028 | 10/9/2024 14:37:09 | | 0.4 | 1.3 | 0.4 |
| Peak | | 9.2 | 53.0 | 6.7 | |
| Min | | 0.4 | 0.9 | 0.4 | |
| Average | | 1.7 | 8.4 | 1.3 | |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 10/9/2024 07:52:09 | 0.0 | 0.9 |
| 002 | 10/9/2024 08:07:09 | 0.1 | 2.8 |
| 003 | 10/9/2024 08:22:09 | 0.2 | 4.8 |
| 004 | 10/9/2024 08:37:09 | 0.2 | 3.9 |
| 005 | 10/9/2024 08:52:09 | 0.2 | 2.1 |
| 006 | 10/9/2024 09:07:09 | 0.3 | 2.1 |
| 007 | 10/9/2024 09:22:09 | 0.5 | 7.7 |
| 008 | 10/9/2024 09:37:09 | 0.6 | 8.9 |
| 009 | 10/9/2024 09:52:09 | 0.6 | 4.5 |
| 010 | 10/9/2024 10:07:09 | 0.7 | 4.1 |
| 011 | 10/9/2024 10:22:09 | 0.7 | 3.3 |
| 012 | 10/9/2024 10:37:09 | 0.8 | 2.3 |
| 013 | 10/9/2024 10:52:09 | 0.8 | 1.8 |
| 014 | 10/9/2024 11:07:09 | 0.8 | 2.3 |
| 015 | 10/9/2024 11:22:09 | 0.9 | 2.9 |
| 016 | 10/9/2024 11:37:09 | 0.9 | 3.1 |
| 017 | 10/9/2024 11:52:09 | 1.0 | 2.4 |
| 018 | 10/9/2024 12:07:09 | 1.0 | 1.5 |
| 019 | 10/9/2024 12:22:09 | 1.0 | 1.2 |
| 020 | 10/9/2024 12:37:09 | 1.0 | 1.2 |
| 021 | 10/9/2024 12:52:09 | 1.0 | 1.1 |
| 022 | 10/9/2024 13:07:09 | 1.0 | 1.2 |

| | | | |
|---|---|---|---|
| 023 | 10/9/2024 13:22:09 | 1.1 | 1.4 |
| 024 | 10/9/2024 13:37:09 | 1.1 | 1.3 |
| 025 | 10/9/2024 13:52:09 | 1.1 | 1.0 |
| 026 | 10/9/2024 14:07:09 | 1.1 | 0.8 |
| 027 | 10/9/2024 14:22:09 | 1.2 | 1.8 |
| 028 | 10/9/2024 14:37:09 | 1.2 | 1.8 |

24/10/10 07:48

Summary

| | |
|---|---|
| Unit Name | MiniRAE 3000 +(PGM-7320) |
| Unit SN | 592-912377 |
| Unit Firmware Ver | V2.22A |
| Running Mode | Search Mode |
| Datalog Mode | Auto |
| Diagnostic Mode | No |
| Stop Reason | Battery Low |
| Site ID | 12345680 |
| User ID | 12345678 |
| Begin | 10/10/2024 07:48:10 |
| End | 10/10/2024 12:52:51 |
| Sample Period(s) | 900 |
| Number of Records | 20 |
| Sensor | PID(ppm) |
| Sensor SN | S023030151AA |
| Measure Type | Avg; Max; Real |
| Span | 100.0 |
| Span 2 | 1000.0 |
| Low Alarm | 50.0 |
| High Alarm | 100.0 |
| Over Alarm | 15000.0 |
| STEL Alarm | 25.0 |
| TWA Alarm | 10.0 |
| Measurement Gas | Isobutylene |
| Calibration Time | 10/8/2024 08:53 |
| Peak | 11.9 |
| Min | 0.1 |
| Average | 2.5 |

**********

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) | PID(ppm) (Real) |
|---|---|---|---|---|
| 001 | 10/10/2024 08:03:10 | 0.0 | 0.1 | 0.1 |
| 002 | 10/10/2024 08:18:10 | 0.1 | 0.2 | 0.2 |
| 003 | 10/10/2024 08:33:10 | 0.2 | 0.2 | 0.2 |
| 004 | 10/10/2024 08:48:10 | 0.3 | 0.5 | 0.3 |
| 005 | 10/10/2024 09:03:10 | 0.3 | 0.8 | 0.3 |
| 006 | 10/10/2024 09:18:10 | 0.3 | 0.5 | 0.3 |
| 007 | 10/10/2024 09:33:10 | 0.4 | 2.1 | 0.3 |
| 008 | 10/10/2024 09:48:10 | 0.7 | 2.5 | 2.2 |

| | | | | | |
|---|---|---|---|---|---|
| 009 | 10/10/2024 | 10:03:10 | 1.2 | 2.3 | 0.9 |
| 010 | 10/10/2024 | 10:18:10 | 0.9 | 1.5 | 1.1 |
| 011 | 10/10/2024 | 10:33:10 | 1.2 | 7.3 | 5.7 |
| 012 | 10/10/2024 | 10:48:10 | 11.4 | 59.4 | 8.8 |
| 013 | 10/10/2024 | 11:03:10 | 13.7 | 35.3 | 9.8 |
| 014 | 10/10/2024 | 11:18:10 | 9.7 | 21.8 | 11.9 |
| 015 | 10/10/2024 | 11:33:10 | 4.3 | 14.4 | 1.6 |
| 016 | 10/10/2024 | 11:48:10 | 1.9 | 3.2 | 2.3 |
| 017 | 10/10/2024 | 12:03:10 | 1.9 | 3.1 | 1.3 |
| 018 | 10/10/2024 | 12:18:10 | 1.2 | 2.1 | 1.2 |
| 019 | 10/10/2024 | 12:33:10 | 1.2 | 2.2 | 1.0 |
| 020 | 10/10/2024 | 12:48:10 | 1.0 | 1.5 | 0.8 |
| Peak | | | 13.7 | 59.4 | 11.9 |
| Min | | | 0.0 | 0.1 | 0.1 |
| Average | | | 2.6 | 8.1 | 2.5 |

**********

TWA/STEL

| Index | Date/Time | PID(ppm) (TWA) | PID(ppm) (STEL) |
|---|---|---|---|
| 001 | 10/10/2024 08:03:10 | 0.0 | 0.1 |
| 002 | 10/10/2024 08:18:10 | 0.0 | 0.3 |
| 003 | 10/10/2024 08:33:10 | 0.0 | 0.4 |
| 004 | 10/10/2024 08:48:10 | 0.0 | 0.5 |
| 005 | 10/10/2024 09:03:10 | 0.0 | 0.6 |
| 006 | 10/10/2024 09:18:10 | 0.0 | 0.6 |
| 007 | 10/10/2024 09:33:10 | 0.1 | 0.6 |
| 008 | 10/10/2024 09:48:10 | 0.1 | 2.5 |
| 009 | 10/10/2024 10:03:10 | 0.2 | 3.1 |
| 010 | 10/10/2024 10:18:10 | 0.2 | 2.0 |
| 011 | 10/10/2024 10:33:10 | 0.4 | 6.8 |
| 012 | 10/10/2024 10:48:10 | 0.6 | 14.5 |
| 013 | 10/10/2024 11:03:10 | 0.9 | 18.6 |
| 014 | 10/10/2024 11:18:10 | 1.3 | 21.7 |
| 015 | 10/10/2024 11:33:10 | 1.4 | 13.5 |
| 016 | 10/10/2024 11:48:10 | 1.4 | 3.9 |
| 017 | 10/10/2024 12:03:10 | 1.5 | 3.6 |
| 018 | 10/10/2024 12:18:10 | 1.5 | 2.5 |
| 019 | 10/10/2024 12:33:10 | 1.5 | 2.2 |
| 020 | 10/10/2024 12:48:10 | 1.6 | 1.8 |

# APPENDIX F

# PHOTOGRAPHIC LOGS

Appendix F
Photographic Log



Photo 1 – Northern property boundary prior to clearing; looking east.



Photo 2 – Northern property boundary after clearing; looking west.



Photo 3 – Shallow excavation along northern property boundary; looking west.



Photo 4 – Shallow excavation along northern property boundary; looking east.



Photo 5 – Shallow excavation along norther property boundary after backfilling; looking east.



Photo 6 – Shallow excavation along western property boundary after backfilling; looking west.



Photo 7 – Paint residuals on top of groundwater in lagoon excavation.



Photo 8 – Drums removed from lagoon excavation staged in lined containers prior to disposal.

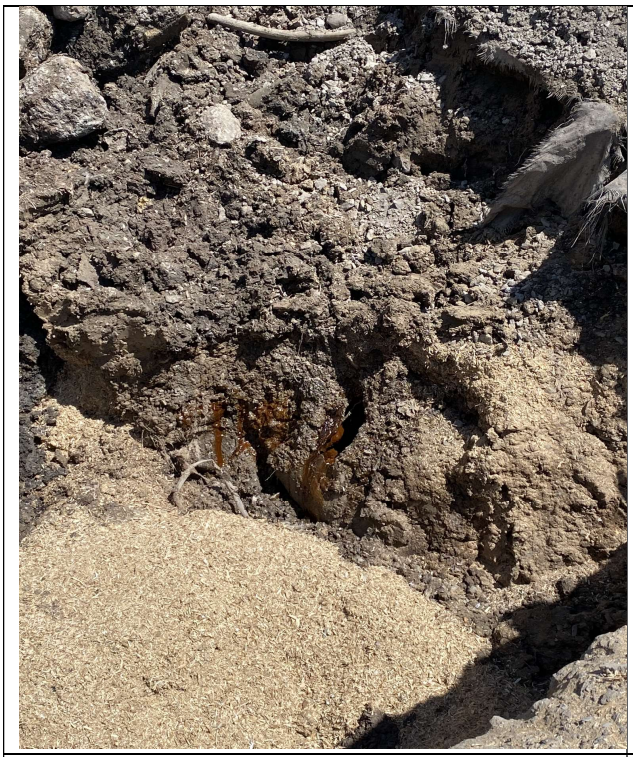


Photo 9 – Saw dust in excavation used to absorb paint waste liquids.




Photo 10 – Excavating to the north from the southern lagoon wall; looking west.

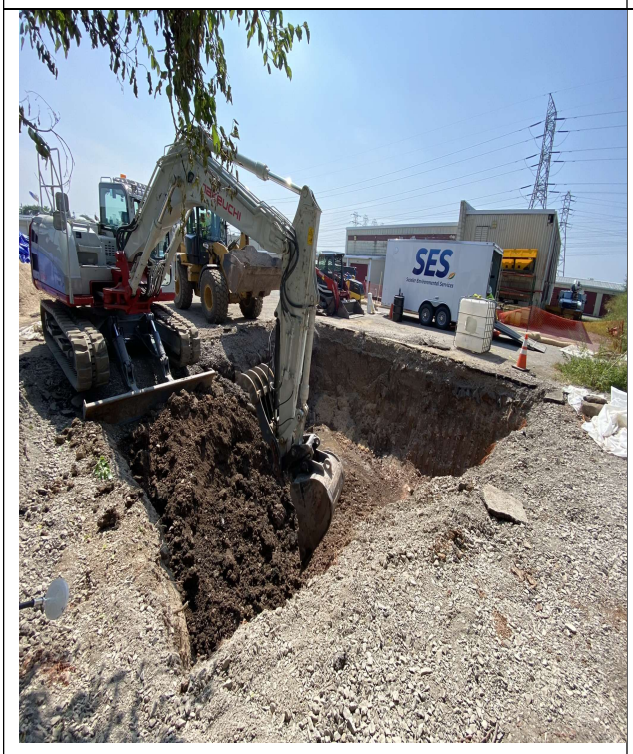



Photo 11 – Excavation in the northeast end of the former lagoon; looking southeast.



Photo 12 – looking north in lagoon excavation; dedicated bucket for handling paint residuals.



Photo 13 – Excavation in northeast corner of former lagoon; facing east.



Photo 14 – Paint waste residuals (grey material) in former lagoon excavation.




Photo 15 – Western and southern walls of excavation; facing south.



Photo 16 – Excavation in southeast corner of former lagoon; facing north.

| | |
|---|---|
|  |  |
| Photo 17 – Former lagoon excavation; facing east. | Photo 18 – Standing water in lagoon excavation after heavy rain events. |
|  |  |
| Photo 19 – 22,000 gallon Frac tank to stage rain runoff water pumped from excavation. | Photo 20 – Former lagoon trench; corrugated stormwater pipe prior to repair and abandoned pipe. |



Photo 21 – Backfilling lagoon and beginning of associated trench; facing west.



Photo 22 - Backfilled lagoon and beginning of trench; facing west.

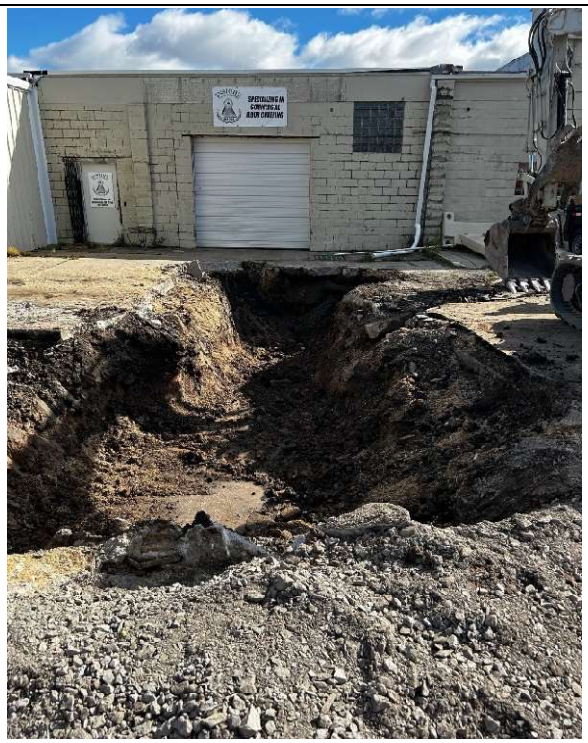


Photo 22 –End of trench excavation; facing east.

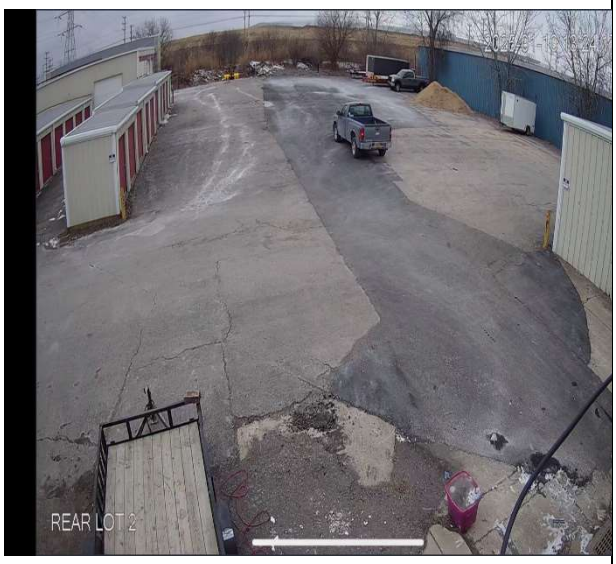



Photo 23 – Final asphalt cover of former lagoon and associated trench; facing west.

# APPENDIX G

# WASTE CHARACTERIZATION ANALYTICAL REPORTS

# ANALYTICAL REPORT

| | |
|---|---|
| Lab Number: | L2442339 |
| Client: | Leader Professional Services, Inc.<br>271 Marsh Road, Suite 2<br>Pittsford, NY 14534 |
| ATTN: | Bruce Ahrens |
| Phone: | (585) 248-2413 |
| Project Name: | BISONITE PAINT CO. |
| Project Number: | 100.002 |
| Report Date: | 08/06/24 |

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2442339
**Report Date:** 08/06/24

| Alpha Sample ID | Client ID | Matrix | Sample Location | Collection Date/Time | Receive Date |
|---|---|---|---|---|---|
| L2442339-01 | CEMENT-PIPE-WEST WALL | SOLID | 2266 MILITARY RD | 07/26/24 10:10 | 07/26/24 |
| L2442339-02 | LAGOON-LIQUID-01 | OIL | 2266 MILITARY RD | 07/26/24 11:35 | 07/26/24 |
| L2442339-03 | LAGOON-SW-W-07 | SOLID | 2266 MILITARY RD | 07/26/24 11:30 | 07/26/24 |

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2442339 |
| **Project Number:** | 100.002 | **Report Date:** | 08/06/24 |

## Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2442339 |
| **Project Number:** | 100.002 | **Report Date:** | 08/06/24 |

**Case Narrative (continued)**

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2442339-02: The sample was received in an inappropriate container for the TCL Volatiles - EPA 8260D analysis. An aliquot was taken from an unpreserved container and preserved appropriately.

L2442339-02: Due to the sample matrix, the analysis of Volatile Organics was performed instead of TCLP Volatiles.

Volatile Organics

L2442339-02D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L2442339-02D: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (177%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

Total Metals

L2442339-03: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative Date: 08/06/24

# ORGANICS

# VOLATILES

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2442339

**Project Number:** 100.002 **Report Date:** 08/06/24

## SAMPLE RESULTS

Lab ID: L2442339-01 Date Collected: 07/26/24 10:10

Client ID: CEMENT-PIPE-WEST WALL Date Received: 07/26/24

Sample Location: 2266 MILITARY RD Field Prep: Not Specified

Sample Depth:

Matrix: Solid

Analytical Method: 1,8260D

Analytical Date: 08/01/24 21:56

Analyst: LAC

Percent Solids: 68%

TCLP/SPLP Ext. Date: 07/31/24 09:24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **TCLP Volatiles by EPA 1311 - Westborough Lab** | | | | | | |
| Chloroform | ND | | ug/l | 7.5 | 2.2 | 10 |
| Carbon tetrachloride | ND | | ug/l | 5.0 | 1.3 | 10 |
| Tetrachloroethene | ND | | ug/l | 5.0 | 1.8 | 10 |
| Chlorobenzene | ND | | ug/l | 5.0 | 1.8 | 10 |
| 1,2-Dichloroethane | ND | | ug/l | 5.0 | 1.3 | 10 |
| Benzene | ND | | ug/l | 5.0 | 1.6 | 10 |
| Vinyl chloride | ND | | ug/l | 10 | 0.71 | 10 |
| 1,1-Dichloroethene | ND | | ug/l | 5.0 | 1.7 | 10 |
| Trichloroethene | ND | | ug/l | 5.0 | 1.8 | 10 |
| 1,4-Dichlorobenzene | ND | | ug/l | 25 | 1.9 | 10 |
| 2-Butanone | ND | | ug/l | 50 | 19. | 10 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 113 | | 70-130 |
| Toluene-d8 | 95 | | 70-130 |
| 4-Bromofluorobenzene | 92 | | 70-130 |
| dibromofluoromethane | 117 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2442339

**Project Number:** 100.002 **Report Date:** 08/06/24

## SAMPLE RESULTS

Lab ID: L2442339-02 D
Client ID: LAGOON-LIQUID-01
Sample Location: 2266 MILITARY RD

Date Collected: 07/26/24 11:35
Date Received: 07/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Oil
Analytical Method: 1,8260D
Analytical Date: 08/04/24 22:43
Analyst: JIC
Percent Solids: Results reported on an 'AS RECEIVED' basis.

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Chloroform | ND | | ug/kg | 36000 | 3400 | 50 |
| Carbon tetrachloride | ND | | ug/kg | 24000 | 5500 | 50 |
| Tetrachloroethene | ND | | ug/kg | 12000 | 4700 | 50 |
| Chlorobenzene | ND | | ug/kg | 12000 | 3000 | 50 |
| 1,2-Dichloroethane | ND | | ug/kg | 24000 | 6200 | 50 |
| Benzene | 7500 | J | ug/kg | 12000 | 4000 | 50 |
| Vinyl chloride | ND | | ug/kg | 24000 | 8000 | 50 |
| 1,1-Dichloroethene | ND | | ug/kg | 24000 | 5700 | 50 |
| Trichloroethene | ND | | ug/kg | 12000 | 3300 | 50 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 48000 | 4100 | 50 |
| 2-Butanone | 390000 | | ug/kg | 240000 | 53000 | 50 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 110 | | 70-130 |
| Toluene-d8 | 100 | | 70-130 |
| 4-Bromofluorobenzene | **177** | Q | 70-130 |
| Dibromofluoromethane | 103 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2442339

**Project Number:** 100.002 **Report Date:** 08/06/24

## SAMPLE RESULTS

Lab ID: L2442339-03 Date Collected: 07/26/24 11:30
Client ID: LAGOON-SW-W-07 Date Received: 07/26/24
Sample Location: 2266 MILITARY RD Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8260D
Analytical Date: 08/01/24 22:19
Analyst: LAC
Percent Solids: 88%
TCLP/SPLP Ext. Date: 07/31/24 09:24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **TCLP Volatiles by EPA 1311 - Westborough Lab** | | | | | | |
| Chloroform | ND | | ug/l | 7.5 | 2.2 | 10 |
| Carbon tetrachloride | ND | | ug/l | 5.0 | 1.3 | 10 |
| Tetrachloroethene | ND | | ug/l | 5.0 | 1.8 | 10 |
| Chlorobenzene | ND | | ug/l | 5.0 | 1.8 | 10 |
| 1,2-Dichloroethane | ND | | ug/l | 5.0 | 1.3 | 10 |
| Benzene | ND | | ug/l | 5.0 | 1.6 | 10 |
| Vinyl chloride | ND | | ug/l | 10 | 0.71 | 10 |
| 1,1-Dichloroethene | ND | | ug/l | 5.0 | 1.7 | 10 |
| Trichloroethene | ND | | ug/l | 5.0 | 1.8 | 10 |
| 1,4-Dichlorobenzene | ND | | ug/l | 25 | 1.9 | 10 |
| 2-Butanone | ND | | ug/l | 50 | 19. | 10 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 112 | | 70-130 |
| Toluene-d8 | 95 | | 70-130 |
| 4-Bromofluorobenzene | 89 | | 70-130 |
| dibromofluoromethane | 115 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2442339

**Project Number:** 100.002 **Report Date:** 08/06/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/01/24 17:19
Analyst: LAC
TCLP/SPLP Extraction Date: 07/31/24 09:24

Extraction Date: 07/31/24 09:24

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 01,03 Batch: WG1954503-5 | | | | | |
| Chloroform | ND | | ug/l | 7.5 | 2.2 |
| Carbon tetrachloride | ND | | ug/l | 5.0 | 1.3 |
| Tetrachloroethene | ND | | ug/l | 5.0 | 1.8 |
| Chlorobenzene | ND | | ug/l | 5.0 | 1.8 |
| 1,2-Dichloroethane | ND | | ug/l | 5.0 | 1.3 |
| Benzene | ND | | ug/l | 5.0 | 1.6 |
| Vinyl chloride | ND | | ug/l | 10 | 0.71 |
| 1,1-Dichloroethene | ND | | ug/l | 5.0 | 1.7 |
| Trichloroethene | ND | | ug/l | 5.0 | 1.8 |
| 1,4-Dichlorobenzene | ND | | ug/l | 25 | 1.9 |
| 2-Butanone | ND | | ug/l | 50 | 19. |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 105 | | 70-130 |
| Toluene-d8 | 96 | | 70-130 |
| 4-Bromofluorobenzene | 94 | | 70-130 |
| dibromofluoromethane | 108 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2442339

**Project Number:** 100.002 **Report Date:** 08/06/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/04/24 14:03
Analyst: AJK

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1955237-5 | | | | | |
| Chloroform | ND | | ug/kg | 750 | 70. |
| Carbon tetrachloride | ND | | ug/kg | 500 | 120 |
| Tetrachloroethene | ND | | ug/kg | 250 | 98. |
| Chlorobenzene | ND | | ug/kg | 250 | 64. |
| 1,2-Dichloroethane | ND | | ug/kg | 500 | 130 |
| Benzene | ND | | ug/kg | 250 | 83. |
| Vinyl chloride | ND | | ug/kg | 500 | 170 |
| 1,1-Dichloroethene | ND | | ug/kg | 500 | 120 |
| Trichloroethene | ND | | ug/kg | 250 | 68. |
| 1,4-Dichlorobenzene | ND | | ug/kg | 1000 | 86. |
| 2-Butanone | ND | | ug/kg | 5000 | 1100 |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 110 | | 70-130 |
| Toluene-d8 | 98 | | 70-130 |
| 4-Bromofluorobenzene | 91 | | 70-130 |
| Dibromofluoromethane | 106 | | 70-130 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2442339

**Report Date:** 08/06/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 01,03 Batch: WG1954503-3 WG1954503-4 | | | | | | | | |
| Chloroform | 99 | | 90 | | 70-130 | 10 | | 20 |
| Carbon tetrachloride | 100 | | 110 | | 63-132 | 10 | | 20 |
| Tetrachloroethene | 110 | | 110 | | 70-130 | 0 | | 20 |
| Chlorobenzene | 110 | | 110 | | 75-130 | 0 | | 25 |
| 1,2-Dichloroethane | 110 | | 110 | | 70-130 | 0 | | 20 |
| Benzene | 100 | | 100 | | 70-130 | 0 | | 25 |
| Vinyl chloride | 98 | | 99 | | 55-140 | 1 | | 20 |
| 1,1-Dichloroethene | 85 | | 87 | | 61-145 | 2 | | 25 |
| Trichloroethene | 100 | | 100 | | 70-130 | 0 | | 25 |
| 1,4-Dichlorobenzene | 100 | | 100 | | 70-130 | 0 | | 20 |
| 2-Butanone | 84 | | 94 | | 63-138 | 11 | | 20 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 105 | | 105 | | 70-130 |
| Toluene-d8 | 104 | | 103 | | 70-130 |
| 4-Bromofluorobenzene | 91 | | 90 | | 70-130 |
| dibromofluoromethane | 104 | | 103 | | 70-130 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2442339

**Report Date:** 08/06/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1955237-3 WG1955237-4 | | | | | | | | |
| Chloroform | 104 | | 100 | | 70-130 | 4 | | 30 |
| Carbon tetrachloride | 102 | | 101 | | 70-130 | 1 | | 30 |
| Tetrachloroethene | 103 | | 103 | | 70-130 | 0 | | 30 |
| Chlorobenzene | 99 | | 98 | | 70-130 | 1 | | 30 |
| 1,2-Dichloroethane | 108 | | 104 | | 70-130 | 4 | | 30 |
| Benzene | 100 | | 97 | | 70-130 | 3 | | 30 |
| Vinyl chloride | 75 | | 106 | | 67-130 | **34** | Q | 30 |
| 1,1-Dichloroethene | 103 | | 98 | | 65-135 | 5 | | 30 |
| Trichloroethene | 99 | | 96 | | 70-130 | 3 | | 30 |
| 1,4-Dichlorobenzene | 99 | | 98 | | 70-130 | 1 | | 30 |
| 2-Butanone | 92 | | 92 | | 70-130 | 0 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 110 | | 108 | | 70-130 |
| Toluene-d8 | 100 | | 99 | | 70-130 |
| 4-Bromofluorobenzene | 93 | | 89 | | 70-130 |
| Dibromofluoromethane | 104 | | 104 | | 70-130 |

# SEMIVOLATILES

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2442339

**Project Number:** 100.002 **Report Date:** 08/06/24

## SAMPLE RESULTS

Lab ID: L2442339-01
Client ID: CEMENT-PIPE-WEST WALL
Sample Location: 2266 MILITARY RD

Date Collected: 07/26/24 10:10
Date Received: 07/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8270E
Analytical Date: 08/05/24 19:59
Analyst: IM
Percent Solids: 68%
TCLP/SPLP Ext. Date: 08/01/24 23:04

Extraction Method: EPA 3510C
Extraction Date: 08/04/24 11:15

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **TCLP Semivolatiles by EPA 1311 - Westborough Lab** | | | | | | |
| Hexachlorobenzene | ND | | ug/l | 10 | 3.4 | 1 |
| 2,4-Dinitrotoluene | ND | | ug/l | 25 | 1.9 | 1 |
| Hexachlorobutadiene | ND | | ug/l | 10 | 3.0 | 1 |
| Hexachloroethane | ND | | ug/l | 10 | 2.2 | 1 |
| Nitrobenzene | ND | | ug/l | 10 | 3.3 | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/l | 25 | 2.5 | 1 |
| Pentachlorophenol | ND | | ug/l | 50 | 9.8 | 1 |
| 2-Methylphenol | ND | | ug/l | 25 | 5.5 | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/l | 25 | 2.8 | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/l | 25 | 1.9 | 1 |
| Pyridine | ND | | ug/l | 18 | 4.5 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 53 | | 21-120 |
| Phenol-d6 | 46 | | 10-120 |
| Nitrobenzene-d5 | 45 | | 23-120 |
| 2-Fluorobiphenyl | 51 | | 15-120 |
| 2,4,6-Tribromophenol | 40 | | 10-120 |
| 4-Terphenyl-d14 | 56 | | 33-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2442339

**Project Number:** 100.002 **Report Date:** 08/06/24

## SAMPLE RESULTS

Lab ID: L2442339-02
Client ID: LAGOON-LIQUID-01
Sample Location: 2266 MILITARY RD

Date Collected: 07/26/24 11:35
Date Received: 07/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Oil
Analytical Method: 1,8270E
Analytical Date: 08/06/24 13:46
Analyst: IM
Percent Solids: Results reported on an 'AS RECEIVED' basis.
TCLP/SPLP Ext. Date: 08/04/24 19:20

Extraction Method: EPA 3510C
Extraction Date: 08/05/24 12:58

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **TCLP Semivolatiles by EPA 1311 - Westborough Lab** | | | | | | |
| Hexachlorobenzene | ND | | ug/l | 10 | 3.4 | 1 |
| 2,4-Dinitrotoluene | ND | | ug/l | 25 | 1.9 | 1 |
| Hexachlorobutadiene | ND | | ug/l | 10 | 3.0 | 1 |
| Hexachloroethane | ND | | ug/l | 10 | 2.2 | 1 |
| Nitrobenzene | ND | | ug/l | 10 | 3.3 | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/l | 25 | 2.5 | 1 |
| Pentachlorophenol | ND | | ug/l | 50 | 9.8 | 1 |
| 2-Methylphenol | 31 | | ug/l | 25 | 5.5 | 1 |
| 3-Methylphenol/4-Methylphenol | 79 | | ug/l | 25 | 2.8 | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/l | 25 | 1.9 | 1 |
| Pyridine | ND | | ug/l | 18 | 4.5 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 84 | | 21-120 |
| Phenol-d6 | 82 | | 10-120 |
| Nitrobenzene-d5 | 90 | | 23-120 |
| 2-Fluorobiphenyl | 85 | | 15-120 |
| 2,4,6-Tribromophenol | 83 | | 10-120 |
| 4-Terphenyl-d14 | 93 | | 33-120 |

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2442339
**Project Number:** 100.002
**Report Date:** 08/06/24

## SAMPLE RESULTS

Lab ID: L2442339-03
Client ID: LAGOON-SW-W-07
Sample Location: 2266 MILITARY RD

Date Collected: 07/26/24 11:30
Date Received: 07/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8270E
Analytical Date: 08/05/24 20:22
Analyst: IM
Percent Solids: 88%
TCLP/SPLP Ext. Date: 08/03/24 22:25

Extraction Method: EPA 3510C
Extraction Date: 08/05/24 03:28

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **TCLP Semivolatiles by EPA 1311 - Westborough Lab** | | | | | | |
| Hexachlorobenzene | ND | | ug/l | 10 | 3.4 | 1 |
| 2,4-Dinitrotoluene | ND | | ug/l | 25 | 1.9 | 1 |
| Hexachlorobutadiene | ND | | ug/l | 10 | 3.0 | 1 |
| Hexachloroethane | ND | | ug/l | 10 | 2.2 | 1 |
| Nitrobenzene | ND | | ug/l | 10 | 3.3 | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/l | 25 | 2.5 | 1 |
| Pentachlorophenol | ND | | ug/l | 50 | 9.8 | 1 |
| 2-Methylphenol | ND | | ug/l | 25 | 5.5 | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/l | 25 | 2.8 | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/l | 25 | 1.9 | 1 |
| Pyridine | ND | | ug/l | 18 | 4.5 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 72 | | 21-120 |
| Phenol-d6 | 64 | | 10-120 |
| Nitrobenzene-d5 | 63 | | 23-120 |
| 2-Fluorobiphenyl | 75 | | 15-120 |
| 2,4,6-Tribromophenol | 47 | | 10-120 |
| 4-Terphenyl-d14 | 75 | | 33-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2442339

**Project Number:** 100.002 **Report Date:** 08/06/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/05/24 14:38
Analyst: IM
TCLP/SPLP Extraction Date: 08/01/24 23:04

Extraction Method: EPA 3510C
Extraction Date: 08/04/24 11:15

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1955096-1 | | | | | |
| Hexachlorobenzene | ND | | ug/l | 10 | 3.4 |
| 2,4-Dinitrotoluene | ND | | ug/l | 25 | 1.9 |
| Hexachlorobutadiene | ND | | ug/l | 10 | 3.0 |
| Hexachloroethane | ND | | ug/l | 10 | 2.2 |
| Nitrobenzene | ND | | ug/l | 10 | 3.3 |
| 2,4,6-Trichlorophenol | ND | | ug/l | 25 | 2.5 |
| Pentachlorophenol | ND | | ug/l | 50 | 9.8 |
| 2-Methylphenol | ND | | ug/l | 25 | 5.5 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/l | 25 | 2.8 |
| 2,4,5-Trichlorophenol | ND | | ug/l | 25 | 1.9 |
| Pyridine | ND | | ug/l | 18 | 4.5 |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 56 | | 21-120 |
| Phenol-d6 | 54 | | 10-120 |
| Nitrobenzene-d5 | 58 | | 23-120 |
| 2-Fluorobiphenyl | 54 | | 15-120 |
| 2,4,6-Tribromophenol | 62 | | 10-120 |
| 4-Terphenyl-d14 | 61 | | 33-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2442339

**Project Number:** 100.002 **Report Date:** 08/06/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/05/24 15:01
Analyst: IM
TCLP/SPLP Extraction Date: 08/03/24 22:25

Extraction Method: EPA 3510C
Extraction Date: 08/05/24 03:28

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 03 Batch: WG1955181-1 | | | | | |
| Hexachlorobenzene | ND | | ug/l | 10 | 3.4 |
| 2,4-Dinitrotoluene | ND | | ug/l | 25 | 1.9 |
| Hexachlorobutadiene | ND | | ug/l | 10 | 3.0 |
| Hexachloroethane | ND | | ug/l | 10 | 2.2 |
| Nitrobenzene | ND | | ug/l | 10 | 3.3 |
| 2,4,6-Trichlorophenol | ND | | ug/l | 25 | 2.5 |
| Pentachlorophenol | ND | | ug/l | 50 | 9.8 |
| 2-Methylphenol | ND | | ug/l | 25 | 5.5 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/l | 25 | 2.8 |
| 2,4,5-Trichlorophenol | ND | | ug/l | 25 | 1.9 |
| Pyridine | ND | | ug/l | 18 | 4.5 |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 74 | | 21-120 |
| Phenol-d6 | 68 | | 10-120 |
| Nitrobenzene-d5 | 72 | | 23-120 |
| 2-Fluorobiphenyl | 74 | | 15-120 |
| 2,4,6-Tribromophenol | 79 | | 10-120 |
| 4-Terphenyl-d14 | 77 | | 33-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2442339

**Project Number:** 100.002 **Report Date:** 08/06/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/06/24 12:34
Analyst: IM
TCLP/SPLP Extraction Date: 08/04/24 06:08

Extraction Method: EPA 3510C
Extraction Date: 08/05/24 12:58

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 02 Batch: WG1955462-1 | | | | | |
| Hexachlorobenzene | ND | | ug/l | 10 | 3.4 |
| 2,4-Dinitrotoluene | ND | | ug/l | 25 | 1.9 |
| Hexachlorobutadiene | ND | | ug/l | 10 | 3.0 |
| Hexachloroethane | ND | | ug/l | 10 | 2.2 |
| Nitrobenzene | ND | | ug/l | 10 | 3.3 |
| 2,4,6-Trichlorophenol | ND | | ug/l | 25 | 2.5 |
| Pentachlorophenol | ND | | ug/l | 50 | 9.8 |
| 2-Methylphenol | ND | | ug/l | 25 | 5.5 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/l | 25 | 2.8 |
| 2,4,5-Trichlorophenol | ND | | ug/l | 25 | 1.9 |
| Pyridine | ND | | ug/l | 18 | 4.5 |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 89 | | 21-120 |
| Phenol-d6 | 84 | | 10-120 |
| Nitrobenzene-d5 | 89 | | 23-120 |
| 2-Fluorobiphenyl | 85 | | 15-120 |
| 2,4,6-Tribromophenol | 96 | | 10-120 |
| 4-Terphenyl-d14 | 101 | | 33-120 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2442339
**Report Date:** 08/06/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1955096-2 WG1955096-3 | | | | | | | | |
| Hexachlorobenzene | 74 | | 61 | | 40-140 | 19 | | 30 |
| 2,4-Dinitrotoluene | 88 | | 70 | | 40-132 | 23 | | 30 |
| Hexachlorobutadiene | 44 | | 41 | | 28-111 | 7 | | 30 |
| Hexachloroethane | 43 | | 39 | | 21-105 | 10 | | 30 |
| Nitrobenzene | 73 | | 60 | | 40-140 | 20 | | 30 |
| 2,4,6-Trichlorophenol | 79 | | 63 | | 30-130 | 23 | | 30 |
| Pentachlorophenol | 81 | | 65 | | 9-103 | 22 | | 30 |
| 2-Methylphenol | 74 | | 62 | | 30-130 | 18 | | 30 |
| 3-Methylphenol/4-Methylphenol | 76 | | 61 | | 30-130 | 22 | | 30 |
| 2,4,5-Trichlorophenol | 81 | | 67 | | 30-130 | 19 | | 30 |
| Pyridine | 14 | | 12 | | 10-66 | 15 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 2-Fluorophenol | 73 | | 59 | | 21-120 |
| Phenol-d6 | 69 | | 56 | | 10-120 |
| Nitrobenzene-d5 | 72 | | 59 | | 23-120 |
| 2-Fluorobiphenyl | 70 | | 57 | | 15-120 |
| 2,4,6-Tribromophenol | 81 | | 65 | | 10-120 |
| 4-Terphenyl-d14 | 76 | | 60 | | 33-120 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2442339

**Report Date:** 08/06/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 03 Batch: WG1955181-2 WG1955181-3 | | | | | | | | |
| Hexachlorobenzene | 64 | | 69 | | 40-140 | 8 | | 30 |
| 2,4-Dinitrotoluene | 75 | | 80 | | 40-132 | 6 | | 30 |
| Hexachlorobutadiene | 60 | | 68 | | 28-111 | 13 | | 30 |
| Hexachloroethane | 62 | | 68 | | 21-105 | 9 | | 30 |
| Nitrobenzene | 64 | | 70 | | 40-140 | 9 | | 30 |
| 2,4,6-Trichlorophenol | 65 | | 72 | | 30-130 | 10 | | 30 |
| Pentachlorophenol | 67 | | 72 | | 9-103 | 7 | | 30 |
| 2-Methylphenol | 64 | | 70 | | 30-130 | 9 | | 30 |
| 3-Methylphenol/4-Methylphenol | 65 | | 70 | | 30-130 | 7 | | 30 |
| 2,4,5-Trichlorophenol | 70 | | 75 | | 30-130 | 7 | | 30 |
| Pyridine | 13 | | 13 | | 10-66 | 0 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 2-Fluorophenol | 61 | | 68 | | 21-120 |
| Phenol-d6 | 59 | | 64 | | 10-120 |
| Nitrobenzene-d5 | 63 | | 68 | | 23-120 |
| 2-Fluorobiphenyl | 61 | | 66 | | 15-120 |
| 2,4,6-Tribromophenol | 68 | | 72 | | 10-120 |
| 4-Terphenyl-d14 | 65 | | 69 | | 33-120 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2442339

**Report Date:** 08/06/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 02 Batch: WG1955462-2 WG1955462-3 | | | | | | | | |
| Hexachlorobenzene | 77 | | 81 | | 40-140 | 5 | | 30 |
| 2,4-Dinitrotoluene | 80 | | 86 | | 40-132 | 7 | | 30 |
| Hexachlorobutadiene | 72 | | 74 | | 28-111 | 3 | | 30 |
| Hexachloroethane | 64 | | 65 | | 21-105 | 2 | | 30 |
| Nitrobenzene | 71 | | 72 | | 40-140 | 1 | | 30 |
| 2,4,6-Trichlorophenol | 83 | | 88 | | 30-130 | 6 | | 30 |
| Pentachlorophenol | 70 | | 75 | | 9-103 | 7 | | 30 |
| 2-Methylphenol | 72 | | 75 | | 30-130 | 4 | | 30 |
| 3-Methylphenol/4-Methylphenol | 72 | | 76 | | 30-130 | 5 | | 30 |
| 2,4,5-Trichlorophenol | 85 | | 91 | | 30-130 | 7 | | 30 |
| Pyridine | 26 | | 30 | | 10-66 | 14 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 2-Fluorophenol | 71 | | 74 | | 21-120 |
| Phenol-d6 | 69 | | 72 | | 10-120 |
| Nitrobenzene-d5 | 72 | | 76 | | 23-120 |
| 2-Fluorobiphenyl | 72 | | 76 | | 15-120 |
| 2,4,6-Tribromophenol | 81 | | 86 | | 10-120 |
| 4-Terphenyl-d14 | 76 | | 82 | | 33-120 |

# PCBS

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2442339

**Project Number:** 100.002 **Report Date:** 08/06/24

## SAMPLE RESULTS

Lab ID: L2442339-01 D
Client ID: CEMENT-PIPE-WEST WALL
Sample Location: 2266 MILITARY RD

Date Collected: 07/26/24 10:10
Date Received: 07/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8082A
Analytical Date: 08/02/24 13:10
Analyst: MHG
Percent Solids: 68%

Extraction Method: EPA 3540C
Extraction Date: 07/31/24 14:45
Cleanup Method: EPA 3665A
Cleanup Date: 08/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/02/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 645 | 57.2 | 5 | A |
| Aroclor 1221 | ND | | ug/kg | 645 | 64.6 | 5 | A |
| Aroclor 1232 | ND | | ug/kg | 645 | 137. | 5 | A |
| Aroclor 1242 | ND | | ug/kg | 645 | 86.9 | 5 | A |
| Aroclor 1248 | 8430 | | ug/kg | 645 | 96.7 | 5 | B |
| Aroclor 1254 | ND | | ug/kg | 645 | 70.5 | 5 | A |
| Aroclor 1260 | ND | | ug/kg | 645 | 119. | 5 | A |
| Aroclor 1262 | ND | | ug/kg | 645 | 81.9 | 5 | A |
| Aroclor 1268 | ND | | ug/kg | 645 | 66.8 | 5 | A |
| PCBs, Total | 8430 | | ug/kg | 645 | 57.2 | 5 | B |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 87 | | 30-150 | A |
| Decachlorobiphenyl | 117 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 87 | | 30-150 | B |
| Decachlorobiphenyl | **164** | Q | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2442339

**Project Number:** 100.002 **Report Date:** 08/06/24

## SAMPLE RESULTS

Lab ID: L2442339-02
Client ID: LAGOON-LIQUID-01
Sample Location: 2266 MILITARY RD

Date Collected: 07/26/24 11:35
Date Received: 07/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Oil
Analytical Method: 1,8082A
Analytical Date: 08/01/24 13:49
Analyst: MHG
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Extraction Method: EPA 3580A
Extraction Date: 07/30/24 15:35
Cleanup Method: EPA 3665A
Cleanup Date: 08/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/01/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | mg/kg | 4.90 | 0.435 | 1 | A |
| Aroclor 1221 | ND | | mg/kg | 4.90 | 0.490 | 1 | A |
| Aroclor 1232 | ND | | mg/kg | 4.90 | 1.04 | 1 | A |
| Aroclor 1242 | ND | | mg/kg | 4.90 | 0.660 | 1 | A |
| Aroclor 1248 | ND | | mg/kg | 4.90 | 0.734 | 1 | A |
| Aroclor 1254 | ND | | mg/kg | 4.90 | 0.536 | 1 | A |
| Aroclor 1260 | ND | | mg/kg | 4.90 | 0.905 | 1 | A |
| Aroclor 1262 | ND | | mg/kg | 4.90 | 0.622 | 1 | A |
| Aroclor 1268 | ND | | mg/kg | 4.90 | 0.507 | 1 | A |
| PCBs, Total | ND | | mg/kg | 4.90 | 0.435 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 80 | | 30-150 | A |
| Decachlorobiphenyl | 80 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 80 | | 30-150 | B |
| Decachlorobiphenyl | 74 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2442339
**Project Number:** 100.002
**Report Date:** 08/06/24

## SAMPLE RESULTS

Lab ID: L2442339-03
Client ID: LAGOON-SW-W-07
Sample Location: 2266 MILITARY RD

Date Collected: 07/26/24 11:30
Date Received: 07/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8082A
Analytical Date: 08/02/24 11:23
Analyst: MHG
Percent Solids: 88%

Extraction Method: EPA 3540C
Extraction Date: 07/31/24 14:45
Cleanup Method: EPA 3665A
Cleanup Date: 08/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/02/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 98.6 | 8.76 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 98.6 | 9.88 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 98.6 | 20.9 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 98.6 | 13.3 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 98.6 | 14.8 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 98.6 | 10.8 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 98.6 | 18.2 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 98.6 | 12.5 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 98.6 | 10.2 | 1 | A |
| PCBs, Total | ND | | ug/kg | 98.6 | 8.76 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 82 | | 30-150 | A |
| Decachlorobiphenyl | 94 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 78 | | 30-150 | B |
| Decachlorobiphenyl | 113 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2442339
**Report Date:** 08/06/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 08/01/24 13:25
Analyst: MHG

Extraction Method: EPA 3580A
Extraction Date: 07/30/24 15:35
Cleanup Method: EPA 3665A
Cleanup Date: 08/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/01/24

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02 Batch: WG1953318-1 | | | | | | |
| Aroclor 1016 | ND | | mg/kg | 4.18 | 0.371 | A |
| Aroclor 1221 | ND | | mg/kg | 4.18 | 0.418 | A |
| Aroclor 1232 | ND | | mg/kg | 4.18 | 0.886 | A |
| Aroclor 1242 | ND | | mg/kg | 4.18 | 0.563 | A |
| Aroclor 1248 | ND | | mg/kg | 4.18 | 0.626 | A |
| Aroclor 1254 | ND | | mg/kg | 4.18 | 0.457 | A |
| Aroclor 1260 | ND | | mg/kg | 4.18 | 0.772 | A |
| Aroclor 1262 | ND | | mg/kg | 4.18 | 0.530 | A |
| Aroclor 1268 | ND | | mg/kg | 4.18 | 0.433 | A |
| PCBs, Total | ND | | mg/kg | 4.18 | 0.371 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 75 | | 30-150 | A |
| Decachlorobiphenyl | 90 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 76 | | 30-150 | B |
| Decachlorobiphenyl | 76 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2442339
**Report Date:** 08/06/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 08/02/24 10:43
Analyst: MHG

Extraction Method: EPA 3540C
Extraction Date: 08/01/24 13:30
Cleanup Method: EPA 3665A
Cleanup Date: 08/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/02/24

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03 Batch: WG1953825-1 | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 99.8 | 8.86 | A |
| Aroclor 1221 | ND | | ug/kg | 99.8 | 10.0 | A |
| Aroclor 1232 | ND | | ug/kg | 99.8 | 21.2 | A |
| Aroclor 1242 | ND | | ug/kg | 99.8 | 13.4 | A |
| Aroclor 1248 | ND | | ug/kg | 99.8 | 15.0 | A |
| Aroclor 1254 | ND | | ug/kg | 99.8 | 10.9 | A |
| Aroclor 1260 | ND | | ug/kg | 99.8 | 18.4 | A |
| Aroclor 1262 | ND | | ug/kg | 99.8 | 12.7 | A |
| Aroclor 1268 | ND | | ug/kg | 99.8 | 10.3 | A |
| PCBs, Total | ND | | ug/kg | 99.8 | 8.86 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 82 | | 30-150 | A |
| Decachlorobiphenyl | 100 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 79 | | 30-150 | B |
| Decachlorobiphenyl | 115 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2442339

**Report Date:** 08/06/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02 Batch: WG1953318-2 WG1953318-3 | | | | | | | | | |
| Aroclor 1016 | 78 | | 87 | | 40-140 | 11 | | 50 | A |
| Aroclor 1260 | 71 | | 79 | | 40-140 | 11 | | 50 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 71 | | 81 | | 30-150 | A |
| Decachlorobiphenyl | 84 | | 104 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 69 | | 80 | | 30-150 | B |
| Decachlorobiphenyl | 72 | | 83 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2442339

**Report Date:** 08/06/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03 Batch: WG1953825-2 WG1953825-3 | | | | | | | | | |
| Aroclor 1016 | 91 | | 93 | | 40-140 | 2 | | 50 | A |
| Aroclor 1260 | 89 | | 92 | | 40-140 | 3 | | 50 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 88 | | 92 | | 30-150 | A |
| Decachlorobiphenyl | 100 | | 106 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 83 | | 87 | | 30-150 | B |
| Decachlorobiphenyl | 115 | | 128 | | 30-150 | B |

# PESTICIDES

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2442339
**Project Number:** 100.002
**Report Date:** 08/06/24

## SAMPLE RESULTS

Lab ID: L2442339-03
Client ID: LAGOON-SW-W-07
Sample Location: 2266 MILITARY RD

Date Collected: 07/26/24 11:30
Date Received: 07/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8081B
Analytical Date: 08/02/24 16:32
Analyst: JAG
Percent Solids: 88%

Extraction Method: EPA 3540C
Extraction Date: 08/01/24 14:55
Cleanup Method: EPA 3620B
Cleanup Date: 08/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/02/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 5.28 | 1.03 | 1 | A |
| Lindane | ND | | ug/kg | 2.20 | 0.983 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 2.20 | 0.624 | 1 | A |
| Beta-BHC | ND | | ug/kg | 5.28 | 2.00 | 1 | A |
| Heptachlor | ND | | ug/kg | 2.64 | 1.18 | 1 | A |
| Aldrin | ND | | ug/kg | 5.28 | 1.86 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 9.90 | 2.97 | 1 | A |
| Endrin | ND | | ug/kg | 2.20 | 0.902 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 6.60 | 2.31 | 1 | A |
| Endrin ketone | ND | | ug/kg | 5.28 | 1.36 | 1 | A |
| Dieldrin | ND | | ug/kg | 3.30 | 1.65 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 5.28 | 1.22 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 5.28 | 1.88 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 5.28 | 4.24 | 1 | A |
| Endosulfan I | ND | | ug/kg | 5.28 | 1.25 | 1 | A |
| Endosulfan II | ND | | ug/kg | 5.28 | 1.76 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 2.20 | 1.05 | 1 | A |
| Methoxychlor | ND | | ug/kg | 9.90 | 3.08 | 1 | A |
| Toxaphene | ND | | ug/kg | 99.0 | 27.7 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 6.60 | 1.84 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 6.60 | 1.74 | 1 | A |
| Chlordane | ND | | ug/kg | 44.0 | 17.5 | 1 | A |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2442339

**Project Number:** 100.002 **Report Date:** 08/06/24

## SAMPLE RESULTS

Lab ID: L2442339-03 Date Collected: 07/26/24 11:30

Client ID: LAGOON-SW-W-07 Date Received: 07/26/24

Sample Location: 2266 MILITARY RD Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 88 | | 30-150 | A |
| Decachlorobiphenyl | 86 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 78 | | 30-150 | B |
| Decachlorobiphenyl | 99 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2442339
**Project Number:** 100.002
**Report Date:** 08/06/24

## SAMPLE RESULTS

Lab ID: L2442339-03
Client ID: LAGOON-SW-W-07
Sample Location: 2266 MILITARY RD

Date Collected: 07/26/24 11:30
Date Received: 07/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8151A
Analytical Date: 08/06/24 17:41
Analyst: JAG
Percent Solids: 88%
Methylation Date: 08/06/24 07:59

Extraction Method: EPA 8151A
Extraction Date: 08/05/24 12:57

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 187 | 11.8 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 187 | 5.80 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 187 | 4.97 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 97 | | 30-150 | A |
| DCAA | 87 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2442339
**Report Date:** 08/06/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 08/02/24 15:55
Analyst: JAG

Extraction Method: EPA 3540C
Extraction Date: 08/01/24 14:55
Cleanup Method: EPA 3620B
Cleanup Date: 08/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/02/24

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03 Batch: WG1954292-1 | | | | | | |
| Delta-BHC | ND | | ug/kg | 4.02 | 0.787 | A |
| Lindane | ND | | ug/kg | 1.68 | 0.749 | A |
| Alpha-BHC | ND | | ug/kg | 1.68 | 0.476 | A |
| Beta-BHC | ND | | ug/kg | 4.02 | 1.52 | A |
| Heptachlor | ND | | ug/kg | 2.01 | 0.901 | A |
| Aldrin | ND | | ug/kg | 4.02 | 1.42 | A |
| Heptachlor epoxide | ND | | ug/kg | 7.54 | 2.26 | A |
| Endrin | ND | | ug/kg | 1.68 | 0.687 | A |
| Endrin aldehyde | ND | | ug/kg | 5.02 | 1.76 | A |
| Endrin ketone | ND | | ug/kg | 4.02 | 1.04 | A |
| Dieldrin | ND | | ug/kg | 2.51 | 1.26 | A |
| 4,4'-DDE | ND | | ug/kg | 4.02 | 0.930 | A |
| 4,4'-DDD | ND | | ug/kg | 4.02 | 1.43 | A |
| 4,4'-DDT | ND | | ug/kg | 4.02 | 3.23 | A |
| Endosulfan I | ND | | ug/kg | 4.02 | 0.950 | A |
| Endosulfan II | ND | | ug/kg | 4.02 | 1.34 | A |
| Endosulfan sulfate | ND | | ug/kg | 1.68 | 0.797 | A |
| Methoxychlor | ND | | ug/kg | 7.54 | 2.34 | A |
| Toxaphene | ND | | ug/kg | 75.4 | 21.1 | A |
| cis-Chlordane | ND | | ug/kg | 5.02 | 1.40 | A |
| trans-Chlordane | ND | | ug/kg | 5.02 | 1.33 | A |
| Chlordane | ND | | ug/kg | 33.5 | 13.3 | A |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002
**Lab Number:** L2442339
**Report Date:** 08/06/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 08/02/24 15:55
Analyst: JAG

Extraction Method: EPA 3540C
Extraction Date: 08/01/24 14:55
Cleanup Method: EPA 3620B
Cleanup Date: 08/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/02/24

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03 Batch: WG1954292-1 | | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 92 | | 30-150 | A |
| Decachlorobiphenyl | 95 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 82 | | 30-150 | B |
| Decachlorobiphenyl | 111 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2442339
**Report Date:** 08/06/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 08/06/24 13:23
Analyst: JAG

Extraction Method: EPA 8151A
Extraction Date: 08/05/24 12:57

Methylation Date: 08/06/24 07:59

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Chlorinated Herbicides by GC - Westborough Lab for sample(s): 03 Batch: WG1955458-1 | | | | | | |
| 2,4-D | ND | | ug/kg | 164 | 10.3 | A |
| 2,4,5-T | ND | | ug/kg | 164 | 5.09 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 164 | 4.37 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 109 | | 30-150 | A |
| DCAA | 117 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2442339

**Report Date:** 08/06/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03 Batch: WG1954292-2 WG1954292-3 | | | | | | | | | |
| Delta-BHC | 93 | | 89 | | 30-150 | 4 | | 30 | A |
| Lindane | 84 | | 81 | | 30-150 | 4 | | 30 | A |
| Alpha-BHC | 88 | | 85 | | 30-150 | 3 | | 30 | A |
| Beta-BHC | 106 | | 103 | | 30-150 | 3 | | 30 | A |
| Heptachlor | 88 | | 85 | | 30-150 | 3 | | 30 | A |
| Aldrin | 89 | | 86 | | 30-150 | 3 | | 30 | A |
| Heptachlor epoxide | 86 | | 83 | | 30-150 | 4 | | 30 | A |
| Endrin | 97 | | 94 | | 30-150 | 3 | | 30 | A |
| Endrin aldehyde | 95 | | 93 | | 30-150 | 2 | | 30 | A |
| Endrin ketone | 99 | | 96 | | 30-150 | 3 | | 30 | A |
| Dieldrin | 101 | | 97 | | 30-150 | 4 | | 30 | A |
| 4,4'-DDE | 99 | | 94 | | 30-150 | 5 | | 30 | A |
| 4,4'-DDD | 102 | | 98 | | 30-150 | 4 | | 30 | A |
| 4,4'-DDT | 110 | | 109 | | 30-150 | 1 | | 30 | A |
| Endosulfan I | 97 | | 90 | | 30-150 | 7 | | 30 | A |
| Endosulfan II | 96 | | 93 | | 30-150 | 3 | | 30 | A |
| Endosulfan sulfate | 109 | | 106 | | 30-150 | 3 | | 30 | A |
| Methoxychlor | 119 | | 115 | | 30-150 | 3 | | 30 | A |
| cis-Chlordane | 107 | | 101 | | 30-150 | 6 | | 30 | A |
| trans-Chlordane | 113 | | 109 | | 30-150 | 4 | | 30 | A |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2442339

**Report Date:** 08/06/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03 Batch: WG1954292-2 WG1954292-3 | | | | | | | | |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 94 | | 90 | | 30-150 | A |
| Decachlorobiphenyl | 101 | | 97 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 82 | | 80 | | 30-150 | B |
| Decachlorobiphenyl | 113 | | 110 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2442339

**Report Date:** 08/06/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 03 Batch: WG1955458-2 WG1955458-3 | | | | | | | | | |
| 2,4-D | 103 | | 116 | | 30-150 | 12 | | 30 | A |
| 2,4,5-T | 107 | | 124 | | 30-150 | 15 | | 30 | A |
| 2,4,5-TP (Silvex) | 95 | | 113 | | 30-150 | 17 | | 30 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| DCAA | 94 | | 106 | | 30-150 | A |
| DCAA | 110 | | 122 | | 30-150 | B |

# METALS

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2442339

**Project Number:** 100.002 **Report Date:** 08/06/24

## SAMPLE RESULTS

Lab ID: L2442339-03 Date Collected: 07/26/24 11:30

Client ID: LAGOON-SW-W-07 Date Received: 07/26/24

Sample Location: 2266 MILITARY RD Field Prep: Not Specified

Sample Depth:

Matrix: Solid

Percent Solids: 88%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 8360 | | mg/kg | 8.70 | 2.35 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Antimony, Total | ND | | mg/kg | 4.35 | 0.330 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Arsenic, Total | 3.90 | | mg/kg | 0.870 | 0.181 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Barium, Total | 106 | | mg/kg | 0.870 | 0.151 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Beryllium, Total | 0.452 | | mg/kg | 0.435 | 0.029 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Cadmium, Total | 0.168 | J | mg/kg | 0.870 | 0.085 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Calcium, Total | 62600 | | mg/kg | 8.70 | 3.04 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Chromium, Total | 13.7 | | mg/kg | 0.870 | 0.084 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Cobalt, Total | 7.34 | | mg/kg | 1.74 | 0.144 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Copper, Total | 32.5 | | mg/kg | 0.870 | 0.224 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Iron, Total | 17200 | | mg/kg | 4.35 | 0.785 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Lead, Total | 19.9 | | mg/kg | 4.35 | 0.233 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Magnesium, Total | 18300 | | mg/kg | 8.70 | 1.34 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Manganese, Total | 538 | | mg/kg | 0.870 | 0.138 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Mercury, Total | ND | | mg/kg | 0.073 | 0.047 | 1 | 07/30/24 11:30 | 08/01/24 18:25 | EPA 7471B | 1,7471B | MJR |
| Nickel, Total | 17.5 | | mg/kg | 2.17 | 0.210 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Potassium, Total | 1000 | | mg/kg | 217 | 12.5 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Selenium, Total | ND | | mg/kg | 1.74 | 0.224 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Silver, Total | ND | | mg/kg | 0.435 | 0.246 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Sodium, Total | 127 | J | mg/kg | 174 | 2.74 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Thallium, Total | ND | | mg/kg | 1.74 | 0.274 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Vanadium, Total | 20.6 | | mg/kg | 0.870 | 0.176 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Zinc, Total | 69.9 | | mg/kg | 4.35 | 0.255 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2442339

**Project Number:** 100.002 **Report Date:** 08/06/24

# Method Blank Analysis
# Batch Quality Control

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab for sample(s): 03 Batch: WG1952973-1 | | | | | | | | | | |
| Aluminum, Total | ND | | mg/kg | 4.00 | 1.08 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Antimony, Total | ND | | mg/kg | 2.00 | 0.152 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Arsenic, Total | ND | | mg/kg | 0.400 | 0.083 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Barium, Total | ND | | mg/kg | 0.400 | 0.070 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Beryllium, Total | ND | | mg/kg | 0.200 | 0.013 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Cadmium, Total | ND | | mg/kg | 0.400 | 0.039 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Calcium, Total | ND | | mg/kg | 4.00 | 1.40 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Chromium, Total | ND | | mg/kg | 0.400 | 0.038 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Cobalt, Total | ND | | mg/kg | 0.800 | 0.066 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Copper, Total | 0.130 | J | mg/kg | 0.400 | 0.103 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Iron, Total | 0.816 | J | mg/kg | 2.00 | 0.361 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Lead, Total | ND | | mg/kg | 2.00 | 0.107 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Magnesium, Total | ND | | mg/kg | 4.00 | 0.616 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Manganese, Total | ND | | mg/kg | 0.400 | 0.064 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Nickel, Total | ND | | mg/kg | 1.00 | 0.097 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Potassium, Total | ND | | mg/kg | 100 | 5.76 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Selenium, Total | ND | | mg/kg | 0.800 | 0.103 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Silver, Total | ND | | mg/kg | 0.200 | 0.113 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Sodium, Total | ND | | mg/kg | 80.0 | 1.26 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Thallium, Total | ND | | mg/kg | 0.800 | 0.126 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Vanadium, Total | ND | | mg/kg | 0.400 | 0.081 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Zinc, Total | ND | | mg/kg | 2.00 | 0.117 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |

**Prep Information**

Digestion Method: EPA 3050B

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab for sample(s): 03 Batch: WG1952977-1 | | | | | | | | | | |
| Mercury, Total | ND | | mg/kg | 0.083 | 0.054 | 1 | 07/30/24 11:30 | 08/01/24 17:43 | 1,7471B | MJR |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002
**Lab Number:** L2442339
**Report Date:** 08/06/24

# Method Blank Analysis
# Batch Quality Control

**Prep Information**

Digestion Method: EPA 7471B

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2442339

**Report Date:** 08/06/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 03 Batch: WG1952973-2 | | | | | | | | |
| Aluminum, Total | 105 | | - | | 80-120 | - | | |
| Antimony, Total | 108 | | - | | 80-120 | - | | |
| Arsenic, Total | 101 | | - | | 80-120 | - | | |
| Barium, Total | 105 | | - | | 80-120 | - | | |
| Beryllium, Total | 109 | | - | | 80-120 | - | | |
| Cadmium, Total | 108 | | - | | 80-120 | - | | |
| Calcium, Total | 108 | | - | | 80-120 | - | | |
| Chromium, Total | 107 | | - | | 80-120 | - | | |
| Cobalt, Total | 109 | | - | | 80-120 | - | | |
| Copper, Total | 111 | | - | | 80-120 | - | | |
| Iron, Total | 109 | | - | | 80-120 | - | | |
| Lead, Total | 104 | | - | | 80-120 | - | | |
| Magnesium, Total | 107 | | - | | 80-120 | - | | |
| Manganese, Total | 107 | | - | | 80-120 | - | | |
| Nickel, Total | 110 | | - | | 80-120 | - | | |
| Potassium, Total | 107 | | - | | 80-120 | - | | |
| Selenium, Total | 105 | | - | | 80-120 | - | | |
| Silver, Total | 106 | | - | | 80-120 | - | | |
| Sodium, Total | 111 | | - | | 80-120 | - | | |
| Thallium, Total | 102 | | - | | 80-120 | - | | |
| Vanadium, Total | 111 | | - | | 80-120 | - | | |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2442339

**Report Date:** 08/06/24

| Parameter | LCS %Recovery | LCSD %Recovery | %Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 03 Batch: WG1952973-2 | | | | | |
| Zinc, Total | 110 | - | 80-120 | - | |
| Total Metals - Mansfield Lab Associated sample(s): 03 Batch: WG1952977-2 | | | | | |
| Mercury, Total | 83 | - | 80-120 | - | |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2442339
**Report Date:** 08/06/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1952973-3 QC Sample: L2442181-01 Client ID: MS Sample | | | | | | | | | | | | |
| Aluminum, Total | 5450 | 168 | 6240 | **469** | Q | - | - | | 75-125 | - | | 20 |
| Antimony, Total | 1.03J | 42.1 | 33.9 | 80 | | - | - | | 75-125 | - | | 20 |
| Arsenic, Total | 13.2 | 10.1 | 23.3 | 100 | | - | - | | 75-125 | - | | 20 |
| Barium, Total | 85.8 | 168 | 248 | 96 | | - | - | | 75-125 | - | | 20 |
| Beryllium, Total | 0.640 | 4.21 | 4.91 | 101 | | - | - | | 75-125 | - | | 20 |
| Cadmium, Total | 0.140J | 4.47 | 4.23 | 95 | | - | - | | 75-125 | - | | 20 |
| Calcium, Total | 4030 | 843 | 4800 | 91 | | - | - | | 75-125 | - | | 20 |
| Chromium, Total | 15.6 | 16.8 | 30.5 | 88 | | - | - | | 75-125 | - | | 20 |
| Cobalt, Total | 10.3 | 42.1 | 48.9 | 92 | | - | - | | 75-125 | - | | 20 |
| Copper, Total | 19.7 | 21.1 | 42.1 | 106 | | - | - | | 75-125 | - | | 20 |
| Iron, Total | 35400 | 84.3 | 30300 | **0** | Q | - | - | | 75-125 | - | | 20 |
| Lead, Total | 62.3 | 44.7 | 145 | **185** | Q | - | - | | 75-125 | - | | 20 |
| Magnesium, Total | 1330 | 843 | 2180 | 101 | | - | - | | 75-125 | - | | 20 |
| Manganese, Total | 976 | 42.1 | 718 | **0** | Q | - | - | | 75-125 | - | | 20 |
| Nickel, Total | 16.1 | 42.1 | 56.3 | 95 | | - | - | | 75-125 | - | | 20 |
| Potassium, Total | 446 | 843 | 1270 | 98 | | - | - | | 75-125 | - | | 20 |
| Selenium, Total | ND | 10.1 | 9.93 | 98 | | - | - | | 75-125 | - | | 20 |
| Silver, Total | ND | 4.21 | 4.09 | 97 | | - | - | | 75-125 | - | | 20 |
| Sodium, Total | 249 | 843 | 1120 | 103 | | - | - | | 75-125 | - | | 20 |
| Thallium, Total | ND | 10.1 | 8.37 | 83 | | - | - | | 75-125 | - | | 20 |
| Vanadium, Total | 20.9 | 42.1 | 61.3 | 96 | | - | - | | 75-125 | - | | 20 |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2442339
**Report Date:** 08/06/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | MSD Found | MSD %Recovery | Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1952973-3 QC Sample: L2442181-01 Client ID: MS Sample | | | | | | | | | |
| Zinc, Total | 56.4 | 42.1 | 106 | 118 | - | - | 75-125 | - | 20 |
| Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1952977-3 QC Sample: L2442181-01 Client ID: MS Sample | | | | | | | | | |
| Mercury, Total | 0.120 | 1.39 | 1.41 | 92 | - | - | 80-120 | - | 20 |

# Lab Duplicate Analysis
*Batch Quality Control*

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

***Lab Number:*** L2442339
***Report Date:*** 08/06/24

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1952973-4 QC Sample: L2442181-01 Client ID: DUP Sample | | | | | | |
| Aluminum, Total | 5450 | 6250 | mg/kg | 14 | | 20 |
| Antimony, Total | 1.03J | 0.628J | mg/kg | NC | | 20 |
| Arsenic, Total | 13.2 | 10.4 | mg/kg | **24** | Q | 20 |
| Barium, Total | 85.8 | 85.6 | mg/kg | 0 | | 20 |
| Beryllium, Total | 0.640 | 0.594 | mg/kg | 7 | | 20 |
| Cadmium, Total | 0.140J | 0.120J | mg/kg | NC | | 20 |
| Chromium, Total | 15.6 | 14.2 | mg/kg | 9 | | 20 |
| Cobalt, Total | 10.3 | 11.2 | mg/kg | 8 | | 20 |
| Copper, Total | 19.7 | 17.6 | mg/kg | 11 | | 20 |
| Iron, Total | 35400 | 27600 | mg/kg | **25** | Q | 20 |
| Lead, Total | 62.3 | 39.4 | mg/kg | **45** | Q | 20 |
| Manganese, Total | 976 | 769 | mg/kg | **24** | Q | 20 |
| Nickel, Total | 16.1 | 17.7 | mg/kg | 9 | | 20 |
| Selenium, Total | ND | ND | mg/kg | NC | | 20 |
| Silver, Total | ND | ND | mg/kg | NC | | 20 |
| Thallium, Total | ND | ND | mg/kg | NC | | 20 |
| Vanadium, Total | 20.9 | 18.1 | mg/kg | 14 | | 20 |
| Zinc, Total | 56.4 | 54.1 | mg/kg | 4 | | 20 |

# Lab Duplicate Analysis

***Batch Quality Control***

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

***Lab Number:*** L2442339

***Report Date:*** 08/06/24

| Parameter | Native Sample | Duplicate Sample | Units | RPD | | RPD Limits |
|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1952977-4 QC Sample: L2442181-01 Client ID: DUP Sample | | | | | | |
| Mercury, Total | 0.120 | 0.319 | mg/kg | **91** | Q | 20 |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

# Lab Serial Dilution Analysis
**Batch Quality Control**

**Lab Number:** L2442339
**Report Date:** 08/06/24

| Parameter | Native Sample | Serial Dilution | Units | % D | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1952973-6 QC Sample: L2442181-01 Client ID: DUP Sample | | | | | | |
| Aluminum, Total | 5450 | 5490 | mg/kg | 1 | | 20 |
| Barium, Total | 85.8 | 86.1 | mg/kg | 0 | | 20 |
| Iron, Total | 35400 | 39900 | mg/kg | 13 | | 20 |
| Manganese, Total | 976 | 1020 | mg/kg | 5 | | 20 |

# INORGANICS
# &
# MISCELLANEOUS

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002
**Lab Number:** L2442339
**Report Date:** 08/06/24

## SAMPLE RESULTS

Lab ID: L2442339-03
Client ID: LAGOON-SW-W-07
Sample Location: 2266 MILITARY RD
Sample Depth:
Matrix: Solid

Date Collected: 07/26/24 11:30
Date Received: 07/26/24
Field Prep: Not Specified

### Test Material Information

| | |
|---|---|
| Source of Material: | Unknown |
| Description of Material: | Non-Metallic - Damp Soil |
| Particle Size: | Medium |
| Preliminary Burning Time (sec): | 120 |

| Parameter | Result | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|
| Ignitability of Solids - Westborough Lab | | | | |
| Ignitability | NI | 08/01/24 16:17 | 1,1030 | GEF |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2442339
**Report Date:** 08/06/24

## SAMPLE RESULTS

Lab ID: L2442339-01
Client ID: CEMENT-PIPE-WEST WALL
Sample Location: 2266 MILITARY RD

Date Collected: 07/26/24 10:10
Date Received: 07/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Solid

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 67.8 | | % | 0.100 | NA | 1 | - | 07/30/24 09:01 | 121,2540G | ROI |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002
**Lab Number:** L2442339
**Report Date:** 08/06/24

## SAMPLE RESULTS

Lab ID: L2442339-02
Client ID: LAGOON-LIQUID-01
Sample Location: 2266 MILITARY RD
Date Collected: 07/26/24 11:35
Date Received: 07/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Oil
Percent Solids: Results reported on an 'AS RECEIVED' basis.

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Cyanide, Total | ND | | mg/kg | 0.99 | 0.23 | 1 | 08/04/24 11:25 | 08/05/24 15:06 | 1,9010C/9012B | JER |
| pH (H) | 6.34 | | SU | - | NA | 1 | - | 07/30/24 19:35 | 1,9045D | AAS |
| Flash Point | >150 | | deg F | 70 | NA | 1 | - | 07/30/24 13:30 | 1,1010A | JBB |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2442339
**Report Date:** 08/06/24

## SAMPLE RESULTS

Lab ID: L2442339-03
Client ID: LAGOON-SW-W-07
Sample Location: 2266 MILITARY RD

Date Collected: 07/26/24 11:30
Date Received: 07/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Solid

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 88.3 | | % | 0.100 | NA | 1 | - | 07/30/24 09:01 | 121,2540G | ROI |
| Cyanide, Total | ND | | mg/kg | 1.1 | 0.23 | 1 | 08/04/24 11:25 | 08/05/24 15:07 | 1,9010C/9012B | JER |
| pH (H) | 7.99 | | SU | - | NA | 1 | - | 07/30/24 19:35 | 1,9045D | AAS |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2442339

**Project Number:** 100.002 **Report Date:** 08/06/24

# Method Blank Analysis
## Batch Quality Control

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab for sample(s): 02-03 Batch: WG1955070-1 | | | | | | | | | | |
| Cyanide, Total | ND | | mg/kg | 0.93 | 0.20 | 1 | 08/04/24 11:25 | 08/05/24 15:00 | 1,9010C/9012B | JER |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2442339

**Report Date:** 08/06/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 02 Batch: WG1953310-1 | | | | | | | | |
| Flash Point | 99 | | - | | 96-104 | - | | |
| General Chemistry - Westborough Lab Associated sample(s): 02-03 Batch: WG1953368-1 | | | | | | | | |
| pH | 100 | | - | | 99-101 | - | | |
| General Chemistry - Westborough Lab Associated sample(s): 02-03 Batch: WG1955070-2 WG1955070-3 | | | | | | | | |
| Cyanide, Total | 90 | | 86 | | 80-120 | 5 | | 35 |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2442339
**Report Date:** 08/06/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 02-03 QC Batch ID: WG1955070-4 WG1955070-5 QC Sample: L2442510-01 Client ID: MS Sample | | | | | | | | | | | | |
| Cyanide, Total | ND | 11 | 12 | 100 | | 12 | 100 | | 75-125 | 18 | | 35 |
| General Chemistry - Westborough Lab Associated sample(s): 02-03 QC Batch ID: WG1955070-6 WG1955070-7 QC Sample: L2442540-03 Client ID: MS Sample | | | | | | | | | | | | |
| Cyanide, Total | ND | 10 | 10 | 96 | | 11 | 100 | | 75-125 | 10 | | 35 |

# Lab Duplicate Analysis

***Batch Quality Control***

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

***Lab Number:*** L2442339

***Report Date:*** 08/06/24

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01,03 QC Batch ID: WG1953018-1 QC Sample: L2442373-01 Client ID: DUP Sample | | | | | | |
| Solids, Total | 85.9 | 85.9 | % | 0 | | 20 |
| General Chemistry - Westborough Lab Associated sample(s): 02-03 QC Batch ID: WG1953368-2 QC Sample: L2441249-01 Client ID: DUP Sample | | | | | | |
| pH | 8.40 | 8.46 | SU | 1 | | 5 |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2442339
**Report Date:** 08/06/24

## Sample Receipt and Container Information

Were project specific reporting limits specified? YES

### Cooler Information

| Cooler | Custody Seal |
|---|---|
| A | Absent |

### Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2442339-01A | Vial Large Septa unpreserved (4oz) | A | NA | | 2.6 | Y | Absent | | TCLP-EXT-ZHE(14),TS(7),NYTCL-8082(365) |
| L2442339-01S | Vial unpreserved Extracts | A | NA | | 2.6 | Y | Absent | | TCLP-VOA(14) |
| L2442339-01T | Vial unpreserved Extracts | A | NA | | 2.6 | Y | Absent | | TCLP-VOA(14) |
| L2442339-01X | Amber 1000ml unpreserved Extracts | A | NA | | 2.6 | Y | Absent | | TCLP-8270(14) |
| L2442339-01X9 | Tumble Vessel | NA | NA | | | Y | Absent | | - |
| L2442339-02A | Glass 250ml/8oz unpreserved | A | NA | | 2.6 | Y | Absent | | TCN-9010(14),FLASH(),PH-9045(1),NYTCL-8260(14),NYTCL-8082(365) |
| L2442339-02W | Amber 1000ml unpreserved Extracts | A | NA | | 2.6 | Y | Absent | | TCLP-8270(14) |
| L2442339-02X | Vial MeOH preserved split | A | NA | | 2.6 | Y | Absent | | NYTCL-8260(14) |
| L2442339-02X9 | Tumble Vessel | NA | NA | | | Y | Absent | | - |
| L2442339-02Y | Vial unpreserved split | A | NA | | 2.6 | Y | Absent | | NYTCL-8260(14) |
| L2442339-02Z | Vial unpreserved split | A | NA | | 2.6 | Y | Absent | | NYTCL-8260(14) |
| L2442339-03A | Vial Large Septa unpreserved (4oz) | A | NA | | 2.6 | Y | Absent | | TCLP-EXT-ZHE(14) |
| L2442339-03B | Glass 250ml/8oz unpreserved | A | NA | | 2.6 | Y | Absent | | TCN-9010(14),IGNIT-1030(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(365) |
| L2442339-03S | Vial unpreserved Extracts | A | NA | | 2.6 | Y | Absent | | TCLP-VOA(14) |
| L2442339-03T | Vial unpreserved Extracts | A | NA | | 2.6 | Y | Absent | | TCLP-VOA(14) |
| L2442339-03X | Glass 60ml unpreserved split | A | NA | | 2.6 | Y | Absent | | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180) |
| L2442339-03X9 | Tumble Vessel | NA | NA | | | Y | Absent | | - |
| L2442339-03Y | Amber 1000ml unpreserved Extracts | NA | NA | | | Y | Absent | | TCLP-8270(14) |



*Values in parentheses indicate holding time in days

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2442339 |
| **Project Number:** | 100.002 | **Report Date:** | 08/06/24 |

## GLOSSARY

***Acronyms***

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

*Report Format: DU Report with 'J' Qualifiers*

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2442339 |
| **Project Number:** | 100.002 | **Report Date:** | 08/06/24 |

***Footnotes***

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

***Terms***

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

***Data Qualifiers***

**A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

**B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

**C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

**D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

**E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

**F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

**G** - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

**H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

**I** - The lower value for the two columns has been reported due to obvious interference.

**J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

*Report Format: DU Report with 'J' Qualifiers*

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2442339 |
| **Project Number:** | 100.002 | **Report Date:** | 08/06/24 |

***Data Qualifiers***

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

**M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

**ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

**NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

**P** - The RPD between the results for the two columns exceeds the method-specified criteria.

**Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

**R** - Analytical results are from sample re-analysis.

**RE** - Analytical results are from sample re-extraction.

**S** - Analytical results are from modified screening analysis.

**V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

**Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2442339 |
| **Project Number:** | 100.002 | **Report Date:** | 08/06/24 |

## REFERENCES


1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.


## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

# Certification Information

**The following analytes are not included in our Primary NELAP Scope of Accreditation:**

**Westborough Facility**
**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene
**EPA 625.1:** alpha-Terpineol
**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
**EPA 8270E:** NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
**SM4500**: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

**Mansfield Facility**
**SM 2540D:** TSS.
**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
**Nonpotable Water: EPA RSK-175 Dissolved Gases**
**Biological Tissue Matrix:** EPA 3050B

**The following analytes are included in our Massachusetts DEP Scope of Accreditation**

**Westborough Facility:**

***Drinking Water***
**EPA 300.0**: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
**EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
**Microbiology**: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

***Non-Potable Water***
**SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
**EPA 624.1**: Volatile Halocarbons & Aromatics,
**EPA 608.3**: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
**EPA 625.1**: SVOC (Acid/Base/Neutral Extractables).
**Microbiology**: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

**Mansfield Facility:**

***Drinking Water***
**EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
**EPA 522, EPA 537.1.**

***Non-Potable Water***
**EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
**EPA 200.8:** Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
**EPA 245.1** Hg.
**SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

Serial_No:08062419:16

L2442339 02AUG24
LEADERPRO

# NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

**Service Centers**
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab 7/27/24

**Project Information**
Project Name: Bisonite paint CO.
Project Location: 22616 military Rd
Project # 100-002
(Use Project name as Project #) ☐
Project Manager: Bruce Ahrens
ALPHAQuote #:

**Turn-Around Time**
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

**Client Information**
Client: marsh/Leader
Address: 271 marsh Rd. Suite 2
Pittsford, NY 14534
Phone: 585-249-2413
Fax:
Email: BAHRENS@leaderlink.com

**Deliverables**
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

**Billing Information**
☒ Same as Client Info
PO #

**Regulatory Requirement**
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

**Disposal Site Information**
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☒ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

**Other project specific requirements/comments:**

**Please specify Metals or TAL.**

**ANALYSIS**

**Sample Filtration**
☐ Done
☒ Lab to do
**Preservation**
☐ Lab to do
*(Please Specify below)*

| ALPHA Lab ID (Lab Use Only) | Sample ID | Collection Date | Collection Time | Sample Matrix | Sampler's Initials | TCL VOCs 8260 | TCL SVOCs 8270 | PCBs | Corrosivity | Ignitability | PH | TAL metals, total cyanide | TAL Metals, TCL Herbicides and Pests | Sample Specific Comments | Total Bottles |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42339 -01 | Cement-Pipe-West wall | 7/26/24 | 10:10 | Soil | ES | X | X | X | | | | | | | 1 |
| -02 | lagoon-liquid-01 | 7/22/24 | 11:35 | water | ES | X | X | X | X | X | X | X | | | 1 |
| -03 | lagoon-SW-W-07 | 7/26/24 | 11:30 | Soil | ES | X | X | X | X | X | X | X | X | | 2 |

Preservative Code:
A = None
B = HCl
C = $HNO_3$
D = $H_2SO_4$
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Container Type | | | | | | | | |
| Preservative | A | A | A | A | A | A | A | |

| Relinquished By: | Date/Time | Received By: | Date/Time |
|---|---|---|---|
| [illegible] | 7/26/24 15:24 | W/MOT PACK | 7/26/24 15:24 |
| W/MOT PACK | 7/26/24 15:24 | Rocket S/C PACK | 7/26/24 15:27 |
| ~~Rocket S/C PACK~~ | ~~7/26/24 2200~~ | ~~[illegible]~~ | ~~7/26/24 2200~~ |
| [illegible] | 7-27-24 0120 | [illegible] | 7-26-24 2200 |
| [illegible] | 7-27-24 0120 | [illegible] | 7/27 1:20 |

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

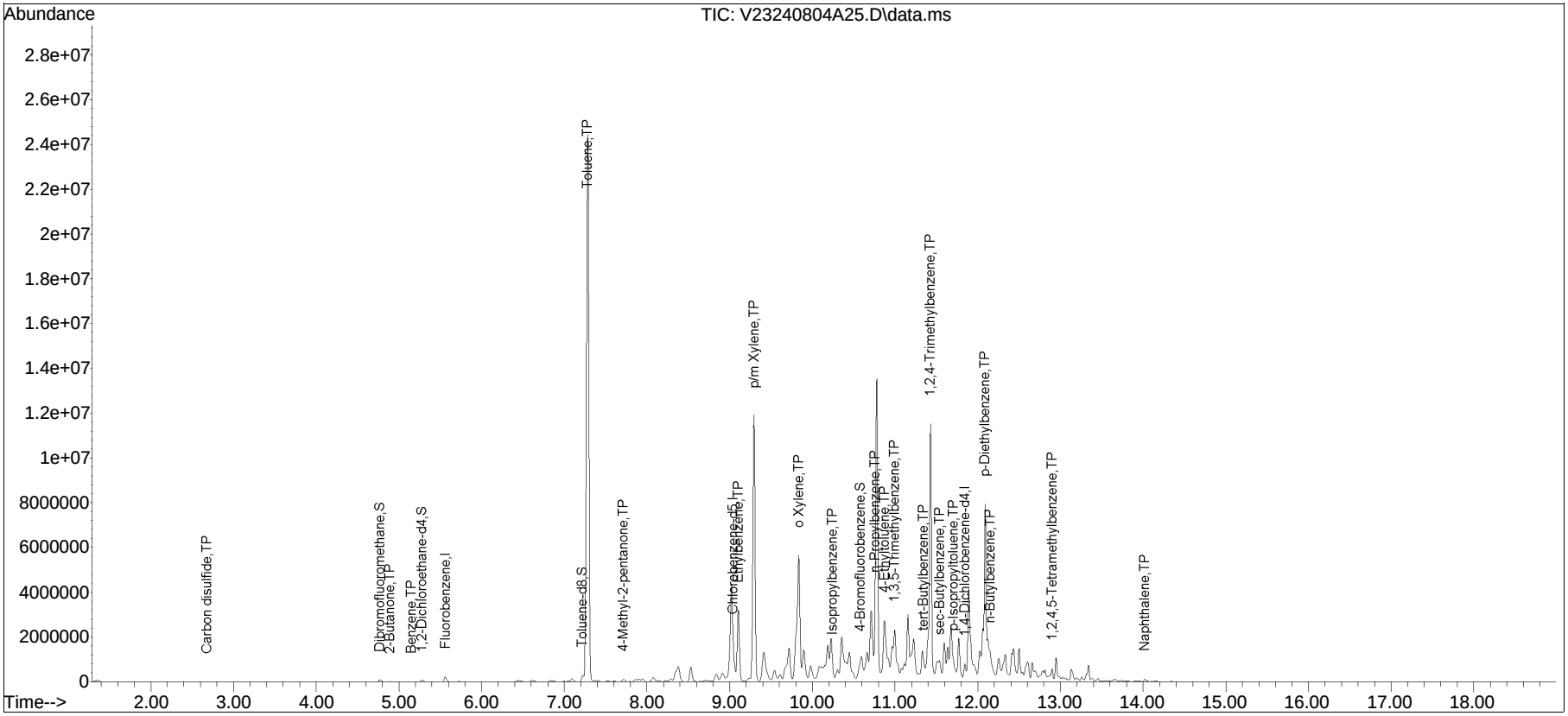
Form No: 01-25 HC (rev. 30-Sept-2013)

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2024\240804A\
Data File : V23240804A25.D
Acq On : 04 Aug 2024 10:43 pm
Operator : VOA123:JIC
Sample : L2442339-02D,31,1.04,10,0.002,,X
Misc : WG1955237,ICAL21195
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 05 08:06:54 2024
Quant Method : K:\VOA123\2024\240804A\V123_240613N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jun 14 13:51:37 2024
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox240804A01.D•



November 28, 2023 Service Request No:R2310210

Frank Thomas
Sessler Environmental Services
1330 Research Forest
Macedon, NY 14502

**Laboratory Results for: Bisonite Paint**

Dear Frank,

Enclosed are the results of the sample(s) submitted to our laboratory November 02, 2023
For your reference, these analyses have been assigned our service request number **R2310210.**

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7472. You may also contact me via email at Janice.Jaeger@alsglobal.com.

Respectfully submitted,

**ALS Group USA, Corp. dba ALS Environmental**

Janice Jaeger
Project Manager

CC: Accounts Payable

ADDRESS 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
PHONE +1 585 288 5380 | FAX +1 585 288 8475
ALS Group USA, Corp.
dba ALS Environmental

# Narrative Documents

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint
**Sample Matrix:** Soil

**Service Request:** R2310210
**Date Received:** 11/02/2023

## CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

**Sample Receipt:**

One soil sample was received for analysis at ALS Environmental on 11/02/2023. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

**Semivolatiles by GC/MS:**

Method 8270D, 11/27/2023: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8270D, 11/27/2023: The upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.

**Semivoa GC:**

The RPD between the LCS and the LCSD was greater than the RPD limit. The percent recovery limit was met for both the LCS and the LCSD.

**Metals:**

No significant anomalies were noted with this analysis.

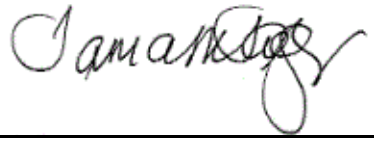
**General Chemistry:**

No significant anomalies were noted with this analysis.

**Volatiles by GC/MS:**

Method 8260C, 11/13/2023: The upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.

Method 8260C, 11/13/2023: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Approved by  Date 11/28/2023

## SAMPLE DETECTION SUMMARY

This form includes only detections above the reporting levels. For a full listing of sample results, continue to the Sample Results section of this Report.

| CLIENT ID: Lagoon Comp 1 | | | Lab ID: R2310210-001 | | | |
|---|---|---|---|---|---|---|
| **Analyte** | **Results** | **Flag** | **MDL** | **MRL** | **Units** | **Method** |
| 1,2,4-Trimethylbenzene | 3900 | | | 710 | ug/Kg | 8260C |
| 1,3,5-Trimethylbenzene | 1300 | | | 710 | ug/Kg | 8260C |
| Aluminum, Total | 13200 | | | 24 | mg/Kg | 6010C |
| Aroclor 1248 | 420 | | | 42 | ug/Kg | 8082A |
| Arsenic, Total | 3.8 | | | 1.2 | mg/Kg | 6010C |
| Barium, Total | 313 | | | 2.4 | mg/Kg | 6010C |
| Beryllium, Total | 0.58 | | | 0.36 | mg/Kg | 6010C |
| Bis(2-ethylhexyl) Phthalate | 2000 | | | 640 | ug/Kg | 8270D |
| Calcium, Total | 65700 | | | 1200 | mg/Kg | 6010C |
| Chromium, Total | 124 | | | 1.2 | mg/Kg | 6010C |
| Cobalt, Total | 12.5 | | | 6.0 | mg/Kg | 6010C |
| Copper, Total | 28.8 | | | 2.4 | mg/Kg | 6010C |
| Cyanide, Total | 0.28 | | | 0.28 | mg/Kg | 9012B |
| Ethylbenzene | 4000 | | | 710 | ug/Kg | 8260C |
| Fluoranthene | 810 | | | 420 | ug/Kg | 8270D |
| Iron, Total | 25600 | | | 240 | mg/Kg | 6010C |
| Lead, Total | 843 | | | 6.0 | mg/Kg | 6010C |
| m,p-Xylenes | 18000 | | | 1400 | ug/Kg | 8260C |
| Magnesium, Total | 16100 | | | 120 | mg/Kg | 6010C |
| Manganese, Total | 615 | | | 2.4 | mg/Kg | 6010C |
| Mercury, Total | 0.680 | | | 0.024 | mg/Kg | 7471B |
| Nickel, Total | 22.2 | | | 4.8 | mg/Kg | 6010C |
| o-Xylene | 4900 | | | 710 | ug/Kg | 8260C |
| Potassium, Total | 2100 | | | 240 | mg/Kg | 6010C |
| Pyrene | 510 | | | 420 | ug/Kg | 8270D |
| Sodium, Total | 150 | | | 120 | mg/Kg | 6010C |
| Toluene | 2200 | | | 710 | ug/Kg | 8260C |
| Total Solids | 78.2 | | | | Percent | ALS SOP |
| Vanadium, Total | 27.4 | | | 6.0 | mg/Kg | 6010C |
| Zinc, Total | 595 | | | 24 | mg/Kg | 6010C |

# Sample Receipt Information

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

**Client:** Sessler Environmental Services **Service Request:**R2310210
**Project:** Bisonite Paint/23-E789

## SAMPLE CROSS-REFERENCE

| SAMPLE # | CLIENT SAMPLE ID | DATE | TIME |
|---|---|---|---|
| R2310210-001 | Lagoon Comp 1 | 11/1/2023 | 1230 |

# Chain of Custody / Analytical Request Form

75895

SR#:

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 • +1 585 288 5380 • alsglobal.com

Page 8 of 8

| Report To: | ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER |
|---|---|
| Company: Sessler Environmental | Project Name: Bisonite Paint / Tonawanda Storage |
| Contact: Frank Thomas | Project Number: 23-E789 |
| Email: fthomas@sesslerenv.com | ALS Quote #: |
| Phone: 585-617-5710 | Sampler's Signature: Frank Thomas |
| Address: 1330 Research Forest | Email CC: fthomas@sesslerenv.com |
| Macedon, NY 14502 | Email CC: |
| | State Samples Collected (Circle or Write): NY, MA, PA, CT, Other: |

Preservative: GW, WW, SW, DW, S, L, NA

| Lab ID (ALS) | Sample Collection Information: Sample ID: | Date | Time | Matrix | Number of Containers | MS/MSD? | GC/MS VOA - 8260•624•524•TCLP | GC/MS SVOA - 8270 • 625 • TCLP | Pesticides - 8081 • 608 • TCLP | PCBs - 8082 • 608 | Herbicides - 8151 • TCLP | Metals, Total - Select Below | Metals, Dissolved - Field / In-Lab Filter | FULL RCRA TCLP | SVOCs, PCBs, TAL Metals, Sulfide, pH | TCL VOCs + CP51 TCLP | TCL VOCs + CP51 | Ignitability, Reactivity | | Notes: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Lagoon Comp 1 | 11/1/23 | 12:30 | S | 5 | | | | | | | | | X | X | X | X | X | | |

0. None
1. HCl
2. HNO3
3. H2SO4
4. NAOH
5. Zn Acet.
6. MeOH
7. NaHSO4
8. Other 40

Special Instructions / Comments:

**Turnaround Requirements**

____Rush (Surcharges Apply)
*Subject to Availability*
*Please Check with your PM*
✓ Standard (10 Business Days)
Date Required: on or before 11/22

**Report Requirements**

____Tier II/Cat A -Results/QC
____Tier IV/Cat B - Data Validation Report w/. Data
EDD: ____Yes ✓No
EDD Type:

R2310210 5
Sessler Environmental Services
Bisonite Paint

Meta
VOA
CP-51
Invoice To: (Same as Report To)
PO #: 23-E789
Company: Sessler Env.
Contact: Justin Marville
Email: APe sesslerenv.com
Phone: 585-617-5710
Address: Macedon

| | Relinquished By: | Received By: | Relinquished By: | Received By: | Relinquished By: | Received By: |
|---|---|---|---|---|---|---|
| Signature | Frank Thomas | | | | | |
| Printed Name | Frank Thomas | Gregory D. Somerlan | | | | |
| Company | Sessler | ALS | | | | |
| Date/Time | 11/2 15:10 | 11/2/23 1511D | | | | |



Distribution: White - Lab Copy; Yellow - Return to Originator

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# Cooler Receipt and Preservati

R2310210 5
Sessler Environmental Services
Bisonte Point

Project/Client Sessler Env. Folder Number

Cooler received on 11/2/23 by: JE

**COURIER:** ALS UPS FEDEX VELOCITY CLIENT

| | | | | | |
|---|---|---|---|---|---|
| 1 | Were **Custody seals** on outside of cooler? | Y (N) | 5a | **Perchlorate** samples have required headspace? | Y N (NA) |
| 2 | **Custody papers** properly completed (ink, signed)? | (Y) N | 5b | Did VOA vials, Alk,or Sulfide have sig* **bubbles**? | Y N (NA) |
| 3 | Did all bottles arrive in good **condition** (unbroken)? | (Y) N | 6 | Where did the bottles originate? | (ALS/ROC) CLIENT |
| 4 | Circle: **Wet Ice Dry Ice Gel packs** present? | Y (N) | 7 | Soil VOA received as: Bulk Encore 5035set | (NA) |

8. Temperature Readings Date: 11/2/23 Time: 1511 ID: IR#12 (IR#11) From: Temp Blank (Sample Bottle)

| Observed Temp (°C) | 12.7 | | | | | | |
|---|---|---|---|---|---|---|---|
| Within 0-6°C? | Y (N) | Y N | Y N | Y N | Y N | Y N | Y N |
| If <0°C, were samples frozen? | Y N | Y N | Y N | Y N | Y N | Y N | Y N |

**If out of Temperature, note packing/ice condition:** _____ Ice melted Poorly Packed (described below) Same Day Rule

**&Client Approval to Run Samples:** _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: R-002 by JE on 11/2/23 at 1513
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 11/3/23 Time: 1522 by: RR

9. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? (YES) NO
10. Did all bottle labels and tags agree with custody papers? (YES) NO
11. Were correct containers used for the tests indicated? (YES) NO
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO (N/A)
13. Were dissolved metals filtered in the field? YES NO (N/A)
14. Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized Tedlar® Bags Inflated (N/A)

| pH | Lot of test paper | Reagent | Preserved? Yes | Preserved? No | Lot Received | Exp | Sample ID Adjusted | Vol. Added | Lot Added | Final pH |
|---|---|---|---|---|---|---|---|---|---|---|
| ≥12 | | NaOH | | | | | | | | |
| ≤2 | | $HNO_3$ | | | | | | | | |
| ≤2 | | $H_2SO_4$ | | | | | | | | |
| <4 | | $NaHSO_4$ | | | | | | | | |
| 5-9 | | For 608pest | | | No=Notify for 3day | | | | | |
| Residual Chlorine (-) | | For CN, Phenol, 625, 608pest, 522 | | | If +, contact PM to add $Na_2S_2O_3$ (625, 608, CN), ascorbic (phenol). | | | | | |
| | | $Na_2S_2O_3$ | | | | | | | | |
| | | ZnAcetate | - | - | | | **VOAs and 1664 Not to be tested before analysis. Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives). | | | |
| | | HCl | ** | ** | | | | | | |

Bottle lot numbers: 041023-ITW
Explain all Discrepancies/ Other Comments:

| | |
|---|---|
| HPROD | BULK |
| HTR | FLDT |
| SUB | HGFB |
| ALS | LL3541 |

Labels secondary reviewed by: RR
PC Secondary Review: MH 11/7/23

*significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

# Miscellaneous Forms

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

# REPORT QUALIFIERS AND DEFINITIONS

| | |
|---|---|
| U | Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative. |
| J | Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors). |
| B | Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result. |
| E | Inorganics- Concentration is estimated due to the serial dilution was outside control limits. |
| E | Organics- Concentration has exceeded the calibration range for that specific analysis. |
| D | Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed. |
| * | Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time. |
| H | Analysis was performed out of hold time for tests that have an "immediate" hold time criteria. |
| # | Spike was diluted out. |
| + | Correlation coefficient for MSA is <0.995. |
| N | Inorganics- Matrix spike recovery was outside laboratory limits. |
| N | Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search. |
| S | Concentration has been determined using Method of Standard Additions (MSA). |
| W | Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance. |
| P | Concentration >40% difference between the two GC columns. |
| C | Confirmed by GC/MS |
| Q | DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns). |
| X | See Case Narrative for discussion. |
| MRL<br>LOQ | Method Reporting Limit. Also known as:<br>Limit of Quantitation (LOQ)<br>The lowest concentration at which the method analyte may be reliably quantified under the method conditions. |
| MDL | Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier). |
| LOD | Limit of Detection. A value at or above the MDL which has been verified to be detectable. |
| ND | Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier. |

## Rochester Lab ID # for State Accreditations[1]

| NELAP States |
|---|
| Florida ID # E87674 |
| New Hampshire ID # 2941 |
| New York ID # 10145 |
| Pennsylvania ID# 68-786 |
| Virginia #460167 |

| Non-NELAP States |
|---|
| Connecticut ID #PH0556 |
| Delaware Approved |
| Maine ID #NY01587 |
| North Carolina #36701 |
| North Carolina #676 |
| Rhode Island LAO00333 |

[1] Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory. To verify NH accredited analytes, go to https://www4.des.state.nh.us/CertifiedLabs/Certified-Method.aspx.

# ALS Laboratory Group

**Acronyms**

| | |
|---|---|
| ASTM | American Society for Testing and Materials |
| A2LA | American Association for Laboratory Accreditation |
| CARB | California Air Resources Board |
| CAS Number | Chemical Abstract Service registry Number |
| CFC | Chlorofluorocarbon |
| CFU | Colony-Forming Unit |
| DEC | Department of Environmental Conservation |
| DEQ | Department of Environmental Quality |
| DHS | Department of Health Services |
| DOE | Department of Ecology |
| DOH | Department of Health |
| EPA | U. S. Environmental Protection Agency |
| ELAP | Environmental Laboratory Accreditation Program |
| GC | Gas Chromatography |
| GC/MS | Gas Chromatography/Mass Spectrometry |
| LUFT | Leaking Underground Fuel Tank |
| M | Modified |
| MCL | Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA. |
| MDL | Method Detection Limit |
| MPN | Most Probable Number |
| MRL | Method Reporting Limit |
| NA | Not Applicable |
| NC | Not Calculated |
| NCASI | National Council of the Paper Industry for Air and Stream Improvement |
| ND | Not Detected |
| NIOSH | National Institute for Occupational Safety and Health |
| PQL | Practical Quantitation Limit |
| RCRA | Resource Conservation and Recovery Act |
| SIM | Selected Ion Monitoring |
| TPH | Total Petroleum Hydrocarbons |
| tr | Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL. |

**Client:** Sessler Environmental Services **Service Request:** R2310210
**Project:** Bisonite Paint/23-E789

## Non-Certified Analytes

**Certifying Agency:** New York Department of Health

| Method | Matrix | Analyte |
|---|---|---|
| ALS SOP | Soil | Total Solids |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310210 |
| **Project:** | Bisonite Paint/23-E789 | | |

| | | | |
|---|---|---|---|
| **Sample Name:** | Lagoon Comp 1 | **Date Collected:** | 11/1/23 |
| **Lab Code:** | R2310210-001 | **Date Received:** | 11/2/23 |
| **Sample Matrix:** | Soil | | |

| Analysis Method | Extracted/Digested By | Analyzed By |
|---|---|---|
| 6010C | CDISTEFANO | NMANSEN |
| 7471B | ECASTROVINCI | ECASTROVINCI |
| 8082A | EDEGRAY | AFELSER |
| 8260C | | FNAEGLER |
| 8270D | EDEGRAY | AMOSES |
| 9012B | CKUTZER | MROGERSON |
| ALS SOP | | HCASTROVINCI |

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

**Water/Liquid Matrix**

| Analytical Method | Preparation Method |
|---|---|
| 200.7 | 200.2 |
| 200.8 | 200.2 |
| 6010C | 3005A/3010A |
| 6020A | ILM05.3 |
| 9034 Sulfide Acid Soluble | 9030B |
| SM 4500-CN-E Residual Cyanide | SM 4500-CN-G |
| SM 4500-CN-E WAD Cyanide | SM 4500-CN-I |

**Solid/Soil/Non-Aqueous Matrix**

| Analytical Method | Preparation Method |
|---|---|
| 6010C | 3050B |
| 6020A | 3050B |
| 6010C TCLP (1311) extract | 3005A/3010A |
| 6010 SPLP (1312) extract | 3005A/3010A |
| 7199 | 3060A |
| 300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions | DI extraction |
| For analytical methods not listed, the preparation method is the same as the analytical method reference. | |

# Sample Results

**ALS Environmental—Rochester Laboratory**
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Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

# Volatile Organic Compounds by GC/MS

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310210 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | 11/01/23 12:30 |
| **Sample Matrix:** | Soil | **Date Received:** | 11/02/23 15:10 |
| **Sample Name:** | Lagoon Comp 1 | **Units:** | ug/Kg |
| **Lab Code:** | R2310210-001 | **Basis:** | Dry |

## Volatile Organic Compounds by GC/MS, Unp

**Analysis Method:** 8260C
**Prep Method:** EPA 5030C

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Q |
|---|---|---|---|---|---|
| 1,1,1-Trichloroethane (TCA) | 710 U | 710 | 111 | 11/13/23 16:03 | |
| 1,1,2,2-Tetrachloroethane | 710 U | 710 | 111 | 11/13/23 16:03 | |
| 1,1,2-Trichloroethane | 710 U | 710 | 111 | 11/13/23 16:03 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 710 U | 710 | 111 | 11/13/23 16:03 | |
| 1,1-Dichloroethane (1,1-DCA) | 710 U | 710 | 111 | 11/13/23 16:03 | |
| 1,1-Dichloroethene (1,1-DCE) | 710 U | 710 | 111 | 11/13/23 16:03 | |
| 1,2,3-Trichlorobenzene | 710 U | 710 | 111 | 11/13/23 16:03 | |
| 1,2,4-Trichlorobenzene | 710 U | 710 | 111 | 11/13/23 16:03 | |
| 1,2,4-Trimethylbenzene | **3900** | 710 | 111 | 11/13/23 16:03 | |
| 1,2-Dibromo-3-chloropropane (DBCP) | 710 U | 710 | 111 | 11/13/23 16:03 | |
| 1,2-Dibromoethane | 710 U | 710 | 111 | 11/13/23 16:03 | |
| 1,2-Dichlorobenzene | 710 U | 710 | 111 | 11/13/23 16:03 | |
| 1,2-Dichloroethane | 710 U | 710 | 111 | 11/13/23 16:03 | |
| 1,2-Dichloropropane | 710 U | 710 | 111 | 11/13/23 16:03 | |
| 1,3,5-Trimethylbenzene | **1300** | 710 | 111 | 11/13/23 16:03 | |
| 1,3-Dichlorobenzene | 710 U | 710 | 111 | 11/13/23 16:03 | |
| 1,4-Dichlorobenzene | 710 U | 710 | 111 | 11/13/23 16:03 | |
| 1,4-Dioxane | 14000 U | 14000 | 111 | 11/13/23 16:03 | |
| 2-Butanone (MEK) | 710 U | 710 | 111 | 11/13/23 16:03 | |
| 2-Hexanone | 710 U | 710 | 111 | 11/13/23 16:03 | |
| 4-Isopropyltoluene | 710 U | 710 | 111 | 11/13/23 16:03 | |
| 4-Methyl-2-pentanone | 710 U | 710 | 111 | 11/13/23 16:03 | |
| Acetone | 710 U | 710 | 111 | 11/13/23 16:03 | |
| Benzene | 710 U | 710 | 111 | 11/13/23 16:03 | |
| Bromochloromethane | 710 U | 710 | 111 | 11/13/23 16:03 | |
| Bromodichloromethane | 710 U | 710 | 111 | 11/13/23 16:03 | |
| Bromoform | 710 U | 710 | 111 | 11/13/23 16:03 | |
| Bromomethane | 710 U | 710 | 111 | 11/13/23 16:03 | |
| Carbon Disulfide | 710 U | 710 | 111 | 11/13/23 16:03 | |
| Carbon Tetrachloride | 710 U | 710 | 111 | 11/13/23 16:03 | |
| Chlorobenzene | 710 U | 710 | 111 | 11/13/23 16:03 | |
| Chloroethane | 710 U | 710 | 111 | 11/13/23 16:03 | |
| Chloroform | 710 U | 710 | 111 | 11/13/23 16:03 | |
| Chloromethane | 710 U | 710 | 111 | 11/13/23 16:03 | |
| Cyclohexane | 710 U | 710 | 111 | 11/13/23 16:03 | |
| Dibromochloromethane | 710 U | 710 | 111 | 11/13/23 16:03 | |
| Dichlorodifluoromethane (CFC 12) | 710 U | 710 | 111 | 11/13/23 16:03 | |
| Dichloromethane | 710 U | 710 | 111 | 11/13/23 16:03 | |
| Ethylbenzene | **4000** | 710 | 111 | 11/13/23 16:03 | |
| Isopropylbenzene (Cumene) | 710 U | 710 | 111 | 11/13/23 16:03 | |
| Methyl Acetate | 710 U | 710 | 111 | 11/13/23 16:03 | |
| Methyl tert-Butyl Ether | 710 U | 710 | 111 | 11/13/23 16:03 | |
| Methylcyclohexane | 710 U | 710 | 111 | 11/13/23 16:03 | |

Analytical Report

| | | | |
|---|---|---|---|
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| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | 11/01/23 12:30 |
| **Sample Matrix:** | Soil | **Date Received:** | 11/02/23 15:10 |
| **Sample Name:** | Lagoon Comp 1 | **Units:** | ug/Kg |
| **Lab Code:** | R2310210-001 | **Basis:** | Dry |

## Volatile Organic Compounds by GC/MS, Unp

**Analysis Method:** 8260C
**Prep Method:** EPA 5030C

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Q |
|---|---|---|---|---|---|
| Styrene | 710 U | 710 | 111 | 11/13/23 16:03 | |
| Tetrachloroethene (PCE) | 710 U | 710 | 111 | 11/13/23 16:03 | |
| Toluene | **2200** | 710 | 111 | 11/13/23 16:03 | |
| Trichloroethene (TCE) | 710 U | 710 | 111 | 11/13/23 16:03 | |
| Trichlorofluoromethane (CFC 11) | 710 U | 710 | 111 | 11/13/23 16:03 | |
| Vinyl Chloride | 710 U | 710 | 111 | 11/13/23 16:03 | |
| cis-1,2-Dichloroethene | 710 U | 710 | 111 | 11/13/23 16:03 | |
| cis-1,3-Dichloropropene | 710 U | 710 | 111 | 11/13/23 16:03 | |
| m,p-Xylenes | **18000** | 1400 | 111 | 11/13/23 16:03 | |
| n-Butylbenzene | 710 U | 710 | 111 | 11/13/23 16:03 | |
| n-Propylbenzene | 710 U | 710 | 111 | 11/13/23 16:03 | |
| o-Xylene | **4900** | 710 | 111 | 11/13/23 16:03 | |
| sec-Butylbenzene | 710 U | 710 | 111 | 11/13/23 16:03 | |
| tert-Butylbenzene | 710 U | 710 | 111 | 11/13/23 16:03 | |
| trans-1,2-Dichloroethene | 710 U | 710 | 111 | 11/13/23 16:03 | |
| trans-1,3-Dichloropropene | 710 U | 710 | 111 | 11/13/23 16:03 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 4-Bromofluorobenzene | 103 | 31 - 154 | 11/13/23 16:03 | |
| Dibromofluoromethane | 96 | 63 - 138 | 11/13/23 16:03 | |
| Toluene-d8 | 102 | 66 - 138 | 11/13/23 16:03 | |

# Semivolatile Organic Compounds by GC/MS

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|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310210 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | 11/01/23 12:30 |
| **Sample Matrix:** | Soil | **Date Received:** | 11/02/23 15:10 |
| **Sample Name:** | Lagoon Comp 1 | **Units:** | ug/Kg |
| **Lab Code:** | R2310210-001 | **Basis:** | Dry |

**Semivolatile Organic Compounds by GC/MS using Microwave Digestion**

**Analysis Method:** 8270D
**Prep Method:** EPA 3546

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 1,2,4,5-Tetrachlorobenzene | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| 2,3,4,6-Tetrachlorophenol | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| 2,4,5-Trichlorophenol | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| 2,4,6-Trichlorophenol | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| 2,4-Dichlorophenol | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| 2,4-Dimethylphenol | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| 2,4-Dinitrophenol | 2200 U | 2200 | 1 | 11/27/23 19:58 | 11/15/23 | |
| 2,4-Dinitrotoluene | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| 2,6-Dinitrotoluene | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| 2-Chloronaphthalene | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| 2-Chlorophenol | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| 2-Methylnaphthalene | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| 2-Methylphenol | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| 2-Nitroaniline | 2200 U | 2200 | 1 | 11/27/23 19:58 | 11/15/23 | |
| 2-Nitrophenol | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| 3,3'-Dichlorobenzidine | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| 3- and 4-Methylphenol Coelution | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| 3-Nitroaniline | 2200 U | 2200 | 1 | 11/27/23 19:58 | 11/15/23 | |
| 4,6-Dinitro-2-methylphenol | 2200 U | 2200 | 1 | 11/27/23 19:58 | 11/15/23 | |
| 4-Bromophenyl Phenyl Ether | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| 4-Chloro-3-methylphenol | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| 4-Chloroaniline | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| 4-Chlorophenyl Phenyl Ether | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| 4-Nitroaniline | 2200 U | 2200 | 1 | 11/27/23 19:58 | 11/15/23 | |
| 4-Nitrophenol | 2200 U | 2200 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Acenaphthene | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Acenaphthylene | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Acetophenone | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Anthracene | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Atrazine | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Benz(a)anthracene | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Benzaldehyde | 2200 U | 2200 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Benzo(a)pyrene | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Benzo(b)fluoranthene | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Benzo(g,h,i)perylene | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Benzo(k)fluoranthene | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Biphenyl | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| 2,2'-Oxybis(1-chloropropane) | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Bis(2-chloroethoxy)methane | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Bis(2-chloroethyl) Ether | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Bis(2-ethylhexyl) Phthalate | **2000** | 640 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Butyl Benzyl Phthalate | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Caprolactam | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310210 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | 11/01/23 12:30 |
| **Sample Matrix:** | Soil | **Date Received:** | 11/02/23 15:10 |
| **Sample Name:** | Lagoon Comp 1 | **Units:** | ug/Kg |
| **Lab Code:** | R2310210-001 | **Basis:** | Dry |

## Semivolatile Organic Compounds by GC/MS using Microwave Digestion

**Analysis Method:** 8270D
**Prep Method:** EPA 3546

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| Carbazole | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Chrysene | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Di-n-butyl Phthalate | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Di-n-octyl Phthalate | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Dibenz(a,h)anthracene | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Dibenzofuran | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Diethyl Phthalate | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Dimethyl Phthalate | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Fluoranthene | **810** | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Fluorene | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Hexachlorobenzene | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Hexachlorobutadiene | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Hexachlorocyclopentadiene | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Hexachloroethane | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Indeno(1,2,3-cd)pyrene | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Isophorone | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| N-Nitrosodi-n-propylamine | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| N-Nitrosodiphenylamine | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Naphthalene | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Nitrobenzene | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Pentachlorophenol (PCP) | 2200 U | 2200 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Phenanthrene | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Phenol | 420 U | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |
| Pyrene | **510** | 420 | 1 | 11/27/23 19:58 | 11/15/23 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 2,4,6-Tribromophenol | 66 | 18 - 123 | 11/27/23 19:58 | |
| 2-Fluorobiphenyl | 85 | 18 - 104 | 11/27/23 19:58 | |
| 2-Fluorophenol | 89 | 13 - 96 | 11/27/23 19:58 | |
| Nitrobenzene-d5 | 94 | 12 - 98 | 11/27/23 19:58 | |
| Phenol-d6 | 82 | 16 - 95 | 11/27/23 19:58 | |
| Terphenyl-d14 | 86 | 26 - 134 | 11/27/23 19:58 | |

# Semivolatile Organic Compounds by GC

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Analytical Report

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|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310210 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | 11/01/23 12:30 |
| **Sample Matrix:** | Soil | **Date Received:** | 11/02/23 15:10 |
| **Sample Name:** | Lagoon Comp 1 | **Units:** | ug/Kg |
| **Lab Code:** | R2310210-001 | **Basis:** | Dry |

## Polychlorinated Biphenyls (PCBs) by GC using Microwave Extraction

**Analysis Method:** 8082A
**Prep Method:** EPA 3546

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| Aroclor 1016 | 42 U | 42 | 1 | 11/17/23 01:38 | 11/7/23 | |
| Aroclor 1221 | 86 U | 86 | 1 | 11/17/23 01:38 | 11/7/23 | |
| Aroclor 1232 | 42 U | 42 | 1 | 11/17/23 01:38 | 11/7/23 | |
| Aroclor 1242 | 42 U | 42 | 1 | 11/17/23 01:38 | 11/7/23 | |
| Aroclor 1248 | **420** | 42 | 1 | 11/17/23 01:38 | 11/7/23 | |
| Aroclor 1254 | 42 U | 42 | 1 | 11/17/23 01:38 | 11/7/23 | |
| Aroclor 1260 | 42 U | 42 | 1 | 11/17/23 01:38 | 11/7/23 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Decachlorobiphenyl | 64 | 10 - 138 | 11/17/23 01:38 | |
| Tetrachloro-m-xylene | 61 | 11 - 122 | 11/17/23 01:38 | |

# Metals

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Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310210 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | 11/01/23 12:30 |
| **Sample Matrix:** | Soil | **Date Received:** | 11/02/23 15:10 |
| **Sample Name:** | Lagoon Comp 1 | **Basis:** | Dry |
| **Lab Code:** | R2310210-001 | | |

## Inorganic Parameters

| Analyte Name | Analysis Method | Result | Units | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|
| Aluminum, Total | 6010C | **13200** | mg/Kg | 24 | 1 | 11/10/23 02:12 | 11/08/23 | |
| Antimony, Total | 6010C | 7.2 U | mg/Kg | 7.2 | 1 | 11/10/23 02:12 | 11/08/23 | |
| Arsenic, Total | 6010C | **3.8** | mg/Kg | 1.2 | 1 | 11/10/23 02:12 | 11/08/23 | |
| Barium, Total | 6010C | **313** | mg/Kg | 2.4 | 1 | 11/10/23 02:12 | 11/08/23 | |
| Beryllium, Total | 6010C | **0.58** | mg/Kg | 0.36 | 1 | 11/10/23 02:12 | 11/08/23 | |
| Cadmium, Total | 6010C | 0.60 U | mg/Kg | 0.60 | 1 | 11/10/23 02:12 | 11/08/23 | |
| Calcium, Total | 6010C | **65700** | mg/Kg | 1200 | 10 | 11/10/23 03:14 | 11/08/23 | |
| Chromium, Total | 6010C | **124** | mg/Kg | 1.2 | 1 | 11/10/23 02:12 | 11/08/23 | |
| Cobalt, Total | 6010C | **12.5** | mg/Kg | 6.0 | 1 | 11/10/23 02:12 | 11/08/23 | |
| Copper, Total | 6010C | **28.8** | mg/Kg | 2.4 | 1 | 11/10/23 02:12 | 11/08/23 | |
| Iron, Total | 6010C | **25600** | mg/Kg | 240 | 10 | 11/10/23 03:14 | 11/08/23 | |
| Lead, Total | 6010C | **843** | mg/Kg | 6.0 | 1 | 11/10/23 02:12 | 11/08/23 | |
| Magnesium, Total | 6010C | **16100** | mg/Kg | 120 | 1 | 11/10/23 02:12 | 11/08/23 | |
| Manganese, Total | 6010C | **615** | mg/Kg | 2.4 | 1 | 11/10/23 02:12 | 11/08/23 | |
| Mercury, Total | 7471B | **0.680** | mg/Kg | 0.024 | 1 | 11/13/23 11:06 | 11/10/23 | |
| Nickel, Total | 6010C | **22.2** | mg/Kg | 4.8 | 1 | 11/10/23 02:12 | 11/08/23 | |
| Potassium, Total | 6010C | **2100** | mg/Kg | 240 | 1 | 11/10/23 02:12 | 11/08/23 | |
| Selenium, Total | 6010C | 1.2 U | mg/Kg | 1.2 | 1 | 11/10/23 02:12 | 11/08/23 | |
| Silver, Total | 6010C | 1.2 U | mg/Kg | 1.2 | 1 | 11/10/23 02:12 | 11/08/23 | |
| Sodium, Total | 6010C | **150** | mg/Kg | 120 | 1 | 11/10/23 02:12 | 11/08/23 | |
| Thallium, Total | 6010C | 1.2 U | mg/Kg | 1.2 | 1 | 11/10/23 02:12 | 11/08/23 | |
| Vanadium, Total | 6010C | **27.4** | mg/Kg | 6.0 | 1 | 11/10/23 02:12 | 11/08/23 | |
| Zinc, Total | 6010C | **595** | mg/Kg | 24 | 10 | 11/10/23 03:14 | 11/08/23 | |

# General Chemistry

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Analytical Report

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|---|---|---|---|
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| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | 11/01/23 12:30 |
| **Sample Matrix:** | Soil | **Date Received:** | 11/02/23 15:10 |
| **Sample Name:** | Lagoon Comp 1 | **Basis:** | Dry |
| **Lab Code:** | R2310210-001 | | |

## Inorganic Parameters

| Analyte Name | Analysis Method | Result | Units | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|
| Cyanide, Total | 9012B | **0.28** | mg/Kg | 0.28 | 1 | 11/09/23 21:29 | 11/10/23 | |

Analytical Report

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| **Sample Matrix:** | Soil | **Date Received:** | 11/02/23 15:10 |
| **Sample Name:** | Lagoon Comp 1 | **Basis:** | As Received |
| **Lab Code:** | R2310210-001 | | |

## Inorganic Parameters

| Analyte Name | Analysis Method | Result | Units | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|
| Total Solids | ALS SOP | **78.2** | Percent | - | 1 | 11/10/23 09:00 | NA | |

# QC Summary Forms

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**Client:** Sessler Environmental Services **Service Request:** R2310210
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## Volatile Organic Compounds by GC/MS, Unp

**Analysis Method:** 8260C
**Extraction Method:** EPA 5030C

| Sample Name | Lab Code | 4-Bromofluorobenzene 31 - 154 | Dibromofluoromethane 63 - 138 | Toluene-d8 66 - 138 |
|---|---|---|---|---|
| Lagoon Comp 1 | R2310210-001 | 103 | 96 | 102 |
| Lab Control Sample | RQ2314909-03 | 97 | 99 | 100 |
| Method Blank | RQ2314909-04 | 106 | 102 | 103 |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310210 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/Kg |
| **Lab Code:** | RQ2314909-04 | **Basis:** | Dry |

**Volatile Organic Compounds by GC/MS, Unp**

**Analysis Method:** 8260C
**Prep Method:** EPA 5030C

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Q |
|---|---|---|---|---|---|
| 1,1,1-Trichloroethane (TCA) | 250 U | 250 | 50 | 11/13/23 11:45 | |
| 1,1,2,2-Tetrachloroethane | 250 U | 250 | 50 | 11/13/23 11:45 | |
| 1,1,2-Trichloroethane | 250 U | 250 | 50 | 11/13/23 11:45 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 250 U | 250 | 50 | 11/13/23 11:45 | |
| 1,1-Dichloroethane (1,1-DCA) | 250 U | 250 | 50 | 11/13/23 11:45 | |
| 1,1-Dichloroethene (1,1-DCE) | 250 U | 250 | 50 | 11/13/23 11:45 | |
| 1,2,3-Trichlorobenzene | 250 U | 250 | 50 | 11/13/23 11:45 | |
| 1,2,4-Trichlorobenzene | 250 U | 250 | 50 | 11/13/23 11:45 | |
| 1,2,4-Trimethylbenzene | 250 U | 250 | 50 | 11/13/23 11:45 | |
| 1,2-Dibromo-3-chloropropane (DBCP) | 250 U | 250 | 50 | 11/13/23 11:45 | |
| 1,2-Dibromoethane | 250 U | 250 | 50 | 11/13/23 11:45 | |
| 1,2-Dichlorobenzene | 250 U | 250 | 50 | 11/13/23 11:45 | |
| 1,2-Dichloroethane | 250 U | 250 | 50 | 11/13/23 11:45 | |
| 1,2-Dichloropropane | 250 U | 250 | 50 | 11/13/23 11:45 | |
| 1,3,5-Trimethylbenzene | 250 U | 250 | 50 | 11/13/23 11:45 | |
| 1,3-Dichlorobenzene | 250 U | 250 | 50 | 11/13/23 11:45 | |
| 1,4-Dichlorobenzene | 250 U | 250 | 50 | 11/13/23 11:45 | |
| 1,4-Dioxane | 5000 U | 5000 | 50 | 11/13/23 11:45 | |
| 2-Butanone (MEK) | 250 U | 250 | 50 | 11/13/23 11:45 | |
| 2-Hexanone | 250 U | 250 | 50 | 11/13/23 11:45 | |
| 4-Isopropyltoluene | 250 U | 250 | 50 | 11/13/23 11:45 | |
| 4-Methyl-2-pentanone | 250 U | 250 | 50 | 11/13/23 11:45 | |
| Acetone | 250 U | 250 | 50 | 11/13/23 11:45 | |
| Benzene | 250 U | 250 | 50 | 11/13/23 11:45 | |
| Bromochloromethane | 250 U | 250 | 50 | 11/13/23 11:45 | |
| Bromodichloromethane | 250 U | 250 | 50 | 11/13/23 11:45 | |
| Bromoform | 250 U | 250 | 50 | 11/13/23 11:45 | |
| Bromomethane | 250 U | 250 | 50 | 11/13/23 11:45 | |
| Carbon Disulfide | 250 U | 250 | 50 | 11/13/23 11:45 | |
| Carbon Tetrachloride | 250 U | 250 | 50 | 11/13/23 11:45 | |
| Chlorobenzene | 250 U | 250 | 50 | 11/13/23 11:45 | |
| Chloroethane | 250 U | 250 | 50 | 11/13/23 11:45 | |
| Chloroform | 250 U | 250 | 50 | 11/13/23 11:45 | |
| Chloromethane | 250 U | 250 | 50 | 11/13/23 11:45 | |
| Cyclohexane | 250 U | 250 | 50 | 11/13/23 11:45 | |
| Dibromochloromethane | 250 U | 250 | 50 | 11/13/23 11:45 | |
| Dichlorodifluoromethane (CFC 12) | 250 U | 250 | 50 | 11/13/23 11:45 | |
| Dichloromethane | 250 U | 250 | 50 | 11/13/23 11:45 | |
| Ethylbenzene | 250 U | 250 | 50 | 11/13/23 11:45 | |
| Isopropylbenzene (Cumene) | 250 U | 250 | 50 | 11/13/23 11:45 | |
| Methyl Acetate | 250 U | 250 | 50 | 11/13/23 11:45 | |
| Methyl tert-Butyl Ether | 250 U | 250 | 50 | 11/13/23 11:45 | |
| Methylcyclohexane | 250 U | 250 | 50 | 11/13/23 11:45 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310210 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/Kg |
| **Lab Code:** | RQ2314909-04 | **Basis:** | Dry |

## Volatile Organic Compounds by GC/MS, Unp

**Analysis Method:** 8260C
**Prep Method:** EPA 5030C

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Q |
|---|---|---|---|---|---|
| Styrene | 250 U | 250 | 50 | 11/13/23 11:45 | |
| Tetrachloroethene (PCE) | 250 U | 250 | 50 | 11/13/23 11:45 | |
| Toluene | 250 U | 250 | 50 | 11/13/23 11:45 | |
| Trichloroethene (TCE) | 250 U | 250 | 50 | 11/13/23 11:45 | |
| Trichlorofluoromethane (CFC 11) | 250 U | 250 | 50 | 11/13/23 11:45 | |
| Vinyl Chloride | 250 U | 250 | 50 | 11/13/23 11:45 | |
| cis-1,2-Dichloroethene | 250 U | 250 | 50 | 11/13/23 11:45 | |
| cis-1,3-Dichloropropene | 250 U | 250 | 50 | 11/13/23 11:45 | |
| m,p-Xylenes | 500 U | 500 | 50 | 11/13/23 11:45 | |
| n-Butylbenzene | 250 U | 250 | 50 | 11/13/23 11:45 | |
| n-Propylbenzene | 250 U | 250 | 50 | 11/13/23 11:45 | |
| o-Xylene | 250 U | 250 | 50 | 11/13/23 11:45 | |
| sec-Butylbenzene | 250 U | 250 | 50 | 11/13/23 11:45 | |
| tert-Butylbenzene | 250 U | 250 | 50 | 11/13/23 11:45 | |
| trans-1,2-Dichloroethene | 250 U | 250 | 50 | 11/13/23 11:45 | |
| trans-1,3-Dichloropropene | 250 U | 250 | 50 | 11/13/23 11:45 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 4-Bromofluorobenzene | 106 | 31 - 154 | 11/13/23 11:45 | |
| Dibromofluoromethane | 102 | 63 - 138 | 11/13/23 11:45 | |
| Toluene-d8 | 103 | 66 - 138 | 11/13/23 11:45 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

**Service Request:** R2310210
**Date Analyzed:** 11/13/23

## Lab Control Sample Summary
## Volatile Organic Compounds by GC/MS, Unp

**Units:**ug/Kg
**Basis:**Dry

### Lab Control Sample
RQ2314909-03

| Analyte Name | Analytical Method | Result | Spike Amount | % Rec | % Rec Limits |
|---|---|---|---|---|---|
| 1,1,1-Trichloroethane (TCA) | 8260C | 22.2 | 20.0 | 111 | 68-123 |
| 1,1,2,2-Tetrachloroethane | 8260C | 18.2 | 20.0 | 91 | 78-121 |
| 1,1,2-Trichloroethane | 8260C | 19.8 | 20.0 | 99 | 84-117 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 8260C | 24.8 | 20.0 | 124 * | 54-121 |
| 1,1-Dichloroethane (1,1-DCA) | 8260C | 22.9 | 20.0 | 114 | 76-123 |
| 1,1-Dichloroethene (1,1-DCE) | 8260C | 21.8 | 20.0 | 109 | 67-147 |
| 1,2,3-Trichlorobenzene | 8260C | 21.8 | 20.0 | 109 | 60-128 |
| 1,2,4-Trichlorobenzene | 8260C | 21.6 | 20.0 | 108 | 62-130 |
| 1,2,4-Trimethylbenzene | 8260C | 21.0 | 20.0 | 105 | 67-121 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 8260C | 16.3 | 20.0 | 82 | 54-135 |
| 1,2-Dibromoethane | 8260C | 20.2 | 20.0 | 101 | 77-117 |
| 1,2-Dichlorobenzene | 8260C | 20.6 | 20.0 | 103 | 75-116 |
| 1,2-Dichloroethane | 8260C | 20.5 | 20.0 | 102 | 74-116 |
| 1,2-Dichloropropane | 8260C | 20.7 | 20.0 | 103 | 79-112 |
| 1,3,5-Trimethylbenzene | 8260C | 21.0 | 20.0 | 105 | 66-122 |
| 1,3-Dichlorobenzene | 8260C | 20.0 | 20.0 | 100 | 72-118 |
| 1,4-Dichlorobenzene | 8260C | 20.4 | 20.0 | 102 | 72-117 |
| 1,4-Dioxane | 8260C | 386 | 400 | 97 | 59-147 |
| 2-Butanone (MEK) | 8260C | 16.8 | 20.0 | 84 | 67-129 |
| 2-Hexanone | 8260C | 18.4 | 20.0 | 92 | 68-118 |
| 4-Isopropyltoluene | 8260C | 22.3 | 20.0 | 112 | 58-128 |
| 4-Methyl-2-pentanone | 8260C | 18.6 | 20.0 | 93 | 64-123 |
| Acetone | 8260C | 17.1 | 20.0 | 86 | 32-154 |
| Benzene | 8260C | 21.8 | 20.0 | 109 | 77-114 |
| Bromochloromethane | 8260C | 21.6 | 20.0 | 108 | 78-117 |
| Bromodichloromethane | 8260C | 19.1 | 20.0 | 95 | 72-118 |
| Bromoform | 8260C | 17.0 | 20.0 | 85 | 55-134 |
| Bromomethane | 8260C | 15.7 | 20.0 | 79 | 10-150 |
| Carbon Disulfide | 8260C | 19.5 | 20.0 | 97 | 44-139 |
| Carbon Tetrachloride | 8260C | 19.9 | 20.0 | 99 | 51-123 |
| Chlorobenzene | 8260C | 21.5 | 20.0 | 108 | 79-115 |
| Chloroethane | 8260C | 11.3 | 20.0 | 57 | 10-140 |
| Chloroform | 8260C | 21.8 | 20.0 | 109 | 76-115 |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

**Service Request:** R2310210
**Date Analyzed:** 11/13/23

## Lab Control Sample Summary
## Volatile Organic Compounds by GC/MS, Unp

**Units:**ug/Kg
**Basis:**Dry

### Lab Control Sample
RQ2314909-03

| Analyte Name | Analytical Method | Result | Spike Amount | % Rec | % Rec Limits |
|---|---|---|---|---|---|
| Chloromethane | 8260C | 25.0 | 20.0 | 125 | 63-189 |
| Cyclohexane | 8260C | 20.7 | 20.0 | 104 | 67-122 |
| Dibromochloromethane | 8260C | 18.2 | 20.0 | 91 | 68-121 |
| Dichlorodifluoromethane (CFC 12) | 8260C | 26.0 | 20.0 | 130 | 51-144 |
| Dichloromethane | 8260C | 22.0 | 20.0 | 110 | 72-118 |
| Ethylbenzene | 8260C | 20.9 | 20.0 | 105 | 64-118 |
| Isopropylbenzene (Cumene) | 8260C | 21.9 | 20.0 | 110 | 60-123 |
| Methyl Acetate | 8260C | 14.9 | 20.0 | 74 | 31-122 |
| Methyl tert-Butyl Ether | 8260C | 23.3 | 20.0 | 117 | 76-118 |
| Methylcyclohexane | 8260C | 21.3 | 20.0 | 106 | 70-124 |
| Styrene | 8260C | 21.8 | 20.0 | 109 | 74-117 |
| Tetrachloroethene (PCE) | 8260C | 21.6 | 20.0 | 108 | 58-124 |
| Toluene | 8260C | 21.2 | 20.0 | 106 | 72-116 |
| Trichloroethene (TCE) | 8260C | 20.9 | 20.0 | 104 | 69-118 |
| Trichlorofluoromethane (CFC 11) | 8260C | 24.2 | 20.0 | 121 | 52-127 |
| Vinyl Chloride | 8260C | 23.2 | 20.0 | 116 | 59-153 |
| cis-1,2-Dichloroethene | 8260C | 21.0 | 20.0 | 105 | 79-113 |
| cis-1,3-Dichloropropene | 8260C | 20.7 | 20.0 | 103 | 66-117 |
| m,p-Xylenes | 8260C | 42.9 | 40.0 | 107 | 68-118 |
| n-Butylbenzene | 8260C | 23.0 | 20.0 | 115 | 54-131 |
| n-Propylbenzene | 8260C | 21.9 | 20.0 | 110 | 59-126 |
| o-Xylene | 8260C | 21.3 | 20.0 | 107 | 71-116 |
| sec-Butylbenzene | 8260C | 22.3 | 20.0 | 112 | 54-128 |
| tert-Butylbenzene | 8260C | 21.2 | 20.0 | 106 | 58-123 |
| trans-1,2-Dichloroethene | 8260C | 23.3 | 20.0 | 117 * | 73-114 |
| trans-1,3-Dichloropropene | 8260C | 20.2 | 20.0 | 101 | 57-135 |

# Semivolatile Organic Compounds by GC/MS

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

**Client:** Sessler Environmental Services **Service Request:** R2310210
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY

### Semivolatile Organic Compounds by GC/MS using Microwave Digestion

**Analysis Method:** 8270D
**Extraction Method:** EPA 3546

| Sample Name | Lab Code | 2,4,6-Tribromophenol 18 - 123 | 2-Fluorobiphenyl 18 - 104 | 2-Fluorophenol 13 - 96 |
|---|---|---|---|---|
| Lagoon Comp 1 | R2310210-001 | 66 | 85 | 89 |
| Method Blank | RQ2315046-01 | 71 | 83 | 67 |
| Lab Control Sample | RQ2315046-02 | 72 | 86 | 78 |
| Duplicate Lab Control Sample | RQ2315046-03 | 71 | 84 | 75 |

**Client:** Sessler Environmental Services **Service Request:** R2310210
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY

## Semivolatile Organic Compounds by GC/MS using Microwave Digestion

**Analysis Method:** 8270D
**Extraction Method:** EPA 3546

| Sample Name | Lab Code | Nitrobenzene-d5 12 - 98 | Phenol-d6 16 - 95 | Terphenyl-d14 26 - 134 |
|---|---|---|---|---|
| Lagoon Comp 1 | R2310210-001 | 94 | 82 | 86 |
| Method Blank | RQ2315046-01 | 79 | 71 | 96 |
| Lab Control Sample | RQ2315046-02 | 85 | 86 | 90 |
| Duplicate Lab Control Sample | RQ2315046-03 | 82 | 84 | 89 |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310210 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/Kg |
| **Lab Code:** | RQ2315046-01 | **Basis:** | Dry |

**Semivolatile Organic Compounds by GC/MS using Microwave Digestion**

**Analysis Method:** 8270D
**Prep Method:** EPA 3546

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 1,2,4,5-Tetrachlorobenzene | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| 2,3,4,6-Tetrachlorophenol | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| 2,4,5-Trichlorophenol | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| 2,4,6-Trichlorophenol | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| 2,4-Dichlorophenol | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| 2,4-Dimethylphenol | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| 2,4-Dinitrophenol | 1700 U | 1700 | 1 | 11/27/23 16:25 | 11/15/23 | |
| 2,4-Dinitrotoluene | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| 2,6-Dinitrotoluene | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| 2-Chloronaphthalene | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| 2-Chlorophenol | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| 2-Methylnaphthalene | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| 2-Methylphenol | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| 2-Nitroaniline | 1700 U | 1700 | 1 | 11/27/23 16:25 | 11/15/23 | |
| 2-Nitrophenol | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| 3,3'-Dichlorobenzidine | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| 3- and 4-Methylphenol Coelution | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| 3-Nitroaniline | 1700 U | 1700 | 1 | 11/27/23 16:25 | 11/15/23 | |
| 4,6-Dinitro-2-methylphenol | 1700 U | 1700 | 1 | 11/27/23 16:25 | 11/15/23 | |
| 4-Bromophenyl Phenyl Ether | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| 4-Chloro-3-methylphenol | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| 4-Chloroaniline | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| 4-Chlorophenyl Phenyl Ether | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| 4-Nitroaniline | 1700 U | 1700 | 1 | 11/27/23 16:25 | 11/15/23 | |
| 4-Nitrophenol | 1700 U | 1700 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Acenaphthene | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Acenaphthylene | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Acetophenone | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Anthracene | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Atrazine | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Benz(a)anthracene | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Benzaldehyde | 1700 U | 1700 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Benzo(a)pyrene | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Benzo(b)fluoranthene | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Benzo(g,h,i)perylene | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Benzo(k)fluoranthene | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Biphenyl | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| 2,2'-Oxybis(1-chloropropane) | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Bis(2-chloroethoxy)methane | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Bis(2-chloroethyl) Ether | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Bis(2-ethylhexyl) Phthalate | 510 U | 510 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Butyl Benzyl Phthalate | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Caprolactam | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310210 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/Kg |
| **Lab Code:** | RQ2315046-01 | **Basis:** | Dry |

**Semivolatile Organic Compounds by GC/MS using Microwave Digestion**

**Analysis Method:** 8270D
**Prep Method:** EPA 3546

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| Carbazole | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Chrysene | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Di-n-butyl Phthalate | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Di-n-octyl Phthalate | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Dibenz(a,h)anthracene | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Dibenzofuran | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Diethyl Phthalate | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Dimethyl Phthalate | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Fluoranthene | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Fluorene | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Hexachlorobenzene | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Hexachlorobutadiene | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Hexachlorocyclopentadiene | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Hexachloroethane | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Indeno(1,2,3-cd)pyrene | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Isophorone | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| N-Nitrosodi-n-propylamine | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| N-Nitrosodiphenylamine | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Naphthalene | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Nitrobenzene | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Pentachlorophenol (PCP) | 1700 U | 1700 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Phenanthrene | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Phenol | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |
| Pyrene | 340 U | 340 | 1 | 11/27/23 16:25 | 11/15/23 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 2,4,6-Tribromophenol | 71 | 18 - 123 | 11/27/23 16:25 | |
| 2-Fluorobiphenyl | 83 | 18 - 104 | 11/27/23 16:25 | |
| 2-Fluorophenol | 67 | 13 - 96 | 11/27/23 16:25 | |
| Nitrobenzene-d5 | 79 | 12 - 98 | 11/27/23 16:25 | |
| Phenol-d6 | 71 | 16 - 95 | 11/27/23 16:25 | |
| Terphenyl-d14 | 96 | 26 - 134 | 11/27/23 16:25 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

**Service Request:** R2310210
**Date Analyzed:** 11/27/23

## Duplicate Lab Control Sample Summary
## Semivolatile Organic Compounds by GC/MS using Microwave Digestion

**Units:**ug/Kg
**Basis:**Dry

| | | Lab Control Sample | | | Duplicate Lab Control Sample | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | RQ2315046-02 | | | RQ2315046-03 | | | | | |
| **Analyte Name** | **Analytical Method** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| 1,2,4,5-Tetrachlorobenzene | 8270D | 1340 | 1720 | 78 | 1330 | 1730 | 77 | 20-126 | <1 | 30 |
| 2,3,4,6-Tetrachlorophenol | 8270D | 3260 | 3300 | 99 | 3390 | 3300 | 103 | 42-117 | 4 | 30 |
| 2,4,5-Trichlorophenol | 8270D | 3230 | 3300 | 98 | 3420 | 3300 | 104 | 40-114 | 6 | 30 |
| 2,4,6-Trichlorophenol | 8270D | 3120 | 3300 | 95 | 3270 | 3300 | 99 | 33-108 | 5 | 30 |
| 2,4-Dichlorophenol | 8270D | 3230 | 3300 | 98 | 3400 | 3300 | 103 | 30-103 | 5 | 30 |
| 2,4-Dimethylphenol | 8270D | 2960 | 3300 | 90 | 3360 | 3300 | 102 * | 32-100 | 13 | 30 |
| 2,4-Dinitrophenol | 8270D | 1670 J | 3300 | 51 | 1620 J | 3300 | 49 | 10-97 | 3 | 30 |
| 2,4-Dinitrotoluene | 8270D | 2980 | 3300 | 90 | 3160 | 3300 | 96 | 53-120 | 6 | 30 |
| 2,6-Dinitrotoluene | 8270D | 3540 | 3300 | 107 | 3810 | 3300 | 116 | 48-119 | 7 | 30 |
| 2-Chloronaphthalene | 8270D | 2840 | 3300 | 86 | 2970 | 3300 | 90 | 33-103 | 4 | 30 |
| 2-Chlorophenol | 8270D | 2780 | 3300 | 84 | 2840 | 3300 | 86 | 26-90 | 2 | 30 |
| 2-Methylnaphthalene | 8270D | 2710 | 3300 | 82 | 2810 | 3300 | 85 | 29-99 | 3 | 30 |
| 2-Methylphenol | 8270D | 3000 | 3300 | 91 | 3120 | 3300 | 94 | 33-99 | 4 | 30 |
| 2-Nitroaniline | 8270D | 3810 | 3300 | 116 | 4070 | 3300 | 123 * | 41-119 | 7 | 30 |
| 2-Nitrophenol | 8270D | 3150 | 3300 | 96 | 3220 | 3300 | 98 | 24-98 | 2 | 30 |
| 3- and 4-Methylphenol Coelution | 8270D | 2650 | 3300 | 80 | 2750 | 3300 | 83 | 32-100 | 4 | 30 |
| 3-Nitroaniline | 8270D | 1810 | 3300 | 55 | 2030 | 3300 | 62 | 29-105 | 11 | 30 |
| 4,6-Dinitro-2-methylphenol | 8270D | 3150 | 3300 | 96 | 3090 | 3300 | 94 | 20-105 | 2 | 30 |
| 4-Bromophenyl Phenyl Ether | 8270D | 3510 | 3300 | 106 | 3790 | 3300 | 115 | 37-116 | 8 | 30 |
| 4-Chloro-3-methylphenol | 8270D | 3420 | 3300 | 104 | 3640 | 3300 | 110 | 40-116 | 6 | 30 |
| 4-Chloroaniline | 8270D | 1120 | 3300 | 34 | 1270 | 3300 | 39 | 10-87 | 13 | 30 |
| 4-Chlorophenyl Phenyl Ether | 8270D | 2680 | 3300 | 81 | 2790 | 3300 | 84 | 42-111 | 4 | 30 |
| 4-Nitroaniline | 8270D | 2810 | 3300 | 85 | 3000 | 3300 | 91 | 43-120 | 7 | 30 |
| 4-Nitrophenol | 8270D | 3430 | 3300 | 104 | 3600 | 3300 | 109 | 34-116 | 5 | 30 |
| Acenaphthene | 8270D | 2910 | 3300 | 88 | 3060 | 3300 | 93 | 41-110 | 5 | 30 |
| Acenaphthylene | 8270D | 2950 | 3300 | 90 | 3110 | 3300 | 94 | 44-122 | 5 | 30 |
| Acetophenone | 8270D | 4320 | 6590 | 66 | 4350 | 6600 | 66 | 23-87 | <1 | 30 |
| Anthracene | 8270D | 3270 | 3300 | 99 | 3440 | 3300 | 104 | 41-123 | 5 | 30 |
| Benz(a)anthracene | 8270D | 2910 | 3300 | 88 | 3070 | 3300 | 93 | 44-116 | 5 | 30 |
| Benzo(a)pyrene | 8270D | 3050 | 3300 | 93 | 3240 | 3300 | 98 | 56-146 | 6 | 30 |
| Benzo(b)fluoranthene | 8270D | 2720 | 3300 | 82 | 2880 | 3300 | 87 | 47-120 | 6 | 30 |
| Benzo(g,h,i)perylene | 8270D | 3110 | 3300 | 94 | 3280 | 3300 | 99 | 41-129 | 5 | 30 |
| Benzo(k)fluoranthene | 8270D | 3040 | 3300 | 92 | 3180 | 3300 | 96 | 49-124 | 4 | 30 |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

**Service Request:** R2310210
**Date Analyzed:** 11/27/23

## Duplicate Lab Control Sample Summary
## Semivolatile Organic Compounds by GC/MS using Microwave Digestion

**Units:**ug/Kg
**Basis:**Dry

| | | Lab Control Sample | | | Duplicate Lab Control Sample | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | RQ2315046-02 | | | RQ2315046-03 | | | | | |
| **Analyte Name** | **Analytical Method** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| Biphenyl | 8270D | 2650 | 3300 | 80 | 2680 | 3300 | 81 | 24-112 | <1 | 30 |
| 2,2'-Oxybis(1-chloropropane) | 8270D | 3790 | 3300 | 115 * | 3830 | 3300 | 116 * | 22-99 | <1 | 30 |
| Bis(2-chloroethoxy)methane | 8270D | 3200 | 3300 | 97 | 3320 | 3300 | 101 | 38-119 | 4 | 30 |
| Bis(2-chloroethyl) Ether | 8270D | 2630 | 3300 | 80 | 2670 | 3300 | 81 | 23-94 | 2 | 30 |
| Bis(2-ethylhexyl) Phthalate | 8270D | 3070 | 3300 | 93 | 3230 | 3300 | 98 | 38-139 | 5 | 30 |
| Butyl Benzyl Phthalate | 8270D | 3260 | 3300 | 99 | 3490 | 3300 | 106 | 40-134 | 7 | 30 |
| Caprolactam | 8270D | 2710 | 3300 | 82 | 2810 | 3300 | 85 | 21-128 | 4 | 30 |
| Carbazole | 8270D | 3810 | 3300 | 116 | 3950 | 3300 | 120 | 42-131 | 4 | 30 |
| Chrysene | 8270D | 3110 | 3300 | 94 | 3270 | 3300 | 99 | 44-119 | 5 | 30 |
| Di-n-butyl Phthalate | 8270D | 4060 | 3300 | 123 | 4220 | 3300 | 128 | 42-141 | 4 | 30 |
| Di-n-octyl Phthalate | 8270D | 3240 | 3300 | 98 | 3440 | 3300 | 104 | 38-143 | 6 | 30 |
| Dibenz(a,h)anthracene | 8270D | 3020 | 3300 | 92 | 3200 | 3300 | 97 | 18-146 | 6 | 30 |
| Dibenzofuran | 8270D | 2990 | 3300 | 91 | 3170 | 3300 | 96 | 43-113 | 6 | 30 |
| Diethyl Phthalate | 8270D | 3040 | 3300 | 92 | 3220 | 3300 | 98 | 43-118 | 6 | 30 |
| Dimethyl Phthalate | 8270D | 3000 | 3300 | 91 | 3200 | 3300 | 97 | 40-118 | 6 | 30 |
| Fluoranthene | 8270D | 3890 | 3300 | 118 | 4060 | 3300 | 123 | 39-128 | 4 | 30 |
| Fluorene | 8270D | 2730 | 3300 | 83 | 2860 | 3300 | 87 | 40-117 | 5 | 30 |
| Hexachlorobenzene | 8270D | 3540 | 3300 | 107 | 3770 | 3300 | 114 | 35-122 | 6 | 30 |
| Hexachlorobutadiene | 8270D | 2670 | 3300 | 81 | 2740 | 3300 | 83 | 28-96 | 2 | 30 |
| Hexachlorocyclopentadiene | 8270D | 2200 | 3300 | 67 | 2330 | 3300 | 71 | 10-111 | 6 | 30 |
| Hexachloroethane | 8270D | 1970 | 3300 | 60 | 2070 | 3300 | 63 | 18-85 | 5 | 30 |
| Indeno(1,2,3-cd)pyrene | 8270D | 3000 | 3300 | 91 | 3230 | 3300 | 98 | 43-129 | 7 | 30 |
| Isophorone | 8270D | 2890 | 3300 | 88 | 3010 | 3300 | 91 | 39-104 | 4 | 30 |
| N-Nitrosodi-n-propylamine | 8270D | 3040 | 3300 | 92 | 3170 | 3300 | 96 | 30-98 | 4 | 30 |
| N-Nitrosodiphenylamine | 8270D | 3460 | 3300 | 105 | 3670 | 3300 | 111 | 43-130 | 6 | 30 |
| Naphthalene | 8270D | 2560 | 3300 | 78 | 2630 | 3300 | 80 | 31-93 | 3 | 30 |
| Nitrobenzene | 8270D | 2940 | 3300 | 89 | 3000 | 3300 | 91 | 31-99 | 2 | 30 |
| Pentachlorophenol (PCP) | 8270D | 2530 | 3300 | 77 | 2410 | 3300 | 73 | 36-138 | 5 | 30 |
| Phenanthrene | 8270D | 3350 | 3300 | 102 | 3510 | 3300 | 106 | 39-120 | 5 | 30 |
| Phenol | 8270D | 3170 | 3300 | 96 | 3260 | 3300 | 99 | 31-100 | 3 | 30 |
| Pyrene | 8270D | 3090 | 3300 | 94 | 3230 | 3300 | 98 | 45-125 | 5 | 30 |

# Semivolatile Organic Compounds by GC

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
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**Client:** Sessler Environmental Services **Service Request:** R2310210
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## Polychlorinated Biphenyls (PCBs) by GC using Microwave Extraction

**Analysis Method:** 8082A
**Extraction Method:** EPA 3546

| Sample Name | Lab Code | Decachlorobiphenyl 10 - 138 | Tetrachloro-m-xylene 11 - 122 |
|---|---|---|---|
| Lagoon Comp 1 | R2310210-001 | 64 | 61 |
| Method Blank | RQ2314603-01 | 112 | 95 |
| Method Blank | RQ2314603-01 | 89 | 87 |
| Lab Control Sample | RQ2314603-02 | 105 | 92 |
| Lab Control Sample | RQ2314603-02 | 85 | 83 |
| Duplicate Lab Control Sample | RQ2314603-03 | 74 | 63 |
| Duplicate Lab Control Sample | RQ2314603-03 | 64 | 58 |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310210 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/Kg |
| **Lab Code:** | RQ2314603-01 | **Basis:** | Dry |

## Polychlorinated Biphenyls (PCBs) by GC using Microwave Extraction

**Analysis Method:** 8082A
**Prep Method:** EPA 3546

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| Aroclor 1016 | 33 U | 33 | 1 | 11/13/23 16:23 | 11/7/23 | |
| Aroclor 1221 | 67 U | 67 | 1 | 11/13/23 16:23 | 11/7/23 | |
| Aroclor 1232 | 33 U | 33 | 1 | 11/13/23 16:23 | 11/7/23 | |
| Aroclor 1242 | 33 U | 33 | 1 | 11/13/23 16:23 | 11/7/23 | |
| Aroclor 1248 | 33 U | 33 | 1 | 11/13/23 16:23 | 11/7/23 | |
| Aroclor 1254 | 33 U | 33 | 1 | 11/13/23 16:23 | 11/7/23 | |
| Aroclor 1260 | 33 U | 33 | 1 | 11/13/23 16:23 | 11/7/23 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Decachlorobiphenyl | 112 | 10 - 138 | 11/13/23 16:23 | |
| Tetrachloro-m-xylene | 95 | 11 - 122 | 11/13/23 16:23 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310210 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/Kg |
| **Lab Code:** | RQ2314603-01 | **Basis:** | Dry |

## Polychlorinated Biphenyls (PCBs) by GC using Microwave Extraction

**Analysis Method:** 8082A
**Prep Method:** EPA 3546

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| Aroclor 1016 | 33 U | 33 | 1 | 11/16/23 23:21 | 11/7/23 | |
| Aroclor 1221 | 67 U | 67 | 1 | 11/16/23 23:21 | 11/7/23 | |
| Aroclor 1232 | 33 U | 33 | 1 | 11/16/23 23:21 | 11/7/23 | |
| Aroclor 1242 | 33 U | 33 | 1 | 11/16/23 23:21 | 11/7/23 | |
| Aroclor 1248 | 33 U | 33 | 1 | 11/16/23 23:21 | 11/7/23 | |
| Aroclor 1254 | 33 U | 33 | 1 | 11/16/23 23:21 | 11/7/23 | |
| Aroclor 1260 | 33 U | 33 | 1 | 11/16/23 23:21 | 11/7/23 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Decachlorobiphenyl | 89 | 10 - 138 | 11/16/23 23:21 | |
| Tetrachloro-m-xylene | 87 | 11 - 122 | 11/16/23 23:21 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

**Service Request:** R2310210
**Date Analyzed:** 11/16/23

## Duplicate Lab Control Sample Summary
## Polychlorinated Biphenyls (PCBs) by GC using Microwave Extraction

**Units:**ug/Kg
**Basis:**Dry

| | | | Lab Control Sample | | Duplicate Lab Control Sample | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | RQ2314603-02 | | RQ2314603-03 | | | | | |
| **Analyte Name** | **Analytical Method** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| Aroclor 1016 | 8082A | 157 | 169 | 92 | 114 | 165 | 69 | 34-141 | 32* | 30 |
| Aroclor 1260 | 8082A | 149 | 169 | 88 | 116 | 165 | 71 | 30-158 | 25 | 30 |

# Metals

**ALS Environmental—Rochester Laboratory**
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Phone (585) 288-5380 Fax (585) 288-8475
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Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310210 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Basis:** | Dry |
| **Lab Code:** | R2310210-MB | | |

## Inorganic Parameters

| Analyte Name | Analysis Method | Result | Units | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|
| Aluminum, Total | 6010C | 20 U | mg/Kg | 20 | 1 | 11/10/23 01:17 | 11/08/23 | |
| Antimony, Total | 6010C | 6.0 U | mg/Kg | 6.0 | 1 | 11/10/23 01:17 | 11/08/23 | |
| Arsenic, Total | 6010C | 1.0 U | mg/Kg | 1.0 | 1 | 11/10/23 01:17 | 11/08/23 | |
| Barium, Total | 6010C | 2.0 U | mg/Kg | 2.0 | 1 | 11/10/23 01:17 | 11/08/23 | |
| Beryllium, Total | 6010C | 0.30 U | mg/Kg | 0.30 | 1 | 11/10/23 01:17 | 11/08/23 | |
| Cadmium, Total | 6010C | 0.50 U | mg/Kg | 0.50 | 1 | 11/10/23 01:17 | 11/08/23 | |
| Calcium, Total | 6010C | 100 U | mg/Kg | 100 | 1 | 11/10/23 01:17 | 11/08/23 | |
| Chromium, Total | 6010C | 1.0 U | mg/Kg | 1.0 | 1 | 11/10/23 01:17 | 11/08/23 | |
| Cobalt, Total | 6010C | 5.0 U | mg/Kg | 5.0 | 1 | 11/10/23 01:17 | 11/08/23 | |
| Copper, Total | 6010C | 2.0 U | mg/Kg | 2.0 | 1 | 11/10/23 01:17 | 11/08/23 | |
| Iron, Total | 6010C | 20 U | mg/Kg | 20 | 1 | 11/10/23 01:17 | 11/08/23 | |
| Lead, Total | 6010C | 5.0 U | mg/Kg | 5.0 | 1 | 11/10/23 01:17 | 11/08/23 | |
| Magnesium, Total | 6010C | 100 U | mg/Kg | 100 | 1 | 11/10/23 01:17 | 11/08/23 | |
| Manganese, Total | 6010C | 2.0 U | mg/Kg | 2.0 | 1 | 11/10/23 01:17 | 11/08/23 | |
| Mercury, Total | 7471B | 0.020 U | mg/Kg | 0.020 | 1 | 11/13/23 10:23 | 11/10/23 | |
| Nickel, Total | 6010C | 4.0 U | mg/Kg | 4.0 | 1 | 11/10/23 01:17 | 11/08/23 | |
| Potassium, Total | 6010C | 200 U | mg/Kg | 200 | 1 | 11/10/23 01:17 | 11/08/23 | |
| Selenium, Total | 6010C | 1.0 U | mg/Kg | 1.0 | 1 | 11/10/23 01:17 | 11/08/23 | |
| Silver, Total | 6010C | 1.0 U | mg/Kg | 1.0 | 1 | 11/10/23 01:17 | 11/08/23 | |
| Sodium, Total | 6010C | 100 U | mg/Kg | 100 | 1 | 11/10/23 01:17 | 11/08/23 | |
| Thallium, Total | 6010C | 1.0 U | mg/Kg | 1.0 | 1 | 11/10/23 01:17 | 11/08/23 | |
| Vanadium, Total | 6010C | 5.0 U | mg/Kg | 5.0 | 1 | 11/10/23 01:17 | 11/08/23 | |
| Zinc, Total | 6010C | 2.0 U | mg/Kg | 2.0 | 1 | 11/10/23 01:17 | 11/08/23 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

**Service Request:** R2310210
**Date Analyzed:** 11/10/23 - 11/13/23

## Lab Control Sample Summary
## Inorganic Parameters

**Units:**mg/Kg
**Basis:**Dry

### Lab Control Sample
R2310210-LCS

| Analyte Name | Analytical Method | Result | Spike Amount | % Rec | % Rec Limits |
|---|---|---|---|---|---|
| Aluminum, Total | 6010C | 190 | 200 | 95 | 80-120 |
| Antimony, Total | 6010C | 48.8 | 50.0 | 98 | 80-120 |
| Arsenic, Total | 6010C | 3.6 | 4.0 | 90 | 80-120 |
| Barium, Total | 6010C | 202 | 200 | 101 | 80-120 |
| Beryllium, Total | 6010C | 4.73 | 5.00 | 95 | 80-120 |
| Cadmium, Total | 6010C | 5.07 | 5.00 | 101 | 80-120 |
| Calcium, Total | 6010C | 200 | 200 | 101 | 80-120 |
| Chromium, Total | 6010C | 20.6 | 20.0 | 103 | 80-120 |
| Cobalt, Total | 6010C | 51.0 | 50.0 | 102 | 80-120 |
| Copper, Total | 6010C | 25.2 | 25.0 | 101 | 80-120 |
| Iron, Total | 6010C | 101 | 100 | 101 | 80-120 |
| Lead, Total | 6010C | 50.4 | 50.0 | 101 | 80-120 |
| Magnesium, Total | 6010C | 200 | 200 | 98 | 80-120 |
| Manganese, Total | 6010C | 49.5 | 50.0 | 99 | 80-120 |
| Mercury, Total | 7471B | 0.101 | 0.100 | 101 | 80-120 |
| Nickel, Total | 6010C | 52.1 | 50.0 | 104 | 80-120 |
| Potassium, Total | 6010C | 1870 | 2000 | 93 | 80-120 |
| Selenium, Total | 6010C | 91.3 | 101 | 90 | 80-120 |
| Silver, Total | 6010C | 5.0 | 5.0 | 99 | 80-120 |
| Sodium, Total | 6010C | 1940 | 2000 | 97 | 80-120 |
| Thallium, Total | 6010C | 194 | 200 | 97 | 80-120 |
| Vanadium, Total | 6010C | 50.1 | 50.0 | 100 | 80-120 |
| Zinc, Total | 6010C | 51.5 | 50.0 | 103 | 80-120 |

# General Chemistry

**ALS Environmental—Rochester Laboratory**
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Phone (585) 288-5380 Fax (585) 288-8475
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Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310210 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Basis:** | Dry |
| **Lab Code:** | R2310210-MB | | |

## Inorganic Parameters

| Analyte Name | Analysis Method | Result | Units | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|
| Cyanide, Total | 9012B | 0.30 U | mg/Kg | 0.30 | 1 | 11/09/23 21:26 | 11/10/23 | |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310210 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | 11/01/23 |
| **Sample Matrix:** | Soil | **Date Received:** | 11/02/23 |
| | | **Date Analyzed:** | 11/9/23 |
| | | **Date Extracted:** | 11/10/23 |

## Duplicate Matrix Spike Summary
## Cyanide, Total

| | | | |
|---|---|---|---|
| **Sample Name:** | Lagoon Comp 1 | **Units:** | mg/Kg |
| **Lab Code:** | R2310210-001 | **Basis:** | Dry |
| **Analysis Method:** | 9012B | | |
| **Prep Method:** | Method | | |

| | | Matrix Spike | | | Duplicate Matrix Spike | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | R2310210-001MS | | | R2310210-001DMS | | | | | |
| **Analyte Name** | **Sample Result** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| Cyanide, Total | 0.28 | 3.52 | 3.56 | 91 | 3.75 | 3.54 | 98 | 10-159 | 6 | 30 |

**Results flagged with an asterisk (*) indicate values outside control criteria.**

**Results flagged with a pound (#) indicate the control criteria is not applicable.**

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

**Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.**

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

**Service Request:** R2310210
**Date Analyzed:** 11/09/23

## Lab Control Sample Summary
## General Chemistry Parameters

**Units:**mg/Kg
**Basis:**Dry

### Lab Control Sample
R2310210-LCS1

| Analyte Name | Analytical Method | Result | Spike Amount | % Rec | % Rec Limits |
|---|---|---|---|---|---|
| Cyanide, Total | 9012B | 3.07 | 3.00 | 102 | 85-115 |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

**Service Request:** R2310210
**Date Analyzed:** 11/09/23

## Lab Control Sample Summary
## General Chemistry Parameters

**Units:**mg/Kg
**Basis:**Dry

### Lab Control Sample
R2310210-LCS2

| Analyte Name | Analytical Method | Result | Spike Amount | % Rec | % Rec Limits |
|---|---|---|---|---|---|
| Cyanide, Total | 9012B | 16.0 | 18.0 | 89 | 85-115 |

December 05, 2023 Service Request No:R2310212

Frank Thomas
Sessler Environmental Services
1330 Research Forest
Macedon, NY 14502

**Laboratory Results for: Bisonite Paint**

Dear Frank,

Enclosed are the results of the sample(s) submitted to our laboratory November 02, 2023
For your reference, these analyses have been assigned our service request number **R2310212.**

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7472. You may also contact me via email at Janice.Jaeger@alsglobal.com.

Respectfully submitted,

**ALS Group USA, Corp. dba ALS Environmental**



Janice Jaeger
Project Manager

CC: Accounts Payable

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ALS Group USA, Corp.
dba ALS Environmental

# Narrative Documents

**ALS Environmental—Rochester Laboratory**
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www.alsglobal.com

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint
**Sample Matrix:** Soil

**Service Request:** R2310212
**Date Received:** 11/02/2023

## CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

**Sample Receipt:**

One soil sample was received for analysis at ALS Environmental on 11/02/2023. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

**Semivolatiles by GC/MS:**

Method 8270D, 11/17/2023: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

**Semivoa GC:**

Method 8081B, 11/27/2023: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
The RPD between the LCS and the LCSD was greater than the RPD limit. The percent recovery limit was met for both the LCS and the LCSD.

**Metals:**

No significant anomalies were noted with this analysis.

**General Chemistry:**

No significant anomalies were noted with this analysis.

**Subcontracted Analytical Parameters:**

No significant anomalies were noted with this analysis.

**Volatiles by GC/MS:**

Method 8260C, 11/22/2023: The upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.

Approved by _____ Date 12/05/2023

## SAMPLE DETECTION SUMMARY

This form includes only detections above the reporting levels. For a full listing of sample results, continue to the Sample Results section of this Report.

| CLIENT ID: Logoon Comp 1 | | | Lab ID: R2310212-001 | | | |
|---|---|---|---|---|---|---|
| **Analyte** | **Results** | **Flag** | **MDL** | **MRL** | **Units** | **Method** |
| Barium | 1.5 | | | 1.0 | mg/L | 6010C |
| Lead | 1.73 | | | 0.10 | mg/L | 6010C |
| pH | 7.90 | | | | pH Units | 9045D |

# Sample Receipt Information

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

**Client:** Sessler Environmental Services **Service Request:**R2310212
**Project:** Bisonite Paint/23-E789

## SAMPLE CROSS-REFERENCE

| SAMPLE # | CLIENT SAMPLE ID | DATE | TIME |
|---|---|---|---|
| R2310212-001 | Logoon Comp 1 | 11/1/2023 | 1230 |

# Chain of Custody / Analytical Request Form

75895

SR#:

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Page 8 of 8

**Report To:**

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER

Company: Sessler Environmental
Contact: Frank Thomas
Email: fthomas@sesslerenv.com
Phone: 585-617-5710
Address: 1330 Research Forest, Macedon, NY 14502

Project Name: Bisonite Paint / Tonawanda Storage
Project Number: 23-E789
ALS Quote #:
Sampler's Signature: Frank Thomas
Email CC: fthomas@sesslerenv.com
Email CC:
State Samples Collected (Circle or Write): NY, MA, PA, CT, Other:

Preservative: 0. None; 1. HCl; 2. HNO3; 3. H2SO4; 4. NAOH; 5. Zn Acet.; 6. MeOH; 7. NaHSO4; 8. Other 40

| Lab ID (ALS) | Sample ID: | Date | Time | Matrix (GW, WW, SW, DW, S, L, NA) | Number of Containers | MS/MSD? | GC/MS VOA - 8260•624•524•TCLP | GC/MS SVOA - 8270 • 625 • TCLP | Pesticides - 8081 • 608 • TCLP | PCBs - 8082 • 608 | Herbicides - 8151 • TCLP | Metals, Total - Select Below | Metals, Dissolved - Field / In-Lab Filter | FULL RCRA TCLP | SVOCs, PCBs, TAL Metals, Sulfide, pH | TCL VOCs + CPS1 TCLP | TCL VOCs + CPS1 | Ignitability, Reactivity | | Notes: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Lagoon Comp 1 | 11/1/23 | 12:30 | S | 5 | | | | | | | | | X | X | X | X | X | | |

Special Instructions / Comments:

**Turnaround Requirements**

____Rush (Surcharges Apply)
*Subject to Availability*
*Please Check with your PM*
✓ Standard (10 Business Days)
Date Required: on or before 11/22

**Report Requirements**

____Tier II/Cat A -Results/QC
____Tier IV/Cat B - Data Validation Report w/. Data
EDD: ____Yes ✓No
EDD Type:

Metals: RCRA • PP 13 • TAL 23 • TCLP • Other (List)

R2310212 5
Sessler Environmental Services
Bisonite Paint

PO #: 23-E789
Company: Sessler Env.
Contact: Justin Marullo
Email: APe sesslerenv.com
Phone: 585-617-5710
Address: Macedon

| | Relinquished By: | Received By: | Relinquished By: | Received By: | Relinquished By: | Received By: |
|---|---|---|---|---|---|---|
| Signature | Frank Thomas | | | | | |
| Printed Name | Frank Thomas | Gregory D. Fomerman | | | | |
| Company | Sessler | ALS | | | | |
| Date/Time | 11/2 15:10 | 11/2/23 1511D | | | | |

Distribution: White - Lab Copy; Yellow - Return to Originator



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R2310212 5
Sessler Environmental Services
Biconite Paint

# Cooler Receipt and Preservati

Project/Client Sessler Env. Folder Number

Cooler received on 11/2/23 by: JE

**COURIER:** ALS UPS FEDEX VELOCITY (CLIENT)

| | | | | | |
|---|---|---|---|---|---|
| 1 | Were **Custody seals** on outside of cooler? | Y (N) | 5a | **Perchlorate** samples have required headspace? | Y N (NA) |
| 2 | **Custody papers** properly completed (ink, signed)? | (Y) N | 5b | Did VOA vials, Alk,or Sulfide have sig* **bubbles**? | Y N (NA) |
| 3 | Did all bottles arrive in good **condition** (unbroken)? | (Y) N | 6 | Where did the bottles originate? | (ALS/ROC) CLIENT |
| 4 | Circle: **Wet Ice Dry Ice Gel packs** present? | Y (N) | 7 | Soil VOA received as: Bulk Encore 5035set | (NA) |

8. Temperature Readings Date: 11/2/23 Time: 1511 ID: IR#12 (IR#11) From: Temp Blank (Sample Bottle)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Observed Temp (°C) | 12.7 | | | | | | |
| Within 0-6°C? | Y (N) | Y N | Y N | Y N | Y N | Y N | Y N |
| If <0°C, were samples frozen? | Y N | Y N | Y N | Y N | Y N | Y N | Y N |

**If out of Temperature, note packing/ice condition:** _____ Ice melted Poorly Packed (described below) Same Day Rule

**&Client Approval to Run Samples:** _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: R-007 by JE on 11/2/23 at 1513
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 11/3/23 Time: 1525 by: RR

9. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? (YES) NO
10. Did all bottle labels and tags agree with custody papers? (YES) NO
11. Were correct containers used for the tests indicated? (YES) NO
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO (N/A)
13. Were dissolved metals filtered in the field? YES NO (N/A)
14. Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized Tedlar® Bags Inflated (N/A)

| pH | Lot of test paper | Reagent | Preserved? Yes | Preserved? No | Lot Received | Exp | Sample ID Adjusted | Vol. Added | Lot Added | Final pH |
|---|---|---|---|---|---|---|---|---|---|---|
| ≥12 | | NaOH | | | | | | | | |
| ≤2 | | $HNO_3$ | | | | | | | | |
| ≤2 | | $H_2SO_4$ | | | | | | | | |
| <4 | | $NaHSO_4$ | | | | | | | | |
| 5-9 | | For 608pest | | | No=Notify for 3day | | | | | |
| Residual Chlorine (-) | | For CN, Phenol, 625, 608pest, 522 | | | If +, contact PM to add $Na_2S_2O_3$ (625, 608, CN), ascorbic (phenol). | | | | | |
| | | $Na_2S_2O_3$ | | | | | | | | |
| | | ZnAcetate | - | - | | | **VOAs and 1664 Not to be tested before analysis. Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives). | | | |
| | | HCl | ** | ** | | | | | | |

Bottle lot numbers: 041023-HCL, 100223-ISR
Explain all Discrepancies/ Other Comments:

| | |
|---|---|
| HPROD | BULK |
| HTR | FLDT |
| SUB | HGFB |
| ALS | LL3541 |

Labels secondary reviewed by: RR
PC Secondary Review: [signature] 11/4/23

*significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

# Miscellaneous Forms

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
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# REPORT QUALIFIERS AND DEFINITIONS

| | |
|---|---|
| U | Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative. |
| J | Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors). |
| B | Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result. |
| E | Inorganics- Concentration is estimated due to the serial dilution was outside control limits. |
| E | Organics- Concentration has exceeded the calibration range for that specific analysis. |
| D | Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed. |
| * | Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time. |
| H | Analysis was performed out of hold time for tests that have an "immediate" hold time criteria. |
| # | Spike was diluted out. |
| + | Correlation coefficient for MSA is <0.995. |
| N | Inorganics- Matrix spike recovery was outside laboratory limits. |
| N | Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search. |
| S | Concentration has been determined using Method of Standard Additions (MSA). |
| W | Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance. |
| P | Concentration >40% difference between the two GC columns. |
| C | Confirmed by GC/MS |
| Q | DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns). |
| X | See Case Narrative for discussion. |
| MRL<br>LOQ | Method Reporting Limit. Also known as:<br>Limit of Quantitation (LOQ)<br>The lowest concentration at which the method analyte may be reliably quantified under the method conditions. |
| MDL | Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier). |
| LOD | Limit of Detection. A value at or above the MDL which has been verified to be detectable. |
| ND | Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier. |

## Rochester Lab ID # for State Accreditations[1]

| NELAP States |
|---|
| Florida ID # E87674 |
| New Hampshire ID # 2941 |
| New York ID # 10145 |
| Pennsylvania ID# 68-786 |
| Virginia #460167 |

| Non-NELAP States |
|---|
| Connecticut ID #PH0556 |
| Delaware Approved |
| Maine ID #NY01587 |
| North Carolina #36701 |
| North Carolina #676 |
| Rhode Island LAO00333 |

[1] Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory. To verify NH accredited analytes, go to https://www4.des.state.nh.us/CertifiedLabs/Certified-Method.aspx.

# ALS Laboratory Group

**Acronyms**

| | |
|---|---|
| ASTM | American Society for Testing and Materials |
| A2LA | American Association for Laboratory Accreditation |
| CARB | California Air Resources Board |
| CAS Number | Chemical Abstract Service registry Number |
| CFC | Chlorofluorocarbon |
| CFU | Colony-Forming Unit |
| DEC | Department of Environmental Conservation |
| DEQ | Department of Environmental Quality |
| DHS | Department of Health Services |
| DOE | Department of Ecology |
| DOH | Department of Health |
| EPA | U. S. Environmental Protection Agency |
| ELAP | Environmental Laboratory Accreditation Program |
| GC | Gas Chromatography |
| GC/MS | Gas Chromatography/Mass Spectrometry |
| LUFT | Leaking Underground Fuel Tank |
| M | Modified |
| MCL | Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA. |
| MDL | Method Detection Limit |
| MPN | Most Probable Number |
| MRL | Method Reporting Limit |
| NA | Not Applicable |
| NC | Not Calculated |
| NCASI | National Council of the Paper Industry for Air and Stream Improvement |
| ND | Not Detected |
| NIOSH | National Institute for Occupational Safety and Health |
| PQL | Practical Quantitation Limit |
| RCRA | Resource Conservation and Recovery Act |
| SIM | Selected Ion Monitoring |
| TPH | Total Petroleum Hydrocarbons |
| tr | Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL. |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | | |

| | | | |
|---|---|---|---|
| **Sample Name:** | Logoon Comp 1 | **Date Collected:** | 11/1/23 |
| **Lab Code:** | R2310212-001 | **Date Received:** | 11/2/23 |
| **Sample Matrix:** | Soil | | |

| Analysis Method | Extracted/Digested By | Analyzed By |
|---|---|---|
| 6010C | CDISTEFANO | NMANSEN |
| 7470A | ECASTROVINCI | ECASTROVINCI |
| 8081B | EDEGRAY | AFELSER |
| 8151A | AFELSER | AFELSER |
| 8260C | | FNAEGLER |
| 8270D | EDEGRAY | AMOSES |
| 9045D | | SBIRNBERG |

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

**Water/Liquid Matrix**

| Analytical Method | Preparation Method |
|---|---|
| 200.7 | 200.2 |
| 200.8 | 200.2 |
| 6010C | 3005A/3010A |
| 6020A | ILM05.3 |
| 9034 Sulfide Acid Soluble | 9030B |
| SM 4500-CN-E Residual Cyanide | SM 4500-CN-G |
| SM 4500-CN-E WAD Cyanide | SM 4500-CN-I |

**Solid/Soil/Non-Aqueous Matrix**

| Analytical Method | Preparation Method |
|---|---|
| 6010C | 3050B |
| 6020A | 3050B |
| 6010C TCLP (1311) extract | 3005A/3010A |
| 6010 SPLP (1312) extract | 3005A/3010A |
| 7199 | 3060A |
| 300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions | DI extraction |
| For analytical methods not listed, the preparation method is the same as the analytical method reference. | |

# Sample Results

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# Volatile Organic Compounds by GC/MS

**ALS Environmental—Rochester Laboratory**
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www.alsglobal.com

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | 11/01/23 12:30 |
| **Sample Matrix:** | Soil | **Date Received:** | 11/02/23 15:10 |
| **Sample Name:** | Logoon Comp 1 | **Units:** | ug/L |
| **Lab Code:** | R2310212-001 | **Basis:** | As Received |

## TCLP Volatile Organics by GC/MS

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8260C | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 5030C | **Pre-Prep Date:** | 11/13/23 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Q |
|---|---|---|---|---|---|
| Vinyl Chloride | 50 U | 50 | 10 | 11/22/23 18:37 | |
| 1,1-Dichloroethene (1,1-DCE) | 50 U | 50 | 10 | 11/22/23 18:37 | |
| 2-Butanone (MEK) | 100 U | 100 | 10 | 11/22/23 18:37 | |
| Chloroform | 50 U | 50 | 10 | 11/22/23 18:37 | |
| Carbon Tetrachloride | 50 U | 50 | 10 | 11/22/23 18:37 | |
| Benzene | 50 U | 50 | 10 | 11/22/23 18:37 | |
| 1,2-Dichloroethane | 50 U | 50 | 10 | 11/22/23 18:37 | |
| Trichloroethene (TCE) | 50 U | 50 | 10 | 11/22/23 18:37 | |
| Tetrachloroethene (PCE) | 50 U | 50 | 10 | 11/22/23 18:37 | |
| Chlorobenzene | 50 U | 50 | 10 | 11/22/23 18:37 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Dibromofluoromethane | 99 | 80 - 116 | 11/22/23 18:37 | |
| Toluene-d8 | 99 | 87 - 121 | 11/22/23 18:37 | |
| 4-Bromofluorobenzene | 102 | 85 - 122 | 11/22/23 18:37 | |

# Semivolatile Organic Compounds by GC/MS

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | 11/01/23 12:30 |
| **Sample Matrix:** | Soil | **Date Received:** | 11/02/23 15:10 |
| **Sample Name:** | Logoon Comp 1 | **Units:** | ug/L |
| **Lab Code:** | R2310212-001 | **Basis:** | As Received |

## TCLP Semivolatile Organic Compounds by GC/MS

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8270D | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 3510C | **Pre-Prep Date:** | 11/11/23 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 1,4-Dichlorobenzene | 100 U | 100 | 1 | 11/17/23 15:57 | 11/16/23 | |
| 2,4,5-Trichlorophenol | 100 U | 100 | 1 | 11/17/23 15:57 | 11/16/23 | |
| 2,4,6-Trichlorophenol | 100 U | 100 | 1 | 11/17/23 15:57 | 11/16/23 | |
| 2,4-Dinitrotoluene | 100 U | 100 | 1 | 11/17/23 15:57 | 11/16/23 | |
| 2-Methylphenol | 100 U | 100 | 1 | 11/17/23 15:57 | 11/16/23 | |
| 3- and 4-Methylphenol Coelution | 100 U | 100 | 1 | 11/17/23 15:57 | 11/16/23 | |
| Hexachlorobenzene | 100 U | 100 | 1 | 11/17/23 15:57 | 11/16/23 | |
| Hexachlorobutadiene | 100 U | 100 | 1 | 11/17/23 15:57 | 11/16/23 | |
| Hexachloroethane | 100 U | 100 | 1 | 11/17/23 15:57 | 11/16/23 | |
| Nitrobenzene | 100 U | 100 | 1 | 11/17/23 15:57 | 11/16/23 | |
| Pentachlorophenol (PCP) | 500 U | 500 | 1 | 11/17/23 15:57 | 11/16/23 | |
| Pyridine | 500 U | 500 | 1 | 11/17/23 15:57 | 11/16/23 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 2,4,6-Tribromophenol | 44 | 35 - 141 | 11/17/23 15:57 | |
| 2-Fluorobiphenyl | 52 | 31 - 118 | 11/17/23 15:57 | |
| 2-Fluorophenol | 39 | 10 - 105 | 11/17/23 15:57 | |
| Nitrobenzene-d5 | 56 | 31 - 110 | 11/17/23 15:57 | |
| Phenol-d6 | 27 | 10 - 107 | 11/17/23 15:57 | |
| p-Terphenyl-d14 | 62 | 10 - 165 | 11/17/23 15:57 | |

# Semivolatile Organic Compounds by GC

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| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | 11/01/23 12:30 |
| **Sample Matrix:** | Soil | **Date Received:** | 11/02/23 15:10 |
| **Sample Name:** | Logoon Comp 1 | **Units:** | ug/L |
| **Lab Code:** | R2310212-001 | **Basis:** | As Received |

## TCLP Organochlorine Pesticides by Gas Chromatography

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8081B | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 3510C | **Pre-Prep Date:** | 11/11/23 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| Chlordane | 2.5 U | 2.5 | 1 | 11/27/23 14:18 | 11/15/23 | |
| Endrin | 0.50 U | 0.50 | 1 | 11/27/23 14:18 | 11/15/23 | |
| gamma-BHC (Lindane) | 0.50 U | 0.50 | 1 | 11/27/23 14:18 | 11/15/23 | |
| Heptachlor | 0.50 U | 0.50 | 1 | 11/27/23 14:18 | 11/15/23 | |
| Heptachlor Epoxide | 0.50 U | 0.50 | 1 | 11/27/23 14:18 | 11/15/23 | |
| Methoxychlor | 0.50 U | 0.50 | 1 | 11/27/23 14:18 | 11/15/23 | |
| Toxaphene | 5.0 U | 5.0 | 1 | 11/27/23 14:18 | 11/15/23 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Decachlorobiphenyl | 40 | 10 - 111 | 11/27/23 14:18 | |
| Tetrachloro-m-xylene | 61 | 10 - 101 | 11/27/23 14:18 | |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | 11/01/23 12:30 |
| **Sample Matrix:** | Soil | **Date Received:** | 11/02/23 15:10 |
| **Sample Name:** | Logoon Comp 1 | **Units:** | ug/L |
| **Lab Code:** | R2310212-001 | **Basis:** | As Received |

## TCLP Chlorinated Herbicides by GC

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8151A | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | Method | **Pre-Prep Date:** | 11/11/23 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 2,4-D | 5.0 U | 5.0 | 1 | 11/14/23 21:43 | 11/13/23 | |
| 2,4,5-TP (Silvex) | 5.0 U | 5.0 | 1 | 11/14/23 21:43 | 11/13/23 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| DCAA | 69 | 12 - 131 | 11/14/23 21:43 | |

# Metals

**ALS Environmental—Rochester Laboratory**
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Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | 11/01/23 12:30 |
| **Sample Matrix:** | Soil | **Date Received:** | 11/02/23 15:10 |
| **Sample Name:** | Logoon Comp 1 | **Basis:** | As Received |
| **Lab Code:** | R2310212-001 | | |

**Toxicity Characteristics Leachate Procedure (TCLP)**

**Inorganic Parameters**

**Pre-Prep Method:** EPA 1311

| Analyte Name | Analysis Method | Result | Units | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|
| Arsenic | 6010C | 0.50 U | mg/L | 0.50 | 1 | 11/15/23 04:28 | 11/13/23 | |
| Barium | 6010C | **1.5** | mg/L | 1.0 | 1 | 11/15/23 04:28 | 11/13/23 | |
| Cadmium | 6010C | 0.10 U | mg/L | 0.10 | 1 | 11/15/23 04:28 | 11/13/23 | |
| Chromium | 6010C | 0.10 U | mg/L | 0.10 | 1 | 11/15/23 04:28 | 11/13/23 | |
| Lead | 6010C | **1.73** | mg/L | 0.10 | 1 | 11/15/23 04:28 | 11/13/23 | |
| Mercury | 7470A | 0.00030 U | mg/L | 0.00030 | 1 | 11/15/23 11:27 | 11/14/23 | |
| Selenium | 6010C | 0.50 U | mg/L | 0.50 | 1 | 11/15/23 04:28 | 11/13/23 | |
| Silver | 6010C | 0.10 U | mg/L | 0.10 | 1 | 11/15/23 04:28 | 11/13/23 | |

# General Chemistry

**ALS Environmental—Rochester Laboratory**
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www.alsglobal.com

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | 11/01/23 12:30 |
| **Sample Matrix:** | Soil | **Date Received:** | 11/02/23 15:10 |
| **Sample Name:** | Logoon Comp 1 | **Basis:** | As Received |
| **Lab Code:** | R2310212-001 | | |

## Inorganic Parameters

| Analyte Name | Analysis Method | Result | Units | MRL | Dil. | Date Analyzed | Q |
|---|---|---|---|---|---|---|---|
| pH | 9045D | **7.90** | pH Units | - | 1 | 11/06/23 16:44 | H |

# QC Summary Forms

**ALS Environmental—Rochester Laboratory**
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# Volatile Organic Compounds by GC/MS

**ALS Environmental—Rochester Laboratory**
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**Client:** Sessler Environmental Services **Service Request:** R2310212
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## TCLP Volatile Organics by GC/MS

**Analysis Method:** 8260C
**Extraction Method:** EPA 5030C

| Sample Name | Lab Code | 4-Bromofluorobenzene 85 - 122 | Dibromofluoromethane 80 - 116 | Toluene-d8 87 - 121 |
|---|---|---|---|---|
| Logoon Comp 1 | R2310212-001 | 102 | 99 | 99 |
| Method Blank | RQ2314960-01 | 97 | 99 | 97 |
| Lab Control Sample | RQ2315474-07 | 102 | 102 | 102 |
| Method Blank | RQ2315474-08 | 99 | 98 | 98 |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2314960-01 | **Basis:** | As Received |

## TCLP Volatile Organics by GC/MS

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8260C | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 5030C | **Pre-Prep Date:** | 11/13/23 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Q |
|---|---|---|---|---|---|
| Vinyl Chloride | 5.0 U | 5.0 | 1 | 11/22/23 18:14 | |
| 1,1-Dichloroethene (1,1-DCE) | 5.0 U | 5.0 | 1 | 11/22/23 18:14 | |
| 2-Butanone (MEK) | 10 U | 10 | 1 | 11/22/23 18:14 | |
| Chloroform | 5.0 U | 5.0 | 1 | 11/22/23 18:14 | |
| Carbon Tetrachloride | 5.0 U | 5.0 | 1 | 11/22/23 18:14 | |
| Benzene | 5.0 U | 5.0 | 1 | 11/22/23 18:14 | |
| 1,2-Dichloroethane | 5.0 U | 5.0 | 1 | 11/22/23 18:14 | |
| Trichloroethene (TCE) | 5.0 U | 5.0 | 1 | 11/22/23 18:14 | |
| Tetrachloroethene (PCE) | 5.0 U | 5.0 | 1 | 11/22/23 18:14 | |
| Chlorobenzene | 5.0 U | 5.0 | 1 | 11/22/23 18:14 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Dibromofluoromethane | 99 | 80 - 116 | 11/22/23 18:14 | |
| Toluene-d8 | 97 | 87 - 121 | 11/22/23 18:14 | |
| 4-Bromofluorobenzene | 97 | 85 - 122 | 11/22/23 18:14 | |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2315474-08 | **Basis:** | As Received |

## TCLP Volatile Organics by GC/MS

**Analysis Method:** 8260C
**Prep Method:** EPA 5030C

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Q |
|---|---|---|---|---|---|
| Vinyl Chloride | 5.0 U | 5.0 | 1 | 11/22/23 12:56 | |
| 1,1-Dichloroethene (1,1-DCE) | 5.0 U | 5.0 | 1 | 11/22/23 12:56 | |
| 2-Butanone (MEK) | 10 U | 10 | 1 | 11/22/23 12:56 | |
| Chloroform | 5.0 U | 5.0 | 1 | 11/22/23 12:56 | |
| Carbon Tetrachloride | 5.0 U | 5.0 | 1 | 11/22/23 12:56 | |
| Benzene | 5.0 U | 5.0 | 1 | 11/22/23 12:56 | |
| 1,2-Dichloroethane | 5.0 U | 5.0 | 1 | 11/22/23 12:56 | |
| Trichloroethene (TCE) | 5.0 U | 5.0 | 1 | 11/22/23 12:56 | |
| Tetrachloroethene (PCE) | 5.0 U | 5.0 | 1 | 11/22/23 12:56 | |
| Chlorobenzene | 5.0 U | 5.0 | 1 | 11/22/23 12:56 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Dibromofluoromethane | 98 | 80 - 116 | 11/22/23 12:56 | |
| Toluene-d8 | 98 | 87 - 121 | 11/22/23 12:56 | |
| 4-Bromofluorobenzene | 99 | 85 - 122 | 11/22/23 12:56 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

**Service Request:** R2310212
**Date Analyzed:** 11/22/23

## Lab Control Sample Summary
## TCLP Volatile Organics by GC/MS

**Units:**ug/L
**Basis:**As Received

### Lab Control Sample
RQ2315474-07

| Analyte Name | Analytical Method | Result | Spike Amount | % Rec | % Rec Limits |
|---|---|---|---|---|---|
| Vinyl Chloride | 8260C | 18.3 | 20.0 | 91 | 74-159 |
| 1,1-Dichloroethene (1,1-DCE) | 8260C | 20.3 | 20.0 | 102 | 69-142 |
| 2-Butanone (MEK) | 8260C | 16.3 | 20.0 | 82 | 61-137 |
| Chloroform | 8260C | 19.7 | 20.0 | 99 | 79-120 |
| Carbon Tetrachloride | 8260C | 26.1 | 20.0 | 131 * | 70-127 |
| Benzene | 8260C | 21.6 | 20.0 | 108 | 79-119 |
| 1,2-Dichloroethane | 8260C | 20.8 | 20.0 | 104 | 71-127 |
| Trichloroethene (TCE) | 8260C | 20.7 | 20.0 | 103 | 74-122 |
| Tetrachloroethene (PCE) | 8260C | 21.8 | 20.0 | 109 | 72-125 |
| Chlorobenzene | 8260C | 21.6 | 20.0 | 108 | 80-121 |

# Semivolatile Organic Compounds by GC/MS

**ALS Environmental—Rochester Laboratory**
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**Client:** Sessler Environmental Services **Service Request:** R2310212
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## TCLP Semivolatile Organic Compounds by GC/MS

**Analysis Method:** 8270D
**Extraction Method:** EPA 3510C

| Sample Name | Lab Code | 2,4,6-Tribromophenol 35 - 141 | 2-Fluorobiphenyl 31 - 118 | 2-Fluorophenol 10 - 105 |
|---|---|---|---|---|
| Logoon Comp 1 | R2310212-001 | 44 | 52 | 39 |
| Method Blank | RQ2314868-01 | 49 | 60 | 43 |
| Method Blank | RQ2315043-04 | 53 | 71 | 51 |
| Lab Control Sample | RQ2315043-05 | 73 | 86 | 59 |
| Duplicate Lab Control Sample | RQ2315043-06 | 58 | 70 | 51 |

**Client:** Sessler Environmental Services **Service Request:** R2310212
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## TCLP Semivolatile Organic Compounds by GC/MS

**Analysis Method:** 8270D
**Extraction Method:** EPA 3510C

| Sample Name | Lab Code | Nitrobenzene-d5 31 - 110 | Phenol-d6 10 - 107 | p-Terphenyl-d14 10 - 165 |
|---|---|---|---|---|
| Logoon Comp 1 | R2310212-001 | 56 | 27 | 62 |
| Method Blank | RQ2314868-01 | 62 | 29 | 71 |
| Method Blank | RQ2315043-04 | 74 | 34 | 86 |
| Lab Control Sample | RQ2315043-05 | 86 | 43 | 96 |
| Duplicate Lab Control Sample | RQ2315043-06 | 71 | 37 | 78 |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2314868-01 | **Basis:** | As Received |

## TCLP Semivolatile Organic Compounds by GC/MS

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8270D | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 3510C | **Pre-Prep Date:** | 11/11/23 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 1,4-Dichlorobenzene | 100 U | 100 | 1 | 11/17/23 17:57 | 11/16/23 | |
| 2,4,5-Trichlorophenol | 100 U | 100 | 1 | 11/17/23 17:57 | 11/16/23 | |
| 2,4,6-Trichlorophenol | 100 U | 100 | 1 | 11/17/23 17:57 | 11/16/23 | |
| 2,4-Dinitrotoluene | 100 U | 100 | 1 | 11/17/23 17:57 | 11/16/23 | |
| 2-Methylphenol | 100 U | 100 | 1 | 11/17/23 17:57 | 11/16/23 | |
| 3- and 4-Methylphenol Coelution | 100 U | 100 | 1 | 11/17/23 17:57 | 11/16/23 | |
| Hexachlorobenzene | 100 U | 100 | 1 | 11/17/23 17:57 | 11/16/23 | |
| Hexachlorobutadiene | 100 U | 100 | 1 | 11/17/23 17:57 | 11/16/23 | |
| Hexachloroethane | 100 U | 100 | 1 | 11/17/23 17:57 | 11/16/23 | |
| Nitrobenzene | 100 U | 100 | 1 | 11/17/23 17:57 | 11/16/23 | |
| Pentachlorophenol (PCP) | 500 U | 500 | 1 | 11/17/23 17:57 | 11/16/23 | |
| Pyridine | 500 U | 500 | 1 | 11/17/23 17:57 | 11/16/23 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 2,4,6-Tribromophenol | 49 | 35 - 141 | 11/17/23 17:57 | |
| 2-Fluorobiphenyl | 60 | 31 - 118 | 11/17/23 17:57 | |
| 2-Fluorophenol | 43 | 10 - 105 | 11/17/23 17:57 | |
| Nitrobenzene-d5 | 62 | 31 - 110 | 11/17/23 17:57 | |
| Phenol-d6 | 29 | 10 - 107 | 11/17/23 17:57 | |
| p-Terphenyl-d14 | 71 | 10 - 165 | 11/17/23 17:57 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2315043-04 | **Basis:** | As Received |

## TCLP Semivolatile Organic Compounds by GC/MS

**Analysis Method:** 8270D
**Prep Method:** EPA 3510C

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 1,4-Dichlorobenzene | 100 U | 100 | 1 | 11/17/23 14:21 | 11/16/23 | |
| 2,4,5-Trichlorophenol | 100 U | 100 | 1 | 11/17/23 14:21 | 11/16/23 | |
| 2,4,6-Trichlorophenol | 100 U | 100 | 1 | 11/17/23 14:21 | 11/16/23 | |
| 2,4-Dinitrotoluene | 100 U | 100 | 1 | 11/17/23 14:21 | 11/16/23 | |
| 2-Methylphenol | 100 U | 100 | 1 | 11/17/23 14:21 | 11/16/23 | |
| 3- and 4-Methylphenol Coelution | 100 U | 100 | 1 | 11/17/23 14:21 | 11/16/23 | |
| Hexachlorobenzene | 100 U | 100 | 1 | 11/17/23 14:21 | 11/16/23 | |
| Hexachlorobutadiene | 100 U | 100 | 1 | 11/17/23 14:21 | 11/16/23 | |
| Hexachloroethane | 100 U | 100 | 1 | 11/17/23 14:21 | 11/16/23 | |
| Nitrobenzene | 100 U | 100 | 1 | 11/17/23 14:21 | 11/16/23 | |
| Pentachlorophenol (PCP) | 500 U | 500 | 1 | 11/17/23 14:21 | 11/16/23 | |
| Pyridine | 500 U | 500 | 1 | 11/17/23 14:21 | 11/16/23 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 2,4,6-Tribromophenol | 53 | 35 - 141 | 11/17/23 14:21 | |
| 2-Fluorobiphenyl | 71 | 31 - 118 | 11/17/23 14:21 | |
| 2-Fluorophenol | 51 | 10 - 105 | 11/17/23 14:21 | |
| Nitrobenzene-d5 | 74 | 31 - 110 | 11/17/23 14:21 | |
| Phenol-d6 | 34 | 10 - 107 | 11/17/23 14:21 | |
| p-Terphenyl-d14 | 86 | 10 - 165 | 11/17/23 14:21 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

**Service Request:** R2310212
**Date Analyzed:** 11/17/23

## Duplicate Lab Control Sample Summary
## TCLP Semivolatile Organic Compounds by GC/MS

**Units:**ug/L
**Basis:**As Received

| | | Lab Control Sample | | | Duplicate Lab Control Sample | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | RQ2315043-05 | | | RQ2315043-06 | | | | | |
| **Analyte Name** | **Analytical Method** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| 1,4-Dichlorobenzene | 8270D | 576 | 800 | 72 | 494 | 800 | 62 | 10-124 | 15 | 30 |
| 2,4,5-Trichlorophenol | 8270D | 739 | 800 | 92 | 581 | 800 | 73 | 48-134 | 24 | 30 |
| 2,4,6-Trichlorophenol | 8270D | 766 | 800 | 96 | 605 | 800 | 76 | 44-135 | 24 | 30 |
| 2,4-Dinitrotoluene | 8270D | 858 | 800 | 107 | 696 | 800 | 87 | 54-130 | 21 | 30 |
| 2-Methylphenol | 8270D | 718 | 800 | 90 | 593 | 800 | 74 | 47-100 | 19 | 30 |
| 3- and 4-Methylphenol Coelution | 8270D | 657 | 800 | 82 | 546 | 800 | 68 | 40-92 | 18 | 30 |
| Hexachlorobenzene | 8270D | 771 | 800 | 96 | 609 | 800 | 76 | 53-123 | 23 | 30 |
| Hexachlorobutadiene | 8270D | 521 | 800 | 65 | 441 | 800 | 55 | 16-95 | 17 | 30 |
| Hexachloroethane | 8270D | 549 | 800 | 69 | 466 | 800 | 58 | 15-92 | 16 | 30 |
| Nitrobenzene | 8270D | 765 | 800 | 96 | 627 | 800 | 78 | 46-108 | 20 | 30 |
| Pentachlorophenol (PCP) | 8270D | 534 | 800 | 67 | 413 J | 800 | 52 | 29-164 | 26 | 30 |
| Pyridine | 8270D | 538 | 800 | 67 | 431 J | 800 | 54 | 10-123 | 22 | 30 |

# Semivolatile Organic Compounds by GC

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**Client:** Sessler Environmental Services **Service Request:** R2310212
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## TCLP Organochlorine Pesticides by Gas Chromatography

**Analysis Method:** 8081B
**Extraction Method:** EPA 3510C

| Sample Name | Lab Code | Decachlorobiphenyl 10 - 111 | Tetrachloro-m-xylene 10 - 101 |
|---|---|---|---|
| Logoon Comp 1 | R2310212-001 | 40 | 61 |
| Method Blank | RQ2314868-01 | 66 | 59 |
| Method Blank | RQ2315042-04 | 72 | 70 |
| Lab Control Sample | RQ2315042-05 | 63 | 66 |
| Duplicate Lab Control Sample | RQ2315042-06 | 70 | 67 |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2314868-01 | **Basis:** | As Received |

## TCLP Organochlorine Pesticides by Gas Chromatography

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8081B | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 3510C | **Pre-Prep Date:** | 11/11/23 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| Chlordane | 2.5 U | 2.5 | 1 | 11/27/23 15:47 | 11/15/23 | |
| Endrin | 0.50 U | 0.50 | 1 | 11/27/23 15:47 | 11/15/23 | |
| gamma-BHC (Lindane) | 0.50 U | 0.50 | 1 | 11/27/23 15:47 | 11/15/23 | |
| Heptachlor | 0.50 U | 0.50 | 1 | 11/27/23 15:47 | 11/15/23 | |
| Heptachlor Epoxide | 0.50 U | 0.50 | 1 | 11/27/23 15:47 | 11/15/23 | |
| Methoxychlor | 0.50 U | 0.50 | 1 | 11/27/23 15:47 | 11/15/23 | |
| Toxaphene | 5.0 U | 5.0 | 1 | 11/27/23 15:47 | 11/15/23 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Decachlorobiphenyl | 66 | 10 - 111 | 11/27/23 15:47 | |
| Tetrachloro-m-xylene | 59 | 10 - 101 | 11/27/23 15:47 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2315042-04 | **Basis:** | As Received |

## TCLP Organochlorine Pesticides by Gas Chromatography

**Analysis Method:** 8081B
**Prep Method:** EPA 3510C

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| Chlordane | 2.5 U | 2.5 | 1 | 11/27/23 13:08 | 11/15/23 | |
| Endrin | 0.50 U | 0.50 | 1 | 11/27/23 13:08 | 11/15/23 | |
| gamma-BHC (Lindane) | 0.50 U | 0.50 | 1 | 11/27/23 13:08 | 11/15/23 | |
| Heptachlor | 0.50 U | 0.50 | 1 | 11/27/23 13:08 | 11/15/23 | |
| Heptachlor Epoxide | 0.50 U | 0.50 | 1 | 11/27/23 13:08 | 11/15/23 | |
| Methoxychlor | 0.50 U | 0.50 | 1 | 11/27/23 13:08 | 11/15/23 | |
| Toxaphene | 5.0 U | 5.0 | 1 | 11/27/23 13:08 | 11/15/23 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Decachlorobiphenyl | 72 | 10 - 111 | 11/27/23 13:08 | |
| Tetrachloro-m-xylene | 70 | 10 - 101 | 11/27/23 13:08 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

**Service Request:** R2310212
**Date Analyzed:** 11/27/23

## Duplicate Lab Control Sample Summary
## TCLP Organochlorine Pesticides by Gas Chromatography

**Units:**ug/L
**Basis:**As Received

| | | Lab Control Sample | | | Duplicate Lab Control Sample | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | RQ2315042-05 | | | RQ2315042-06 | | | | | |
| **Analyte Name** | **Analytical Method** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| Endrin | 8081B | 4.16 | 4.00 | 104 | 4.09 | 4.00 | 102 | 47-116 | 2 | 30 |
| gamma-BHC (Lindane) | 8081B | 3.81 | 4.00 | 95 | 3.75 | 4.00 | 94 | 41-105 | 2 | 30 |
| Heptachlor | 8081B | 3.63 | 4.00 | 91 | 3.63 | 4.00 | 91 | 33-99 | <1 | 30 |
| Heptachlor Epoxide | 8081B | 3.76 | 4.00 | 94 | 3.75 | 4.00 | 94 | 46-111 | <1 | 30 |
| Methoxychlor | 8081B | 4.16 | 4.00 | 104 | 4.48 | 4.00 | 112 | 29-138 | 8 | 30 |

**Client:** Sessler Environmental Services **Service Request:** R2310212
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## TCLP Chlorinated Herbicides by GC

**Analysis Method:** 8151A
**Extraction Method:** Method

| Sample Name | Lab Code | DCAA 12 - 131 |
|---|---|---|
| Logoon Comp 1 | R2310212-001 | 69 |
| Method Blank | RQ2314868-01 | 60 |
| Method Blank | RQ2314913-01 | 66 |
| Lab Control Sample | RQ2314913-02 | 83 |
| Duplicate Lab Control Sample | RQ2314913-03 | 38 |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2314868-01 | **Basis:** | As Received |

## TCLP Chlorinated Herbicides by GC

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8151A | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | Method | **Pre-Prep Date:** | 11/11/23 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 2,4-D | 5.0 U | 5.0 | 1 | 11/15/23 00:28 | 11/13/23 | |
| 2,4,5-TP (Silvex) | 5.0 U | 5.0 | 1 | 11/15/23 00:28 | 11/13/23 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| DCAA | 60 | 12 - 131 | 11/15/23 00:28 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2314913-01 | **Basis:** | As Received |

## TCLP Chlorinated Herbicides by GC

**Analysis Method:** 8151A
**Prep Method:** Method

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 2,4-D | 5.0 U | 5.0 | 1 | 11/14/23 19:46 | 11/13/23 | |
| 2,4,5-TP (Silvex) | 5.0 U | 5.0 | 1 | 11/14/23 19:46 | 11/13/23 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| DCAA | 66 | 12 - 131 | 11/14/23 19:46 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

**Service Request:** R2310212
**Date Analyzed:** 11/14/23

## Duplicate Lab Control Sample Summary
## TCLP Chlorinated Herbicides by GC

**Units:**ug/L
**Basis:**As Received

| | | | Lab Control Sample | | | Duplicate Lab Control Sample | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | RQ2314913-02 | | | RQ2314913-03 | | | | |
| **Analyte Name** | **Analytical Method** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| 2,4-D | 8151A | 29.3 | 40.0 | 73 | 12.6 | 40.0 | 32 | 10-103 | 79* | 30 |
| 2,4,5-TP (Silvex) | 8151A | 33.2 | 40.0 | 83 | 15.2 | 40.0 | 38 | 13-124 | 75* | 30 |

# Metals

**ALS Environmental—Rochester Laboratory**
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Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Basis:** | As Received |
| **Lab Code:** | R2310212-MB1 | | |

**Toxicity Characteristics Leachate Procedure (TCLP)**

**Inorganic Parameters**

**Pre-Prep Method:** EPA 1311

| Analyte Name | Analysis Method | Result | | Units | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 6010C | 0.50 | U | mg/L | 0.50 | 1 | 11/15/23 04:12 | 11/13/23 | |
| Barium | 6010C | 1.0 | U | mg/L | 1.0 | 1 | 11/15/23 04:12 | 11/13/23 | |
| Cadmium | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 11/15/23 04:12 | 11/13/23 | |
| Chromium | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 11/15/23 04:12 | 11/13/23 | |
| Lead | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 11/15/23 04:12 | 11/13/23 | |
| Mercury | 7470A | 0.00030 | U | mg/L | 0.00030 | 1 | 11/15/23 11:09 | 11/14/23 | |
| Selenium | 6010C | 0.50 | U | mg/L | 0.50 | 1 | 11/15/23 04:12 | 11/13/23 | |
| Silver | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 11/15/23 04:12 | 11/13/23 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2310212 |
| **Project:** | Bisonite Paint/23-E789 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Basis:** | As Received |
| **Lab Code:** | R2310212-MB2 | | |

## Inorganic Parameters

| Analyte Name | Analysis Method | Result | | Units | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 6010C | 0.50 | U | mg/L | 0.50 | 1 | 11/15/23 04:02 | 11/13/23 | |
| Barium | 6010C | 1.0 | U | mg/L | 1.0 | 1 | 11/15/23 04:02 | 11/13/23 | |
| Cadmium | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 11/15/23 04:02 | 11/13/23 | |
| Chromium | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 11/15/23 04:02 | 11/13/23 | |
| Lead | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 11/15/23 04:02 | 11/13/23 | |
| Mercury | 7470A | 0.00030 | U | mg/L | 0.00030 | 1 | 11/15/23 10:36 | 11/14/23 | |
| Selenium | 6010C | 0.50 | U | mg/L | 0.50 | 1 | 11/15/23 04:02 | 11/13/23 | |
| Silver | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 11/15/23 04:02 | 11/13/23 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint/23-E789
**Sample Matrix:** Soil

**Service Request:** R2310212
**Date Analyzed:** 11/15/23

## Lab Control Sample Summary
## Inorganic Parameters

**Units:**mg/L
**Basis:**As Received

### Lab Control Sample
R2310212-LCS

| Analyte Name | Analytical Method | Result | Spike Amount | % Rec | % Rec Limits |
|---|---|---|---|---|---|
| Arsenic | 6010C | 0.97 | 1.00 | 97 | 80-120 |
| Barium | 6010C | 2.0 | 2.0 | 99 | 80-120 |
| Cadmium | 6010C | 0.51 | 0.50 | 102 | 80-120 |
| Chromium | 6010C | 0.50 | 0.50 | 99 | 80-120 |
| Lead | 6010C | 0.51 | 0.50 | 102 | 80-120 |
| Mercury | 7470A | 0.00106 | 0.00100 | 106 | 80-120 |
| Selenium | 6010C | 0.93 | 1.00 | 93 | 80-120 |
| Silver | 6010C | 0.26 | 0.25 | 103 | 80-120 |

# Subcontracted Analytical Parameters

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

301 Fulling Mill Road | Middletown, PA 17057 | Phone: 717-944-5541 | Fax: 717-944-1430 | www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

Analytical Results Report For **ALS Environmental-Rochester**

Project R2310212
Workorder 3331608
Report ID 283549 on 11/17/2023

## Certificate of Analysis

Enclosed are the analytical results for samples received by the laboratory on Nov 07, 2023.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Sarah Leung (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

This laboratory report may not be reproduced, except in full, without the written approval of ALS Global.
ALS Middletown: 301 Fulling Mill Road, Middletown, PA 17057 : 717-944-5541.

Recipient(s):
Reports Invoices - ALS Environmental
Janice Jaeger - ALS Environmental-Rochester NY
Chris Leavy - ALS Environmental-Rochester

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

Sarah Leung

**Sarah Leung** *(ALS Digital Signature)*
Project Coordinator

## Sample Summary

| Lab ID | Sample ID | Matrix | Date Collected | Date Received | Collector | Collection Company |
|---|---|---|---|---|---|---|
| 3331608001 | Lagoon Comp 1 | Solid | 11/01/2023 12:30 | 11/07/2023 08:52 | CBC | Collected By Client |

## Reference

### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- Except as qualified, Clean Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 136, including but not limited to the following EPA Method reference revisions:
  EPA 300.1 Rev. 1.0-1997
  EPA 300.0 Rev. 2.1-1993
  EPA 353.2 Rev. 2.0-1993
  EPA 410.4 Rev. 1.0-1993
  EPA 420.4 Rev. 1.0-1993
  EPA 365.1 Rev. 2.0-1993
  EPA 200.7 Rev. 4.4-1994
  EPA 200.8 Rev. 5.4-1994
  EPA 245.1 Rev. 3.0-1994
- Except as qualified, Safe Drinking Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 141.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix “S” followed by a method number (such as S2310B-97) refer to methods from “Standard Methods for the Examination of Water and Wastewater”.
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.

### Standard Acronyms/Flags

| | |
|---|---|
| J | Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte |
| U | Indicates that the analyte was Not Detected (ND) above the MDL |
| N | Indicates presumptive evidence of the presence of a compound |
| MDL | Method Detection Limit |
| PQL | Practical Quantitation Limit |
| RDL | Practical Quantitation Limit for this Project |
| ND | Not Detected - indicates that the analyte was Not Detected |
| Cntr | Analysis was performed using this container |
| RegLmt | Regulatory Limit |
| LCS | Laboratory Control Sample |
| MS | Matrix Spike |
| MSD | Matrix Spike Duplicate |
| DUP | Sample Duplicate |
| %Rec | Percent Recovery |
| RPD | Relative Percent Difference |
| LOD | DoD Limit of Detection |
| LOQ | DoD Limit of Quantitation |
| DL | DoD Detection Limit |
| I | Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL) |
| (S) | Surrogate Compound |
| NC | Not Calculated |
| * | Result outside of QC limits |
| # | Please reference the result in the Results Section for analyte-level flags. |

## Project Notations

## Sample Notations

| Lab ID | Sample ID |
|---|---|

## Result Notations

| Notation Ref. | |
|---|---|
| 1 | According to Pa/USEPA regulations, this sample is not considered to be ignitable. (Ref 40 CFR 261.21) |
| 2 | The QC sample type DUP for method S2540G-11 was outside the control limits for the analyte Moisture. The RPD was reported as 14.4 and the upper control limit is 10. |

## Detected Results Summary

| | | | |
|---|---|---|---|
| Client Sample ID | Lagoon Comp 1 | Collected | 11/01/2023 12:30 |
| Lab Sample ID | 3331608001 | Lab Receipt | 11/07/2023 08:52 |

| Compound | Result | Units | RDL | Method | Flag |
|---|---|---|---|---|---|
| **WET CHEMISTRY** | | | | | |
| Moisture | 15.3 | % | 0.1 | S2540G-11 | # |
| Total Solids | 84.7 | % | 0.1 | S2540G-11 | # |

## Results

| | | | |
|---|---|---|---|
| Client Sample ID | Lagoon Comp 1 | Collected | 11/01/2023 12:30 |
| Lab Sample ID | 3331608001 | Lab Receipt | 11/07/2023 08:52 |

## WET CHEMISTRY

| Compound | Result | Flag | Units | RDL | Method | Dilution | Analysis Date/Time | By | Cntr |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide, Reactive | ND | ND | mg/kg | 10 | SW-846 7.3CN | 1 | 11/15/2023 12:11 | JML | A |
| Ignitability | Not Ignitable | 1 | | | SW846 1030 | 1 | 11/09/2023 15:45 | E1R | A |
| Moisture | 15.3 | 2 | % | 0.1 | S2540G-11 | 1 | 11/08/2023 14:30 | LMD | A |
| Sulfide, Reactive | ND | ND | mg/kg | 6.2 | SW846 7.3 | 1 | 11/14/2023 09:14 | JMS | A |
| Total Solids | 84.7 | | % | 0.1 | S2540G-11 | 1 | 11/08/2023 14:30 | LMD | A |

## Sample - Method Cross Reference Table

| Lab ID | Sample ID | Analysis Method | Preparation Method | Leachate Method |
|---|---|---|---|---|
| 3331608001 | Lagoon Comp 1 | S2540G-11 | N/A | |
| | | SW846 1030 | N/A | |
| | | SW846 7.3 | SW846 7.3 | |
| | | SW-846 7.3CN | SW-846 7.3CN | |

## QUALITY CONTROL SAMPLES

## WET CHEMISTRY

**QC Batch**

| | | | |
|---|---|---|---|
| QC Batch | 1084601 | Prep Method | N/A |
| Date | N/A | Analysis Method | S2540G-11 |
| Tech. | | | |

**Associated Samples**

3331608001

***Duplicate*** 3746803 (DUP) 3331608001 For QC Batch 1084601

****NOTE - The Original Result and Duplicate Result shown below are raw results and are only used for the purpose of calculating Sample Duplicate percent recoveries. This result is not a final value and cannot be used as such.

*RESULTS*

| Compound | CAS No | | Result (%) | Orig. Result (%) | | Qualifiers |
|---|---|---|---|---|---|---|
| Moisture | MOISTURE | DUP | 17.6352 | 15.2591 | RPD 14.40* (Max-10) | |
| Total Solids | TSP | DUP | 82.3647 | 84.7408 | RPD 2.84 (Max-5) | |

**QC Batch**

| | | | |
|---|---|---|---|
| QC Batch | 1086035 | Prep Method | N/A |
| Date | N/A | Analysis Method | SW846 1030 |
| Tech. | | | |

**Associated Samples**

3331608001

***Duplicate*** 3748340 (DUP) 3329733056 (non-Project Sample) For QC Batch 1086035

****NOTE - The Original Result and Duplicate Result shown below are raw results and are only used for the purpose of calculating Sample Duplicate percent recoveries. This result is not a final value and cannot be used as such.

*RESULTS*

| Compound | CAS No | | Qualifiers |
|---|---|---|---|
| Ignitability | IGN | DUP | |

***Duplicate*** 3748341 (DUP) 3331746002 (non-Project Sample) For QC Batch 1086035

****NOTE - The Original Result and Duplicate Result shown below are raw results and are only used for the purpose of calculating Sample Duplicate percent recoveries. This result is not a final value and cannot be used as such.

*RESULTS*

| Compound | CAS No | | Qualifiers |
|---|---|---|---|
| Ignitability | IGN | DUP | |

# QUALITY CONTROL SAMPLES

## WET CHEMISTRY (cont.)

**QC Batch**

| | | | |
|---|---|---|---|
| QC Batch | 1088834 | Prep Method | SW-846 7.3CN |
| Date | 11/13/2023 09:49 | Analysis Method | SW-846 7.3CN |
| Tech. | JMS | | |

**Associated Samples**

3331608001

***Duplicate*** 3749311 (DUP) 3332110001 (non-Project Sample) For QC Batch 1088834

****NOTE - The Original Result and Duplicate Result shown below are raw results and are only used for the purpose of calculating Sample Duplicate percent recoveries. This result is not a final value and cannot be used as such.

*RESULTS*

| Compound | CAS No | | Result (mg/kg) | Orig. Result (mg/kg) | | | | Qualifiers |
|---|---|---|---|---|---|---|---|---|
| Cyanide, Reactive | CNREACT | DUP | 0 | 0 | RPD | 0 | (Max-20) | ND |

***Method Blank*** 3749309 (MB) Created on 11/13/2023 09:47 For QC Batch 1088834

*RESULTS*

| Compound | CAS No | | Result | Units | RDL | Qualifiers |
|---|---|---|---|---|---|---|
| Cyanide, Reactive | CNREACT | BLK | ND | mg/kg | 10 | ND |

***Lab Control Standard*** 3749310 (LCS) Created on 11/13/2023 09:47 For QC Batch 1088834

*RESULTS*

| Compound | CAS No | | Result (mg/kg) | Orig. Result (mg/kg) | Spk Added (mg/kg) | Rec. (%) | Limits (%) | RPD Limit (%) | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide, Reactive | CNREACT | LCS | 0.96 | | 5 | 19.3 | 1 - 92 | | ND |

**QC Batch**

| | | | |
|---|---|---|---|
| QC Batch | 1088835 | Prep Method | SW846 7.3 |
| Date | 11/13/2023 09:49 | Analysis Method | SW846 7.3 |
| Tech. | JMS | | |

**Associated Samples**

3331608001

***Duplicate*** 3749314 (DUP) 3332110001 (non-Project Sample) For QC Batch 1088835

****NOTE - The Original Result and Duplicate Result shown below are raw results and are only used for the purpose of calculating Sample Duplicate percent recoveries. This result is not a final value and cannot be used as such.

*RESULTS*

| Compound | CAS No | | Result (mg/kg) | Orig. Result (mg/kg) | | | | Qualifiers |
|---|---|---|---|---|---|---|---|---|

## QUALITY CONTROL SAMPLES

## WET CHEMISTRY (cont.)

*RESULTS*

| Compound | CAS No | | Result (mg/kg) | Orig. Result (mg/kg) | | | Qualifiers |
|---|---|---|---|---|---|---|---|
| Sulfide, Reactive | SO2REACT | DUP | 0.8024 | 0.8036 | RPD 0.15 | (Max-20) | ND |

***Method Blank*** 3749312 (MB) Created on 11/13/2023 09:48 For QC Batch 1088835

*RESULTS*

| Compound | CAS No | | Result | Units | RDL | Qualifiers |
|---|---|---|---|---|---|---|
| Sulfide, Reactive | SO2REACT | BLK | ND | mg/kg | 6.2 | ND |

***Lab Control Standard*** 3749313 (LCS) Created on 11/13/2023 09:48 For QC Batch 1088835

*RESULTS*

| Compound | CAS No | | Result (mg/kg) | Orig. Result (mg/kg) | Spk Added (mg/kg) | Rec. (%) | Limits (%) | RPD Limit (%) | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|
| Sulfide, Reactive | SO2REACT | LCS | 255 | | 285 | 89.5 | 49 - 148 | | |

## QUALITY CONTROL DATA CROSS REFERENCE TABLE

| Lab ID | Sample ID | Preparation Method | Prep Batch | Prep Date/Time | By | Analysis Method | Anly Batch |
|---|---|---|---|---|---|---|---|
| 3331608001 | Lagoon Comp 1 | N/A | N/A | N/A | | S2540G-11 | 1084601 |
| | | N/A | N/A | N/A | | SW846 1030 | 1086035 |
| | | SW846 7.3 | 1088835 | 11/13/2023 09:49 | JMS | SW846 7.3 | 1088878 |
| | | SW-846 7.3CN | 1088834 | 11/13/2023 09:49 | JMS | SW-846 7.3CN | 1089172 |

# ALS Environmental Chain of Custody

1565 Jefferson Rd, Building 300 • Rochester, NY 14623 • 585-288-5380 • FAX 585-288-8475

A 3331608

Logged By: MJE

PM: SSL

**Project Number:** R2310212
**Project Manager:** Janice Jaeger
**QAP:** LAB QAP

| Lab Code | Sample ID | # of Cont. | Matrix | Sample Date | Sample Time | Lab ID | CN React 9014 | Ignitability 1030 | Sulfide React 9034 Modified |
|---|---|---|---|---|---|---|---|---|---|
| R2310212-001 | Logoon Comp 1 | 1 | Soil | 11/1/23 | 1230 | Middletown ALS | X | X | X |

Temp By: DD | WO Temp (°C): 3° | Therm ID: 523

Receipt Info Completed By: DD

| | |
|---|---|
| Cooler Custody Seal Intact | Y N NA |
| Sample Custody Seal Intact | Y N NA |
| Received on Ice | Y N NA |
| Cooler & Samples Intact | Y N |
| Correct Containers Provided | Y N |
| Sample Label/COC Agree | Y N |
| Adequate Sample Volumes | Y N |
| CR6 Samples Filtered | Y N NA |
| OP Samples Filtered | Y N NA |
| VOA Trip Blank | Y N NA |
| NJ≤ 4 Days? | Y N |
| Rad Screen (uCi) | — |

Courier/Tracking #: 7127 0653 9883

SDWA Compliance Y N
PWSID
WV Containers 0-6°C Y N NA

**Special Instructions/Comments**

H - Test is On Hold P - Test is Authorized for Prep Only

**Turnaround Requirements**

____ **RUSH** (Surcharges Apply)

**PLEASE CIRCLE WORK DAYS**

1 2 3 4 5

X **STANDARD**

Requested FAX Date: _____

Requested Report Date: 11/14/23

**Report Requirements**

____ I. Results Only

X II. Results + QC Summaries

____ III. Results + QC and Calibration Summaries

____ IV. Data Validation Report with Raw Data

PQL/MDL/J N

EDD N

**Invoice Information**

PO# 58R2310212

Bill to

Relinquished By: RPuhr 11/6/23 Received By: FEDEX → DD/ALS 11/7/23 0852 Airbill Number: _____







11/7/2023 2:01 PM

**R2310212**

3331608

**Ship To: Middletown ALS**
ALS Environmental - Middletown
301 Fulling Mill Rd.
Middletown, PA 17057

PC MM Date 11/3/23
SMO RR Date 11/6/23

**Instructions:**

Ice ✓
Dry Ice
No Ice

**Shipping:**

Overnight ✓
2nd Day
Ground

Bill to Client Account



Comments:

August 09, 2024 Service Request No:R2407010

Frank Thomas
Sessler Environmental Services
1330 Research Forest
Macedon, NY 14502

**Laboratory Results for: Bisonite Paint BCP**

Dear Frank,

Enclosed are the results of the sample(s) submitted to our laboratory July 31, 2024
For your reference, these analyses have been assigned our service request number **R2407010.**

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7472. You may also contact me via email at Janice.Jaeger@alsglobal.com.

Respectfully submitted,

**ALS Group USA, Corp. dba ALS Environmental**



Janice Jaeger
Project Manager

CC: Eric Hoban

ADDRESS 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
PHONE +1 585 288 5380 | FAX +1 585 288 8475
ALS Group USA, Corp.
dba ALS Environmental

# Narrative Documents

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP
**Sample Matrix:** Soil

**Service Request:** R2407010
**Date Received:** 07/31/2024

## CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

**Sample Receipt:**

One soil sample was received for analysis at ALS Environmental on 07/31/2024. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

**Semivolatiles by GC/MS:**

No significant anomalies were noted with this analysis.

**Semivoa GC:**

Method 8081B, 08/08/2024: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
Method 8082A, 08/08/2024: The control limits were exceeded for analytes in the Continuing Calibration Verification (CCV). The QC failure was most likely due to the composition of the sample(s) immediately preceding the failing CCV. In order to protect the integrity of the instrument, no further corrective action was taken. Results should be considered estimated.

**Metals:**

When analyzed without dilution, the concentration of one or more elements in one or more samples exceeded the associated single element interference check concentration. As per section 9.9.1 of EPA 6010D, affected samples were diluted to reduce the solution concentration of the high concentration element below the interference check concentration, whether or not the high concentration element was an analyte of interest. The dilution has increased the reporting limits accordingly.

**General Chemistry:**

No significant anomalies were noted with this analysis.

**Volatiles by GC/MS:**

Method 8260D, 08/03/2024: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Approved by _____ Date 08/09/2024

## SAMPLE DETECTION SUMMARY

This form includes only detections above the reporting levels. For a full listing of sample results, continue to the Sample Results section of this Report.

| CLIENT ID: Drum Soil + Paint 1 | | | Lab ID: R2407010-001 | | | |
|---|---|---|---|---|---|---|
| **Analyte** | **Results** | **Flag** | **MDL** | **MRL** | **Units** | **Method** |
| Aroclor 1242 | 3100 | | | 370 | ug/Kg | 8082A |
| Barium | 1.0 | J | 0.2 | 3.0 | mg/L | 6010D |
| Lead | 0.54 | | 0.15 | 0.30 | mg/L | 6010D |
| Total Solids | 88.9 | | | | Percent | ALS SOP |

# Sample Receipt Information

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

**Client:** Sessler Environmental Services **Service Request:**R2407010
**Project:** Bisonite Paint BCP/24-E878

## SAMPLE CROSS-REFERENCE

| SAMPLE # | CLIENT SAMPLE ID | DATE | TIME |
|---|---|---|---|
| R2407010-001 | Drum Soil + Paint 1 | 7/29/2024 | 1300 |

73286

SR#

Page of

# Chain of Custody / Analytical Request Form

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 • +1 585 288 5380 • alsglobal.com

**Report To:**

Sessler Environmental
Frank Thomas
fthomas@sesslerenv.com
585 617-5710
1330 Research Forest
Macedon, NY

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER

Project Name: Bisonite Paint BCP
Project Number: 24-E878
Sampler's Signature: [signature]
Email CC: fthomas@sesslerenv.com
Water Samples Collected (State or Origin): NY, MA, PA, CT, Other

Preservative codes: 0 None; 1. HCl; 2. HNO3; 3. H2SO4; 4. NaOH; 5. Zn Acet.; 6. MeOH; 7. NaHSO4; 8. Other

| Lab ID (ALS) | Sample Collection Information: Sample ID: | Date | Time | Matrix | Number of Containers | MS/MSD? | GC/MS VOA - 8260•624•524 (TCLP) | GC/MS SVOA - 8270 • 625 (TCLP) | Pesticides - 8081 • 608 (TCLP) | PCBs 8082 • 608 | Herbicides - 8151 (TCLP) | Metals, Total Select Below TCLP | Metals, Dissolved F I Select Below | Full RCRA TCLP | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Drum Soil+Paint 1 | 7/29 | 1300 | SW | 1 | | X | X | X | X | X | X | | | |

Special Instructions / Comments:
TCLP 8 RCRA Metals
* Rush

**Turnaround Requirements**
X Rush (Surcharges Apply)
*Subject to Availability*
*Please Check with your PM*
___ Standard (10 Business Days)
Date Required:

**Report Requirements**
___ Tier 1/Cat A - Results/QC
___ Tier 4/Cat B Data Validation Report w/ Data
EDD: ___ Yes ___ No
EDD Type:

Metals: RCRA 8 • TAL • NJ • TCLP • Other
VOA/SVOA Report List: TCL • 8260 • TCLP • CP 51/Metals • Field • Other

Invoice To: (_ Same as Report To)
PO # 24-E878
Company: Sessler Env.
Contact: AP
Email: ap@sesslerenv.com
Phone: 585-617-5710
Address:

| | Relinquished By: | Received By: | Relinquished By | Received By | Relinquished By | Received By |
|---|---|---|---|---|---|---|
| Signature | | | | | | |
| Printed Name | | | | | | |
| Company | | | | | | |
| Date/Time | | | | | | |

Distribution: White - Lab Copy; Yellow - Return to Originator

R2407010 5
Sessler Environmental Services
Bisonite Paint BCP

R2407010 5
Sessler Environmental Services
Bisonite Paint BCP

# Cooler Receipt and Preservation Check Form

Project/Client _____ Folder Number _____

Cooler received on 7/31/24 by: RDA

**COURIER:** (ALS) UPS FEDEX VELOCITY CLIENT

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1 | Were **Custody seals** on outside of cooler? | Y (N) | 5a | Did **VOA** vials have sig* **bubbles?** | | Y (N) | NA |
| 2 | **Custody papers** properly completed (ink, signed)? | (Y) N | 5b | Sig* bubbles: **Alk?** | Y N (NA) | **Sulfide?** | Y N (NA) |
| 3 | Did all bottles arrive in good **condition** (unbroken)? | (Y) N | 6 | Where did the bottles originate? | ALS/ROC | CLIENT | |
| 4 | Circle: **Wet Ice Dry Ice Gel packs** present? | (Y) N | 7 | Soil VOA received as: | (Bulk) | Encore 5035set | NA |

8. Temperature Readings Date: 7/31/24 Time: 1620 ID: IR#12 IR#1 From: Temp Blank (Sample Bottle)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Temp (°C) | 29.9 | 6.3 | | | | | |
| Within 0-6°C? | Y (N) | Y (N) | Y N | Y N | Y N | Y N | Y N |
| If <0°C, were samples frozen? | Y N | Y N | Y N | Y N | Y N | Y N | Y N |

**If out of Temperature, note packing/ice condition:** _____ Ice melted Poorly Packed (described below) (Same Day Rule)*

**&Client Approval to Run Samples:** _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: SHO by RDA on 7/31/24 at 1627
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 7/31/24 Time: 1648 by: SES

9. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? (YES) NO
10. Did all bottle labels and tags agree with custody papers? (YES) NO
11. Were correct containers used for the tests indicated? (YES) NO
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO (N/A)
13. Were dissolved metals filtered in the field? YES NO (N/A)
14. Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized Tedlar® Bags Inflated (N/A)

| ~~pH~~ | ~~Lot of test paper~~ | ~~Reagent~~ | ~~Preserved?~~ Yes | No | Lot Received | Exp | Sample ID Adjusted | Vol. Added | Lot Added | Final pH |
|---|---|---|---|---|---|---|---|---|---|---|
| ≥12 | | NaOH | | | | | | | | |
| ≤2 | | $HNO_3$ | | | | | | | | |
| ≤2 | | $H_2SO_4$ | | | | | | | | |
| <4 | | $NaHSO_4$ | | | | | | | | |
| 5-9 | | For 608pest | | | No=Notify for 3day | | | | | |
| Residual Chlorine (-) | | For CN, Phenol, 625, 608pest, 522 | | | If +, contact PM to add $Na_2S_2O_3$ (625, 608, CN), ascorbic (phenol). | | | | | |
| | | $Na_2S_2O_3$ | | | | | | | | |
| | | ZnAcetate | - | - | | | **VOAs and 1664 Not to be tested before analysis. Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives). | | | |
| | | HCl | ** | ** | | | | | | |

Bottle lot numbers: 052223-1TW

Explain all Discrepancies/ Other Comments:

2 Soil Samples had no ice

| | |
|---|---|
| HPROD | BULK |
| HTR | FLDT |
| SUB | HGFB |
| ALS | LL3541 |

Labels secondary reviewed by: SES *significant air bubbles: VOA > 5-6 mm ; WC >1 in. diameter

# Miscellaneous Forms

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

# REPORT QUALIFIERS AND DEFINITIONS

| | |
|---|---|
| U | Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative. |
| J | Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors). |
| B | Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result. |
| E | Inorganics- Concentration is estimated due to the serial dilution was outside control limits. |
| E | Organics- Concentration has exceeded the calibration range for that specific analysis. |
| D | Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed. |
| * | Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time. |
| H | Analysis was performed out of hold time for tests that have an "immediate" hold time criteria. |
| # | Spike was diluted out. |
| + | Correlation coefficient for MSA is <0.995. |
| N | Inorganics- Matrix spike recovery was outside laboratory limits. |
| N | Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search. |
| S | Concentration has been determined using Method of Standard Additions (MSA). |
| W | Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance. |
| P | Concentration >40% difference between the two GC columns. |
| C | Confirmed by GC/MS |
| Q | DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns). |
| X | See Case Narrative for discussion. |
| MRL<br>LOQ | Method Reporting Limit. Also known as:<br>Limit of Quantitation (LOQ)<br>The lowest concentration at which the method analyte may be reliably quantified under the method conditions. |
| MDL | Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier). |
| LOD | Limit of Detection. A value at or above the MDL which has been verified to be detectable. |
| ND | Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier. |

## Rochester Lab ID # for State Accreditations[1]

| NELAP States |
|---|
| Florida ID # E87674 |
| New Hampshire ID # 2941 |
| New York ID # 10145 |
| Pennsylvania ID# 68-786 |
| Virginia #460167 |

| Non-NELAP States |
|---|
| Connecticut ID #PH0556 |
| Delaware Approved |
| Maine ID #NY01587 |
| North Carolina #36701 |
| North Carolina #676 |
| Rhode Island LAO00333 |

[1] Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory. To verify NH accredited analytes, go to https://www4.des.state.nh.us/CertifiedLabs/Certified-Method.aspx.

# ALS Laboratory Group

**Acronyms**

| | |
|---|---|
| ASTM | American Society for Testing and Materials |
| A2LA | American Association for Laboratory Accreditation |
| CARB | California Air Resources Board |
| CAS Number | Chemical Abstract Service registry Number |
| CFC | Chlorofluorocarbon |
| CFU | Colony-Forming Unit |
| DEC | Department of Environmental Conservation |
| DEQ | Department of Environmental Quality |
| DHS | Department of Health Services |
| DOE | Department of Ecology |
| DOH | Department of Health |
| EPA | U. S. Environmental Protection Agency |
| ELAP | Environmental Laboratory Accreditation Program |
| GC | Gas Chromatography |
| GC/MS | Gas Chromatography/Mass Spectrometry |
| LUFT | Leaking Underground Fuel Tank |
| M | Modified |
| MCL | Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA. |
| MDL | Method Detection Limit |
| MPN | Most Probable Number |
| MRL | Method Reporting Limit |
| NA | Not Applicable |
| NC | Not Calculated |
| NCASI | National Council of the Paper Industry for Air and Stream Improvement |
| ND | Not Detected |
| NIOSH | National Institute for Occupational Safety and Health |
| PQL | Practical Quantitation Limit |
| RCRA | Resource Conservation and Recovery Act |
| SIM | Selected Ion Monitoring |
| TPH | Total Petroleum Hydrocarbons |
| tr | Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL. |

**Client:** Sessler Environmental Services **Service Request:** R2407010
**Project:** Bisonite Paint BCP/24-E878

## Non-Certified Analytes

**Certifying Agency:** New York Department of Health

| Method | Matrix | Analyte |
|---|---|---|
| ALS SOP | Soil | Total Solids |

Analyst Summary report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407010 |
| **Project:** | Bisonite Paint BCP/24-E878 | | |

| | | | |
|---|---|---|---|
| **Sample Name:** | Drum Soil + Paint 1 | **Date Collected:** | 07/29/24 |
| **Lab Code:** | R2407010-001 | **Date Received:** | 07/31/24 |
| **Sample Matrix:** | Soil | | |

| Analysis Method | Extracted/Digested By | Analyzed By |
|---|---|---|
| 6010D | CKUTZER | NMANSEN |
| 7470A | NMANSEN | NMANSEN |
| 8081B | JVANHEYNINGEN | BALLGEIER |
| 8082A | JVANHEYNINGEN | AFELSER |
| 8151A | JVANHEYNINGEN | AFELSER |
| 8260D | | FNAEGLER |
| 8270E | JVANHEYNINGEN | BALLGEIER |
| ALS SOP | | HCASTROVINCI |

# PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

## INORGANIC

**Water/Liquid Matrix**

| Analytical Method | Preparation Method |
|---|---|
| 200.7 | 200.2 |
| 200.8 | 200.2 |
| 6010C or 6010D | 3005A/3010A |
| 6020A or 6020B | ILM05.3 |
| 9034 Sulfide Acid Soluble | 9030B |
| SM 4500-CN-N-2016 Amenable and Residual Cyanide | SM 4500-CN-G and SM 4500-CN-B,C-2016 |
| SM 4500-CN-E WAD Cyanide | SM 4500-CN-I |

**Solid/Soil/Non-Aqueous Matrix**

| Analytical Method | Preparation Method |
|---|---|
| 6010C or 6010D | 3050B |
| 6020A or 6020B | 3050B |
| 6010C or 6010D TCLP (1311) extract | 3005A/3010A |
| 6010C or 6010D SPLP (1312) extract | 3005A/3010A |
| 7199 | 3060A |
| 300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions | DI extraction |
| For analytical methods not listed, the preparation method is the same as the analytical method reference. | |

## ORGANIC

**Preparation Methods for Organic methods are listed in the header of the Results pages.**

**Regarding "Bulk/5035A":**
For soil/solid samples submitted in soil jars for Volatiles analysis, the prep method is listed as "Bulk/5035A". The lab follows the closed-system EPA 5035A protocols once the sample is transferred to a sealed vial, but collection in bulk in soil jars does not follow the collection protocols listed in EPA 5035A. In accordance with the NYSDOH technical notice of October 2012, all results or reporting limits <200 ug/kg are to be considered estimated due to potential low bias.

# Sample Results

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# Volatile Organic Compounds by GC/MS

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www.alsglobal.com

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407010 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 07/29/24 13:00 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 16:10 |
| **Sample Name:** | Drum Soil + Paint 1 | **Units:** | ug/L |
| **Lab Code:** | R2407010-001 | **Basis:** | As Received |

## TCLP Volatile Organic Compounds by GC/MS

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8260D | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 5030C | **Pre-Prep Date:** | 8/1/24 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Q |
|---|---|---|---|---|---|
| 1,1-Dichloroethene (1,1-DCE) | 50 U | 50 | 10 | 08/03/24 19:10 | |
| 1,2-Dichloroethane | 50 U | 50 | 10 | 08/03/24 19:10 | |
| 2-Butanone (MEK) | 100 U | 100 | 10 | 08/03/24 19:10 | |
| Benzene | 50 U | 50 | 10 | 08/03/24 19:10 | |
| Carbon Tetrachloride | 50 U | 50 | 10 | 08/03/24 19:10 | |
| Chlorobenzene | 50 U | 50 | 10 | 08/03/24 19:10 | |
| Chloroform | 50 U | 50 | 10 | 08/03/24 19:10 | |
| Tetrachloroethene (PCE) | 50 U | 50 | 10 | 08/03/24 19:10 | |
| Trichloroethene (TCE) | 50 U | 50 | 10 | 08/03/24 19:10 | |
| Vinyl Chloride | 50 U | 50 | 10 | 08/03/24 19:10 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 4-Bromofluorobenzene | 93 | 85 - 122 | 08/03/24 19:10 | |
| Dibromofluoromethane | 96 | 80 - 116 | 08/03/24 19:10 | |
| Toluene-d8 | 98 | 87 - 121 | 08/03/24 19:10 | |

# Semivolatile Organic Compounds by GC/MS

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www.alsglobal.com

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407010 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 07/29/24 13:00 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 16:10 |
| **Sample Name:** | Drum Soil + Paint 1 | **Units:** | ug/L |
| **Lab Code:** | R2407010-001 | **Basis:** | As Received |

## TCLP Semivolatile Organic Compounds by GC/MS

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8270E | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 3510C | **Pre-Prep Date:** | 8/1/24 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 1,4-Dichlorobenzene | 100 U | 100 | 1 | 08/05/24 22:27 | 8/2/24 | |
| 2,4,5-Trichlorophenol | 100 U | 100 | 1 | 08/05/24 22:27 | 8/2/24 | |
| 2,4,6-Trichlorophenol | 100 U | 100 | 1 | 08/05/24 22:27 | 8/2/24 | |
| 2,4-Dinitrotoluene | 100 U | 100 | 1 | 08/05/24 22:27 | 8/2/24 | |
| 2-Methylphenol | 100 U | 100 | 1 | 08/05/24 22:27 | 8/2/24 | |
| 3- and 4-Methylphenol Coelution | 100 U | 100 | 1 | 08/05/24 22:27 | 8/2/24 | |
| Hexachlorobenzene | 100 U | 100 | 1 | 08/05/24 22:27 | 8/2/24 | |
| Hexachlorobutadiene | 100 U | 100 | 1 | 08/05/24 22:27 | 8/2/24 | |
| Hexachloroethane | 100 U | 100 | 1 | 08/05/24 22:27 | 8/2/24 | |
| Nitrobenzene | 100 U | 100 | 1 | 08/05/24 22:27 | 8/2/24 | |
| Pentachlorophenol (PCP) | 500 U | 500 | 1 | 08/05/24 22:27 | 8/2/24 | |
| Pyridine | 500 U | 500 | 1 | 08/05/24 22:27 | 8/2/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 2,4,6-Tribromophenol | 90 | 35 - 141 | 08/05/24 22:27 | |
| 2-Fluorobiphenyl | 64 | 31 - 118 | 08/05/24 22:27 | |
| 2-Fluorophenol | 54 | 10 - 105 | 08/05/24 22:27 | |
| Nitrobenzene-d5 | 73 | 31 - 110 | 08/05/24 22:27 | |
| Phenol-d6 | 39 | 10 - 107 | 08/05/24 22:27 | |
| p-Terphenyl-d14 | 85 | 10 - 165 | 08/05/24 22:27 | |

# Semivolatile Organic Compounds by GC

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| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407010 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 07/29/24 13:00 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 16:10 |
| **Sample Name:** | Drum Soil + Paint 1 | **Units:** | ug/L |
| **Lab Code:** | R2407010-001 | **Basis:** | As Received |

## TCLP Organochlorine Pesticides by Gas Chromatography

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8081B | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 3510C | **Pre-Prep Date:** | 8/1/24 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| Chlordane | 2.5 U | 2.5 | 1 | 08/08/24 17:10 | 8/7/24 | |
| Endrin | 0.50 U | 0.50 | 1 | 08/08/24 17:10 | 8/7/24 | |
| gamma-BHC (Lindane) | 0.50 U | 0.50 | 1 | 08/08/24 17:10 | 8/7/24 | |
| Heptachlor | 0.50 U | 0.50 | 1 | 08/08/24 17:10 | 8/7/24 | |
| Heptachlor Epoxide | 0.50 U | 0.50 | 1 | 08/08/24 17:10 | 8/7/24 | |
| Methoxychlor | 0.50 U | 0.50 | 1 | 08/08/24 17:10 | 8/7/24 | |
| Toxaphene | 5.0 U | 5.0 | 1 | 08/08/24 17:10 | 8/7/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Decachlorobiphenyl | 67 | 10 - 111 | 08/08/24 17:10 | |
| Tetrachloro-m-xylene | 63 | 10 - 101 | 08/08/24 17:10 | |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407010 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 07/29/24 13:00 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 16:10 |
| **Sample Name:** | Drum Soil + Paint 1 | **Units:** | ug/Kg |
| **Lab Code:** | R2407010-001 | **Basis:** | Dry |

## Polychlorinated Biphenyls (PCBs) by GC using Microwave Extraction

**Analysis Method:** 8082A
**Prep Method:** EPA 3546

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| Aroclor 1016 | 370 U | 370 | 10 | 08/08/24 11:25 | 8/1/24 | |
| Aroclor 1221 | 750 U | 750 | 10 | 08/08/24 11:25 | 8/1/24 | |
| Aroclor 1232 | 370 U | 370 | 10 | 08/08/24 11:25 | 8/1/24 | |
| Aroclor 1242 | **3100** | 370 | 10 | 08/08/24 11:25 | 8/1/24 | |
| Aroclor 1248 | 370 U | 370 | 10 | 08/08/24 11:25 | 8/1/24 | |
| Aroclor 1254 | 370 U | 370 | 10 | 08/08/24 11:25 | 8/1/24 | |
| Aroclor 1260 | 370 U | 370 | 10 | 08/08/24 11:25 | 8/1/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Decachlorobiphenyl | 110 | 10 - 138 | 08/08/24 11:25 | |
| Tetrachloro-m-xylene | 68 | 11 - 122 | 08/08/24 11:25 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407010 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 07/29/24 13:00 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 16:10 |
| **Sample Name:** | Drum Soil + Paint 1 | **Units:** | ug/L |
| **Lab Code:** | R2407010-001 | **Basis:** | As Received |

## TCLP Chlorinated Herbicides by GC

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8151A | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | Method | **Pre-Prep Date:** | 8/1/24 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 2,4-D | 5.0 U | 5.0 | 1 | 08/06/24 23:41 | 8/2/24 | |
| 2,4,5-TP (Silvex) | 5.0 U | 5.0 | 1 | 08/06/24 23:41 | 8/2/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| DCAA | 63 | 12 - 131 | 08/06/24 23:41 | |

# Metals

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Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407010 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 07/29/24 13:00 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 16:10 |
| **Sample Name:** | Drum Soil + Paint 1 | **Basis:** | As Received |
| **Lab Code:** | R2407010-001 | | |

## Toxicity Characteristics Leachate Procedure (TCLP)

## Inorganic Parameters

**Pre-Prep Method:** EPA 1311

| Analyte Name | Analysis Method | Result | Units | MRL | MDL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 6010D | 0.06 U | mg/L | 1.5 | 0.06 | 3 | 08/07/24 09:53 | 08/02/24 | |
| Barium | 6010D | **1.0 J** | mg/L | 3.0 | 0.2 | 3 | 08/07/24 09:53 | 08/02/24 | |
| Cadmium | 6010D | 0.03 U | mg/L | 0.30 | 0.03 | 3 | 08/07/24 09:53 | 08/02/24 | |
| Chromium | 6010D | 0.15 U | mg/L | 0.30 | 0.15 | 3 | 08/07/24 09:53 | 08/02/24 | |
| Lead | 6010D | **0.54** | mg/L | 0.30 | 0.15 | 3 | 08/07/24 09:53 | 08/02/24 | |
| Mercury | 7470A | 0.00008 U | mg/L | 0.00030 | 0.00008 | 1 | 08/05/24 15:49 | 08/02/24 | |
| Selenium | 6010D | 0.06 U | mg/L | 0.60 | 0.06 | 3 | 08/07/24 09:53 | 08/02/24 | |
| Silver | 6010D | 0.03 U | mg/L | 0.30 | 0.03 | 3 | 08/07/24 09:53 | 08/02/24 | |

# General Chemistry

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Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407010 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 07/29/24 13:00 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 16:10 |
| **Sample Name:** | Drum Soil + Paint 1 | **Basis:** | As Received |
| **Lab Code:** | R2407010-001 | | |

## Inorganic Parameters

| Analyte Name | Analysis Method | Result | Units | MRL | Dil. | Date Analyzed | Q |
|---|---|---|---|---|---|---|---|
| Total Solids | ALS SOP | **88.9** | Percent | - | 1 | 08/02/24 17:15 | |

# QC Summary Forms

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# Volatile Organic Compounds by GC/MS

**ALS Environmental—Rochester Laboratory**
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**Client:** Sessler Environmental Services **Service Request:** R2407010
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## TCLP Volatile Organic Compounds by GC/MS

**Analysis Method:** 8260D
**Extraction Method:** EPA 5030C

| Sample Name | Lab Code | 4-Bromofluorobenzene 85 - 122 | Dibromofluoromethane 80 - 116 | Toluene-d8 87 - 121 |
|---|---|---|---|---|
| Drum Soil + Paint 1 | R2407010-001 | 93 | 96 | 98 |
| Method Blank | RQ2409291-01 | 96 | 100 | 99 |
| Lab Control Sample | RQ2409369-05 | 99 | 102 | 100 |
| Method Blank | RQ2409369-06 | 96 | 99 | 101 |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407010 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2409291-01 | **Basis:** | As Received |

## TCLP Volatile Organic Compounds by GC/MS

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8260D | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 5030C | **Pre-Prep Date:** | 8/1/24 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Q |
|---|---|---|---|---|---|
| 1,1-Dichloroethene (1,1-DCE) | 5.0 U | 5.0 | 1 | 08/03/24 14:59 | |
| 1,2-Dichloroethane | 5.0 U | 5.0 | 1 | 08/03/24 14:59 | |
| 2-Butanone (MEK) | 10 U | 10 | 1 | 08/03/24 14:59 | |
| Benzene | 5.0 U | 5.0 | 1 | 08/03/24 14:59 | |
| Carbon Tetrachloride | 5.0 U | 5.0 | 1 | 08/03/24 14:59 | |
| Chlorobenzene | 5.0 U | 5.0 | 1 | 08/03/24 14:59 | |
| Chloroform | 5.0 U | 5.0 | 1 | 08/03/24 14:59 | |
| Tetrachloroethene (PCE) | 5.0 U | 5.0 | 1 | 08/03/24 14:59 | |
| Trichloroethene (TCE) | 5.0 U | 5.0 | 1 | 08/03/24 14:59 | |
| Vinyl Chloride | 5.0 U | 5.0 | 1 | 08/03/24 14:59 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 4-Bromofluorobenzene | 96 | 85 - 122 | 08/03/24 14:59 | |
| Dibromofluoromethane | 100 | 80 - 116 | 08/03/24 14:59 | |
| Toluene-d8 | 99 | 87 - 121 | 08/03/24 14:59 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407010 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2409369-06 | **Basis:** | As Received |

## TCLP Volatile Organic Compounds by GC/MS

**Analysis Method:** 8260D
**Prep Method:** EPA 5030C

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Q |
|---|---|---|---|---|---|
| 1,1-Dichloroethene (1,1-DCE) | 5.0 U | 5.0 | 1 | 08/03/24 13:28 | |
| 1,2-Dichloroethane | 5.0 U | 5.0 | 1 | 08/03/24 13:28 | |
| 2-Butanone (MEK) | 10 U | 10 | 1 | 08/03/24 13:28 | |
| Benzene | 5.0 U | 5.0 | 1 | 08/03/24 13:28 | |
| Carbon Tetrachloride | 5.0 U | 5.0 | 1 | 08/03/24 13:28 | |
| Chlorobenzene | 5.0 U | 5.0 | 1 | 08/03/24 13:28 | |
| Chloroform | 5.0 U | 5.0 | 1 | 08/03/24 13:28 | |
| Tetrachloroethene (PCE) | 5.0 U | 5.0 | 1 | 08/03/24 13:28 | |
| Trichloroethene (TCE) | 5.0 U | 5.0 | 1 | 08/03/24 13:28 | |
| Vinyl Chloride | 5.0 U | 5.0 | 1 | 08/03/24 13:28 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 4-Bromofluorobenzene | 96 | 85 - 122 | 08/03/24 13:28 | |
| Dibromofluoromethane | 99 | 80 - 116 | 08/03/24 13:28 | |
| Toluene-d8 | 101 | 87 - 121 | 08/03/24 13:28 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

**Service Request:** R2407010
**Date Analyzed:** 08/03/24

## Lab Control Sample Summary
## TCLP Volatile Organic Compounds by GC/MS

**Units:** ug/L
**Basis:** As Received

### Lab Control Sample
RQ2409369-05

| Analyte Name | Analytical Method | Result | Spike Amount | % Rec | % Rec Limits |
|---|---|---|---|---|---|
| 1,1-Dichloroethene (1,1-DCE) | 8260D | 20.6 | 20.0 | 103 | 69-142 |
| 1,2-Dichloroethane | 8260D | 19.8 | 20.0 | 99 | 71-127 |
| 2-Butanone (MEK) | 8260D | 14.8 | 20.0 | 74 | 61-137 |
| Benzene | 8260D | 20.7 | 20.0 | 103 | 79-119 |
| Carbon Tetrachloride | 8260D | 20.8 | 20.0 | 104 | 70-127 |
| Chlorobenzene | 8260D | 20.2 | 20.0 | 101 | 80-121 |
| Chloroform | 8260D | 20.3 | 20.0 | 101 | 79-120 |
| Tetrachloroethene (PCE) | 8260D | 20.8 | 20.0 | 104 | 72-125 |
| Trichloroethene (TCE) | 8260D | 18.9 | 20.0 | 94 | 74-122 |
| Vinyl Chloride | 8260D | 18.5 | 20.0 | 92 | 74-159 |

# Semivolatile Organic Compounds by GC/MS

**ALS Environmental—Rochester Laboratory**
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**Client:** Sessler Environmental Services **Service Request:** R2407010
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## TCLP Semivolatile Organic Compounds by GC/MS

**Analysis Method:** 8270E
**Extraction Method:** EPA 3510C

| Sample Name | Lab Code | 2,4,6-Tribromophenol 35 - 141 | 2-Fluorobiphenyl 31 - 118 | 2-Fluorophenol 10 - 105 |
|---|---|---|---|---|
| Drum Soil + Paint 1 | R2407010-001 | 90 | 64 | 54 |
| Method Blank | RQ2409303-01 | 61 | 43 | 38 |
| Method Blank | RQ2409337-01 | 75 | 62 | 51 |
| Lab Control Sample | RQ2409337-02 | 108 | 77 | 60 |
| Duplicate Lab Control Sample | RQ2409337-03 | 98 | 67 | 50 |

**Client:** Sessler Environmental Services **Service Request:** R2407010
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## TCLP Semivolatile Organic Compounds by GC/MS

**Analysis Method:** 8270E
**Extraction Method:** EPA 3510C

| Sample Name | Lab Code | Nitrobenzene-d5 31 - 110 | Phenol-d6 10 - 107 | p-Terphenyl-d14 10 - 165 |
|---|---|---|---|---|
| Drum Soil + Paint 1 | R2407010-001 | 73 | 39 | 85 |
| Method Blank | RQ2409303-01 | 50 | 28 | 82 |
| Method Blank | RQ2409337-01 | 74 | 35 | 80 |
| Lab Control Sample | RQ2409337-02 | 85 | 44 | 91 |
| Duplicate Lab Control Sample | RQ2409337-03 | 73 | 37 | 78 |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407010 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2409303-01 | **Basis:** | As Received |

## TCLP Semivolatile Organic Compounds by GC/MS

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8270E | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 3510C | **Pre-Prep Date:** | 8/1/24 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 1,4-Dichlorobenzene | 100 U | 100 | 1 | 08/06/24 00:30 | 8/2/24 | |
| 2,4,5-Trichlorophenol | 100 U | 100 | 1 | 08/06/24 00:30 | 8/2/24 | |
| 2,4,6-Trichlorophenol | 100 U | 100 | 1 | 08/06/24 00:30 | 8/2/24 | |
| 2,4-Dinitrotoluene | 100 U | 100 | 1 | 08/06/24 00:30 | 8/2/24 | |
| 2-Methylphenol | 100 U | 100 | 1 | 08/06/24 00:30 | 8/2/24 | |
| 3- and 4-Methylphenol Coelution | 100 U | 100 | 1 | 08/06/24 00:30 | 8/2/24 | |
| Hexachlorobenzene | 100 U | 100 | 1 | 08/06/24 00:30 | 8/2/24 | |
| Hexachlorobutadiene | 100 U | 100 | 1 | 08/06/24 00:30 | 8/2/24 | |
| Hexachloroethane | 100 U | 100 | 1 | 08/06/24 00:30 | 8/2/24 | |
| Nitrobenzene | 100 U | 100 | 1 | 08/06/24 00:30 | 8/2/24 | |
| Pentachlorophenol (PCP) | 500 U | 500 | 1 | 08/06/24 00:30 | 8/2/24 | |
| Pyridine | 500 U | 500 | 1 | 08/06/24 00:30 | 8/2/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 2,4,6-Tribromophenol | 61 | 35 - 141 | 08/06/24 00:30 | |
| 2-Fluorobiphenyl | 43 | 31 - 118 | 08/06/24 00:30 | |
| 2-Fluorophenol | 38 | 10 - 105 | 08/06/24 00:30 | |
| Nitrobenzene-d5 | 50 | 31 - 110 | 08/06/24 00:30 | |
| Phenol-d6 | 28 | 10 - 107 | 08/06/24 00:30 | |
| p-Terphenyl-d14 | 82 | 10 - 165 | 08/06/24 00:30 | |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407010 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2409337-01 | **Basis:** | As Received |

## TCLP Semivolatile Organic Compounds by GC/MS

**Analysis Method:** 8270E
**Prep Method:** EPA 3510C

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 1,4-Dichlorobenzene | 100 U | 100 | 1 | 08/05/24 16:16 | 8/2/24 | |
| 2,4,5-Trichlorophenol | 100 U | 100 | 1 | 08/05/24 16:16 | 8/2/24 | |
| 2,4,6-Trichlorophenol | 100 U | 100 | 1 | 08/05/24 16:16 | 8/2/24 | |
| 2,4-Dinitrotoluene | 100 U | 100 | 1 | 08/05/24 16:16 | 8/2/24 | |
| 2-Methylphenol | 100 U | 100 | 1 | 08/05/24 16:16 | 8/2/24 | |
| 3- and 4-Methylphenol Coelution | 100 U | 100 | 1 | 08/05/24 16:16 | 8/2/24 | |
| Hexachlorobenzene | 100 U | 100 | 1 | 08/05/24 16:16 | 8/2/24 | |
| Hexachlorobutadiene | 100 U | 100 | 1 | 08/05/24 16:16 | 8/2/24 | |
| Hexachloroethane | 100 U | 100 | 1 | 08/05/24 16:16 | 8/2/24 | |
| Nitrobenzene | 100 U | 100 | 1 | 08/05/24 16:16 | 8/2/24 | |
| Pentachlorophenol (PCP) | 500 U | 500 | 1 | 08/05/24 16:16 | 8/2/24 | |
| Pyridine | 500 U | 500 | 1 | 08/05/24 16:16 | 8/2/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 2,4,6-Tribromophenol | 75 | 35 - 141 | 08/05/24 16:16 | |
| 2-Fluorobiphenyl | 62 | 31 - 118 | 08/05/24 16:16 | |
| 2-Fluorophenol | 51 | 10 - 105 | 08/05/24 16:16 | |
| Nitrobenzene-d5 | 74 | 31 - 110 | 08/05/24 16:16 | |
| Phenol-d6 | 35 | 10 - 107 | 08/05/24 16:16 | |
| p-Terphenyl-d14 | 80 | 10 - 165 | 08/05/24 16:16 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

**Service Request:** R2407010
**Date Analyzed:** 08/05/24

## Duplicate Lab Control Sample Summary
## TCLP Semivolatile Organic Compounds by GC/MS

**Units:**ug/L
**Basis:**As Received

| | | Lab Control Sample | | | Duplicate Lab Control Sample | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | RQ2409337-02 | | | RQ2409337-03 | | | | | |
| **Analyte Name** | **Analytical Method** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| 1,4-Dichlorobenzene | 8270E | 544 | 800 | 68 | 429 | 800 | 54 | 10-124 | 24 | 30 |
| 2,4,5-Trichlorophenol | 8270E | 850 | 800 | 106 | 867 | 800 | 108 | 48-134 | 2 | 30 |
| 2,4,6-Trichlorophenol | 8270E | 827 | 800 | 103 | 834 | 800 | 104 | 44-135 | <1 | 30 |
| 2,4-Dinitrotoluene | 8270E | 936 | 800 | 117 | 950 | 800 | 119 | 54-130 | 1 | 30 |
| 2-Methylphenol | 8270E | 654 | 800 | 82 | 629 | 800 | 79 | 47-100 | 4 | 30 |
| 3- and 4-Methylphenol Coelution | 8270E | 597 | 800 | 75 | 595 | 800 | 74 | 40-92 | <1 | 30 |
| Hexachlorobenzene | 8270E | 810 | 800 | 101 | 814 | 800 | 102 | 53-123 | <1 | 30 |
| Hexachlorobutadiene | 8270E | 545 | 800 | 68 | 434 | 800 | 54 | 16-95 | 23 | 30 |
| Hexachloroethane | 8270E | 530 | 800 | 66 | 419 | 800 | 52 | 15-92 | 23 | 30 |
| Nitrobenzene | 8270E | 695 | 800 | 87 | 659 | 800 | 82 | 46-108 | 5 | 30 |
| Pentachlorophenol (PCP) | 8270E | 668 | 800 | 84 | 722 | 800 | 90 | 29-164 | 8 | 30 |
| Pyridine | 8270E | 327 J | 800 | 41 | 185 J | 800 | 23 | 10-123 | 55* | 30 |

# Semivolatile Organic Compounds by GC

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**Client:** Sessler Environmental Services **Service Request:** R2407010
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## TCLP Organochlorine Pesticides by Gas Chromatography

**Analysis Method:** 8081B
**Extraction Method:** EPA 3510C

| Sample Name | Lab Code | Decachlorobiphenyl 10 - 111 | Tetrachloro-m-xylene 10 - 101 |
|---|---|---|---|
| Drum Soil + Paint 1 | R2407010-001 | 67 | 63 |
| Method Blank | RQ2409303-01 | 69 | 56 |
| Method Blank | RQ2409527-01 | 70 | 58 |
| Lab Control Sample | RQ2409527-02 | 69 | 63 |
| Duplicate Lab Control Sample | RQ2409527-03 | 76 | 63 |
| Drum Soil + Paint 1 MS | RQ2409527-04 | 67 | 64 |
| Drum Soil + Paint 1 DMS | RQ2409527-05 | 72 | 61 |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407010 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 07/29/24 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 |
| | | **Date Analyzed:** | 08/8/24 |
| | | **Date Extracted:** | 08/7/24 |

## Duplicate Matrix Spike Summary
## TCLP Organochlorine Pesticides by Gas Chromatography

| | | | |
|---|---|---|---|
| **Sample Name:** | Drum Soil + Paint 1 | **Units:** | ug/L |
| **Lab Code:** | R2407010-001 | **Basis:** | As Received |
| **Analysis Method:** | 8081B | | |
| **Prep Method:** | EPA 3510C | | |

| | | **Matrix Spike** RQ2409527-04 | | | **Duplicate Matrix Spike** RQ2409527-05 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Analyte Name** | **Sample Result** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| Endrin | 0.020 U | 2.81 | 4.00 | 70 | 2.76 | 4.00 | 69 | 48-165 | 2 | 30 |
| gamma-BHC (Lindane) | 0.020 U | 3.07 | 4.00 | 77 | 2.80 | 4.00 | 70 | 43-164 | 9 | 30 |
| Heptachlor | 0.020 U | 2.84 | 4.00 | 71 | 2.69 | 4.00 | 67 | 29-168 | 5 | 30 |
| Heptachlor Epoxide | 0.020 U | 3.08 | 4.00 | 77 | 2.88 | 4.00 | 72 | 29-180 | 7 | 30 |
| Methoxychlor | 0.020 U | 3.28 | 4.00 | 82 | 3.23 | 4.00 | 81 | 38-162 | 1 | 30 |

**Results flagged with an asterisk (*) indicate values outside control criteria.**

**Results flagged with a pound (#) indicate the control criteria is not applicable.**

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

**Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.**

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407010 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2409303-01 | **Basis:** | As Received |

## TCLP Organochlorine Pesticides by Gas Chromatography

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8081B | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 3510C | **Pre-Prep Date:** | 8/1/24 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| Chlordane | 2.5 U | 2.5 | 1 | 08/08/24 20:04 | 8/7/24 | |
| Endrin | 0.50 U | 0.50 | 1 | 08/08/24 20:04 | 8/7/24 | |
| gamma-BHC (Lindane) | 0.50 U | 0.50 | 1 | 08/08/24 20:04 | 8/7/24 | |
| Heptachlor | 0.50 U | 0.50 | 1 | 08/08/24 20:04 | 8/7/24 | |
| Heptachlor Epoxide | 0.50 U | 0.50 | 1 | 08/08/24 20:04 | 8/7/24 | |
| Methoxychlor | 0.50 U | 0.50 | 1 | 08/08/24 20:04 | 8/7/24 | |
| Toxaphene | 5.0 U | 5.0 | 1 | 08/08/24 20:04 | 8/7/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Decachlorobiphenyl | 69 | 10 - 111 | 08/08/24 20:04 | |
| Tetrachloro-m-xylene | 56 | 10 - 101 | 08/08/24 20:04 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407010 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2409527-01 | **Basis:** | As Received |

## TCLP Organochlorine Pesticides by Gas Chromatography

**Analysis Method:** 8081B
**Prep Method:** EPA 3510C

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| Chlordane | 2.5 U | 2.5 | 1 | 08/08/24 16:18 | 8/7/24 | |
| Endrin | 0.50 U | 0.50 | 1 | 08/08/24 16:18 | 8/7/24 | |
| gamma-BHC (Lindane) | 0.50 U | 0.50 | 1 | 08/08/24 16:18 | 8/7/24 | |
| Heptachlor | 0.50 U | 0.50 | 1 | 08/08/24 16:18 | 8/7/24 | |
| Heptachlor Epoxide | 0.50 U | 0.50 | 1 | 08/08/24 16:18 | 8/7/24 | |
| Methoxychlor | 0.50 U | 0.50 | 1 | 08/08/24 16:18 | 8/7/24 | |
| Toxaphene | 5.0 U | 5.0 | 1 | 08/08/24 16:18 | 8/7/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Decachlorobiphenyl | 70 | 10 - 111 | 08/08/24 16:18 | |
| Tetrachloro-m-xylene | 58 | 10 - 101 | 08/08/24 16:18 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

**Service Request:** R2407010
**Date Analyzed:** 08/08/24

## Duplicate Lab Control Sample Summary
## TCLP Organochlorine Pesticides by Gas Chromatography

**Units:**ug/L
**Basis:**As Received

| | | Lab Control Sample | | | Duplicate Lab Control Sample | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | RQ2409527-02 | | | RQ2409527-03 | | | | | |
| **Analyte Name** | **Analytical Method** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| Endrin | 8081B | 3.01 | 4.00 | 75 | 2.99 | 4.00 | 75 | 47-116 | <1 | 30 |
| gamma-BHC (Lindane) | 8081B | 3.12 | 4.00 | 78 | 3.21 | 4.00 | 80 | 41-105 | 3 | 30 |
| Heptachlor | 8081B | 2.83 | 4.00 | 71 | 2.93 | 4.00 | 73 | 33-99 | 4 | 30 |
| Heptachlor Epoxide | 8081B | 3.19 | 4.00 | 80 | 3.23 | 4.00 | 81 | 46-111 | 1 | 30 |
| Methoxychlor | 8081B | 2.95 | 4.00 | 74 | 3.28 | 4.00 | 82 | 29-138 | 11 | 30 |

Confirmation Results

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Matrix:** Soil

**Service Request:** R2407010
**Date Collected:** NA
**Date Received:**

**Sample Name:** Lab Control Sample
**Lab Code:** RQ2409527-02

**Units:** ug/L
**Basis:** As Received

## TCLP Organochlorine Pesticides by Gas Chromatography

**Analytical Method:** 8081B
**Prep Method:** EPA 3510C

| Analyte Name | MRL | Primary Result | Confirmation Result | RPD | Q | Dilution Factor | Date Analyzed |
|---|---|---|---|---|---|---|---|
| Endrin | 0.50 | 3.01 | 3.12 | 4 | | 1 | 08/08/24 16:35 |
| Heptachlor | 0.50 | 2.83 | 2.93 | 3 | | 1 | 08/08/24 16:35 |
| Heptachlor Epoxide | 0.50 | 3.19 | 3.22 | <1 | | 1 | 08/08/24 16:35 |
| Methoxychlor | 0.50 | 2.95 | 3.29 | 11 | | 1 | 08/08/24 16:35 |
| gamma-BHC (Lindane) | 0.50 | 3.12 | 3.12 | <1 | | 1 | 08/08/24 16:35 |

Confirmation Results

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Matrix:** Soil

**Service Request:** R2407010
**Date Collected:** NA
**Date Received:**

**Sample Name:** Duplicate Lab Control Sample
**Lab Code:** RQ2409527-03

**Units:** ug/L
**Basis:** As Received

## TCLP Organochlorine Pesticides by Gas Chromatography

**Analytical Method:** 8081B
**Prep Method:** EPA 3510C

| Analyte Name | MRL | Primary Result | Confirmation Result | RPD | Q | Dilution Factor | Date Analyzed |
|---|---|---|---|---|---|---|---|
| Endrin | 0.50 | 2.99 | 3.13 | 5 | | 1 | 08/08/24 16:52 |
| Heptachlor | 0.50 | 2.93 | 2.97 | 1 | | 1 | 08/08/24 16:52 |
| Heptachlor Epoxide | 0.50 | 3.23 | 3.36 | 4 | | 1 | 08/08/24 16:52 |
| Methoxychlor | 0.50 | 3.28 | 3.40 | 4 | | 1 | 08/08/24 16:52 |
| gamma-BHC (Lindane) | 0.50 | 3.21 | 3.26 | 2 | | 1 | 08/08/24 16:52 |

Confirmation Results

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Matrix:** Soil

**Sample Name:** Drum Soil + Paint 1
**Lab Code:** RQ2409527-04

**Service Request:** R2407010
**Date Collected:** 07/29/24 13:00
**Date Received:** 7/31/24
**Pre-Prep Date:** 8/1/24

**Units:** ug/L
**Basis:** As Received

## Toxicity Characteristics Leachate Procedure (TCLP)
## TCLP Organochlorine Pesticides by Gas Chromatography

**Analytical Method:** 8081B
**Prep Method:** EPA 3510C

| Analyte Name | MRL | Primary Result | Confirmation Result | RPD | Q | Dilution Factor | Date Analyzed |
|---|---|---|---|---|---|---|---|
| Endrin | 0.50 | 2.81 | 3.09 | 9 | | 1 | 08/08/24 17:28 |
| Heptachlor | 0.50 | 2.84 | 2.95 | 4 | | 1 | 08/08/24 17:28 |
| Heptachlor Epoxide | 0.50 | 3.08 | 3.15 | 2 | | 1 | 08/08/24 17:28 |
| Methoxychlor | 0.50 | 3.28 | 3.29 | <1 | | 1 | 08/08/24 17:28 |
| gamma-BHC (Lindane) | 0.50 | 3.07 | 3.09 | <1 | | 1 | 08/08/24 17:28 |

Confirmation Results

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Matrix:** Soil

**Sample Name:** Drum Soil + Paint 1
**Lab Code:** RQ2409527-05

**Service Request:** R2407010
**Date Collected:** 07/29/24 13:00
**Date Received:** 7/31/24
**Pre-Prep Date:** 8/1/24

**Units:** ug/L
**Basis:** As Received

## Toxicity Characteristics Leachate Procedure (TCLP)
## TCLP Organochlorine Pesticides by Gas Chromatography

**Analytical Method:** 8081B
**Prep Method:** EPA 3510C

| Analyte Name | MRL | Primary Result | Confirmation Result | RPD | Q | Dilution Factor | Date Analyzed |
|---|---|---|---|---|---|---|---|
| Endrin | 0.50 | 2.76 | 2.90 | 5 | | 1 | 08/08/24 17:45 |
| Heptachlor | 0.50 | 2.69 | 2.72 | 1 | | 1 | 08/08/24 17:45 |
| Heptachlor Epoxide | 0.50 | 2.88 | 3.02 | 5 | | 1 | 08/08/24 17:45 |
| Methoxychlor | 0.50 | 3.23 | 3.35 | 4 | | 1 | 08/08/24 17:45 |
| gamma-BHC (Lindane) | 0.50 | 2.80 | 2.88 | 3 | | 1 | 08/08/24 17:45 |

Confirmation Results

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Matrix:** Soil

**Service Request:** R2407010
**Date Collected:** NA
**Date Received:**

**Sample Name:** Performance Evaluation
**Lab Code:** RQ2409690-04

**Units:** ug/L
**Basis:** As Received

## TCLP Organochlorine Pesticides by Gas Chromatography

**Prep Method:** 8081B

| | | Primary Result | Confirmation Result | RPD | Q | Dilution Factor | Date Analyzed |
|---|---|---|---|---|---|---|---|
| Endrin | 0.50 | 17 | 18 | 6 | | 1 | 08/08/24 15:07 |
| Methoxychlor | 0.50 | 86 | 88 | 2 | E | 1 | 08/08/24 15:07 |
| gamma-BHC (Lindane) | 0.50 | 3.4 | 3.5 | 3 | | 1 | 08/08/24 15:07 |

**Client:** Sessler Environmental Services **Service Request:** R2407010
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## Polychlorinated Biphenyls (PCBs) by GC using Microwave Extraction

**Analysis Method:** 8082A
**Extraction Method:** EPA 3546

| Sample Name | Lab Code | Decachlorobiphenyl 10 - 138 | Tetrachloro-m-xylene 11 - 122 |
|---|---|---|---|
| Drum Soil + Paint 1 | R2407010-001 | 110 | 68 |
| Method Blank | RQ2409265-01 | 73 | 73 |
| Lab Control Sample | RQ2409265-04 | 47 | 60 |
| Duplicate Lab Control Sample | RQ2409265-05 | 50 | 61 |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407010 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/Kg |
| **Lab Code:** | RQ2409265-01 | **Basis:** | Dry |

## Polychlorinated Biphenyls (PCBs) by GC using Microwave Extraction

**Analysis Method:** 8082A
**Prep Method:** EPA 3546

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| Aroclor 1016 | 33 U | 33 | 1 | 08/08/24 10:45 | 8/1/24 | |
| Aroclor 1221 | 67 U | 67 | 1 | 08/08/24 10:45 | 8/1/24 | |
| Aroclor 1232 | 33 U | 33 | 1 | 08/08/24 10:45 | 8/1/24 | |
| Aroclor 1242 | 33 U | 33 | 1 | 08/08/24 10:45 | 8/1/24 | |
| Aroclor 1248 | 33 U | 33 | 1 | 08/08/24 10:45 | 8/1/24 | |
| Aroclor 1254 | 33 U | 33 | 1 | 08/08/24 10:45 | 8/1/24 | |
| Aroclor 1260 | 33 U | 33 | 1 | 08/08/24 10:45 | 8/1/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Decachlorobiphenyl | 73 | 10 - 138 | 08/08/24 10:45 | |
| Tetrachloro-m-xylene | 73 | 11 - 122 | 08/08/24 10:45 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

**Service Request:** R2407010
**Date Analyzed:** 08/05/24

## Duplicate Lab Control Sample Summary
## Polychlorinated Biphenyls (PCBs) by GC using Microwave Extraction

**Units:**ug/Kg
**Basis:**Dry

| | | | Lab Control Sample | | Duplicate Lab Control Sample | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | RQ2409265-04 | | RQ2409265-05 | | | | | |
| **Analyte Name** | **Analytical Method** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| Aroclor 1016 | 8082A | 123 | 166 | 74 | 125 | 166 | 75 | 34-141 | 2 | 30 |
| Aroclor 1260 | 8082A | 125 | 166 | 75 | 133 | 166 | 80 | 30-158 | 6 | 30 |

Confirmation Results

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Matrix:** Soil

**Service Request:** R2407010
**Date Collected:** 07/29/24 13:00
**Date Received:** 7/31/24

**Sample Name:** Drum Soil + Paint 1
**Lab Code:** R2407010-001

**Units:** ug/Kg
**Basis:** Dry
**Percent Solids:** 88.9

## Polychlorinated Biphenyls (PCBs) by GC using Microwave Extraction

**Analytical Method:** 8082A
**Prep Method:** EPA 3546

| Analyte Name | MRL | Primary Result | Confirmation Result | RPD | Q | Dilution Factor | Date Analyzed |
|---|---|---|---|---|---|---|---|
| Aroclor 1242 | 370 | 3100 | 3300 | 6 | | 10 | 08/08/24 11:25 |

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**dba ALS Environmental**

Confirmation Results

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407010 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Matrix:** | Soil | **Date Received:** | |
| **Sample Name:** | Lab Control Sample | | |
| **Lab Code:** | RQ2409265-04 | **Units:** | ug/Kg |
| | | **Basis:** | Dry |

**Polychlorinated Biphenyls (PCBs) by GC using Microwave Extraction**

**Analytical Method:** 8082A
**Prep Method:** EPA 3546

| Analyte Name | MRL | Primary Result | Confirmation Result | RPD | Q | Dilution Factor | Date Analyzed |
|---|---|---|---|---|---|---|---|
| Aroclor 1016 | 33 | 123 | 123 | <1 | | 1 | 08/05/24 19:46 |
| Aroclor 1260 | 33 | 125 | 141 | 12 | | 1 | 08/05/24 19:46 |

**ALS Group USA, Corp.**
**dba ALS Environmental**

Confirmation Results

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407010 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Matrix:** | Soil | **Date Received:** | |
| **Sample Name:** | Duplicate Lab Control Sample | | |
| **Lab Code:** | RQ2409265-05 | **Units:** | ug/Kg |
| | | **Basis:** | Dry |

**Polychlorinated Biphenyls (PCBs) by GC using Microwave Extraction**

**Analytical Method:** 8082A
**Prep Method:** EPA 3546

| Analyte Name | MRL | Primary Result | Confirmation Result | RPD | Q | Dilution Factor | Date Analyzed |
|---|---|---|---|---|---|---|---|
| Aroclor 1016 | 33 | 125 | 130 | 4 | | 1 | 08/05/24 20:00 |
| Aroclor 1260 | 33 | 133 | 145 | 9 | | 1 | 08/05/24 20:00 |

**Client:** Sessler Environmental Services **Service Request:** R2407010
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## TCLP Chlorinated Herbicides by GC

**Analysis Method:** 8151A
**Extraction Method:** Method

| Sample Name | Lab Code | DCAA 12 - 131 |
|---|---|---|
| Drum Soil + Paint 1 | R2407010-001 | 63 |
| Method Blank | RQ2409303-01 | 71 |
| Method Blank | RQ2409354-01 | 69 |
| Lab Control Sample | RQ2409354-02 | 70 |
| Duplicate Lab Control Sample | RQ2409354-03 | 64 |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407010 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2409303-01 | **Basis:** | As Received |

## TCLP Chlorinated Herbicides by GC

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8151A | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | Method | **Pre-Prep Date:** | 8/1/24 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 2,4-D | 5.0 U | 5.0 | 1 | 08/07/24 00:54 | 8/2/24 | |
| 2,4,5-TP (Silvex) | 5.0 U | 5.0 | 1 | 08/07/24 00:54 | 8/2/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| DCAA | 71 | 12 - 131 | 08/07/24 00:54 | |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407010 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2409354-01 | **Basis:** | As Received |

## TCLP Chlorinated Herbicides by GC

**Analysis Method:** 8151A
**Prep Method:** Method

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 2,4-D | 5.0 U | 5.0 | 1 | 08/06/24 21:30 | 8/2/24 | |
| 2,4,5-TP (Silvex) | 5.0 U | 5.0 | 1 | 08/06/24 21:30 | 8/2/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| DCAA | 69 | 12 - 131 | 08/06/24 21:30 | |

**ALS Group USA, Corp.**
**dba ALS Environmental**

QA/QC Report

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

**Service Request:** R2407010
**Date Analyzed:** 08/06/24

## Duplicate Lab Control Sample Summary
## TCLP Chlorinated Herbicides by GC

**Units:**ug/L
**Basis:**As Received

| | | | Lab Control Sample | | Duplicate Lab Control Sample | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | RQ2409354-02 | | RQ2409354-03 | | | | | |
| **Analyte Name** | **Analytical Method** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| 2,4-D | 8151A | 24.8 | 40.0 | 62 | 22.9 | 40.0 | 57 | 10-103 | 8 | 30 |
| 2,4,5-TP (Silvex) | 8151A | 20.1 | 40.0 | 50 | 17.9 | 40.0 | 45 | 13-124 | 12 | 30 |

**ALS Group USA, Corp.**
**dba ALS Environmental**

Confirmation Results

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Matrix:** Soil

**Service Request:** R2407010
**Date Collected:** NA
**Date Received:**

**Sample Name:** Lab Control Sample
**Lab Code:** RQ2409354-02

**Units:** ug/L
**Basis:** As Received

## TCLP Chlorinated Herbicides by GC

**Analytical Method:** 8151A
**Prep Method:** Method

| Analyte Name | MRL | Primary Result | Confirmation Result | RPD | Q | Dilution Factor | Date Analyzed |
|---|---|---|---|---|---|---|---|
| 2,4,5-TP (Silvex) | 5.0 | 20.1 | 25.5 | 24 | | 1 | 08/06/24 22:28 |
| 2,4-D | 5.0 | 24.8 | 26.1 | 5 | | 1 | 08/06/24 22:28 |

**ALS Group USA, Corp.**
**dba ALS Environmental**

Confirmation Results

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407010 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Matrix:** | Soil | **Date Received:** | |
| **Sample Name:** | Duplicate Lab Control Sample | | |
| **Lab Code:** | RQ2409354-03 | **Units:** | ug/L |
| | | **Basis:** | As Received |

## TCLP Chlorinated Herbicides by GC

**Analytical Method:** 8151A
**Prep Method:** Method

| Analyte Name | MRL | Primary Result | Confirmation Result | RPD | Q | Dilution Factor | Date Analyzed |
|---|---|---|---|---|---|---|---|
| 2,4,5-TP (Silvex) | 5.0 | 17.9 | 23.5 | 27 | | 1 | 08/06/24 23:22 |
| 2,4-D | 5.0 | 22.9 | 24.0 | 5 | | 1 | 08/06/24 23:22 |

# Metals

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407010 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Basis:** | As Received |
| **Lab Code:** | R2407010-MB1 | | |

**Toxicity Characteristics Leachate Procedure (TCLP)**

**Inorganic Parameters**

**Pre-Prep Method:** EPA 1311

| Analyte Name | Analysis Method | Result | Units | MRL | MDL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 6010D | 0.02 U | mg/L | 0.50 | 0.02 | 1 | 08/06/24 20:38 | 08/02/24 | |
| Barium | 6010D | 0.04 U | mg/L | 1.0 | 0.04 | 1 | 08/06/24 20:38 | 08/02/24 | |
| Cadmium | 6010D | 0.01 U | mg/L | 0.10 | 0.01 | 1 | 08/06/24 20:38 | 08/02/24 | |
| Chromium | 6010D | 0.05 U | mg/L | 0.10 | 0.05 | 1 | 08/06/24 20:38 | 08/02/24 | |
| Lead | 6010D | 0.05 U | mg/L | 0.10 | 0.05 | 1 | 08/06/24 20:38 | 08/02/24 | |
| Mercury | 7470A | 0.00008 U | mg/L | 0.00030 | 0.00008 | 1 | 08/05/24 14:56 | 08/02/24 | |
| Selenium | 6010D | 0.02 U | mg/L | 0.20 | 0.02 | 1 | 08/06/24 20:38 | 08/02/24 | |
| Silver | 6010D | 0.01 U | mg/L | 0.10 | 0.01 | 1 | 08/06/24 20:38 | 08/02/24 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407010 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Basis:** | As Received |
| **Lab Code:** | R2407010-MB2 | | |

## Inorganic Parameters

| Analyte Name | Analysis Method | Result | | Units | MRL | MDL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 6010D | 0.02 | U | mg/L | 0.50 | 0.02 | 1 | 08/06/24 20:28 | 08/02/24 | |
| Barium | 6010D | 0.04 | U | mg/L | 1.0 | 0.04 | 1 | 08/06/24 20:28 | 08/02/24 | |
| Cadmium | 6010D | 0.01 | U | mg/L | 0.10 | 0.01 | 1 | 08/06/24 20:28 | 08/02/24 | |
| Chromium | 6010D | 0.05 | U | mg/L | 0.10 | 0.05 | 1 | 08/06/24 20:28 | 08/02/24 | |
| Lead | 6010D | 0.05 | U | mg/L | 0.10 | 0.05 | 1 | 08/06/24 20:28 | 08/02/24 | |
| Mercury | 7470A | 0.00008 | U | mg/L | 0.00030 | 0.00008 | 1 | 08/05/24 14:46 | 08/02/24 | |
| Selenium | 6010D | 0.02 | U | mg/L | 0.20 | 0.02 | 1 | 08/06/24 20:28 | 08/02/24 | |
| Silver | 6010D | 0.01 | U | mg/L | 0.10 | 0.01 | 1 | 08/06/24 20:28 | 08/02/24 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

**Service Request:** R2407010
**Date Analyzed:** 08/05/24 - 08/06/24

## Lab Control Sample Summary
## Inorganic Parameters

**Units:**mg/L
**Basis:**As Received

### Lab Control Sample
R2407010-LCS

| Analyte Name | Analytical Method | Result | Spike Amount | % Rec | % Rec Limits |
|---|---|---|---|---|---|
| Arsenic | 6010D | 0.962 | 1.00 | 96 | 80-120 |
| Barium | 6010D | 1.96 | 2.0 | 98 | 80-120 |
| Cadmium | 6010D | 0.496 | 0.50 | 99 | 80-120 |
| Chromium | 6010D | 0.497 | 0.50 | 99 | 80-120 |
| Lead | 6010D | 0.513 | 0.50 | 103 | 80-120 |
| Mercury | 7470A | 0.00115 | 0.00100 | 115 | 80-120 |
| Selenium | 6010D | 0.961 | 1.00 | 96 | 80-120 |
| Silver | 6010D | 0.254 | 0.25 | 102 | 80-120 |

August 09, 2024 Service Request No:R2407014

Frank Thomas
Sessler Environmental Services
1330 Research Forest
Macedon, NY 14502

**Laboratory Results for: Bisonite Paint BCP**

Dear Frank,

Enclosed are the results of the sample(s) submitted to our laboratory July 31, 2024
For your reference, these analyses have been assigned our service request number **R2407014.**

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7472. You may also contact me via email at Janice.Jaeger@alsglobal.com.

Respectfully submitted,

**ALS Group USA, Corp. dba ALS Environmental**



Janice Jaeger
Project Manager

CC: Eric Hoban

ADDRESS 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
PHONE +1 585 288 5380 | FAX +1 585 288 8475
ALS Group USA, Corp.
dba ALS Environmental

# Narrative Documents

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP
**Sample Matrix:** Soil

**Service Request:** R2407014
**Date Received:** 07/31/2024

## CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

**Sample Receipt:**

One soil sample was received for analysis at ALS Environmental on 07/31/2024. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

**Semivolatiles by GC/MS:**

No significant anomalies were noted with this analysis.

**Semivoa GC:**

Method 8081B, 08/08/2024: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
Method 8082A, 08/08/2024: The control limits were exceeded for analytes in the Continuing Calibration Verification (CCV). The QC failure was most likely due to the composition of the sample(s) immediately preceding the failing CCV. In order to protect the integrity of the instrument, no further corrective action was taken. Results should be considered estimated.

**Metals:**

When analyzed without dilution, the concentration of one or more elements in one or more samples exceeded the associated single element interference check concentration. As per section 9.9.1 of EPA 6010D, affected samples were diluted to reduce the solution concentration of the high concentration element below the interference check concentration, whether or not the high concentration element was an analyte of interest. The dilution has increased the reporting limits accordingly.

**General Chemistry:**

No significant anomalies were noted with this analysis.

**Volatiles by GC/MS:**

Method 8260D, 08/03/2024: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Approved by _____ Date 08/09/2024

## SAMPLE DETECTION SUMMARY

This form includes only detections above the reporting levels. For a full listing of sample results, continue to the Sample Results section of this Report.

| CLIENT ID: Lagoon Soils #2 | | | Lab ID: R2407014-001 | | | |
|---|---|---|---|---|---|---|
| **Analyte** | **Results** | **Flag** | **MDL** | **MRL** | **Units** | **Method** |
| Aroclor 1242 | 4700 | | | 360 | ug/Kg | 8082A |
| Barium | 1.5 | J | 0.2 | 3.0 | mg/L | 6010D |
| Ignitability | Not Ignitable | | | | NONE | 1030 |
| Lead | 0.84 | | 0.15 | 0.30 | mg/L | 6010D |
| pH | 7.90 | | | | pH Units | 9045D |
| Total Solids | 90.4 | | | | Percent | ALS SOP |

# Sample Receipt Information

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

**Client:** Sessler Environmental Services **Service Request:**R2407014
**Project:** Bisonite Paint BCP/24-E878

## SAMPLE CROSS-REFERENCE

| SAMPLE # | CLIENT SAMPLE ID | DATE | TIME |
|---|---|---|---|
| R2407014-001 | Lagoon Soils #2 | 7/30/2024 | 1000 |

# Chain of Custody / Analytical Request Form

75862

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 • +1 585 288 5380 • alsglobal.com

SP #

Page ___ of ___

**Report To:**

Sessler Environmental
Frank Thomas
fthomas@sessler.com
585-617-5710
1330 Research Forest
Macedon, Ny 14502

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER

Project Name: Bisonite Paint BCP
Project Number: 24-E878
ALS Quote #:
Sampler's Signature:
Email CC:
Email CC:
State Samples Collected (Check or Write): NY, MA, PA, CT, Other

Preservative: 0 None; 1. HCl; 2. HNO3; 3. H2SO4; 4. NAOH; 5. Zn Acet; 6. MeOH; 7 NaHSO4; 8. Other

| Lab ID (ALS) | Sample ID: | Date | Time | Matrix (S = Soil, W = Water, SW = Storm Water, DW = Drinking Water, O = Other) | Number of Containers | MS/MSD? | GC/MS VOA 8260•624•524•TCLP | GC/MS SVOA 8270 • 625 • TCLP | Pesticides 8081 • 608 • TCLP | PCBs 8082 • 608 | Herbicides 8151 • TCLP | Metals, Total (specify list) | Metals, Dissolved (specify list) | TCLP Metals | TCLP SVOA | TCLP VOC | Flash | Ph | Reactivity/Cyanide | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Lagoon Soils #2 | 7/30 | 10 00 | S | 3 | | | | | X | | | | X | X | X | X | X | X | |

Special Instructions / Comments

X Rush

**Turnaround Requirements**

X Rush (Surcharges Apply)
*Subject to Availability*
*Please Check with your PM*
___ Standard (10 Business Days)
Date Required

**Report Requirements**

___ Tier I (Cat A Results/QC)
___ Tier II (Cat B Data Validation Report w/ Data)
EDD ___ Yes ___ No
EDD Type

Metals: RCRA 8 • PP 13 • TCLP • TAL • Other

VOA/SVOA Report List: TCL • PP 13 • TAL • Other

Invoice To: ( Same as Report To)

PO # 24-E878

To: Sessler Env
Attn: AP
Email: ap@sessler.com
Phone: 585-617-5710

| | Relinquished By: | Received By | Relinquished By | Received By | Relinquished By | Received By |
|---|---|---|---|---|---|---|
| Signature | | | | | | |
| Printed Name | | | | | | |
| Company | | | | | | |
| Date/Time | | | | | | |

Distribution: White - Lab Copy, Yellow - Return to Originator

R2407014 5
Sessler Environmental Services
Bisonite Paint BCP

R2407014 5
Sessler Environmental Services
Bisonite Paint BCP

# Cooler Receipt and Preservation Check Form

Project/Client _____ Folder Number _____

Cooler received on 7/31/24 by: RDA

**COURIER:** (ALS) UPS FEDEX VELOCITY CLIENT

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1 | Were **Custody seals** on outside of cooler? | Y (N) | 5a | Did **VOA** vials have sig* **bubbles?** | | Y (N) NA |
| 2 | **Custody papers** properly completed (ink, signed)? | (Y) N | 5b | Sig* bubbles: **Alk?** | Y N (NA) | **Sulfide?** | Y N (NA) |
| 3 | Did all bottles arrive in good **condition** (unbroken)? | (Y) N | 6 | Where did the bottles originate? | | ALS/ROC | CLIENT |
| 4 | Circle: **Wet Ice Dry Ice Gel packs** present? | (Y) N | 7 | Soil VOA received as: | (Bulk) | Encore | 5035set NA |

8. Temperature Readings Date: 7/31/24 Time: 1620 ID: IR#12 IR#1 From: Temp Blank (Sample Bottle)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Temp (°C) | 29.9 | 6.3 | | | | | |
| Within 0-6°C? | Y (N) | Y (N) | Y N | Y N | Y N | Y N | Y N |
| If <0°C, were samples frozen? | Y N | Y N | Y N | Y N | Y N | Y N | Y N |

**If out of Temperature, note packing/ice condition:** _____ Ice melted Poorly Packed (described below) (Same Day Rule)*

**&Client Approval to Run Samples:** _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: SMO by RDA on 7/31/24 at 1622
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 7/31/24 Time: 1619 by: SES

9. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? YES NO
10. Did all bottle labels and tags agree with custody papers? YES NO
11. Were correct containers used for the tests indicated? YES NO
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO N/A
13. Were dissolved metals filtered in the field? YES NO N/A
14. Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized Tedlar® Bags Inflated N/A

| pH | Lot of test paper | Reagent | Preserved? Yes | Preserved? No | Lot Received | Exp | Sample ID Adjusted | Vol. Added | Lot Added | Final pH |
|---|---|---|---|---|---|---|---|---|---|---|
| ≥12 | | NaOH | | | | | | | | |
| ≤2 | | $HNO_3$ | | | | | | | | |
| ≤2 | | $H_2SO_4$ | | | | | | | | |
| <4 | | $NaHSO_4$ | | | | | | | | |
| 5-9 | | For 608pest | | | No=Notify for 3day | | | | | |
| Residual Chlorine (-) | | For CN, Phenol, 625, 608pest, 522 | | | If +, contact PM to add $Na_2S_2O_3$ (625, 608, CN), ascorbic (phenol). | | | | | |
| | | $Na_2S_2O_3$ | | | | | | | | |
| | | ZnAcetate | - | - | | | **VOAs and 1664 Not to be tested before analysis. Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives). | | | |
| | | HCl | ** | ** | | | | | | |

Bottle lot numbers: 052223-1TW, 020326-3TE

Explain all Discrepancies/ Other Comments:

* Soil Samples had no ice

| | |
|---|---|
| HPROD | BULK |
| HTR | FLDT |
| SUB | HGFB |
| ALS | LL3541 |

Labels secondary reviewed by: SES

*significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

# Miscellaneous Forms

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

# REPORT QUALIFIERS AND DEFINITIONS

| | |
|---|---|
| U | Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative. |
| J | Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors). |
| B | Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result. |
| E | Inorganics- Concentration is estimated due to the serial dilution was outside control limits. |
| E | Organics- Concentration has exceeded the calibration range for that specific analysis. |
| D | Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed. |
| * | Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time. |
| H | Analysis was performed out of hold time for tests that have an "immediate" hold time criteria. |
| # | Spike was diluted out. |
| + | Correlation coefficient for MSA is <0.995. |
| N | Inorganics- Matrix spike recovery was outside laboratory limits. |
| N | Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search. |
| S | Concentration has been determined using Method of Standard Additions (MSA). |
| W | Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance. |
| P | Concentration >40% difference between the two GC columns. |
| C | Confirmed by GC/MS |
| Q | DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns). |
| X | See Case Narrative for discussion. |
| MRL<br>LOQ | Method Reporting Limit. Also known as:<br>Limit of Quantitation (LOQ)<br>The lowest concentration at which the method analyte may be reliably quantified under the method conditions. |
| MDL | Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier). |
| LOD | Limit of Detection. A value at or above the MDL which has been verified to be detectable. |
| ND | Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier. |

## Rochester Lab ID # for State Accreditations[1]

| NELAP States |
|---|
| Florida ID # E87674 |
| New Hampshire ID # 2941 |
| New York ID # 10145 |
| Pennsylvania ID# 68-786 |
| Virginia #460167 |

| Non-NELAP States |
|---|
| Connecticut ID #PH0556 |
| Delaware Approved |
| Maine ID #NY01587 |
| North Carolina #36701 |
| North Carolina #676 |
| Rhode Island LAO00333 |

[1] Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory. To verify NH accredited analytes, go to https://www4.des.state.nh.us/CertifiedLabs/Certified-Method.aspx.

# ALS Laboratory Group

**Acronyms**

| | |
|---|---|
| ASTM | American Society for Testing and Materials |
| A2LA | American Association for Laboratory Accreditation |
| CARB | California Air Resources Board |
| CAS Number | Chemical Abstract Service registry Number |
| CFC | Chlorofluorocarbon |
| CFU | Colony-Forming Unit |
| DEC | Department of Environmental Conservation |
| DEQ | Department of Environmental Quality |
| DHS | Department of Health Services |
| DOE | Department of Ecology |
| DOH | Department of Health |
| EPA | U. S. Environmental Protection Agency |
| ELAP | Environmental Laboratory Accreditation Program |
| GC | Gas Chromatography |
| GC/MS | Gas Chromatography/Mass Spectrometry |
| LUFT | Leaking Underground Fuel Tank |
| M | Modified |
| MCL | Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA. |
| MDL | Method Detection Limit |
| MPN | Most Probable Number |
| MRL | Method Reporting Limit |
| NA | Not Applicable |
| NC | Not Calculated |
| NCASI | National Council of the Paper Industry for Air and Stream Improvement |
| ND | Not Detected |
| NIOSH | National Institute for Occupational Safety and Health |
| PQL | Practical Quantitation Limit |
| RCRA | Resource Conservation and Recovery Act |
| SIM | Selected Ion Monitoring |
| TPH | Total Petroleum Hydrocarbons |
| tr | Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL. |

**Client:** Sessler Environmental Services **Service Request:** R2407014
**Project:** Bisonite Paint BCP/24-E878

## Non-Certified Analytes

**Certifying Agency:** New York Department of Health

| Method | Matrix | Analyte |
|---|---|---|
| ALS SOP | Soil | Total Solids |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407014 |
| **Project:** | Bisonite Paint BCP/24-E878 | | |

| | | | |
|---|---|---|---|
| **Sample Name:** | Lagoon Soils #2 | **Date Collected:** | 07/30/24 |
| **Lab Code:** | R2407014-001 | **Date Received:** | 07/31/24 |
| **Sample Matrix:** | Soil | | |

| Analysis Method | Extracted/Digested By | Analyzed By |
|---|---|---|
| 1030 | | CWOODS |
| 6010D | CKUTZER | NMANSEN |
| 7470A | NMANSEN | NMANSEN |
| 8081B | JVANHEYNINGEN | BALLGEIER |
| 8082A | JVANHEYNINGEN | AFELSER |
| 8151A | JVANHEYNINGEN | AFELSER |
| 8260D | | FNAEGLER |
| 8270E | JVANHEYNINGEN | BALLGEIER |
| 9012B | GNITAJOUPPI | MROGERSON |
| 9034 | CCAMPBELL | SZOGBY |
| 9045D | | SBIRNBERG |
| ALS SOP | | HCASTROVINCI |

# PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

## INORGANIC

**Water/Liquid Matrix**

| Analytical Method | Preparation Method |
|---|---|
| 200.7 | 200.2 |
| 200.8 | 200.2 |
| 6010C or 6010D | 3005A/3010A |
| 6020A or 6020B | ILM05.3 |
| 9034 Sulfide Acid Soluble | 9030B |
| SM 4500-CN-N-2016 Amenable and Residual Cyanide | SM 4500-CN-G and SM 4500-CN-B,C-2016 |
| SM 4500-CN-E WAD Cyanide | SM 4500-CN-I |

**Solid/Soil/Non-Aqueous Matrix**

| Analytical Method | Preparation Method |
|---|---|
| 6010C or 6010D | 3050B |
| 6020A or 6020B | 3050B |
| 6010C or 6010D TCLP (1311) extract | 3005A/3010A |
| 6010C or 6010D SPLP (1312) extract | 3005A/3010A |
| 7199 | 3060A |
| 300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions | DI extraction |
| For analytical methods not listed, the preparation method is the same as the analytical method reference. | |

## ORGANIC

**Preparation Methods for Organic methods are listed in the header of the Results pages.**

**Regarding "Bulk/5035A":**
For soil/solid samples submitted in soil jars for Volatiles analysis, the prep method is listed as "Bulk/5035A". The lab follows the closed-system EPA 5035A protocols once the sample is transferred to a sealed vial, but collection in bulk in soil jars does not follow the collection protocols listed in EPA 5035A. In accordance with the NYSDOH technical notice of October 2012, all results or reporting limits <200 ug/kg are to be considered estimated due to potential low bias.

# Sample Results

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# Volatile Organic Compounds by GC/MS

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Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407014 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 07/30/24 10:00 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 16:10 |
| **Sample Name:** | Lagoon Soils #2 | **Units:** | ug/L |
| **Lab Code:** | R2407014-001 | **Basis:** | As Received |

## TCLP Volatile Organic Compounds by GC/MS

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8260D | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 5030C | **Pre-Prep Date:** | 8/1/24 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Q |
|---|---|---|---|---|---|
| 1,1-Dichloroethene (1,1-DCE) | 50 U | 50 | 10 | 08/03/24 19:33 | |
| 1,2-Dichloroethane | 50 U | 50 | 10 | 08/03/24 19:33 | |
| 2-Butanone (MEK) | 100 U | 100 | 10 | 08/03/24 19:33 | |
| Benzene | 50 U | 50 | 10 | 08/03/24 19:33 | |
| Carbon Tetrachloride | 50 U | 50 | 10 | 08/03/24 19:33 | |
| Chlorobenzene | 50 U | 50 | 10 | 08/03/24 19:33 | |
| Chloroform | 50 U | 50 | 10 | 08/03/24 19:33 | |
| Tetrachloroethene (PCE) | 50 U | 50 | 10 | 08/03/24 19:33 | |
| Trichloroethene (TCE) | 50 U | 50 | 10 | 08/03/24 19:33 | |
| Vinyl Chloride | 50 U | 50 | 10 | 08/03/24 19:33 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 4-Bromofluorobenzene | 97 | 85 - 122 | 08/03/24 19:33 | |
| Dibromofluoromethane | 99 | 80 - 116 | 08/03/24 19:33 | |
| Toluene-d8 | 101 | 87 - 121 | 08/03/24 19:33 | |

# Semivolatile Organic Compounds by GC/MS

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www.alsglobal.com

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407014 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 07/30/24 10:00 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 16:10 |
| **Sample Name:** | Lagoon Soils #2 | **Units:** | ug/L |
| **Lab Code:** | R2407014-001 | **Basis:** | As Received |

## TCLP Semivolatile Organic Compounds by GC/MS

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8270E | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 3510C | **Pre-Prep Date:** | 8/1/24 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 1,4-Dichlorobenzene | 100 U | 100 | 1 | 08/05/24 22:52 | 8/2/24 | |
| 2,4,5-Trichlorophenol | 100 U | 100 | 1 | 08/05/24 22:52 | 8/2/24 | |
| 2,4,6-Trichlorophenol | 100 U | 100 | 1 | 08/05/24 22:52 | 8/2/24 | |
| 2,4-Dinitrotoluene | 100 U | 100 | 1 | 08/05/24 22:52 | 8/2/24 | |
| 2-Methylphenol | 100 U | 100 | 1 | 08/05/24 22:52 | 8/2/24 | |
| 3- and 4-Methylphenol Coelution | 100 U | 100 | 1 | 08/05/24 22:52 | 8/2/24 | |
| Hexachlorobenzene | 100 U | 100 | 1 | 08/05/24 22:52 | 8/2/24 | |
| Hexachlorobutadiene | 100 U | 100 | 1 | 08/05/24 22:52 | 8/2/24 | |
| Hexachloroethane | 100 U | 100 | 1 | 08/05/24 22:52 | 8/2/24 | |
| Nitrobenzene | 100 U | 100 | 1 | 08/05/24 22:52 | 8/2/24 | |
| Pentachlorophenol (PCP) | 500 U | 500 | 1 | 08/05/24 22:52 | 8/2/24 | |
| Pyridine | 500 U | 500 | 1 | 08/05/24 22:52 | 8/2/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 2,4,6-Tribromophenol | 89 | 35 - 141 | 08/05/24 22:52 | |
| 2-Fluorobiphenyl | 63 | 31 - 118 | 08/05/24 22:52 | |
| 2-Fluorophenol | 55 | 10 - 105 | 08/05/24 22:52 | |
| Nitrobenzene-d5 | 73 | 31 - 110 | 08/05/24 22:52 | |
| Phenol-d6 | 39 | 10 - 107 | 08/05/24 22:52 | |
| p-Terphenyl-d14 | 89 | 10 - 165 | 08/05/24 22:52 | |

# Semivolatile Organic Compounds by GC

**ALS Environmental—Rochester Laboratory**
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Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407014 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 07/30/24 10:00 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 16:10 |
| **Sample Name:** | Lagoon Soils #2 | **Units:** | ug/L |
| **Lab Code:** | R2407014-001 | **Basis:** | As Received |

## TCLP Organochlorine Pesticides by Gas Chromatography

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8081B | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 3510C | **Pre-Prep Date:** | 8/1/24 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| Chlordane | 2.5 U | 2.5 | 1 | 08/08/24 18:03 | 8/7/24 | |
| Endrin | 0.50 U | 0.50 | 1 | 08/08/24 18:03 | 8/7/24 | |
| gamma-BHC (Lindane) | 0.50 U | 0.50 | 1 | 08/08/24 18:03 | 8/7/24 | |
| Heptachlor | 0.50 U | 0.50 | 1 | 08/08/24 18:03 | 8/7/24 | |
| Heptachlor Epoxide | 0.50 U | 0.50 | 1 | 08/08/24 18:03 | 8/7/24 | |
| Methoxychlor | 0.50 U | 0.50 | 1 | 08/08/24 18:03 | 8/7/24 | |
| Toxaphene | 5.0 U | 5.0 | 1 | 08/08/24 18:03 | 8/7/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Decachlorobiphenyl | 69 | 10 - 111 | 08/08/24 18:03 | |
| Tetrachloro-m-xylene | 66 | 10 - 101 | 08/08/24 18:03 | |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407014 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 07/30/24 10:00 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 16:10 |
| **Sample Name:** | Lagoon Soils #2 | **Units:** | ug/Kg |
| **Lab Code:** | R2407014-001 | **Basis:** | Dry |

## Polychlorinated Biphenyls (PCBs) by GC using Microwave Extraction

**Analysis Method:** 8082A
**Prep Method:** EPA 3546

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| Aroclor 1016 | 360 U | 360 | 10 | 08/08/24 11:53 | 8/1/24 | |
| Aroclor 1221 | 740 U | 740 | 10 | 08/08/24 11:53 | 8/1/24 | |
| Aroclor 1232 | 360 U | 360 | 10 | 08/08/24 11:53 | 8/1/24 | |
| Aroclor 1242 | **4700** | 360 | 10 | 08/08/24 11:53 | 8/1/24 | |
| Aroclor 1248 | 360 U | 360 | 10 | 08/08/24 11:53 | 8/1/24 | |
| Aroclor 1254 | 360 U | 360 | 10 | 08/08/24 11:53 | 8/1/24 | |
| Aroclor 1260 | 360 U | 360 | 10 | 08/08/24 11:53 | 8/1/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Decachlorobiphenyl | 100 | 10 - 138 | 08/08/24 11:53 | |
| Tetrachloro-m-xylene | 66 | 11 - 122 | 08/08/24 11:53 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407014 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 07/30/24 10:00 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 16:10 |
| **Sample Name:** | Lagoon Soils #2 | **Units:** | ug/L |
| **Lab Code:** | R2407014-001 | **Basis:** | As Received |

## TCLP Chlorinated Herbicides by GC

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8151A | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | Method | **Pre-Prep Date:** | 8/1/24 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 2,4-D | 5.0 U | 5.0 | 1 | 08/07/24 00:01 | 8/2/24 | |
| 2,4,5-TP (Silvex) | 5.0 U | 5.0 | 1 | 08/07/24 00:01 | 8/2/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| DCAA | 60 | 12 - 131 | 08/07/24 00:01 | |

# Metals

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Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407014 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 07/30/24 10:00 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 16:10 |
| **Sample Name:** | Lagoon Soils #2 | **Basis:** | As Received |
| **Lab Code:** | R2407014-001 | | |

## Toxicity Characteristics Leachate Procedure (TCLP)

## Inorganic Parameters

**Pre-Prep Method:** EPA 1311

| Analyte Name | Analysis Method | Result | Units | MRL | MDL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 6010D | 0.06 U | mg/L | 1.5 | 0.06 | 3 | 08/07/24 09:56 | 08/02/24 | |
| Barium | 6010D | **1.5 J** | mg/L | 3.0 | 0.2 | 3 | 08/07/24 09:56 | 08/02/24 | |
| Cadmium | 6010D | 0.03 U | mg/L | 0.30 | 0.03 | 3 | 08/07/24 09:56 | 08/02/24 | |
| Chromium | 6010D | 0.15 U | mg/L | 0.30 | 0.15 | 3 | 08/07/24 09:56 | 08/02/24 | |
| Lead | 6010D | **0.84** | mg/L | 0.30 | 0.15 | 3 | 08/07/24 09:56 | 08/02/24 | |
| Mercury | 7470A | 0.00008 U | mg/L | 0.00030 | 0.00008 | 1 | 08/05/24 15:52 | 08/02/24 | |
| Selenium | 6010D | 0.06 U | mg/L | 0.60 | 0.06 | 3 | 08/07/24 09:56 | 08/02/24 | |
| Silver | 6010D | 0.03 U | mg/L | 0.30 | 0.03 | 3 | 08/07/24 09:56 | 08/02/24 | |

# General Chemistry

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Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407014 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 07/30/24 10:00 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 16:10 |
| **Sample Name:** | Lagoon Soils #2 | **Basis:** | Dry |
| **Lab Code:** | R2407014-001 | | |

## Inorganic Parameters

| Analyte Name | Analysis Method | Result | | Units | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide, Reactive as Total | 9012B | 0.33 | U | mg/Kg | 0.33 | 1 | 08/01/24 21:46 | 08/01/24 | |
| Sulfide Reactive as Total | 9034 | 22 | U | mg/Kg | 22 | 1 | 08/02/24 16:30 | 08/02/24 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407014 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 07/30/24 10:00 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 16:10 |
| **Sample Name:** | Lagoon Soils #2 | **Basis:** | As Received |
| **Lab Code:** | R2407014-001 | | |

## Inorganic Parameters

| Analyte Name | Analysis Method | Result | Units | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|
| Ignitability | 1030 | **Not Ignitable** | NONE | - | 1 | 08/07/24 11:00 | NA | |
| pH | 9045D | **7.90** | pH Units | - | 1 | 08/05/24 14:27 | NA | H |
| Total Solids | ALS SOP | **90.4** | Percent | - | 1 | 08/02/24 17:15 | NA | |

# QC Summary Forms

**ALS Environmental—Rochester Laboratory**
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# Volatile Organic Compounds by GC/MS

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**Client:** Sessler Environmental Services **Service Request:** R2407014
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## TCLP Volatile Organic Compounds by GC/MS

**Analysis Method:** 8260D
**Extraction Method:** EPA 5030C

| Sample Name | Lab Code | 4-Bromofluorobenzene 85 - 122 | Dibromofluoromethane 80 - 116 | Toluene-d8 87 - 121 |
|---|---|---|---|---|
| Lagoon Soils #2 | R2407014-001 | 97 | 99 | 101 |
| Method Blank | RQ2409291-01 | 96 | 100 | 99 |
| Lab Control Sample | RQ2409369-05 | 99 | 102 | 100 |
| Method Blank | RQ2409369-06 | 96 | 99 | 101 |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407014 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2409291-01 | **Basis:** | As Received |

## TCLP Volatile Organic Compounds by GC/MS

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8260D | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 5030C | **Pre-Prep Date:** | 8/1/24 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Q |
|---|---|---|---|---|---|
| 1,1-Dichloroethene (1,1-DCE) | 5.0 U | 5.0 | 1 | 08/03/24 14:59 | |
| 1,2-Dichloroethane | 5.0 U | 5.0 | 1 | 08/03/24 14:59 | |
| 2-Butanone (MEK) | 10 U | 10 | 1 | 08/03/24 14:59 | |
| Benzene | 5.0 U | 5.0 | 1 | 08/03/24 14:59 | |
| Carbon Tetrachloride | 5.0 U | 5.0 | 1 | 08/03/24 14:59 | |
| Chlorobenzene | 5.0 U | 5.0 | 1 | 08/03/24 14:59 | |
| Chloroform | 5.0 U | 5.0 | 1 | 08/03/24 14:59 | |
| Tetrachloroethene (PCE) | 5.0 U | 5.0 | 1 | 08/03/24 14:59 | |
| Trichloroethene (TCE) | 5.0 U | 5.0 | 1 | 08/03/24 14:59 | |
| Vinyl Chloride | 5.0 U | 5.0 | 1 | 08/03/24 14:59 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 4-Bromofluorobenzene | 96 | 85 - 122 | 08/03/24 14:59 | |
| Dibromofluoromethane | 100 | 80 - 116 | 08/03/24 14:59 | |
| Toluene-d8 | 99 | 87 - 121 | 08/03/24 14:59 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407014 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2409369-06 | **Basis:** | As Received |

## TCLP Volatile Organic Compounds by GC/MS

**Analysis Method:** 8260D
**Prep Method:** EPA 5030C

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Q |
|---|---|---|---|---|---|
| 1,1-Dichloroethene (1,1-DCE) | 5.0 U | 5.0 | 1 | 08/03/24 13:28 | |
| 1,2-Dichloroethane | 5.0 U | 5.0 | 1 | 08/03/24 13:28 | |
| 2-Butanone (MEK) | 10 U | 10 | 1 | 08/03/24 13:28 | |
| Benzene | 5.0 U | 5.0 | 1 | 08/03/24 13:28 | |
| Carbon Tetrachloride | 5.0 U | 5.0 | 1 | 08/03/24 13:28 | |
| Chlorobenzene | 5.0 U | 5.0 | 1 | 08/03/24 13:28 | |
| Chloroform | 5.0 U | 5.0 | 1 | 08/03/24 13:28 | |
| Tetrachloroethene (PCE) | 5.0 U | 5.0 | 1 | 08/03/24 13:28 | |
| Trichloroethene (TCE) | 5.0 U | 5.0 | 1 | 08/03/24 13:28 | |
| Vinyl Chloride | 5.0 U | 5.0 | 1 | 08/03/24 13:28 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 4-Bromofluorobenzene | 96 | 85 - 122 | 08/03/24 13:28 | |
| Dibromofluoromethane | 99 | 80 - 116 | 08/03/24 13:28 | |
| Toluene-d8 | 101 | 87 - 121 | 08/03/24 13:28 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

**Service Request:** R2407014
**Date Analyzed:** 08/03/24

## Lab Control Sample Summary
## TCLP Volatile Organic Compounds by GC/MS

**Units:** ug/L
**Basis:** As Received

### Lab Control Sample
RQ2409369-05

| Analyte Name | Analytical Method | Result | Spike Amount | % Rec | % Rec Limits |
|---|---|---|---|---|---|
| 1,1-Dichloroethene (1,1-DCE) | 8260D | 20.6 | 20.0 | 103 | 69-142 |
| 1,2-Dichloroethane | 8260D | 19.8 | 20.0 | 99 | 71-127 |
| 2-Butanone (MEK) | 8260D | 14.8 | 20.0 | 74 | 61-137 |
| Benzene | 8260D | 20.7 | 20.0 | 103 | 79-119 |
| Carbon Tetrachloride | 8260D | 20.8 | 20.0 | 104 | 70-127 |
| Chlorobenzene | 8260D | 20.2 | 20.0 | 101 | 80-121 |
| Chloroform | 8260D | 20.3 | 20.0 | 101 | 79-120 |
| Tetrachloroethene (PCE) | 8260D | 20.8 | 20.0 | 104 | 72-125 |
| Trichloroethene (TCE) | 8260D | 18.9 | 20.0 | 94 | 74-122 |
| Vinyl Chloride | 8260D | 18.5 | 20.0 | 92 | 74-159 |

# Semivolatile Organic Compounds by GC/MS

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www.alsglobal.com

**Client:** Sessler Environmental Services **Service Request:** R2407014
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## TCLP Semivolatile Organic Compounds by GC/MS

**Analysis Method:** 8270E
**Extraction Method:** EPA 3510C

| Sample Name | Lab Code | 2,4,6-Tribromophenol 35 - 141 | 2-Fluorobiphenyl 31 - 118 | 2-Fluorophenol 10 - 105 |
|---|---|---|---|---|
| Lagoon Soils #2 | R2407014-001 | 89 | 63 | 55 |
| Method Blank | RQ2409303-01 | 61 | 43 | 38 |
| Method Blank | RQ2409337-01 | 75 | 62 | 51 |
| Lab Control Sample | RQ2409337-02 | 108 | 77 | 60 |
| Duplicate Lab Control Sample | RQ2409337-03 | 98 | 67 | 50 |

**Client:** Sessler Environmental Services **Service Request:** R2407014
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## TCLP Semivolatile Organic Compounds by GC/MS

**Analysis Method:** 8270E
**Extraction Method:** EPA 3510C

| Sample Name | Lab Code | Nitrobenzene-d5 31 - 110 | Phenol-d6 10 - 107 | p-Terphenyl-d14 10 - 165 |
|---|---|---|---|---|
| Lagoon Soils #2 | R2407014-001 | 73 | 39 | 89 |
| Method Blank | RQ2409303-01 | 50 | 28 | 82 |
| Method Blank | RQ2409337-01 | 74 | 35 | 80 |
| Lab Control Sample | RQ2409337-02 | 85 | 44 | 91 |
| Duplicate Lab Control Sample | RQ2409337-03 | 73 | 37 | 78 |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407014 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2409303-01 | **Basis:** | As Received |

## TCLP Semivolatile Organic Compounds by GC/MS

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8270E | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 3510C | **Pre-Prep Date:** | 8/1/24 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 1,4-Dichlorobenzene | 100 U | 100 | 1 | 08/06/24 00:30 | 8/2/24 | |
| 2,4,5-Trichlorophenol | 100 U | 100 | 1 | 08/06/24 00:30 | 8/2/24 | |
| 2,4,6-Trichlorophenol | 100 U | 100 | 1 | 08/06/24 00:30 | 8/2/24 | |
| 2,4-Dinitrotoluene | 100 U | 100 | 1 | 08/06/24 00:30 | 8/2/24 | |
| 2-Methylphenol | 100 U | 100 | 1 | 08/06/24 00:30 | 8/2/24 | |
| 3- and 4-Methylphenol Coelution | 100 U | 100 | 1 | 08/06/24 00:30 | 8/2/24 | |
| Hexachlorobenzene | 100 U | 100 | 1 | 08/06/24 00:30 | 8/2/24 | |
| Hexachlorobutadiene | 100 U | 100 | 1 | 08/06/24 00:30 | 8/2/24 | |
| Hexachloroethane | 100 U | 100 | 1 | 08/06/24 00:30 | 8/2/24 | |
| Nitrobenzene | 100 U | 100 | 1 | 08/06/24 00:30 | 8/2/24 | |
| Pentachlorophenol (PCP) | 500 U | 500 | 1 | 08/06/24 00:30 | 8/2/24 | |
| Pyridine | 500 U | 500 | 1 | 08/06/24 00:30 | 8/2/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 2,4,6-Tribromophenol | 61 | 35 - 141 | 08/06/24 00:30 | |
| 2-Fluorobiphenyl | 43 | 31 - 118 | 08/06/24 00:30 | |
| 2-Fluorophenol | 38 | 10 - 105 | 08/06/24 00:30 | |
| Nitrobenzene-d5 | 50 | 31 - 110 | 08/06/24 00:30 | |
| Phenol-d6 | 28 | 10 - 107 | 08/06/24 00:30 | |
| p-Terphenyl-d14 | 82 | 10 - 165 | 08/06/24 00:30 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407014 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2409337-01 | **Basis:** | As Received |

## TCLP Semivolatile Organic Compounds by GC/MS

**Analysis Method:** 8270E
**Prep Method:** EPA 3510C

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 1,4-Dichlorobenzene | 100 U | 100 | 1 | 08/05/24 16:16 | 8/2/24 | |
| 2,4,5-Trichlorophenol | 100 U | 100 | 1 | 08/05/24 16:16 | 8/2/24 | |
| 2,4,6-Trichlorophenol | 100 U | 100 | 1 | 08/05/24 16:16 | 8/2/24 | |
| 2,4-Dinitrotoluene | 100 U | 100 | 1 | 08/05/24 16:16 | 8/2/24 | |
| 2-Methylphenol | 100 U | 100 | 1 | 08/05/24 16:16 | 8/2/24 | |
| 3- and 4-Methylphenol Coelution | 100 U | 100 | 1 | 08/05/24 16:16 | 8/2/24 | |
| Hexachlorobenzene | 100 U | 100 | 1 | 08/05/24 16:16 | 8/2/24 | |
| Hexachlorobutadiene | 100 U | 100 | 1 | 08/05/24 16:16 | 8/2/24 | |
| Hexachloroethane | 100 U | 100 | 1 | 08/05/24 16:16 | 8/2/24 | |
| Nitrobenzene | 100 U | 100 | 1 | 08/05/24 16:16 | 8/2/24 | |
| Pentachlorophenol (PCP) | 500 U | 500 | 1 | 08/05/24 16:16 | 8/2/24 | |
| Pyridine | 500 U | 500 | 1 | 08/05/24 16:16 | 8/2/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 2,4,6-Tribromophenol | 75 | 35 - 141 | 08/05/24 16:16 | |
| 2-Fluorobiphenyl | 62 | 31 - 118 | 08/05/24 16:16 | |
| 2-Fluorophenol | 51 | 10 - 105 | 08/05/24 16:16 | |
| Nitrobenzene-d5 | 74 | 31 - 110 | 08/05/24 16:16 | |
| Phenol-d6 | 35 | 10 - 107 | 08/05/24 16:16 | |
| p-Terphenyl-d14 | 80 | 10 - 165 | 08/05/24 16:16 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

**Service Request:** R2407014
**Date Analyzed:** 08/05/24

## Duplicate Lab Control Sample Summary
## TCLP Semivolatile Organic Compounds by GC/MS

**Units:**ug/L
**Basis:**As Received

| | | Lab Control Sample | | | Duplicate Lab Control Sample | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | RQ2409337-02 | | | RQ2409337-03 | | | | | |
| **Analyte Name** | **Analytical Method** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| 1,4-Dichlorobenzene | 8270E | 544 | 800 | 68 | 429 | 800 | 54 | 10-124 | 24 | 30 |
| 2,4,5-Trichlorophenol | 8270E | 850 | 800 | 106 | 867 | 800 | 108 | 48-134 | 2 | 30 |
| 2,4,6-Trichlorophenol | 8270E | 827 | 800 | 103 | 834 | 800 | 104 | 44-135 | <1 | 30 |
| 2,4-Dinitrotoluene | 8270E | 936 | 800 | 117 | 950 | 800 | 119 | 54-130 | 1 | 30 |
| 2-Methylphenol | 8270E | 654 | 800 | 82 | 629 | 800 | 79 | 47-100 | 4 | 30 |
| 3- and 4-Methylphenol Coelution | 8270E | 597 | 800 | 75 | 595 | 800 | 74 | 40-92 | <1 | 30 |
| Hexachlorobenzene | 8270E | 810 | 800 | 101 | 814 | 800 | 102 | 53-123 | <1 | 30 |
| Hexachlorobutadiene | 8270E | 545 | 800 | 68 | 434 | 800 | 54 | 16-95 | 23 | 30 |
| Hexachloroethane | 8270E | 530 | 800 | 66 | 419 | 800 | 52 | 15-92 | 23 | 30 |
| Nitrobenzene | 8270E | 695 | 800 | 87 | 659 | 800 | 82 | 46-108 | 5 | 30 |
| Pentachlorophenol (PCP) | 8270E | 668 | 800 | 84 | 722 | 800 | 90 | 29-164 | 8 | 30 |
| Pyridine | 8270E | 327 J | 800 | 41 | 185 J | 800 | 23 | 10-123 | 55* | 30 |

# Semivolatile Organic Compounds by GC

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**Client:** Sessler Environmental Services **Service Request:** R2407014
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## TCLP Organochlorine Pesticides by Gas Chromatography

**Analysis Method:** 8081B
**Extraction Method:** EPA 3510C

| Sample Name | Lab Code | Decachlorobiphenyl 10 - 111 | Tetrachloro-m-xylene 10 - 101 |
|---|---|---|---|
| Lagoon Soils #2 | R2407014-001 | 69 | 66 |
| Method Blank | RQ2409303-01 | 69 | 56 |
| Method Blank | RQ2409527-01 | 70 | 58 |
| Lab Control Sample | RQ2409527-02 | 69 | 63 |
| Duplicate Lab Control Sample | RQ2409527-03 | 76 | 63 |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407014 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2409303-01 | **Basis:** | As Received |

## TCLP Organochlorine Pesticides by Gas Chromatography

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8081B | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 3510C | **Pre-Prep Date:** | 8/1/24 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| Chlordane | 2.5 U | 2.5 | 1 | 08/08/24 20:04 | 8/7/24 | |
| Endrin | 0.50 U | 0.50 | 1 | 08/08/24 20:04 | 8/7/24 | |
| gamma-BHC (Lindane) | 0.50 U | 0.50 | 1 | 08/08/24 20:04 | 8/7/24 | |
| Heptachlor | 0.50 U | 0.50 | 1 | 08/08/24 20:04 | 8/7/24 | |
| Heptachlor Epoxide | 0.50 U | 0.50 | 1 | 08/08/24 20:04 | 8/7/24 | |
| Methoxychlor | 0.50 U | 0.50 | 1 | 08/08/24 20:04 | 8/7/24 | |
| Toxaphene | 5.0 U | 5.0 | 1 | 08/08/24 20:04 | 8/7/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Decachlorobiphenyl | 69 | 10 - 111 | 08/08/24 20:04 | |
| Tetrachloro-m-xylene | 56 | 10 - 101 | 08/08/24 20:04 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407014 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2409527-01 | **Basis:** | As Received |

## TCLP Organochlorine Pesticides by Gas Chromatography

**Analysis Method:** 8081B
**Prep Method:** EPA 3510C

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| Chlordane | 2.5 U | 2.5 | 1 | 08/08/24 16:18 | 8/7/24 | |
| Endrin | 0.50 U | 0.50 | 1 | 08/08/24 16:18 | 8/7/24 | |
| gamma-BHC (Lindane) | 0.50 U | 0.50 | 1 | 08/08/24 16:18 | 8/7/24 | |
| Heptachlor | 0.50 U | 0.50 | 1 | 08/08/24 16:18 | 8/7/24 | |
| Heptachlor Epoxide | 0.50 U | 0.50 | 1 | 08/08/24 16:18 | 8/7/24 | |
| Methoxychlor | 0.50 U | 0.50 | 1 | 08/08/24 16:18 | 8/7/24 | |
| Toxaphene | 5.0 U | 5.0 | 1 | 08/08/24 16:18 | 8/7/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Decachlorobiphenyl | 70 | 10 - 111 | 08/08/24 16:18 | |
| Tetrachloro-m-xylene | 58 | 10 - 101 | 08/08/24 16:18 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

**Service Request:** R2407014
**Date Analyzed:** 08/08/24

## Duplicate Lab Control Sample Summary
## TCLP Organochlorine Pesticides by Gas Chromatography

**Units:**ug/L
**Basis:**As Received

| | | Lab Control Sample | | | Duplicate Lab Control Sample | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | RQ2409527-02 | | | RQ2409527-03 | | | | | |
| **Analyte Name** | **Analytical Method** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| Endrin | 8081B | 3.01 | 4.00 | 75 | 2.99 | 4.00 | 75 | 47-116 | <1 | 30 |
| gamma-BHC (Lindane) | 8081B | 3.12 | 4.00 | 78 | 3.21 | 4.00 | 80 | 41-105 | 3 | 30 |
| Heptachlor | 8081B | 2.83 | 4.00 | 71 | 2.93 | 4.00 | 73 | 33-99 | 4 | 30 |
| Heptachlor Epoxide | 8081B | 3.19 | 4.00 | 80 | 3.23 | 4.00 | 81 | 46-111 | 1 | 30 |
| Methoxychlor | 8081B | 2.95 | 4.00 | 74 | 3.28 | 4.00 | 82 | 29-138 | 11 | 30 |

Confirmation Results

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Matrix:** Soil

**Service Request:** R2407014
**Date Collected:** NA
**Date Received:**

**Sample Name:** Lab Control Sample
**Lab Code:** RQ2409527-02

**Units:** ug/L
**Basis:** As Received

## TCLP Organochlorine Pesticides by Gas Chromatography

**Analytical Method:** 8081B
**Prep Method:** EPA 3510C

| Analyte Name | MRL | Primary Result | Confirmation Result | RPD | Q | Dilution Factor | Date Analyzed |
|---|---|---|---|---|---|---|---|
| Endrin | 0.50 | 3.01 | 3.12 | 4 | | 1 | 08/08/24 16:35 |
| Heptachlor | 0.50 | 2.83 | 2.93 | 3 | | 1 | 08/08/24 16:35 |
| Heptachlor Epoxide | 0.50 | 3.19 | 3.22 | <1 | | 1 | 08/08/24 16:35 |
| Methoxychlor | 0.50 | 2.95 | 3.29 | 11 | | 1 | 08/08/24 16:35 |
| gamma-BHC (Lindane) | 0.50 | 3.12 | 3.12 | <1 | | 1 | 08/08/24 16:35 |

Confirmation Results

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Matrix:** Soil

**Service Request:** R2407014
**Date Collected:** NA
**Date Received:**

**Sample Name:** Duplicate Lab Control Sample
**Lab Code:** RQ2409527-03

**Units:** ug/L
**Basis:** As Received

## TCLP Organochlorine Pesticides by Gas Chromatography

**Analytical Method:** 8081B
**Prep Method:** EPA 3510C

| Analyte Name | MRL | Primary Result | Confirmation Result | RPD | Q | Dilution Factor | Date Analyzed |
|---|---|---|---|---|---|---|---|
| Endrin | 0.50 | 2.99 | 3.13 | 5 | | 1 | 08/08/24 16:52 |
| Heptachlor | 0.50 | 2.93 | 2.97 | 1 | | 1 | 08/08/24 16:52 |
| Heptachlor Epoxide | 0.50 | 3.23 | 3.36 | 4 | | 1 | 08/08/24 16:52 |
| Methoxychlor | 0.50 | 3.28 | 3.40 | 4 | | 1 | 08/08/24 16:52 |
| gamma-BHC (Lindane) | 0.50 | 3.21 | 3.26 | 2 | | 1 | 08/08/24 16:52 |

Confirmation Results

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Matrix:** Soil

**Service Request:** R2407014
**Date Collected:** NA
**Date Received:**

**Sample Name:** Performance Evaluation
**Lab Code:** RQ2409690-04

**Units:** ug/L
**Basis:** As Received

## TCLP Organochlorine Pesticides by Gas Chromatography

**Prep Method:** 8081B

| | | Primary Result | Confirmation Result | RPD | Q | Dilution Factor | Date Analyzed |
|---|---|---|---|---|---|---|---|
| Endrin | 0.50 | 17 | 18 | 6 | | 1 | 08/08/24 15:07 |
| Methoxychlor | 0.50 | 86 | 88 | 2 | E | 1 | 08/08/24 15:07 |
| gamma-BHC (Lindane) | 0.50 | 3.4 | 3.5 | 3 | | 1 | 08/08/24 15:07 |

**Client:** Sessler Environmental Services **Service Request:** R2407014
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## Polychlorinated Biphenyls (PCBs) by GC using Microwave Extraction

**Analysis Method:** 8082A
**Extraction Method:** EPA 3546

| Sample Name | Lab Code | Decachlorobiphenyl 10 - 138 | Tetrachloro-m-xylene 11 - 122 |
|---|---|---|---|
| Lagoon Soils #2 | R2407014-001 | 100 | 66 |
| Method Blank | RQ2409265-01 | 73 | 73 |
| Lab Control Sample | RQ2409265-04 | 47 | 60 |
| Duplicate Lab Control Sample | RQ2409265-05 | 50 | 61 |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407014 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/Kg |
| **Lab Code:** | RQ2409265-01 | **Basis:** | Dry |

## Polychlorinated Biphenyls (PCBs) by GC using Microwave Extraction

**Analysis Method:** 8082A
**Prep Method:** EPA 3546

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| Aroclor 1016 | 33 U | 33 | 1 | 08/08/24 10:45 | 8/1/24 | |
| Aroclor 1221 | 67 U | 67 | 1 | 08/08/24 10:45 | 8/1/24 | |
| Aroclor 1232 | 33 U | 33 | 1 | 08/08/24 10:45 | 8/1/24 | |
| Aroclor 1242 | 33 U | 33 | 1 | 08/08/24 10:45 | 8/1/24 | |
| Aroclor 1248 | 33 U | 33 | 1 | 08/08/24 10:45 | 8/1/24 | |
| Aroclor 1254 | 33 U | 33 | 1 | 08/08/24 10:45 | 8/1/24 | |
| Aroclor 1260 | 33 U | 33 | 1 | 08/08/24 10:45 | 8/1/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Decachlorobiphenyl | 73 | 10 - 138 | 08/08/24 10:45 | |
| Tetrachloro-m-xylene | 73 | 11 - 122 | 08/08/24 10:45 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

**Service Request:** R2407014
**Date Analyzed:** 08/05/24

## Duplicate Lab Control Sample Summary
## Polychlorinated Biphenyls (PCBs) by GC using Microwave Extraction

**Units:**ug/Kg
**Basis:**Dry

| | | | Lab Control Sample | | Duplicate Lab Control Sample | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | RQ2409265-04 | | RQ2409265-05 | | | | | |
| **Analyte Name** | **Analytical Method** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| Aroclor 1016 | 8082A | 123 | 166 | 74 | 125 | 166 | 75 | 34-141 | 2 | 30 |
| Aroclor 1260 | 8082A | 125 | 166 | 75 | 133 | 166 | 80 | 30-158 | 6 | 30 |

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Confirmation Results

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407014 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 07/30/24 10:00 |
| **Matrix:** | Soil | **Date Received:** | 7/31/24 |
| **Sample Name:** | Lagoon Soils #2 | | |
| **Lab Code:** | R2407014-001 | **Units:** | ug/Kg |
| | | **Basis:** | Dry |
| | | **Percent Solids:** | 90.4 |

**Polychlorinated Biphenyls (PCBs) by GC using Microwave Extraction**

**Analytical Method:** 8082A
**Prep Method:** EPA 3546

| Analyte Name | MRL | Primary Result | Confirmation Result | RPD | Q | Dilution Factor | Date Analyzed |
|---|---|---|---|---|---|---|---|
| Aroclor 1242 | 360 | 4700 | 4800 | 2 | | 10 | 08/08/24 11:53 |

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Confirmation Results

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407014 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Matrix:** | Soil | **Date Received:** | |
| **Sample Name:** | Lab Control Sample | | |
| **Lab Code:** | RQ2409265-04 | **Units:** | ug/Kg |
| | | **Basis:** | Dry |

**Polychlorinated Biphenyls (PCBs) by GC using Microwave Extraction**

**Analytical Method:** 8082A
**Prep Method:** EPA 3546

| Analyte Name | MRL | Primary Result | Confirmation Result | RPD | Q | Dilution Factor | Date Analyzed |
|---|---|---|---|---|---|---|---|
| Aroclor 1016 | 33 | 123 | 123 | <1 | | 1 | 08/05/24 19:46 |
| Aroclor 1260 | 33 | 125 | 141 | 12 | | 1 | 08/05/24 19:46 |

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Confirmation Results

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407014 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Matrix:** | Soil | **Date Received:** | |
| **Sample Name:** | Duplicate Lab Control Sample | | |
| **Lab Code:** | RQ2409265-05 | **Units:** | ug/Kg |
| | | **Basis:** | Dry |

**Polychlorinated Biphenyls (PCBs) by GC using Microwave Extraction**

**Analytical Method:** 8082A
**Prep Method:** EPA 3546

| Analyte Name | MRL | Primary Result | Confirmation Result | RPD | Q | Dilution Factor | Date Analyzed |
|---|---|---|---|---|---|---|---|
| Aroclor 1016 | 33 | 125 | 130 | 4 | | 1 | 08/05/24 20:00 |
| Aroclor 1260 | 33 | 133 | 145 | 9 | | 1 | 08/05/24 20:00 |

**Client:** Sessler Environmental Services **Service Request:** R2407014
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## TCLP Chlorinated Herbicides by GC

**Analysis Method:** 8151A
**Extraction Method:** Method

| Sample Name | Lab Code | DCAA 12 - 131 |
|---|---|---|
| Lagoon Soils #2 | R2407014-001 | 60 |
| Method Blank | RQ2409303-01 | 71 |
| Method Blank | RQ2409354-01 | 69 |
| Lab Control Sample | RQ2409354-02 | 70 |
| Duplicate Lab Control Sample | RQ2409354-03 | 64 |
| Lagoon Soils #2 MS | RQ2409354-04 | 95 P |
| Lagoon Soils #2 DMS | RQ2409354-05 | 89 |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407014 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 07/30/24 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 |
| | | **Date Analyzed:** | 08/7/24 |
| | | **Date Extracted:** | 08/2/24 |

## Duplicate Matrix Spike Summary
## TCLP Chlorinated Herbicides by GC

| | | | |
|---|---|---|---|
| **Sample Name:** | Lagoon Soils #2 | **Units:** | ug/L |
| **Lab Code:** | R2407014-001 | **Basis:** | As Received |
| **Analysis Method:** | 8151A | | |
| **Prep Method:** | Method | | |

| | | Matrix Spike | | | Duplicate Matrix Spike | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | RQ2409354-04 | | | RQ2409354-05 | | | | | |
| **Analyte Name** | **Sample Result** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| 2,4-D | 0.35 U | 24.0 | 40.0 | 60 | 20.9 | 40.0 | 52 | 26-154 | 14 | 30 |
| 2,4,5-TP (Silvex) | 0.33 U | 18.8 | 40.0 | 47 | 17.4 | 40.0 | 43 | 21-120 | 8 | 30 |

**Results flagged with an asterisk (*) indicate values outside control criteria.**

**Results flagged with a pound (#) indicate the control criteria is not applicable.**

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

**Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.**

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407014 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2409303-01 | **Basis:** | As Received |

## TCLP Chlorinated Herbicides by GC

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8151A | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | Method | **Pre-Prep Date:** | 8/1/24 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 2,4-D | 5.0 U | 5.0 | 1 | 08/07/24 00:54 | 8/2/24 | |
| 2,4,5-TP (Silvex) | 5.0 U | 5.0 | 1 | 08/07/24 00:54 | 8/2/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| DCAA | 71 | 12 - 131 | 08/07/24 00:54 | |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407014 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2409354-01 | **Basis:** | As Received |

## TCLP Chlorinated Herbicides by GC

**Analysis Method:** 8151A
**Prep Method:** Method

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 2,4-D | 5.0 U | 5.0 | 1 | 08/06/24 21:30 | 8/2/24 | |
| 2,4,5-TP (Silvex) | 5.0 U | 5.0 | 1 | 08/06/24 21:30 | 8/2/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| DCAA | 69 | 12 - 131 | 08/06/24 21:30 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

**Service Request:** R2407014
**Date Analyzed:** 08/06/24

## Duplicate Lab Control Sample Summary
## TCLP Chlorinated Herbicides by GC

**Units:**ug/L
**Basis:**As Received

| | | | Lab Control Sample | | | Duplicate Lab Control Sample | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | RQ2409354-02 | | | RQ2409354-03 | | | | |
| **Analyte Name** | **Analytical Method** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| 2,4-D | 8151A | 24.8 | 40.0 | 62 | 22.9 | 40.0 | 57 | 10-103 | 8 | 30 |
| 2,4,5-TP (Silvex) | 8151A | 20.1 | 40.0 | 50 | 17.9 | 40.0 | 45 | 13-124 | 12 | 30 |

Confirmation Results

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Matrix:** Soil

**Service Request:** R2407014
**Date Collected:** NA
**Date Received:**

**Sample Name:** Lab Control Sample
**Lab Code:** RQ2409354-02

**Units:** ug/L
**Basis:** As Received

## TCLP Chlorinated Herbicides by GC

**Analytical Method:** 8151A
**Prep Method:** Method

| Analyte Name | MRL | Primary Result | Confirmation Result | RPD | Q | Dilution Factor | Date Analyzed |
|---|---|---|---|---|---|---|---|
| 2,4,5-TP (Silvex) | 5.0 | 20.1 | 25.5 | 24 | | 1 | 08/06/24 22:28 |
| 2,4-D | 5.0 | 24.8 | 26.1 | 5 | | 1 | 08/06/24 22:28 |

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**dba ALS Environmental**

Confirmation Results

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407014 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Matrix:** | Soil | **Date Received:** | |
| **Sample Name:** | Duplicate Lab Control Sample | | |
| **Lab Code:** | RQ2409354-03 | **Units:** | ug/L |
| | | **Basis:** | As Received |

## TCLP Chlorinated Herbicides by GC

**Analytical Method:** 8151A
**Prep Method:** Method

| Analyte Name | MRL | Primary Result | Confirmation Result | RPD | Q | Dilution Factor | Date Analyzed |
|---|---|---|---|---|---|---|---|
| 2,4,5-TP (Silvex) | 5.0 | 17.9 | 23.5 | 27 | | 1 | 08/06/24 23:22 |
| 2,4-D | 5.0 | 22.9 | 24.0 | 5 | | 1 | 08/06/24 23:22 |

Confirmation Results

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Matrix:** Soil

**Sample Name:** Lagoon Soils #2
**Lab Code:** RQ2409354-04

**Service Request:** R2407014
**Date Collected:** 07/30/24 10:00
**Date Received:** 7/31/24
**Pre-Prep Date:** 8/1/24

**Units:** ug/L
**Basis:** As Received

## Toxicity Characteristics Leachate Procedure (TCLP)
## TCLP Chlorinated Herbicides by GC

**Analytical Method:** 8151A
**Prep Method:** Method

| Analyte Name | MRL | Primary Result | Confirmation Result | RPD | Q | Dilution Factor | Date Analyzed |
|---|---|---|---|---|---|---|---|
| 2,4,5-TP (Silvex) | 5.0 | 18.8 | 25.0 | 28 | | 1 | 08/07/24 00:20 |
| 2,4-D | 5.0 | 24.0 | 35.0 | 37 | | 1 | 08/07/24 00:20 |

Confirmation Results

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Matrix:** Soil

**Sample Name:** Lagoon Soils #2
**Lab Code:** RQ2409354-05

**Service Request:** R2407014
**Date Collected:** 07/30/24 10:00
**Date Received:** 7/31/24
**Pre-Prep Date:** 8/1/24

**Units:** ug/L
**Basis:** As Received

## Toxicity Characteristics Leachate Procedure (TCLP)
## TCLP Chlorinated Herbicides by GC

**Analytical Method:** 8151A
**Prep Method:** Method

| Analyte Name | MRL | Primary Result | Confirmation Result | RPD | Q | Dilution Factor | Date Analyzed |
|---|---|---|---|---|---|---|---|
| 2,4,5-TP (Silvex) | 5.0 | 17.4 | 23.5 | 30 | | 1 | 08/07/24 00:37 |
| 2,4-D | 5.0 | 20.9 | 28.7 | 31 | | 1 | 08/07/24 00:37 |

# Metals

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407014 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Basis:** | As Received |
| **Lab Code:** | R2407014-MB1 | | |

**Toxicity Characteristics Leachate Procedure (TCLP)**

**Inorganic Parameters**

**Pre-Prep Method:** EPA 1311

| Analyte Name | Analysis Method | Result | Units | MRL | MDL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 6010D | 0.02 U | mg/L | 0.50 | 0.02 | 1 | 08/06/24 20:38 | 08/02/24 | |
| Barium | 6010D | 0.04 U | mg/L | 1.0 | 0.04 | 1 | 08/06/24 20:38 | 08/02/24 | |
| Cadmium | 6010D | 0.01 U | mg/L | 0.10 | 0.01 | 1 | 08/06/24 20:38 | 08/02/24 | |
| Chromium | 6010D | 0.05 U | mg/L | 0.10 | 0.05 | 1 | 08/06/24 20:38 | 08/02/24 | |
| Lead | 6010D | 0.05 U | mg/L | 0.10 | 0.05 | 1 | 08/06/24 20:38 | 08/02/24 | |
| Mercury | 7470A | 0.00008 U | mg/L | 0.00030 | 0.00008 | 1 | 08/05/24 14:56 | 08/02/24 | |
| Selenium | 6010D | 0.02 U | mg/L | 0.20 | 0.02 | 1 | 08/06/24 20:38 | 08/02/24 | |
| Silver | 6010D | 0.01 U | mg/L | 0.10 | 0.01 | 1 | 08/06/24 20:38 | 08/02/24 | |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407014 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Basis:** | As Received |
| **Lab Code:** | R2407014-MB2 | | |

## Inorganic Parameters

| Analyte Name | Analysis Method | Result | | Units | MRL | MDL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 6010D | 0.02 | U | mg/L | 0.50 | 0.02 | 1 | 08/06/24 20:28 | 08/02/24 | |
| Barium | 6010D | 0.04 | U | mg/L | 1.0 | 0.04 | 1 | 08/06/24 20:28 | 08/02/24 | |
| Cadmium | 6010D | 0.01 | U | mg/L | 0.10 | 0.01 | 1 | 08/06/24 20:28 | 08/02/24 | |
| Chromium | 6010D | 0.05 | U | mg/L | 0.10 | 0.05 | 1 | 08/06/24 20:28 | 08/02/24 | |
| Lead | 6010D | 0.05 | U | mg/L | 0.10 | 0.05 | 1 | 08/06/24 20:28 | 08/02/24 | |
| Mercury | 7470A | 0.00008 | U | mg/L | 0.00030 | 0.00008 | 1 | 08/05/24 14:46 | 08/02/24 | |
| Selenium | 6010D | 0.02 | U | mg/L | 0.20 | 0.02 | 1 | 08/06/24 20:28 | 08/02/24 | |
| Silver | 6010D | 0.01 | U | mg/L | 0.10 | 0.01 | 1 | 08/06/24 20:28 | 08/02/24 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

**Service Request:** R2407014
**Date Analyzed:** 08/05/24 - 08/06/24

## Lab Control Sample Summary
## Inorganic Parameters

**Units:**mg/L
**Basis:**As Received

### Lab Control Sample
R2407014-LCS

| Analyte Name | Analytical Method | Result | Spike Amount | % Rec | % Rec Limits |
|---|---|---|---|---|---|
| Arsenic | 6010D | 0.962 | 1.00 | 96 | 80-120 |
| Barium | 6010D | 1.96 | 2.0 | 98 | 80-120 |
| Cadmium | 6010D | 0.496 | 0.50 | 99 | 80-120 |
| Chromium | 6010D | 0.497 | 0.50 | 99 | 80-120 |
| Lead | 6010D | 0.513 | 0.50 | 103 | 80-120 |
| Mercury | 7470A | 0.00115 | 0.00100 | 115 | 80-120 |
| Selenium | 6010D | 0.961 | 1.00 | 96 | 80-120 |
| Silver | 6010D | 0.254 | 0.25 | 102 | 80-120 |

# General Chemistry

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407014 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Basis:** | Dry |
| **Lab Code:** | R2407014-MB | | |

## Inorganic Parameters

| Analyte Name | Analysis Method | Result | | Units | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide, Reactive as Total | 9012B | 0.30 | U | mg/Kg | 0.30 | 1 | 08/01/24 21:32 | 08/01/24 | |
| Sulfide Reactive as Total | 9034 | 20 | U | mg/Kg | 20 | 1 | 08/02/24 16:30 | 08/02/24 | |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407014 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 07/30/24 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 |
| | | **Date Analyzed:** | 08/2/24 |
| | | **Date Extracted:** | 08/2/24 |

## Duplicate Matrix Spike Summary
## Sulfide Reactive as Total

| | | | |
|---|---|---|---|
| **Sample Name:** | Lagoon Soils #2 | **Units:** | mg/Kg |
| **Lab Code:** | R2407014-001 | **Basis:** | Dry |
| **Analysis Method:** | 9034 | | |
| **Prep Method:** | Method | | |

| | | Matrix Spike R2407014-001MS | | | Duplicate Matrix Spike R2407014-001DMS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Analyte Name** | **Sample Result** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| Sulfide Reactive as Total | U | 114 | 187 | 61 | 111 | 188 | 59 | 10-120 | 3 | 30 |

**Results flagged with an asterisk (*) indicate values outside control criteria.**

**Results flagged with a pound (#) indicate the control criteria is not applicable.**

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

**Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.**

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

**Service Request:** R2407014
**Date Analyzed:** 08/01/24 - 08/02/24

## Lab Control Sample Summary
## General Chemistry Parameters

**Units:**mg/Kg
**Basis:**Dry

### Lab Control Sample
R2407014-LCS1

| Analyte Name | Analytical Method | Result | Spike Amount | % Rec | % Rec Limits |
|---|---|---|---|---|---|
| Cyanide, Reactive as Total | 9012B | 2.99 | 3.00 | 100 | 85-115 |
| Sulfide Reactive as Total | 9034 | 97 | 170 | 57 | 10-135 |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

**Service Request:** R2407014
**Date Analyzed:** 08/01/24

## Lab Control Sample Summary
## General Chemistry Parameters

**Units:**mg/Kg
**Basis:**Dry

### Lab Control Sample
R2407014-LCS2

| Analyte Name | Analytical Method | Result | Spike Amount | % Rec | % Rec Limits |
|---|---|---|---|---|---|
| Cyanide, Reactive as Total | 9012B | 18.3 | 18.0 | 102 | 85-115 |

August 07, 2024 Service Request No:R2407026

Frank Thomas
Sessler Environmental Services
1330 Research Forest
Macedon, NY 14502

**Laboratory Results for: Paint**

Dear Frank,

Enclosed are the results of the sample(s) submitted to our laboratory July 31, 2024
For your reference, these analyses have been assigned our service request number **R2407026.**

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7472. You may also contact me via email at Janice.Jaeger@alsglobal.com.

Respectfully submitted,

**ALS Group USA, Corp. dba ALS Environmental**



Janice Jaeger
Project Manager

CC: Eric Hoban

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ALS Group USA, Corp.
dba ALS Environmental

# Narrative Documents

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**Client:** Sessler Environmental Services
**Project:** Paint
**Sample Matrix:** Soil

**Service Request:** R2407026
**Date Received:** 07/31/2024

## CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

**Sample Receipt:**

One soil sample was received for analysis at ALS Environmental on 07/31/2024. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

**Semivolatiles by GC/MS:**

No significant anomalies were noted with this analysis.

**Semivoa GC:**

No significant anomalies were noted with this analysis.

**Metals:**

When analyzed without dilution, the concentration of one or more elements in one or more samples exceeded the associated single element interference check concentration. As per section 9.9.1 of EPA 6010D, affected samples were diluted to reduce the solution concentration of the high concentration element below the interference check concentration, whether or not the high concentration element was an analyte of interest. The dilution has increased the reporting limits accordingly.

**Volatiles by GC/MS:**

Method 8260D, R2407026-001: Sample(s) required dilution due to the foaming nature of the matrix. The reporting limits are adjusted to reflect the dilution.

Method 8260D, 08/03/2024: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Approved by _____ Date 08/07/2024

## SAMPLE DETECTION SUMMARY

This form includes only detections above the reporting levels. For a full listing of sample results, continue to the Sample Results section of this Report.

| CLIENT ID: Paint | | | Lab ID: R2407026-001 | | | |
|---|---|---|---|---|---|---|
| **Analyte** | **Results** | **Flag** | **MDL** | **MRL** | **Units** | **Method** |
| Barium | 3.2 | | 0.2 | 3.0 | mg/L | 6010D |
| Lead | 0.31 | | 0.15 | 0.30 | mg/L | 6010D |
| Mercury | 0.00031 | | 0.00008 | 0.00030 | mg/L | 7470A |

# Sample Receipt Information

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

**Client:** Sessler Environmental Services **Service Request:**R2407026
**Project:** Paint

## SAMPLE CROSS-REFERENCE

| SAMPLE # | CLIENT SAMPLE ID | DATE | TIME |
|---|---|---|---|
| R2407026-001 | Paint | 7/31/2024 | |

# Chain of Custody / Analytical Request Form

76852

SR#:

Page of

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 • +1 585 288 5380 • alsglobal.com

| Report To: | ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER |
|---|---|
| Company: Sessler Environmental Services | Project Name: |
| Contact: Frank Thomas | Project Number: |
| Email: | ALS Quote #: |
| Phone: | Sampler's Signature: |
| Address: | Email CC: |
| | Email CC: |
| | State Samples Collected (Circle or Write): NY, MA, PA, CT, Other: |

Preservative: 0. None; 1. HCl; 2. HNO3; 3. H2SO4; 4. NAOH; 5. Zn Acet.; 6. MeOH; 7. NaHSO4; 8. Other

| Lab ID (ALS) | Sample Collection Information: Sample ID: | Date | Time | Matrix (GW WW SW DW S L NA) | Number of Containers | MS/MSD? | GC/MS VOA (8260 • 624 • 524 • TCLP) | GC/MS SVOA (8270 • 625 • TCLP) | Pesticides - 8081 • 608 • TCLP | PCBs - 8082 • 608 | Herbicides - 8151 • TCLP | Metals, Total - Select Below | Metals, Dissolved - Field / In-Lab Filter | TCLP RCRA Metals | Notes: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Paint | 7/31 | | S | 1 | | X | X | | | | | | X | |

Special Instructions / Comments:

RCRA 8

Cc Fabio attn Lucy Lisbon

**Turnaround Requirements**

_____Rush (Surcharges Apply)
*Subject to Availability*
*Please Check with your PM*
X Standard (10 Business Days)
Date Required:

**Report Requirements**

_____Tier II/Cat A -Results/QC
_____Tier IV/Cat B - Data Validation Report w/. Data
EDD: _____Yes _____No
EDD Type:

Metals: RCRA 8•PP 13•TAL 23•TCLP•Other (List)

VOA/SVOA Report List: TCL • BTEX • TCLP • CP-51/Stars •THM • Other: _____

**Invoice To: (□ Same as Report To)**

PO #:
Company:
Contact:

| | Relinquished By: | Received By: | Relinquished By: | Received By: | Relinquished By: | Received By: |
|---|---|---|---|---|---|---|
| Signature | | | | | | |
| Printed Name | | Greg Slater | | | | |
| Company | | ALS | | | | |
| Date/Time | | 7/31/14 1600 | | | | |

R2407026 5
Sessler Environmental Services
Paint



Distribution: White - Lab Copy; Yellow - Return to Originator

© 2012 by ALS Group

R2407026 5
Sessler Environmental Services Paint

# Cooler Receipt and Preservation Check Form

Project/Client _____ Folder Number _____

Cooler received on 7/31/24 by: RDA

**COURIER:** (ALS) UPS FEDEX VELOCITY CLIENT

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1 | Were **Custody seals** on outside of cooler? | Y (N) | 5a | Did **VOA** vials have sig* **bubbles?** | | Y (N) NA |
| 2 | **Custody papers** properly completed (ink, signed)? | (Y) N | 5b | Sig* bubbles: **Alk?** | Y N (NA) | **Sulfide?** | Y N (NA) |
| 3 | Did all bottles arrive in good **condition** (unbroken)? | (Y) N | 6 | Where did the bottles originate? | ALS/ROC | CLIENT | |
| 4 | Circle: **Wet Ice Dry Ice Gel packs** present? | (Y) N | 7 | Soil VOA received as: | (Bulk) | Encore 5035set NA | |

8. Temperature Readings Date: 7/31/24 Time: 1620 ID: IR#12 IR#1 From: Temp Blank (Sample Bottle)

| Temp (°C) | 29.9 | 6.3 | | | | | |
|---|---|---|---|---|---|---|---|
| Within 0-6°C? | Y (N) | Y (N) | Y N | Y N | Y N | Y N | Y N |
| If <0°C, were samples frozen? | Y N | Y N | Y N | Y N | Y N | Y N | Y N |

**If out of Temperature, note packing/ice condition:** _____ Ice melted Poorly Packed (described below) (Same Day Rule)

**&Client Approval to Run Samples:** _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: SMO by RDA on 7/31/24 at 1622
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 7/31/24 Time: 1703 by: RDA

9. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? (YES) NO
10. Did all bottle labels and tags agree with custody papers? (YES) NO
11. Were correct containers used for the tests indicated? (YES) NO
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO (N/A)
13. Were dissolved metals filtered in the field? YES NO (N/A)
14. ~~Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N~~ Canisters Pressurized Tedlar® Bags Inflated (N/A)

| pH | Lot of test paper | Reagent | Preserved? Yes | Preserved? No | Lot Received | Exp | Sample ID Adjusted | Vol. Added | Lot Added | Final pH |
|---|---|---|---|---|---|---|---|---|---|---|
| ≥12 | | NaOH | | | | | | | | |
| ≤2 | | $HNO_3$ | | | | | | | | |
| ≤2 | | $H_2SO_4$ | | | | | | | | |
| <4 | | $NaHSO_4$ | | | | | | | | |
| 5-9 | | For 608pest | | | No=Notify for 3day | | | | | |
| Residual Chlorine (-) | | For CN, Phenol, 625, 608pest, 522 | | | If +, contact PM to add $Na_2S_2O_3$ (625, 608, CN), ascorbic (phenol). | | | | | |
| | | $Na_2S_2O_3$ | | | | | | | | |
| | | ZnAcetate | - | - | | | **VOAs and 1664 Not to be tested before analysis. Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives). | | | |
| | | HCl | ** | ** | | | | | | |

Bottle lot numbers: 052223-1TW
Explain all Discrepancies/ Other Comments:

Soil Samples had no ice

No WC provided

| | |
|---|---|
| HPROD | BULK |
| HTR | FLDT |
| SUB | HGFB |
| ALS | LL3541 |

Labels secondary reviewed by: RDA *significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

# Miscellaneous Forms

**ALS Environmental—Rochester Laboratory**
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Phone (585) 288-5380 Fax (585) 288-8475
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# REPORT QUALIFIERS AND DEFINITIONS

| | |
|---|---|
| U | Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative. |
| J | Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors). |
| B | Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result. |
| E | Inorganics- Concentration is estimated due to the serial dilution was outside control limits. |
| E | Organics- Concentration has exceeded the calibration range for that specific analysis. |
| D | Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed. |
| * | Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time. |
| H | Analysis was performed out of hold time for tests that have an "immediate" hold time criteria. |
| # | Spike was diluted out. |
| + | Correlation coefficient for MSA is <0.995. |
| N | Inorganics- Matrix spike recovery was outside laboratory limits. |
| N | Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search. |
| S | Concentration has been determined using Method of Standard Additions (MSA). |
| W | Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance. |
| P | Concentration >40% difference between the two GC columns. |
| C | Confirmed by GC/MS |
| Q | DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns). |
| X | See Case Narrative for discussion. |
| MRL<br>LOQ | Method Reporting Limit. Also known as:<br>Limit of Quantitation (LOQ)<br>The lowest concentration at which the method analyte may be reliably quantified under the method conditions. |
| MDL | Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier). |
| LOD | Limit of Detection. A value at or above the MDL which has been verified to be detectable. |
| ND | Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier. |

## Rochester Lab ID # for State Accreditations[1]

| NELAP States |
|---|
| Florida ID # E87674 |
| New Hampshire ID # 2941 |
| New York ID # 10145 |
| Pennsylvania ID# 68-786 |
| Virginia #460167 |

| Non-NELAP States |
|---|
| Connecticut ID #PH0556 |
| Delaware Approved |
| Maine ID #NY01587 |
| North Carolina #36701 |
| North Carolina #676 |
| Rhode Island LAO00333 |

[1] Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory. To verify NH accredited analytes, go to https://www4.des.state.nh.us/CertifiedLabs/Certified-Method.aspx.

# ALS Laboratory Group

**Acronyms**

| | |
|---|---|
| ASTM | American Society for Testing and Materials |
| A2LA | American Association for Laboratory Accreditation |
| CARB | California Air Resources Board |
| CAS Number | Chemical Abstract Service registry Number |
| CFC | Chlorofluorocarbon |
| CFU | Colony-Forming Unit |
| DEC | Department of Environmental Conservation |
| DEQ | Department of Environmental Quality |
| DHS | Department of Health Services |
| DOE | Department of Ecology |
| DOH | Department of Health |
| EPA | U. S. Environmental Protection Agency |
| ELAP | Environmental Laboratory Accreditation Program |
| GC | Gas Chromatography |
| GC/MS | Gas Chromatography/Mass Spectrometry |
| LUFT | Leaking Underground Fuel Tank |
| M | Modified |
| MCL | Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA. |
| MDL | Method Detection Limit |
| MPN | Most Probable Number |
| MRL | Method Reporting Limit |
| NA | Not Applicable |
| NC | Not Calculated |
| NCASI | National Council of the Paper Industry for Air and Stream Improvement |
| ND | Not Detected |
| NIOSH | National Institute for Occupational Safety and Health |
| PQL | Practical Quantitation Limit |
| RCRA | Resource Conservation and Recovery Act |
| SIM | Selected Ion Monitoring |
| TPH | Total Petroleum Hydrocarbons |
| tr | Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL. |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407026 |
| **Project:** | Paint/ | | |

| | | | |
|---|---|---|---|
| **Sample Name:** | Paint | **Date Collected:** | 07/31/24 |
| **Lab Code:** | R2407026-001 | **Date Received:** | 07/31/24 |
| **Sample Matrix:** | Soil | | |

| Analysis Method | Extracted/Digested By | Analyzed By |
|---|---|---|
| 6010D | CKUTZER | NMANSEN |
| 7470A | NMANSEN | NMANSEN |
| 8260D | | FNAEGLER |
| 8270E | JVANHEYNINGEN | BALLGEIER |

# PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

## INORGANIC

**Water/Liquid Matrix**

| Analytical Method | Preparation Method |
|---|---|
| 200.7 | 200.2 |
| 200.8 | 200.2 |
| 6010C or 6010D | 3005A/3010A |
| 6020A or 6020B | ILM05.3 |
| 9034 Sulfide Acid Soluble | 9030B |
| SM 4500-CN-N-2016 Amenable and Residual Cyanide | SM 4500-CN-G and SM 4500-CN-B,C-2016 |
| SM 4500-CN-E WAD Cyanide | SM 4500-CN-I |

**Solid/Soil/Non-Aqueous Matrix**

| Analytical Method | Preparation Method |
|---|---|
| 6010C or 6010D | 3050B |
| 6020A or 6020B | 3050B |
| 6010C or 6010D TCLP (1311) extract | 3005A/3010A |
| 6010C or 6010D SPLP (1312) extract | 3005A/3010A |
| 7199 | 3060A |
| 300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions | DI extraction |
| For analytical methods not listed, the preparation method is the same as the analytical method reference. | |

## ORGANIC

**Preparation Methods for Organic methods are listed in the header of the Results pages.**

**Regarding "Bulk/5035A":**
For soil/solid samples submitted in soil jars for Volatiles analysis, the prep method is listed as "Bulk/5035A". The lab follows the closed-system EPA 5035A protocols once the sample is transferred to a sealed vial, but collection in bulk in soil jars does not follow the collection protocols listed in EPA 5035A. In accordance with the NYSDOH technical notice of October 2012, all results or reporting limits <200 ug/kg are to be considered estimated due to potential low bias.

# Sample Results

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# Volatile Organic Compounds by GC/MS

**ALS Environmental—Rochester Laboratory**
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Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407026 |
| **Project:** | Paint | **Date Collected:** | 07/31/24 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 16:10 |
| **Sample Name:** | Paint | **Units:** | ug/L |
| **Lab Code:** | R2407026-001 | **Basis:** | As Received |

## TCLP Volatile Organic Compounds by GC/MS

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8260D | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 5030C | **Pre-Prep Date:** | 8/1/24 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Q |
|---|---|---|---|---|---|
| Vinyl Chloride | 500 U | 500 | 100 | 08/03/24 20:41 | |
| 1,1-Dichloroethene (1,1-DCE) | 500 U | 500 | 100 | 08/03/24 20:41 | |
| 2-Butanone (MEK) | 1000 U | 1000 | 100 | 08/03/24 20:41 | |
| Chloroform | 500 U | 500 | 100 | 08/03/24 20:41 | |
| Carbon Tetrachloride | 500 U | 500 | 100 | 08/03/24 20:41 | |
| Benzene | 500 U | 500 | 100 | 08/03/24 20:41 | |
| 1,2-Dichloroethane | 500 U | 500 | 100 | 08/03/24 20:41 | |
| Trichloroethene (TCE) | 500 U | 500 | 100 | 08/03/24 20:41 | |
| Tetrachloroethene (PCE) | 500 U | 500 | 100 | 08/03/24 20:41 | |
| Chlorobenzene | 500 U | 500 | 100 | 08/03/24 20:41 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Dibromofluoromethane | 99 | 80 - 116 | 08/03/24 20:41 | |
| Toluene-d8 | 102 | 87 - 121 | 08/03/24 20:41 | |
| 4-Bromofluorobenzene | 97 | 85 - 122 | 08/03/24 20:41 | |

# Semivolatile Organic Compounds by GC/MS

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Phone (585) 288-5380 Fax (585) 288-8475
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| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407026 |
| **Project:** | Paint | **Date Collected:** | 07/31/24 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 16:10 |
| **Sample Name:** | Paint | **Units:** | ug/L |
| **Lab Code:** | R2407026-001 | **Basis:** | As Received |

## TCLP Semivolatile Organic Compounds by GC/MS

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8270E | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 3510C | **Pre-Prep Date:** | 8/1/24 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 1,4-Dichlorobenzene | 100 U | 100 | 1 | 08/05/24 23:17 | 8/2/24 | |
| 2,4,5-Trichlorophenol | 100 U | 100 | 1 | 08/05/24 23:17 | 8/2/24 | |
| 2,4,6-Trichlorophenol | 100 U | 100 | 1 | 08/05/24 23:17 | 8/2/24 | |
| 2,4-Dinitrotoluene | 100 U | 100 | 1 | 08/05/24 23:17 | 8/2/24 | |
| 2-Methylphenol | 100 U | 100 | 1 | 08/05/24 23:17 | 8/2/24 | |
| 3- and 4-Methylphenol Coelution | 100 U | 100 | 1 | 08/05/24 23:17 | 8/2/24 | |
| Hexachlorobenzene | 100 U | 100 | 1 | 08/05/24 23:17 | 8/2/24 | |
| Hexachlorobutadiene | 100 U | 100 | 1 | 08/05/24 23:17 | 8/2/24 | |
| Hexachloroethane | 100 U | 100 | 1 | 08/05/24 23:17 | 8/2/24 | |
| Nitrobenzene | 100 U | 100 | 1 | 08/05/24 23:17 | 8/2/24 | |
| Pentachlorophenol (PCP) | 500 U | 500 | 1 | 08/05/24 23:17 | 8/2/24 | |
| Pyridine | 500 U | 500 | 1 | 08/05/24 23:17 | 8/2/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 2,4,6-Tribromophenol | 82 | 35 - 141 | 08/05/24 23:17 | |
| 2-Fluorobiphenyl | 50 | 31 - 118 | 08/05/24 23:17 | |
| 2-Fluorophenol | 45 | 10 - 105 | 08/05/24 23:17 | |
| Nitrobenzene-d5 | 59 | 31 - 110 | 08/05/24 23:17 | |
| Phenol-d6 | 32 | 10 - 107 | 08/05/24 23:17 | |
| p-Terphenyl-d14 | 72 | 10 - 165 | 08/05/24 23:17 | |

# Metals

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Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407026 |
| **Project:** | Paint | **Date Collected:** | 07/31/24 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 16:10 |
| **Sample Name:** | Paint | **Basis:** | As Received |
| **Lab Code:** | R2407026-001 | | |

## Toxicity Characteristics Leachate Procedure (TCLP)

## Inorganic Parameters

**Pre-Prep Method:** EPA 1311

| Analyte Name | Analysis Method | Result | Units | MRL | MDL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 6010D | 1.5 U | mg/L | 1.5 | 0.06 | 3 | 08/06/24 21:00 | 08/02/24 | |
| Barium | 6010D | **3.2** | mg/L | 3.0 | 0.2 | 3 | 08/06/24 21:00 | 08/02/24 | |
| Cadmium | 6010D | 0.30 U | mg/L | 0.30 | 0.03 | 3 | 08/06/24 21:00 | 08/02/24 | |
| Chromium | 6010D | 0.30 U | mg/L | 0.30 | 0.15 | 3 | 08/06/24 21:00 | 08/02/24 | |
| Lead | 6010D | **0.31** | mg/L | 0.30 | 0.15 | 3 | 08/06/24 21:00 | 08/02/24 | |
| Mercury | 7470A | **0.00031** | mg/L | 0.00030 | 0.00008 | 1 | 08/05/24 15:54 | 08/02/24 | |
| Selenium | 6010D | 0.60 U | mg/L | 0.60 | 0.06 | 3 | 08/06/24 21:00 | 08/02/24 | |
| Silver | 6010D | 0.30 U | mg/L | 0.30 | 0.03 | 3 | 08/06/24 21:00 | 08/02/24 | |

# QC Summary Forms

**ALS Environmental—Rochester Laboratory**
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# Volatile Organic Compounds by GC/MS

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
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**Client:** Sessler Environmental Services **Service Request:** R2407026
**Project:** Paint
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## TCLP Volatile Organic Compounds by GC/MS

**Analysis Method:** 8260D
**Extraction Method:** EPA 5030C

| Sample Name | Lab Code | 4-Bromofluorobenzene 85 - 122 | Dibromofluoromethane 80 - 116 | Toluene-d8 87 - 121 |
|---|---|---|---|---|
| Paint | R2407026-001 | 97 | 99 | 102 |
| Method Blank | RQ2409291-01 | 96 | 100 | 99 |
| Lab Control Sample | RQ2409369-05 | 99 | 102 | 100 |
| Method Blank | RQ2409369-06 | 96 | 99 | 101 |
| Paint MS | RQ2409369-07 | 106 | 106 | 104 |
| Paint DMS | RQ2409369-08 | 104 | 108 | 103 |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407026 |
| **Project:** | Paint | **Date Collected:** | 07/31/24 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 |
| | | **Date Analyzed:** | 08/3/24 |
| | | **Date Extracted:** | NA |

## Duplicate Matrix Spike Summary
## TCLP Volatile Organic Compounds by GC/MS

| | | | |
|---|---|---|---|
| **Sample Name:** | Paint | **Units:** | ug/L |
| **Lab Code:** | R2407026-001 | **Basis:** | As Received |
| **Analysis Method:** | 8260D | | |
| **Prep Method:** | EPA 5030C | | |

| | | Matrix Spike RQ2409369-07 | | | Duplicate Matrix Spike RQ2409369-08 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Analyte Name** | **Sample Result** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| Vinyl Chloride | 500 U | 5160 | 5000 | 103 | 5120 | 5000 | 102 | 74-159 | <1 | 30 |
| 1,1-Dichloroethene (1,1-DCE) | 500 U | 5680 | 5000 | 114 | 5690 | 5000 | 114 | 71-118 | <1 | 30 |
| 2-Butanone (MEK) | 1000 U | 4190 | 5000 | 84 | 4240 | 5000 | 85 | 61-137 | 1 | 30 |
| Chloroform | 500 U | 5490 | 5000 | 110 | 5540 | 5000 | 111 | 75-130 | <1 | 30 |
| Carbon Tetrachloride | 500 U | 6090 | 5000 | 122 | 6050 | 5000 | 121 | 65-135 | <1 | 30 |
| Benzene | 500 U | 5690 | 5000 | 114 | 5770 | 5000 | 115 | 76-129 | 1 | 30 |
| 1,2-Dichloroethane | 500 U | 5400 | 5000 | 108 | 5330 | 5000 | 107 | 68-130 | 1 | 30 |
| Trichloroethene (TCE) | 500 U | 5070 | 5000 | 101 | 5080 | 5000 | 102 | 74-122 | <1 | 30 |
| Tetrachloroethene (PCE) | 500 U | 5540 | 5000 | 111 | 5570 | 5000 | 111 | 72-125 | <1 | 30 |
| Chlorobenzene | 500 U | 5440 | 5000 | 109 | 5500 | 5000 | 110 | 76-125 | 1 | 30 |

**Results flagged with an asterisk (*) indicate values outside control criteria.**

**Results flagged with a pound (#) indicate the control criteria is not applicable.**

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

**Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.**

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407026 |
| **Project:** | Paint | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2409291-01 | **Basis:** | As Received |

## TCLP Volatile Organic Compounds by GC/MS

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8260D | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 5030C | **Pre-Prep Date:** | 8/1/24 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Q |
|---|---|---|---|---|---|
| Vinyl Chloride | 5.0 U | 5.0 | 1 | 08/03/24 14:59 | |
| 1,1-Dichloroethene (1,1-DCE) | 5.0 U | 5.0 | 1 | 08/03/24 14:59 | |
| 2-Butanone (MEK) | 10 U | 10 | 1 | 08/03/24 14:59 | |
| Chloroform | 5.0 U | 5.0 | 1 | 08/03/24 14:59 | |
| Carbon Tetrachloride | 5.0 U | 5.0 | 1 | 08/03/24 14:59 | |
| Benzene | 5.0 U | 5.0 | 1 | 08/03/24 14:59 | |
| 1,2-Dichloroethane | 5.0 U | 5.0 | 1 | 08/03/24 14:59 | |
| Trichloroethene (TCE) | 5.0 U | 5.0 | 1 | 08/03/24 14:59 | |
| Tetrachloroethene (PCE) | 5.0 U | 5.0 | 1 | 08/03/24 14:59 | |
| Chlorobenzene | 5.0 U | 5.0 | 1 | 08/03/24 14:59 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Dibromofluoromethane | 100 | 80 - 116 | 08/03/24 14:59 | |
| Toluene-d8 | 99 | 87 - 121 | 08/03/24 14:59 | |
| 4-Bromofluorobenzene | 96 | 85 - 122 | 08/03/24 14:59 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407026 |
| **Project:** | Paint | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2409369-06 | **Basis:** | As Received |

## TCLP Volatile Organic Compounds by GC/MS

**Analysis Method:** 8260D
**Prep Method:** EPA 5030C

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Q |
|---|---|---|---|---|---|
| Vinyl Chloride | 5.0 U | 5.0 | 1 | 08/03/24 13:28 | |
| 1,1-Dichloroethene (1,1-DCE) | 5.0 U | 5.0 | 1 | 08/03/24 13:28 | |
| 2-Butanone (MEK) | 10 U | 10 | 1 | 08/03/24 13:28 | |
| Chloroform | 5.0 U | 5.0 | 1 | 08/03/24 13:28 | |
| Carbon Tetrachloride | 5.0 U | 5.0 | 1 | 08/03/24 13:28 | |
| Benzene | 5.0 U | 5.0 | 1 | 08/03/24 13:28 | |
| 1,2-Dichloroethane | 5.0 U | 5.0 | 1 | 08/03/24 13:28 | |
| Trichloroethene (TCE) | 5.0 U | 5.0 | 1 | 08/03/24 13:28 | |
| Tetrachloroethene (PCE) | 5.0 U | 5.0 | 1 | 08/03/24 13:28 | |
| Chlorobenzene | 5.0 U | 5.0 | 1 | 08/03/24 13:28 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Dibromofluoromethane | 99 | 80 - 116 | 08/03/24 13:28 | |
| Toluene-d8 | 101 | 87 - 121 | 08/03/24 13:28 | |
| 4-Bromofluorobenzene | 96 | 85 - 122 | 08/03/24 13:28 | |

**Client:** Sessler Environmental Services
**Project:** Paint
**Sample Matrix:** Soil

**Service Request:** R2407026
**Date Analyzed:** 08/03/24

## Lab Control Sample Summary
## TCLP Volatile Organic Compounds by GC/MS

**Units:**ug/L
**Basis:**As Received

**Lab Control Sample**
RQ2409369-05

| Analyte Name | Analytical Method | Result | Spike Amount | % Rec | % Rec Limits |
|---|---|---|---|---|---|
| Vinyl Chloride | 8260D | 18.5 | 20.0 | 92 | 74-159 |
| 1,1-Dichloroethene (1,1-DCE) | 8260D | 20.6 | 20.0 | 103 | 69-142 |
| 2-Butanone (MEK) | 8260D | 14.8 | 20.0 | 74 | 61-137 |
| Chloroform | 8260D | 20.3 | 20.0 | 101 | 79-120 |
| Carbon Tetrachloride | 8260D | 20.8 | 20.0 | 104 | 70-127 |
| Benzene | 8260D | 20.7 | 20.0 | 103 | 79-119 |
| 1,2-Dichloroethane | 8260D | 19.8 | 20.0 | 99 | 71-127 |
| Trichloroethene (TCE) | 8260D | 18.9 | 20.0 | 94 | 74-122 |
| Tetrachloroethene (PCE) | 8260D | 20.8 | 20.0 | 104 | 72-125 |
| Chlorobenzene | 8260D | 20.2 | 20.0 | 101 | 80-121 |

# Semivolatile Organic Compounds by GC/MS

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

**Client:** Sessler Environmental Services **Service Request:** R2407026
**Project:** Paint
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## TCLP Semivolatile Organic Compounds by GC/MS

**Analysis Method:** 8270E
**Extraction Method:** EPA 3510C

| Sample Name | Lab Code | 2,4,6-Tribromophenol 35 - 141 | 2-Fluorobiphenyl 31 - 118 | 2-Fluorophenol 10 - 105 |
|---|---|---|---|---|
| Paint | R2407026-001 | 82 | 50 | 45 |
| Method Blank | RQ2409304-01 | 79 | 56 | 46 |
| Method Blank | RQ2409337-01 | 75 | 62 | 51 |
| Lab Control Sample | RQ2409337-02 | 108 | 77 | 60 |
| Duplicate Lab Control Sample | RQ2409337-03 | 98 | 67 | 50 |

**Client:** Sessler Environmental Services **Service Request:** R2407026
**Project:** Paint
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## TCLP Semivolatile Organic Compounds by GC/MS

**Analysis Method:** 8270E
**Extraction Method:** EPA 3510C

| Sample Name | Lab Code | Nitrobenzene-d5 31 - 110 | Phenol-d6 10 - 107 | p-Terphenyl-d14 10 - 165 |
|---|---|---|---|---|
| Paint | R2407026-001 | 59 | 32 | 72 |
| Method Blank | RQ2409304-01 | 65 | 33 | 81 |
| Method Blank | RQ2409337-01 | 74 | 35 | 80 |
| Lab Control Sample | RQ2409337-02 | 85 | 44 | 91 |
| Duplicate Lab Control Sample | RQ2409337-03 | 73 | 37 | 78 |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407026 |
| **Project:** | Paint | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2409304-01 | **Basis:** | As Received |

## TCLP Semivolatile Organic Compounds by GC/MS

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8270E | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 3510C | **Pre-Prep Date:** | 8/1/24 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 1,4-Dichlorobenzene | 100 U | 100 | 1 | 08/06/24 00:55 | 8/2/24 | |
| 2,4,5-Trichlorophenol | 100 U | 100 | 1 | 08/06/24 00:55 | 8/2/24 | |
| 2,4,6-Trichlorophenol | 100 U | 100 | 1 | 08/06/24 00:55 | 8/2/24 | |
| 2,4-Dinitrotoluene | 100 U | 100 | 1 | 08/06/24 00:55 | 8/2/24 | |
| 2-Methylphenol | 100 U | 100 | 1 | 08/06/24 00:55 | 8/2/24 | |
| 3- and 4-Methylphenol Coelution | 100 U | 100 | 1 | 08/06/24 00:55 | 8/2/24 | |
| Hexachlorobenzene | 100 U | 100 | 1 | 08/06/24 00:55 | 8/2/24 | |
| Hexachlorobutadiene | 100 U | 100 | 1 | 08/06/24 00:55 | 8/2/24 | |
| Hexachloroethane | 100 U | 100 | 1 | 08/06/24 00:55 | 8/2/24 | |
| Nitrobenzene | 100 U | 100 | 1 | 08/06/24 00:55 | 8/2/24 | |
| Pentachlorophenol (PCP) | 500 U | 500 | 1 | 08/06/24 00:55 | 8/2/24 | |
| Pyridine | 500 U | 500 | 1 | 08/06/24 00:55 | 8/2/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 2,4,6-Tribromophenol | 79 | 35 - 141 | 08/06/24 00:55 | |
| 2-Fluorobiphenyl | 56 | 31 - 118 | 08/06/24 00:55 | |
| 2-Fluorophenol | 46 | 10 - 105 | 08/06/24 00:55 | |
| Nitrobenzene-d5 | 65 | 31 - 110 | 08/06/24 00:55 | |
| Phenol-d6 | 33 | 10 - 107 | 08/06/24 00:55 | |
| p-Terphenyl-d14 | 81 | 10 - 165 | 08/06/24 00:55 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407026 |
| **Project:** | Paint | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2409337-01 | **Basis:** | As Received |

## TCLP Semivolatile Organic Compounds by GC/MS

**Analysis Method:** 8270E
**Prep Method:** EPA 3510C

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 1,4-Dichlorobenzene | 100 U | 100 | 1 | 08/05/24 16:16 | 8/2/24 | |
| 2,4,5-Trichlorophenol | 100 U | 100 | 1 | 08/05/24 16:16 | 8/2/24 | |
| 2,4,6-Trichlorophenol | 100 U | 100 | 1 | 08/05/24 16:16 | 8/2/24 | |
| 2,4-Dinitrotoluene | 100 U | 100 | 1 | 08/05/24 16:16 | 8/2/24 | |
| 2-Methylphenol | 100 U | 100 | 1 | 08/05/24 16:16 | 8/2/24 | |
| 3- and 4-Methylphenol Coelution | 100 U | 100 | 1 | 08/05/24 16:16 | 8/2/24 | |
| Hexachlorobenzene | 100 U | 100 | 1 | 08/05/24 16:16 | 8/2/24 | |
| Hexachlorobutadiene | 100 U | 100 | 1 | 08/05/24 16:16 | 8/2/24 | |
| Hexachloroethane | 100 U | 100 | 1 | 08/05/24 16:16 | 8/2/24 | |
| Nitrobenzene | 100 U | 100 | 1 | 08/05/24 16:16 | 8/2/24 | |
| Pentachlorophenol (PCP) | 500 U | 500 | 1 | 08/05/24 16:16 | 8/2/24 | |
| Pyridine | 500 U | 500 | 1 | 08/05/24 16:16 | 8/2/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 2,4,6-Tribromophenol | 75 | 35 - 141 | 08/05/24 16:16 | |
| 2-Fluorobiphenyl | 62 | 31 - 118 | 08/05/24 16:16 | |
| 2-Fluorophenol | 51 | 10 - 105 | 08/05/24 16:16 | |
| Nitrobenzene-d5 | 74 | 31 - 110 | 08/05/24 16:16 | |
| Phenol-d6 | 35 | 10 - 107 | 08/05/24 16:16 | |
| p-Terphenyl-d14 | 80 | 10 - 165 | 08/05/24 16:16 | |

**Client:** Sessler Environmental Services
**Project:** Paint
**Sample Matrix:** Soil

**Service Request:** R2407026
**Date Analyzed:** 08/05/24

## Duplicate Lab Control Sample Summary
## TCLP Semivolatile Organic Compounds by GC/MS

**Units:**ug/L
**Basis:**As Received

| | | Lab Control Sample | | | Duplicate Lab Control Sample | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | RQ2409337-02 | | | RQ2409337-03 | | | | | |
| **Analyte Name** | **Analytical Method** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| 1,4-Dichlorobenzene | 8270E | 544 | 800 | 68 | 429 | 800 | 54 | 10-124 | 24 | 30 |
| 2,4,5-Trichlorophenol | 8270E | 850 | 800 | 106 | 867 | 800 | 108 | 48-134 | 2 | 30 |
| 2,4,6-Trichlorophenol | 8270E | 827 | 800 | 103 | 834 | 800 | 104 | 44-135 | <1 | 30 |
| 2,4-Dinitrotoluene | 8270E | 936 | 800 | 117 | 950 | 800 | 119 | 54-130 | 1 | 30 |
| 2-Methylphenol | 8270E | 654 | 800 | 82 | 629 | 800 | 79 | 47-100 | 4 | 30 |
| 3- and 4-Methylphenol Coelution | 8270E | 597 | 800 | 75 | 595 | 800 | 74 | 40-92 | <1 | 30 |
| Hexachlorobenzene | 8270E | 810 | 800 | 101 | 814 | 800 | 102 | 53-123 | <1 | 30 |
| Hexachlorobutadiene | 8270E | 545 | 800 | 68 | 434 | 800 | 54 | 16-95 | 23 | 30 |
| Hexachloroethane | 8270E | 530 | 800 | 66 | 419 | 800 | 52 | 15-92 | 23 | 30 |
| Nitrobenzene | 8270E | 695 | 800 | 87 | 659 | 800 | 82 | 46-108 | 5 | 30 |
| Pentachlorophenol (PCP) | 8270E | 668 | 800 | 84 | 722 | 800 | 90 | 29-164 | 8 | 30 |
| Pyridine | 8270E | 327 J | 800 | 41 | 185 J | 800 | 23 | 10-123 | 55* | 30 |

# Metals

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407026 |
| **Project:** | Paint | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Basis:** | As Received |
| **Lab Code:** | R2407026-MB1 | | |

**Toxicity Characteristics Leachate Procedure (TCLP)**

**Inorganic Parameters**

**Pre-Prep Method:** EPA 1311

| Analyte Name | Analysis Method | Result | Units | MRL | MDL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 6010D | 1.5 U | mg/L | 1.5 | 0.06 | 3 | 08/06/24 20:41 | 08/02/24 | |
| Barium | 6010D | 3.0 U | mg/L | 3.0 | 0.2 | 3 | 08/06/24 20:41 | 08/02/24 | |
| Cadmium | 6010D | 0.30 U | mg/L | 0.30 | 0.03 | 3 | 08/06/24 20:41 | 08/02/24 | |
| Chromium | 6010D | 0.30 U | mg/L | 0.30 | 0.15 | 3 | 08/06/24 20:41 | 08/02/24 | |
| Lead | 6010D | 0.30 U | mg/L | 0.30 | 0.15 | 3 | 08/06/24 20:41 | 08/02/24 | |
| Mercury | 7470A | 0.00030 U | mg/L | 0.00030 | 0.00008 | 1 | 08/05/24 14:58 | 08/02/24 | |
| Selenium | 6010D | 0.60 U | mg/L | 0.60 | 0.06 | 3 | 08/06/24 20:41 | 08/02/24 | |
| Silver | 6010D | 0.30 U | mg/L | 0.30 | 0.03 | 3 | 08/06/24 20:41 | 08/02/24 | |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407026 |
| **Project:** | Paint | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Basis:** | As Received |
| **Lab Code:** | R2407026-MB2 | | |

## Inorganic Parameters

| Analyte Name | Analysis Method | Result | | Units | MRL | MDL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 6010D | 0.50 | U | mg/L | 0.50 | 0.02 | 1 | 08/06/24 20:28 | 08/02/24 | |
| Barium | 6010D | 1.0 | U | mg/L | 1.0 | 0.04 | 1 | 08/06/24 20:28 | 08/02/24 | |
| Cadmium | 6010D | 0.10 | U | mg/L | 0.10 | 0.01 | 1 | 08/06/24 20:28 | 08/02/24 | |
| Chromium | 6010D | 0.10 | U | mg/L | 0.10 | 0.05 | 1 | 08/06/24 20:28 | 08/02/24 | |
| Lead | 6010D | 0.10 | U | mg/L | 0.10 | 0.05 | 1 | 08/06/24 20:28 | 08/02/24 | |
| Mercury | 7470A | 0.00030 | U | mg/L | 0.00030 | 0.00008 | 1 | 08/05/24 14:46 | 08/02/24 | |
| Selenium | 6010D | 0.20 | U | mg/L | 0.20 | 0.02 | 1 | 08/06/24 20:28 | 08/02/24 | |
| Silver | 6010D | 0.10 | U | mg/L | 0.10 | 0.01 | 1 | 08/06/24 20:28 | 08/02/24 | |

**ALS Group USA, Corp.**
**dba ALS Environmental**

QA/QC Report

**Client:** Sessler Environmental Services
**Project:** Paint
**Sample Matrix:** Soil

**Service Request:**R2407026
**Date Collected:**07/31/24
**Date Received:**07/31/24
**Date Analyzed:**8/6/24

## Duplicate Matrix Spike Summary
## Inorganic Parameters

**Sample Name:** Paint
**Lab Code:** R2407026-001

**Units:**mg/L
**Basis:**As Received

| | | | Matrix Spike R2407026-001MS | | | Duplicate Matrix Spike R2407026-001DMS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Analyte Name** | **Method** | **Sample Result** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| Arsenic | 6010D | 1.5 U | 1.1 J | 1.0 | 105 | 1.1 J | 1.0 | 108 | 75-125 | 3 | 20 |
| Barium | 6010D | 3.2 | 5.1 | 2.0 | 91 | 5.2 | 2.0 | 100 | 75-125 | 3 | 20 |
| Cadmium | 6010D | 0.30 U | 0.49 | 0.50 | 98 | 0.50 | 0.50 | 100 | 75-125 | 2 | 20 |
| Chromium | 6010D | 0.30 U | 0.48 | 0.50 | 96 | 0.49 | 0.50 | 99 | 75-125 | 3 | 20 |
| Lead | 6010D | 0.31 | 0.81 | 0.50 | 101 | 0.83 | 0.50 | 104 | 75-125 | 2 | 20 |
| Selenium | 6010D | 0.60 U | 1.09 | 1.00 | 109 | 1.12 | 1.00 | 112 | 75-125 | 2 | 20 |
| Silver | 6010D | 0.30 U | 0.26 J | 0.25 | 104 | 0.27 J | 0.25 | 107 | 75-125 | 2 | 20 |

**Results flagged with an asterisk (*) indicate values outside control criteria.**

**Results flagged with a pound (#) indicate the control criteria is not applicable.**

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

**Client:** Sessler Environmental Services
**Project:** Paint
**Sample Matrix:** Soil

**Service Request:** R2407026
**Date Analyzed:** 08/05/24 - 08/06/24

## Lab Control Sample Summary
## Inorganic Parameters

**Units:**mg/L
**Basis:**As Received

### Lab Control Sample
R2407026-LCS

| Analyte Name | Analytical Method | Result | Spike Amount | % Rec | % Rec Limits |
|---|---|---|---|---|---|
| Arsenic | 6010D | 0.962 | 1.00 | 96 | 80-120 |
| Barium | 6010D | 1.96 | 2.0 | 98 | 80-120 |
| Cadmium | 6010D | 0.496 | 0.50 | 99 | 80-120 |
| Chromium | 6010D | 0.497 | 0.50 | 99 | 80-120 |
| Lead | 6010D | 0.513 | 0.50 | 103 | 80-120 |
| Mercury | 7470A | 0.00115 | 0.00100 | 115 | 80-120 |
| Selenium | 6010D | 0.961 | 1.00 | 96 | 80-120 |
| Silver | 6010D | 0.254 | 0.25 | 102 | 80-120 |

June 14, 2024 Service Request No:R2404735

Frank Thomas
Sessler Environmental Services
1330 Research Forest
Macedon, NY 14502

**Laboratory Results for: Bisonite Paint BCP**

Dear Frank,

Enclosed are the results of the sample(s) submitted to our laboratory June 04, 2024
For your reference, these analyses have been assigned our service request number **R2404735.**

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7472. You may also contact me via email at Janice.Jaeger@alsglobal.com.

Respectfully submitted,

**ALS Group USA, Corp. dba ALS Environmental**



Janice Jaeger
Project Manager

CC: Eric Hoban

ADDRESS 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
PHONE +1 585 288 5380 | FAX +1 585 288 8475
ALS Group USA, Corp.
dba ALS Environmental

# Narrative Documents

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP
**Sample Matrix:** Soil

**Service Request:** R2404735
**Date Received:** 06/04/2024

## CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

**Sample Receipt:**

One soil sample was received for analysis at ALS Environmental on 06/04/2024. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

**Semivolatiles by GC/MS:**

No significant anomalies were noted with this analysis.

**Semivoa GC:**

No significant anomalies were noted with this analysis.

**Metals:**

No significant anomalies were noted with this analysis.

**Volatiles by GC/MS:**

No significant anomalies were noted with this analysis.

Approved by _____ Date 06/14/2024

## SAMPLE DETECTION SUMMARY

This form includes only detections above the reporting levels. For a full listing of sample results, continue to the Sample Results section of this Report.

| CLIENT ID: Boundary Soils | | | Lab ID: R2404735-001 | | | |
|---|---|---|---|---|---|---|
| **Analyte** | **Results** | **Flag** | **MDL** | **MRL** | **Units** | **Method** |
| Lead | 0.18 | | | 0.10 | mg/L | 6010C |

# Sample Receipt Information

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

**Client:** Sessler Environmental Services **Service Request:**R2404735
**Project:** Bisonite Paint BCP/24-E878

## SAMPLE CROSS-REFERENCE

| SAMPLE # | CLIENT SAMPLE ID | DATE | TIME |
|---|---|---|---|
| R2404735-001 | Boundary Soils | 6/3/2024 | 1130 |

# Chain of Custody / Analytical Request Form

73285

SR#:

Page of

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 • +1 585 288 5380 • alsglobal.com

| Report To: | ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER |
|---|---|
| Company: Sessler Environmental | Project Name: Bisonite Paint BCP |
| Contact: Frank Thomas | Project Number: 24-E878 |
| Email: fthomas@sesslerenv.com | ALS Quote #: |
| Phone: 585-617-5710 | Sampler's Signature: |
| Address: 1330 Research Forest | Email CC: |
| Macedon, NY 14502 | Email CC: |
| | State Samples Collected (Circle or Write): NY, MA, PA, CT, Other: |

Preservative: 0. None; 1. HCl; 2. HNO3; 3. H2SO4; 4. NAOH; 5. Zn Acet.; 6. MeOH; 7. NaHSO4; 8. Other

| Lab ID (ALS) | Sample Collection Information: Sample ID: | Date | Time | Matrix (GW WW SW DW S L NA) | Number of Containers | MS/MSD? | GC/MS VOA - 8260•624•524•TCLP | GC/MS SVOA - 8270 • 625 • TCLP | Pesticides - 8081 • 608 • TCLP | PCBs - 8082 • 608 | Herbicides - 8151 • TCLP | Metals, Total - Select Below | Metals, Dissolved - Field / In-Lab Filter | TCLP Metals | TCLP Semi-Volatiles | TCLP Volatiles | Notes: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Boundary Soils | 6/3 | 11:30 | S | 2 | | | | | | | | | X | X | X | |
| | | | | | | | | | | | | | | | | | |
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Special Instructions / Comments:

**Turnaround Requirements**

____Rush (Surcharges Apply)
*Subject to Availability*
*Please Check with your PM*
✓ Standard (10 Business Days)
Date Required:

**Report Requirements**

____Tier II/Cat A -Results/QC
____Tier IV/Cat B - Data Validation Report w/. Data
EDD: ____Yes ____No
EDD Type:

Metals: RCRA 8•PP 13•TAL 23•TCLP•Other (List)

VOA/SVOA Report List: TCL • BTEX • TCLP • CP-51/Stars •THM • Other: _____

**Invoice To: (□ Same as Report To)**

PO #: 24-E878
Company: Sessler Env.
Contact: Justin Marullo
Email: ap@sesslerenv.com

| | Relinquished By: | Received By: | Relinquished By: | Received By: | Relinquished By: | Received By: |
|---|---|---|---|---|---|---|
| Signature | | | | | | |
| Printed Name | Josh Scott | Sarah | | | | |
| Company | SES | ALS | | | | |
| Date/Time | 6/4/24 9:56 | 6/4/24 958 | | | | |

R2404735 5
Sessler Environmental Services
Bisonite Paint BCP



Distribution: White - Lab Copy; Yellow - Return to Originator

© 2012 by ALS Group

R2404735 5
Sessler Environmental Services
Bisonite Point BCP

# Cooler Receipt and Preservation

Project/Client Sessler Folder Number

Cooler received on 6/4/24 by: SES COURIER: ALS UPS FEDEX VELOCITY CLIENT

| | | | | | |
|---|---|---|---|---|---|
| 1 | Were **Custody seals** on outside of cooler? | Y (N) | 5a | Did **VOA** vials have sig* **bubbles?** | Y N (NA) |
| 2 | **Custody papers** properly completed (ink, signed)? | (Y) N | 5b | Sig* bubbles: **Alk?** Y N (NA) **Sulfide?** | Y N (NA) |
| 3 | Did all bottles arrive in good **condition** (unbroken)? | (Y) N | 6 | Where did the bottles originate? ALS/ROC (CLIENT) | |
| 4 | Circle: **Wet Ice Dry Ice Gel packs** present? | Y (N) | 7 | Soil VOA received as: Bulk Encore 5035set (NA) | |

8. Temperature Readings Date: 6/4/24 Time: 1013 ID: IR#12 (IR#11) From: Temp Blank (Sample Bottle)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Temp (°C) | 21.8 | | | | | | |
| Within 0-6°C? | Y (N) | Y N | Y N | Y N | Y N | Y N | Y N |
| If <0°C, were samples frozen? | Y N | Y N | Y N | Y N | Y N | Y N | Y N |

**If out of Temperature, note packing/ice condition:** Ice melted Poorly Packed (described below) Same Day Rule

**&Client Approval to Run Samples:** Standing Approval Client aware at drop-off Client notified by:

All samples held in storage location: SMO by SES on 6/4/24 at 1014
5035 samples placed in storage location: by on at within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: Time: by:

9. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? YES NO
10. Did all bottle labels and tags agree with custody papers? YES NO
11. Were correct containers used for the tests indicated? YES NO
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO N/A
13. Were dissolved metals filtered in the field? YES NO N/A
14. Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized Tedlar® Bags Inflated N/A

| pH | Lot of test paper | Reagent | Preserved? Yes | Preserved? No | Lot Received | Exp | Sample ID Adjusted | Vol. Added | Lot Added | Final pH |
|---|---|---|---|---|---|---|---|---|---|---|
| ≥12 | | NaOH | | | | | | | | |
| ≤2 | | $HNO_3$ | | | | | | | | |
| ≤2 | | $H_2SO_4$ | | | | | | | | |
| <4 | | $NaHSO_4$ | | | | | | | | |
| 5-9 | | For 608pest | | | No=Notify for 3day | | | | | |
| Residual Chlorine (-) | | For CN, Phenol, 625, 608pest, 522 | | | If +, contact PM to add $Na_2S_2O_3$ (625, 608, CN), ascorbic (phenol). | | | | | |
| | | $Na_2S_2O_3$ | | | | | | | | |
| | | ZnAcetate | - | - | | | **VOAs and 1664 Not to be tested before analysis. Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives). | | | |
| | | HCl | ** | ** | | | | | | |

Bottle lot numbers:
Explain all Discrepancies/ Other Comments:

| | |
|---|---|
| HPROD | BULK |
| HTR | FLDT |
| SUB | HGFB |
| ALS | LL3541 |

Labels secondary reviewed by: *significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

# Miscellaneous Forms

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# REPORT QUALIFIERS AND DEFINITIONS

| | |
|---|---|
| U | Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative. |
| J | Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors). |
| B | Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result. |
| E | Inorganics- Concentration is estimated due to the serial dilution was outside control limits. |
| E | Organics- Concentration has exceeded the calibration range for that specific analysis. |
| D | Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed. |
| * | Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time. |
| H | Analysis was performed out of hold time for tests that have an "immediate" hold time criteria. |
| # | Spike was diluted out. |
| + | Correlation coefficient for MSA is <0.995. |
| N | Inorganics- Matrix spike recovery was outside laboratory limits. |
| N | Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search. |
| S | Concentration has been determined using Method of Standard Additions (MSA). |
| W | Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance. |
| P | Concentration >40% difference between the two GC columns. |
| C | Confirmed by GC/MS |
| Q | DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns). |
| X | See Case Narrative for discussion. |
| MRL<br>LOQ | Method Reporting Limit. Also known as:<br>Limit of Quantitation (LOQ)<br>The lowest concentration at which the method analyte may be reliably quantified under the method conditions. |
| MDL | Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier). |
| LOD | Limit of Detection. A value at or above the MDL which has been verified to be detectable. |
| ND | Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier. |

## Rochester Lab ID # for State Accreditations[1]

| NELAP States |
|---|
| Florida ID # E87674 |
| New Hampshire ID # 2941 |
| New York ID # 10145 |
| Pennsylvania ID# 68-786 |
| Virginia #460167 |

| Non-NELAP States |
|---|
| Connecticut ID #PH0556 |
| Delaware Approved |
| Maine ID #NY01587 |
| North Carolina #36701 |
| North Carolina #676 |
| Rhode Island LAO00333 |

[1] Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory. To verify NH accredited analytes, go to https://www4.des.state.nh.us/CertifiedLabs/Certified-Method.aspx.

# ALS Laboratory Group

**Acronyms**

| | |
|---|---|
| ASTM | American Society for Testing and Materials |
| A2LA | American Association for Laboratory Accreditation |
| CARB | California Air Resources Board |
| CAS Number | Chemical Abstract Service registry Number |
| CFC | Chlorofluorocarbon |
| CFU | Colony-Forming Unit |
| DEC | Department of Environmental Conservation |
| DEQ | Department of Environmental Quality |
| DHS | Department of Health Services |
| DOE | Department of Ecology |
| DOH | Department of Health |
| EPA | U. S. Environmental Protection Agency |
| ELAP | Environmental Laboratory Accreditation Program |
| GC | Gas Chromatography |
| GC/MS | Gas Chromatography/Mass Spectrometry |
| LUFT | Leaking Underground Fuel Tank |
| M | Modified |
| MCL | Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA. |
| MDL | Method Detection Limit |
| MPN | Most Probable Number |
| MRL | Method Reporting Limit |
| NA | Not Applicable |
| NC | Not Calculated |
| NCASI | National Council of the Paper Industry for Air and Stream Improvement |
| ND | Not Detected |
| NIOSH | National Institute for Occupational Safety and Health |
| PQL | Practical Quantitation Limit |
| RCRA | Resource Conservation and Recovery Act |
| SIM | Selected Ion Monitoring |
| TPH | Total Petroleum Hydrocarbons |
| tr | Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL. |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2404735 |
| **Project:** | Bisonite Paint BCP/24-E878 | | |

| | | | |
|---|---|---|---|
| **Sample Name:** | Boundary Soils | **Date Collected:** | 06/3/24 |
| **Lab Code:** | R2404735-001 | **Date Received:** | 06/4/24 |
| **Sample Matrix:** | Soil | | |

| Analysis Method | Extracted/Digested By | Analyzed By |
|---|---|---|
| 6010C | CDISTEFANO | NMANSEN |
| 7470A | ECASTROVINCI | ECASTROVINCI |
| 8260C | | FNAEGLER |
| 8270D | JVANHEYNINGEN | BALLGEIER |

# PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

## INORGANIC

**Water/Liquid Matrix**

| Analytical Method | Preparation Method |
|---|---|
| 200.7 | 200.2 |
| 200.8 | 200.2 |
| 6010C or 6010D | 3005A/3010A |
| 6020A or 6020B | ILM05.3 |
| 9034 Sulfide Acid Soluble | 9030B |
| SM 4500-CN-N-2016 Amenable and Residual Cyanide | SM 4500-CN-G and SM 4500-CN-B,C-2016 |
| SM 4500-CN-E WAD Cyanide | SM 4500-CN-I |

**Solid/Soil/Non-Aqueous Matrix**

| Analytical Method | Preparation Method |
|---|---|
| 6010C or 6010D | 3050B |
| 6020A or 6020B | 3050B |
| 6010C or 6010D TCLP (1311) extract | 3005A/3010A |
| 6010C or 6010D SPLP (1312) extract | 3005A/3010A |
| 7199 | 3060A |
| 300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions | DI extraction |
| For analytical methods not listed, the preparation method is the same as the analytical method reference. | |

## ORGANIC

**Preparation Methods for Organic methods are listed in the header of the Results pages.**

**Regarding "Bulk/5035A":**
For soil/solid samples submitted in soil jars for Volatiles analysis, the prep method is listed as "Bulk/5035A". The lab follows the closed-system EPA 5035A protocols once the sample is transferred to a sealed vial, but collection in bulk in soil jars does not follow the collection protocols listed in EPA 5035A. In accordance with the NYSDOH technical notice of October 2012, all results or reporting limits <200 ug/kg are to be considered estimated due to potential low bias.

# Sample Results

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# Volatile Organic Compounds by GC/MS

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Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2404735 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 06/03/24 11:30 |
| **Sample Matrix:** | Soil | **Date Received:** | 06/04/24 09:58 |
| **Sample Name:** | Boundary Soils | **Units:** | ug/L |
| **Lab Code:** | R2404735-001 | **Basis:** | As Received |

## TCLP Volatile Organics by GC/MS

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8260C | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 5030C | **Pre-Prep Date:** | 6/6/24 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Q |
|---|---|---|---|---|---|
| Vinyl Chloride | 50 U | 50 | 10 | 06/09/24 21:36 | |
| 1,1-Dichloroethene (1,1-DCE) | 50 U | 50 | 10 | 06/09/24 21:36 | |
| 2-Butanone (MEK) | 100 U | 100 | 10 | 06/09/24 21:36 | |
| Chloroform | 50 U | 50 | 10 | 06/09/24 21:36 | |
| Carbon Tetrachloride | 50 U | 50 | 10 | 06/09/24 21:36 | |
| Benzene | 50 U | 50 | 10 | 06/09/24 21:36 | |
| 1,2-Dichloroethane | 50 U | 50 | 10 | 06/09/24 21:36 | |
| Trichloroethene (TCE) | 50 U | 50 | 10 | 06/09/24 21:36 | |
| Tetrachloroethene (PCE) | 50 U | 50 | 10 | 06/09/24 21:36 | |
| Chlorobenzene | 50 U | 50 | 10 | 06/09/24 21:36 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Dibromofluoromethane | 96 | 80 - 116 | 06/09/24 21:36 | |
| Toluene-d8 | 97 | 87 - 121 | 06/09/24 21:36 | |
| 4-Bromofluorobenzene | 96 | 85 - 122 | 06/09/24 21:36 | |

# Semivolatile Organic Compounds by GC/MS

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| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2404735 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 06/03/24 11:30 |
| **Sample Matrix:** | Soil | **Date Received:** | 06/04/24 09:58 |
| **Sample Name:** | Boundary Soils | **Units:** | ug/L |
| **Lab Code:** | R2404735-001 | **Basis:** | As Received |

## TCLP Semivolatile Organic Compounds by GC/MS

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8270D | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 3510C | **Pre-Prep Date:** | 6/6/24 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 1,4-Dichlorobenzene | 100 U | 100 | 1 | 06/12/24 21:11 | 6/7/24 | |
| 2,4,5-Trichlorophenol | 100 U | 100 | 1 | 06/12/24 21:11 | 6/7/24 | |
| 2,4,6-Trichlorophenol | 100 U | 100 | 1 | 06/12/24 21:11 | 6/7/24 | |
| 2,4-Dinitrotoluene | 100 U | 100 | 1 | 06/12/24 21:11 | 6/7/24 | |
| 2-Methylphenol | 100 U | 100 | 1 | 06/12/24 21:11 | 6/7/24 | |
| 3- and 4-Methylphenol Coelution | 100 U | 100 | 1 | 06/12/24 21:11 | 6/7/24 | |
| Hexachlorobenzene | 100 U | 100 | 1 | 06/12/24 21:11 | 6/7/24 | |
| Hexachlorobutadiene | 100 U | 100 | 1 | 06/12/24 21:11 | 6/7/24 | |
| Hexachloroethane | 100 U | 100 | 1 | 06/12/24 21:11 | 6/7/24 | |
| Nitrobenzene | 100 U | 100 | 1 | 06/12/24 21:11 | 6/7/24 | |
| Pentachlorophenol (PCP) | 500 U | 500 | 1 | 06/12/24 21:11 | 6/7/24 | |
| Pyridine | 500 U | 500 | 1 | 06/12/24 21:11 | 6/7/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 2,4,6-Tribromophenol | 104 | 35 - 141 | 06/12/24 21:11 | |
| 2-Fluorobiphenyl | 69 | 31 - 118 | 06/12/24 21:11 | |
| 2-Fluorophenol | 51 | 10 - 105 | 06/12/24 21:11 | |
| Nitrobenzene-d5 | 81 | 31 - 110 | 06/12/24 21:11 | |
| Phenol-d6 | 37 | 10 - 107 | 06/12/24 21:11 | |
| p-Terphenyl-d14 | 105 | 10 - 165 | 06/12/24 21:11 | |

# Metals

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Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2404735 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 06/03/24 11:30 |
| **Sample Matrix:** | Soil | **Date Received:** | 06/04/24 09:58 |
| **Sample Name:** | Boundary Soils | **Basis:** | As Received |
| **Lab Code:** | R2404735-001 | | |

## Toxicity Characteristics Leachate Procedure (TCLP)

## Inorganic Parameters

**Pre-Prep Method:** EPA 1311

| Analyte Name | Analysis Method | Result | | Units | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 6010C | 0.50 | U | mg/L | 0.50 | 1 | 06/13/24 12:31 | 06/11/24 | |
| Barium | 6010C | 1.0 | U | mg/L | 1.0 | 1 | 06/13/24 12:31 | 06/11/24 | |
| Cadmium | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 06/13/24 12:31 | 06/11/24 | |
| Chromium | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 06/13/24 12:31 | 06/11/24 | |
| Lead | 6010C | **0.18** | | mg/L | 0.10 | 1 | 06/13/24 12:31 | 06/11/24 | |
| Mercury | 7470A | 0.00030 | U | mg/L | 0.00030 | 1 | 06/11/24 14:40 | 06/10/24 | |
| Selenium | 6010C | 0.50 | U | mg/L | 0.50 | 1 | 06/13/24 12:31 | 06/11/24 | |
| Silver | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 06/13/24 12:31 | 06/11/24 | |

# QC Summary Forms

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# Volatile Organic Compounds by GC/MS

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**Client:** Sessler Environmental Services **Service Request:** R2404735
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## TCLP Volatile Organics by GC/MS

**Analysis Method:** 8260C
**Extraction Method:** EPA 5030C

| Sample Name | Lab Code | 4-Bromofluorobenzene 85 - 122 | Dibromofluoromethane 80 - 116 | Toluene-d8 87 - 121 |
|---|---|---|---|---|
| Boundary Soils | R2404735-001 | 96 | 96 | 97 |
| Method Blank | RQ2406476-01 | 98 | 98 | 100 |
| Lab Control Sample | RQ2406501-07 | 95 | 95 | 95 |
| Method Blank | RQ2406501-08 | 94 | 95 | 97 |
| Boundary Soils MS | RQ2406501-09 | 101 | 98 | 100 |
| Boundary Soils DMS | RQ2406501-10 | 98 | 97 | 97 |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2404735 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 06/03/24 |
| **Sample Matrix:** | Soil | **Date Received:** | 06/04/24 |
| | | **Date Analyzed:** | 06/9/24 |
| | | **Date Extracted:** | NA |

## Duplicate Matrix Spike Summary
## TCLP Volatile Organics by GC/MS

| | | | |
|---|---|---|---|
| **Sample Name:** | Boundary Soils | **Units:** | ug/L |
| **Lab Code:** | R2404735-001 | **Basis:** | As Received |
| **Analysis Method:** | 8260C | | |
| **Prep Method:** | EPA 5030C | | |

| | | **Matrix Spike** RQ2406501-09 | | | **Duplicate Matrix Spike** RQ2406501-10 | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Analyte Name** | **Sample Result** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| Vinyl Chloride | 50 U | 543 | 500 | 109 | 540 | 500 | 108 | 74-159 | <1 | 30 |
| 1,1-Dichloroethene (1,1-DCE) | 50 U | 534 | 500 | 107 | 547 | 500 | 109 | 71-118 | 2 | 30 |
| 2-Butanone (MEK) | 100 U | 501 | 500 | 100 | 486 | 500 | 97 | 61-137 | 3 | 30 |
| Chloroform | 50 U | 542 | 500 | 108 | 541 | 500 | 108 | 75-130 | <1 | 30 |
| Carbon Tetrachloride | 50 U | 521 | 500 | 104 | 538 | 500 | 108 | 65-135 | 3 | 30 |
| Benzene | 50 U | 534 | 500 | 107 | 545 | 500 | 109 | 76-129 | 2 | 30 |
| 1,2-Dichloroethane | 50 U | 506 | 500 | 101 | 516 | 500 | 103 | 68-130 | 2 | 30 |
| Trichloroethene (TCE) | 50 U | 509 | 500 | 102 | 500 | 500 | 100 | 74-122 | 2 | 30 |
| Tetrachloroethene (PCE) | 50 U | 503 | 500 | 101 | 510 | 500 | 102 | 72-125 | 1 | 30 |
| Chlorobenzene | 50 U | 493 | 500 | 99 | 501 | 500 | 100 | 76-125 | 2 | 30 |

**Results flagged with an asterisk (*) indicate values outside control criteria.**

**Results flagged with a pound (#) indicate the control criteria is not applicable.**

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

**Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.**

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2404735 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2406476-01 | **Basis:** | As Received |

## TCLP Volatile Organics by GC/MS

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8260C | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 5030C | **Pre-Prep Date:** | 6/6/24 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Q |
|---|---|---|---|---|---|
| Vinyl Chloride | 5.0 U | 5.0 | 1 | 06/09/24 20:50 | |
| 1,1-Dichloroethene (1,1-DCE) | 5.0 U | 5.0 | 1 | 06/09/24 20:50 | |
| 2-Butanone (MEK) | 10 U | 10 | 1 | 06/09/24 20:50 | |
| Chloroform | 5.0 U | 5.0 | 1 | 06/09/24 20:50 | |
| Carbon Tetrachloride | 5.0 U | 5.0 | 1 | 06/09/24 20:50 | |
| Benzene | 5.0 U | 5.0 | 1 | 06/09/24 20:50 | |
| 1,2-Dichloroethane | 5.0 U | 5.0 | 1 | 06/09/24 20:50 | |
| Trichloroethene (TCE) | 5.0 U | 5.0 | 1 | 06/09/24 20:50 | |
| Tetrachloroethene (PCE) | 5.0 U | 5.0 | 1 | 06/09/24 20:50 | |
| Chlorobenzene | 5.0 U | 5.0 | 1 | 06/09/24 20:50 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Dibromofluoromethane | 98 | 80 - 116 | 06/09/24 20:50 | |
| Toluene-d8 | 100 | 87 - 121 | 06/09/24 20:50 | |
| 4-Bromofluorobenzene | 98 | 85 - 122 | 06/09/24 20:50 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2404735 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2406501-08 | **Basis:** | As Received |

## TCLP Volatile Organics by GC/MS

**Analysis Method:** 8260C
**Prep Method:** EPA 5030C

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Q |
|---|---|---|---|---|---|
| Vinyl Chloride | 5.0 U | 5.0 | 1 | 06/09/24 13:37 | |
| 1,1-Dichloroethene (1,1-DCE) | 5.0 U | 5.0 | 1 | 06/09/24 13:37 | |
| 2-Butanone (MEK) | 10 U | 10 | 1 | 06/09/24 13:37 | |
| Chloroform | 5.0 U | 5.0 | 1 | 06/09/24 13:37 | |
| Carbon Tetrachloride | 5.0 U | 5.0 | 1 | 06/09/24 13:37 | |
| Benzene | 5.0 U | 5.0 | 1 | 06/09/24 13:37 | |
| 1,2-Dichloroethane | 5.0 U | 5.0 | 1 | 06/09/24 13:37 | |
| Trichloroethene (TCE) | 5.0 U | 5.0 | 1 | 06/09/24 13:37 | |
| Tetrachloroethene (PCE) | 5.0 U | 5.0 | 1 | 06/09/24 13:37 | |
| Chlorobenzene | 5.0 U | 5.0 | 1 | 06/09/24 13:37 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Dibromofluoromethane | 95 | 80 - 116 | 06/09/24 13:37 | |
| Toluene-d8 | 97 | 87 - 121 | 06/09/24 13:37 | |
| 4-Bromofluorobenzene | 94 | 85 - 122 | 06/09/24 13:37 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

**Service Request:** R2404735
**Date Analyzed:** 06/09/24

## Lab Control Sample Summary
## TCLP Volatile Organics by GC/MS

**Units:**ug/L
**Basis:**As Received

### Lab Control Sample
RQ2406501-07

| Analyte Name | Analytical Method | Result | Spike Amount | % Rec | % Rec Limits |
|---|---|---|---|---|---|
| Vinyl Chloride | 8260C | 19.5 | 20.0 | 98 | 74-159 |
| 1,1-Dichloroethene (1,1-DCE) | 8260C | 19.7 | 20.0 | 99 | 69-142 |
| 2-Butanone (MEK) | 8260C | 18.4 | 20.0 | 92 | 61-137 |
| Chloroform | 8260C | 20.4 | 20.0 | 102 | 79-120 |
| Carbon Tetrachloride | 8260C | 18.6 | 20.0 | 93 | 70-127 |
| Benzene | 8260C | 19.9 | 20.0 | 99 | 79-119 |
| 1,2-Dichloroethane | 8260C | 19.5 | 20.0 | 98 | 71-127 |
| Trichloroethene (TCE) | 8260C | 19.2 | 20.0 | 96 | 74-122 |
| Tetrachloroethene (PCE) | 8260C | 18.9 | 20.0 | 95 | 72-125 |
| Chlorobenzene | 8260C | 18.6 | 20.0 | 93 | 80-121 |

# Semivolatile Organic Compounds by GC/MS

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

**Client:** Sessler Environmental Services **Service Request:** R2404735
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## TCLP Semivolatile Organic Compounds by GC/MS

**Analysis Method:** 8270D
**Extraction Method:** EPA 3510C

| Sample Name | Lab Code | 2,4,6-Tribromophenol 35 - 141 | 2-Fluorobiphenyl 31 - 118 | 2-Fluorophenol 10 - 105 |
|---|---|---|---|---|
| Boundary Soils | R2404735-001 | 104 | 69 | 51 |
| Method Blank | RQ2406448-01 | 96 | 65 | 47 |
| Method Blank | RQ2406461-01 | 97 | 63 | 47 |
| Lab Control Sample | RQ2406461-02 | 116 | 82 | 55 |
| Duplicate Lab Control Sample | RQ2406461-03 | 100 | 71 | 51 |

**Client:** Sessler Environmental Services **Service Request:** R2404735
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## TCLP Semivolatile Organic Compounds by GC/MS

**Analysis Method:** 8270D
**Extraction Method:** EPA 3510C

| Sample Name | Lab Code | Nitrobenzene-d5 31 - 110 | Phenol-d6 10 - 107 | p-Terphenyl-d14 10 - 165 |
|---|---|---|---|---|
| Boundary Soils | R2404735-001 | 81 | 37 | 105 |
| Method Blank | RQ2406448-01 | 71 | 34 | 104 |
| Method Blank | RQ2406461-01 | 71 | 34 | 107 |
| Lab Control Sample | RQ2406461-02 | 86 | 43 | 114 |
| Duplicate Lab Control Sample | RQ2406461-03 | 79 | 41 | 103 |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2404735 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2406448-01 | **Basis:** | As Received |

## TCLP Semivolatile Organic Compounds by GC/MS

| | | | |
|---|---|---|---|
| **Analysis Method:** | 8270D | **Pre-Prep Method:** | EPA 1311 |
| **Prep Method:** | EPA 3510C | **Pre-Prep Date:** | 6/6/24 |

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 1,4-Dichlorobenzene | 100 U | 100 | 1 | 06/12/24 22:46 | 6/7/24 | |
| 2,4,5-Trichlorophenol | 100 U | 100 | 1 | 06/12/24 22:46 | 6/7/24 | |
| 2,4,6-Trichlorophenol | 100 U | 100 | 1 | 06/12/24 22:46 | 6/7/24 | |
| 2,4-Dinitrotoluene | 100 U | 100 | 1 | 06/12/24 22:46 | 6/7/24 | |
| 2-Methylphenol | 100 U | 100 | 1 | 06/12/24 22:46 | 6/7/24 | |
| 3- and 4-Methylphenol Coelution | 100 U | 100 | 1 | 06/12/24 22:46 | 6/7/24 | |
| Hexachlorobenzene | 100 U | 100 | 1 | 06/12/24 22:46 | 6/7/24 | |
| Hexachlorobutadiene | 100 U | 100 | 1 | 06/12/24 22:46 | 6/7/24 | |
| Hexachloroethane | 100 U | 100 | 1 | 06/12/24 22:46 | 6/7/24 | |
| Nitrobenzene | 100 U | 100 | 1 | 06/12/24 22:46 | 6/7/24 | |
| Pentachlorophenol (PCP) | 500 U | 500 | 1 | 06/12/24 22:46 | 6/7/24 | |
| Pyridine | 500 U | 500 | 1 | 06/12/24 22:46 | 6/7/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 2,4,6-Tribromophenol | 96 | 35 - 141 | 06/12/24 22:46 | |
| 2-Fluorobiphenyl | 65 | 31 - 118 | 06/12/24 22:46 | |
| 2-Fluorophenol | 47 | 10 - 105 | 06/12/24 22:46 | |
| Nitrobenzene-d5 | 71 | 31 - 110 | 06/12/24 22:46 | |
| Phenol-d6 | 34 | 10 - 107 | 06/12/24 22:46 | |
| p-Terphenyl-d14 | 104 | 10 - 165 | 06/12/24 22:46 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2404735 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2406461-01 | **Basis:** | As Received |

## TCLP Semivolatile Organic Compounds by GC/MS

**Analysis Method:** 8270D
**Prep Method:** EPA 3510C

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 1,4-Dichlorobenzene | 100 U | 100 | 1 | 06/12/24 14:02 | 6/7/24 | |
| 2,4,5-Trichlorophenol | 100 U | 100 | 1 | 06/12/24 14:02 | 6/7/24 | |
| 2,4,6-Trichlorophenol | 100 U | 100 | 1 | 06/12/24 14:02 | 6/7/24 | |
| 2,4-Dinitrotoluene | 100 U | 100 | 1 | 06/12/24 14:02 | 6/7/24 | |
| 2-Methylphenol | 100 U | 100 | 1 | 06/12/24 14:02 | 6/7/24 | |
| 3- and 4-Methylphenol Coelution | 100 U | 100 | 1 | 06/12/24 14:02 | 6/7/24 | |
| Hexachlorobenzene | 100 U | 100 | 1 | 06/12/24 14:02 | 6/7/24 | |
| Hexachlorobutadiene | 100 U | 100 | 1 | 06/12/24 14:02 | 6/7/24 | |
| Hexachloroethane | 100 U | 100 | 1 | 06/12/24 14:02 | 6/7/24 | |
| Nitrobenzene | 100 U | 100 | 1 | 06/12/24 14:02 | 6/7/24 | |
| Pentachlorophenol (PCP) | 500 U | 500 | 1 | 06/12/24 14:02 | 6/7/24 | |
| Pyridine | 500 U | 500 | 1 | 06/12/24 14:02 | 6/7/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 2,4,6-Tribromophenol | 97 | 35 - 141 | 06/12/24 14:02 | |
| 2-Fluorobiphenyl | 63 | 31 - 118 | 06/12/24 14:02 | |
| 2-Fluorophenol | 47 | 10 - 105 | 06/12/24 14:02 | |
| Nitrobenzene-d5 | 71 | 31 - 110 | 06/12/24 14:02 | |
| Phenol-d6 | 34 | 10 - 107 | 06/12/24 14:02 | |
| p-Terphenyl-d14 | 107 | 10 - 165 | 06/12/24 14:02 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

**Service Request:** R2404735
**Date Analyzed:** 06/12/24

## Duplicate Lab Control Sample Summary
## TCLP Semivolatile Organic Compounds by GC/MS

**Units:**ug/L
**Basis:**As Received

| | | Lab Control Sample | | | Duplicate Lab Control Sample | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | RQ2406461-02 | | | RQ2406461-03 | | | | | |
| **Analyte Name** | **Analytical Method** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| 1,4-Dichlorobenzene | 8270D | 490 | 800 | 61 | 437 | 800 | 55 | 10-124 | 11 | 30 |
| 2,4,5-Trichlorophenol | 8270D | 842 | 800 | 105 | 731 | 800 | 91 | 48-134 | 14 | 30 |
| 2,4,6-Trichlorophenol | 8270D | 802 | 800 | 100 | 710 | 800 | 89 | 44-135 | 12 | 30 |
| 2,4-Dinitrotoluene | 8270D | 955 | 800 | 119 | 820 | 800 | 103 | 54-130 | 15 | 30 |
| 2-Methylphenol | 8270D | 648 | 800 | 81 | 602 | 800 | 75 | 47-100 | 7 | 30 |
| 3- and 4-Methylphenol Coelution | 8270D | 678 | 800 | 85 | 628 | 800 | 79 | 40-92 | 8 | 30 |
| Hexachlorobenzene | 8270D | 757 | 800 | 95 | 663 | 800 | 83 | 53-123 | 13 | 30 |
| Hexachlorobutadiene | 8270D | 503 | 800 | 63 | 449 | 800 | 56 | 16-95 | 11 | 30 |
| Hexachloroethane | 8270D | 463 | 800 | 58 | 421 | 800 | 53 | 15-92 | 10 | 30 |
| Nitrobenzene | 8270D | 665 | 800 | 83 | 615 | 800 | 77 | 46-108 | 8 | 30 |
| Pentachlorophenol (PCP) | 8270D | 761 | 800 | 95 | 655 | 800 | 82 | 29-164 | 15 | 30 |
| Pyridine | 8270D | 354 J | 800 | 44 | 319 J | 800 | 40 | 10-123 | 10 | 30 |

# Metals

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2404735 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Basis:** | As Received |
| **Lab Code:** | R2404735-MB1 | | |

**Toxicity Characteristics Leachate Procedure (TCLP)**

**Inorganic Parameters**

**Pre-Prep Method:** EPA 1311

| Analyte Name | Analysis Method | Result | | Units | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 6010C | 0.50 | U | mg/L | 0.50 | 1 | 06/13/24 12:28 | 06/11/24 | |
| Barium | 6010C | 1.0 | U | mg/L | 1.0 | 1 | 06/13/24 12:28 | 06/11/24 | |
| Cadmium | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 06/13/24 12:28 | 06/11/24 | |
| Chromium | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 06/13/24 12:28 | 06/11/24 | |
| Lead | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 06/13/24 12:28 | 06/11/24 | |
| Mercury | 7470A | 0.00030 | U | mg/L | 0.00030 | 1 | 06/11/24 14:37 | 06/10/24 | |
| Selenium | 6010C | 0.50 | U | mg/L | 0.50 | 1 | 06/13/24 12:28 | 06/11/24 | |
| Silver | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 06/13/24 12:28 | 06/11/24 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2404735 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Basis:** | As Received |
| **Lab Code:** | R2404735-MB2 | | |

## Inorganic Parameters

| Analyte Name | Analysis Method | Result | | Units | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 6010C | 0.50 | U | mg/L | 0.50 | 1 | 06/13/24 12:21 | 06/11/24 | |
| Barium | 6010C | 1.0 | U | mg/L | 1.0 | 1 | 06/13/24 12:21 | 06/11/24 | |
| Cadmium | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 06/13/24 12:21 | 06/11/24 | |
| Chromium | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 06/13/24 12:21 | 06/11/24 | |
| Lead | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 06/13/24 12:21 | 06/11/24 | |
| Mercury | 7470A | 0.00030 | U | mg/L | 0.00030 | 1 | 06/11/24 14:07 | 06/10/24 | |
| Selenium | 6010C | 0.50 | U | mg/L | 0.50 | 1 | 06/13/24 12:21 | 06/11/24 | |
| Silver | 6010C | 0.10 | U | mg/L | 0.10 | 1 | 06/13/24 12:21 | 06/11/24 | |

**ALS Group USA, Corp.**
**dba ALS Environmental**

QA/QC Report

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

**Service Request:**R2404735
**Date Collected:**06/03/24
**Date Received:**06/04/24
**Date Analyzed:**6/13/24

## Duplicate Matrix Spike Summary
## Inorganic Parameters

**Sample Name:** Boundary Soils
**Lab Code:** R2404735-001

**Units:**mg/L
**Basis:**As Received

| | | | Matrix Spike R2404735-001MS | | | Duplicate Matrix Spike R2404735-001DMS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Analyte Name** | **Method** | **Sample Result** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| Arsenic | 6010C | 0.50 U | 0.97 | 1.00 | 97 | 0.96 | 1.00 | 96 | 75-125 | 2 | 20 |
| Barium | 6010C | 1.0 U | 2.7 | 2.0 | 135 * | 2.6 | 2.0 | 132 * | 75-125 | 3 | 20 |
| Cadmium | 6010C | 0.10 U | 0.47 | 0.50 | 93 | 0.46 | 0.50 | 91 | 75-125 | 3 | 20 |
| Chromium | 6010C | 0.10 U | 0.47 | 0.50 | 95 | 0.46 | 0.50 | 92 | 75-125 | 3 | 20 |
| Lead | 6010C | 0.18 | 0.65 | 0.50 | 95 | 0.63 | 0.50 | 91 | 75-125 | 3 | 20 |
| Selenium | 6010C | 0.50 U | 0.98 | 1.00 | 98 | 0.97 | 1.00 | 97 | 75-125 | 1 | 20 |
| Silver | 6010C | 0.10 U | 0.27 | 0.25 | 109 | 0.27 | 0.25 | 106 | 75-125 | 3 | 20 |

**Results flagged with an asterisk (*) indicate values outside control criteria.**

**Results flagged with a pound (#) indicate the control criteria is not applicable.**

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

**Service Request:** R2404735
**Date Analyzed:** 06/11/24 - 06/13/24

## Lab Control Sample Summary
## Inorganic Parameters

**Units:**mg/L
**Basis:**As Received

### Lab Control Sample
R2404735-LCS

| Analyte Name | Analytical Method | Result | Spike Amount | % Rec | % Rec Limits |
|---|---|---|---|---|---|
| Arsenic | 6010C | 0.93 | 1.00 | 93 | 80-120 |
| Barium | 6010C | 2.0 | 2.0 | 99 | 80-120 |
| Cadmium | 6010C | 0.49 | 0.50 | 98 | 80-120 |
| Chromium | 6010C | 0.49 | 0.50 | 99 | 80-120 |
| Lead | 6010C | 0.50 | 0.50 | 100 | 80-120 |
| Mercury | 7470A | 0.00096 | 0.00100 | 96 | 80-120 |
| Selenium | 6010C | 0.92 | 1.00 | 92 | 80-120 |
| Silver | 6010C | 0.25 | 0.25 | 100 | 80-120 |

August 19, 2024 Service Request No:R2407012

Frank Thomas
Sessler Environmental Services
1330 Research Forest
Macedon, NY 14502

**Laboratory Results for: Bisonite Paint BCP**

Dear Frank,

Enclosed are the results of the sample(s) submitted to our laboratory July 31, 2024
For your reference, these analyses have been assigned our service request number **R2407012.**

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7472. You may also contact me via email at Janice.Jaeger@alsglobal.com.

Respectfully submitted,

**ALS Group USA, Corp. dba ALS Environmental**



Janice Jaeger
Project Manager

CC: Eric Hoban

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ALS Group USA, Corp.
dba ALS Environmental

# Narrative Documents

**ALS Environmental—Rochester Laboratory**
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Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP
**Sample Matrix:** Soil

**Service Request:** R2407012
**Date Received:** 07/31/2024

## CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

**Sample Receipt:**

One soil sample was received for analysis at ALS Environmental on 07/31/2024. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

**Semivolatiles by GC/MS:**

Method 8270E, 08/07/2024: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8270E, 08/07/2024: The upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.

**Semivoa GC:**

Method 8081B, 08/06/2024: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8081B, 08/06/2024: The control limits were exceeded for analytes in the Continuing Calibration Verification (CCV). The QC failure was most likely due to the composition of the sample(s) immediately preceding the failing CCV. In order to protect the integrity of the instrument, no further corrective action was taken. Results should be considered estimated.

Method 8081B, 849841: The control limits were exceeded for one or more surrogates due to suspected matrix interferences. Sample is scheduled for re-extraction.
Method 8081B, 08/15/2024: The control limits were exceeded for analytes in the Continuing Calibration Verification (CCV). The QC failure was most likely due to the composition of the sample(s) immediately preceding the failing CCV. In order to protect the integrity of the instrument, no further corrective action was taken. Results should be considered estimated.

Method 8081B, 850755s: The control limits were exceeded for one or more surrogates due to matrix interferences. A re-extraction and reanalysis was performed, but produced similar results. No further corrective action was required.

Method 8082A, 08/08/2024: The control limits were exceeded for analytes in the Continuing Calibration Verification (CCV). The QC failure was most likely due to the composition of the sample(s) immediately preceding the failing CCV. In order to protect the integrity of the instrument, no further corrective action was taken. Results should be considered estimated.

Method 8082A, 849856: The control limits were exceeded for one or more surrogates due to suspected matrix interferences. Sample is scheduled for re-extraction.
Method 8082A, 850706s: The control limits were exceeded for one or more surrogates due to matrix interferences. A re-extraction and reanalysis was performed, but produced similar results. No further corrective action was required.

Approved by _____ Date 08/19/2024

Method 8082A, 08/14/2024: The control limits were exceeded for analytes in the Continuing Calibration Verification (CCV). The QC failure was most likely due to the composition of the sample(s) immediately preceding the failing CCV. In order to protect the integrity of the instrument, no further corrective action was taken. Results should be considered estimated.

Method 8151A, 849817: The control limits were exceeded for one or more surrogates due to suspected matrix interferences. Sample scheduled for re-extraction.
Method 8151A, 850739s: The control limits were exceeded for one or more surrogates due to matrix interferences. A re-extraction and reanalysis was performed, but produced similar results. No further corrective action was required.

**Metals:**

No significant anomalies were noted with this analysis.

**General Chemistry:**

No significant anomalies were noted with this analysis.

**Volatiles by GC/MS:**

No significant anomalies were noted with this analysis.

Approved by _____ Date 08/19/2024

## SAMPLE DETECTION SUMMARY

This form includes only detections above the reporting levels. For a full listing of sample results, continue to the Sample Results section of this Report.

| CLIENT ID: Drum Soil + Paint 2 | | | Lab ID: R2407012-001 | | | |
|---|---|---|---|---|---|---|
| **Analyte** | **Results** | **Flag** | **MDL** | **MRL** | **Units** | **Method** |
| 1,2,4-Trimethylbenzene | 1000 | | | 600 | ug/Kg | 8260D |
| 4,4'-DDT | 19 | | | 3.9 | ug/Kg | 8081B |
| alpha-Chlordane | 6.8 | | | 1.9 | ug/Kg | 8081B |
| Aroclor 1242 | 2100 | | | 370 | ug/Kg | 8082A |
| Arsenic, Total | 4.5 | | | 1.1 | mg/Kg | 6010D |
| Barium, Total | 124 | | | 2.1 | mg/Kg | 6010D |
| beta-BHC | 60 | | | 1.9 | ug/Kg | 8081B |
| Cadmium, Total | 0.87 | | | 0.54 | mg/Kg | 6010D |
| Chromium, Total | 25.0 | | | 1.1 | mg/Kg | 6010D |
| Endosulfan I | 11 | | | 3.9 | ug/Kg | 8081B |
| Endrin Aldehyde | 21 | | | 1.9 | ug/Kg | 8081B |
| Endrin Aldehyde | 15 | | | 3.9 | ug/Kg | 8081B |
| Endrin Ketone | 21 | | | 3.9 | ug/Kg | 8081B |
| gamma-BHC (Lindane) | 14 | | | 1.9 | ug/Kg | 8081B |
| gamma-Chlordane | 30 | | | 3.9 | ug/Kg | 8081B |
| Heptachlor | 11 | | | 3.9 | ug/Kg | 8081B |
| Ignitability | Not Ignitable | | | | NONE | 1030 |
| Lead, Total | 256 | | | 5.4 | mg/Kg | 6010D |
| Mercury, Total | 1.50 | | | 0.067 | mg/Kg | 7471B |
| n-Butylbenzene | 1200 | | | 600 | ug/Kg | 8260D |
| pH | 7.88 | | | | pH Units | 9045D |
| Total Solids | 88.0 | | | | Percent | ALS SOP |

# Sample Receipt Information

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

**Client:** Sessler Environmental Services **Service Request:**R2407012
**Project:** Bisonite Paint BCP/24-E878

## SAMPLE CROSS-REFERENCE

| SAMPLE # | CLIENT SAMPLE ID | DATE | TIME |
|---|---|---|---|
| R2407012-001 | Drum Soil + Paint 2 | 7/29/2024 | 1300 |

# Chain of Custody / Analytical Request Form

73287

SRR:

Page: of

ALS

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 • +1 585 288 5380 • alsglobal.com

| Report To: | ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER |
|---|---|
| Company: Sessler Environmental | Project Name: Bisonite Paint BCP |
| Contact: Frank Thomas | Project Number: 24-E878 |
| Email: fthomas@sesslerenv.com | ALS Quote #: |
| Phone: 585-617-5710 | Sampler's Signature: Frank Thomas |
| Address: 1330 Research Forest | Email CC: fthomas@sesslerenv.com |
| Macedon, NY | Email CC: |
| | Water Samples Collected (State or Water): NY, MA, PA, CT, Other |

Preservative: 0 None; 1. HCl; 2. HNO3; 3. H2SO4; 4. NAOH; 5. Zn Acet; 6 MeOH; 7 NaHSO4; 8. Other

| Lab ID (ALS) | Sample Collection Information: Sample ID: | Date | Time | Matrix (GW, WW, SW, Dw, S, A, NA) | Number of Containers | MS/MSD? | GC/MS VOA (8260•624•524•TCLP) | GC/MS SVOA (8270 • 625 • TCLP) | Pesticides (608) • 608 • TCLP | PCBs 8082 • 608 | Herbicides (815) • TCLP | Metals, Total Select Below | Metals, Dissolved (Field Filtered) | Ignitability | Corrosivity | Reactivity | Percent Solids | | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Drum Soil + Paint 2 | 7/29 | 1300 | SW | 3 | | X | X | X | X | X | X | | X | X | X | X | | |
| | | | | | | | | | | | | | | | | | | | |
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Special Instructions / Comments:

RCRA Metals 8260 TCL
8270 TCL

* Rush

**Turnaround Requirements**

X Rush (Surcharges Apply)
*Subject to Availability*
*Please Check with your PM*

____ Standard (10 Business Days)

Date Required:

**Report Requirements**

____ Tier II/Cat A - Results/QC

____ Tier IV/Cat B Data Validation Report w/ Data

EDD: ____ Yes ____ No

EDD Type:

Metals: RCRA 8 • TAL 23 • TAL 23 • TCLP • Other: ____

VOA/SVOA Report List: TCL • STARS • TCLP • CP-51 • Other: ____

Invoice To: (: Same as Report To)

PO #:

| | Relinquished By: | Received By: | Relinquished By: | Received By: | Relinquished By: | Received By: |
|---|---|---|---|---|---|---|
| Signature | | | | | | |
| Printed Name | | | | | | |
| Company | | | | | | |
| Date/Time | | | | | | |

White: Lab Copy Yellow: Return to Originator

R2407012 5
Sessler Environmental Services
Bisonite Paint BCP

R2407012 5
Sessler Environmental Services
Bisonite Paint BCP

# Cooler Receipt and Preservation Check Form

Project/Client _____ Folder Number _____

Cooler received on 7/31/24 by: RDA

COURIER: (ALS) UPS FEDEX VELOCITY CLIENT

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1 | Were **Custody seals** on outside of cooler? | Y (N) | | 5a | Did **VOA** vials have sig* **bubbles?** | Y (N) NA | |
| 2 | **Custody papers** properly completed (ink, signed)? | (Y) N | | 5b | Sig* bubbles: **Alk?** | Y N (NA) | **Sulfide?** Y N (NA) |
| 3 | Did all bottles arrive in good **condition** (unbroken)? | (Y) N | | 6 | Where did the bottles originate? | (ALS/ROC) | CLIENT |
| 4 | Circle: **Wet Ice Dry Ice Gel packs** present? | (Y) (N) | | 7 | Soil VOA received as: | (Bulk) | Encore 5035set NA |

8. Temperature Readings Date: 7/31/24 Time: 1620 ID: IR#12 (IR#1) From: Temp Blank (Sample Bottle)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Temp (°C) | 29.9 | 6.3 | | | | | |
| Within 0-6°C? | Y (N) | Y (N) | Y N | Y N | Y N | Y N | Y N |
| If <0°C, were samples frozen? | Y N | Y N | Y N | Y N | Y N | Y N | Y N |

**If out of Temperature, note packing/ice condition:** _____ Ice melted Poorly Packed (described below) (Same Day Rule)*

**&Client Approval to Run Samples:** _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: SMo by RDA on 7/31/24 at 1622
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 7/31/24 Time: 1650 by: SES.

9. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? (YES) NO
10. Did all bottle labels and tags agree with custody papers? (YES) NO
11. Were correct containers used for the tests indicated? (YES) NO
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO (N/A)
13. Were dissolved metals filtered in the field? YES NO (N/A)
14. Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized Tedlar® Bags Inflated (N/A)

| pH | Lot of test paper | Reagent | Preserved? Yes | Preserved? No | Lot Received | Exp | Sample ID Adjusted | Vol Added | Lot Added | Final pH |
|---|---|---|---|---|---|---|---|---|---|---|
| ≥12 | | NaOH | | | | | | | | |
| ≤2 | | $HNO_3$ | | | | | | | | |
| ≤2 | | $H_2SO_4$ | | | | | | | | |
| <4 | | $NaHSO_4$ | | | | | | | | |
| 5-9 | | For 608pest | | | No=Notify for 3day | | | | | |
| Residual Chlorine (-) | | For CN, Phenol, 625, 608pest, 522 | | | If +, contact PM to add $Na_2S_2O_3$ (625, 608, CN), ascorbic (phenol). | | | | | |
| | | $Na_2S_2O_3$ | | | | | | | | |
| | | ZnAcetate | - | - | | | **VOAs and 1664 Not to be tested before analysis. Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives). | | | |
| | | HCl | ** | ** | | | | | | |

Bottle lot numbers: 052223 - ITW, 40818-06,

Explain all Discrepancies/ Other Comments:

2 Soil Samples had no ice

| | |
|---|---|
| HPROD | BULK |
| HTR | FLDT |
| SUB | HGFB |
| ALS | LL3541 |

Labels secondary reviewed by: SES *significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

# Miscellaneous Forms

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

# REPORT QUALIFIERS AND DEFINITIONS

| | |
|---|---|
| U | Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative. |
| J | Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors). |
| B | Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result. |
| E | Inorganics- Concentration is estimated due to the serial dilution was outside control limits. |
| E | Organics- Concentration has exceeded the calibration range for that specific analysis. |
| D | Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed. |
| * | Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time. |
| H | Analysis was performed out of hold time for tests that have an "immediate" hold time criteria. |
| # | Spike was diluted out. |
| + | Correlation coefficient for MSA is <0.995. |
| N | Inorganics- Matrix spike recovery was outside laboratory limits. |
| N | Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search. |
| S | Concentration has been determined using Method of Standard Additions (MSA). |
| W | Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance. |
| P | Concentration >40% difference between the two GC columns. |
| C | Confirmed by GC/MS |
| Q | DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns). |
| X | See Case Narrative for discussion. |
| MRL<br>LOQ | Method Reporting Limit. Also known as:<br>Limit of Quantitation (LOQ)<br>The lowest concentration at which the method analyte may be reliably quantified under the method conditions. |
| MDL | Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier). |
| LOD | Limit of Detection. A value at or above the MDL which has been verified to be detectable. |
| ND | Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier. |

## Rochester Lab ID # for State Accreditations[1]

| NELAP States |
|---|
| Florida ID # E87674 |
| New Hampshire ID # 2941 |
| New York ID # 10145 |
| Pennsylvania ID# 68-786 |
| Virginia #460167 |

| Non-NELAP States |
|---|
| Connecticut ID #PH0556 |
| Delaware Approved |
| Maine ID #NY01587 |
| North Carolina #36701 |
| North Carolina #676 |
| Rhode Island LAO00333 |

[1] Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory. To verify NH accredited analytes, go to https://www4.des.state.nh.us/CertifiedLabs/Certified-Method.aspx.

# ALS Laboratory Group

**Acronyms**

| | |
|---|---|
| ASTM | American Society for Testing and Materials |
| A2LA | American Association for Laboratory Accreditation |
| CARB | California Air Resources Board |
| CAS Number | Chemical Abstract Service registry Number |
| CFC | Chlorofluorocarbon |
| CFU | Colony-Forming Unit |
| DEC | Department of Environmental Conservation |
| DEQ | Department of Environmental Quality |
| DHS | Department of Health Services |
| DOE | Department of Ecology |
| DOH | Department of Health |
| EPA | U. S. Environmental Protection Agency |
| ELAP | Environmental Laboratory Accreditation Program |
| GC | Gas Chromatography |
| GC/MS | Gas Chromatography/Mass Spectrometry |
| LUFT | Leaking Underground Fuel Tank |
| M | Modified |
| MCL | Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA. |
| MDL | Method Detection Limit |
| MPN | Most Probable Number |
| MRL | Method Reporting Limit |
| NA | Not Applicable |
| NC | Not Calculated |
| NCASI | National Council of the Paper Industry for Air and Stream Improvement |
| ND | Not Detected |
| NIOSH | National Institute for Occupational Safety and Health |
| PQL | Practical Quantitation Limit |
| RCRA | Resource Conservation and Recovery Act |
| SIM | Selected Ion Monitoring |
| TPH | Total Petroleum Hydrocarbons |
| tr | Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL. |

**Client:** Sessler Environmental Services **Service Request:** R2407012
**Project:** Bisonite Paint BCP/24-E878

## Non-Certified Analytes

**Certifying Agency:** New York Department of Health

| Method | Matrix | Analyte |
|---|---|---|
| 8270E | Soil | 2,4-Dichlorophenol |
| ALS SOP | Soil | Total Solids |

**Client:** Sessler Environmental Services **Service Request:** R2407012
**Project:** Bisonite Paint BCP/24-E878

**Sample Name:** Drum Soil + Paint 2 **Date Collected:** 07/29/24
**Lab Code:** R2407012-001 **Date Received:** 07/31/24
**Sample Matrix:** Soil

| Analysis Method | Extracted/Digested By | Analyzed By |
|---|---|---|
| 1030 | | CWOODS |
| 6010D | NMANSEN | NMANSEN |
| 7471B | ECASTROVINCI | ECASTROVINCI |
| 8081B | JVANHEYNINGEN | AFELSER |
| 8082A | JVANHEYNINGEN | AFELSER |
| 8151A | JVANHEYNINGEN | AFELSER |
| 8260D | | KRUEST |
| 8270E | JVANHEYNINGEN | BALLGEIER |
| 9012B | GNITAJOUPPI | MROGERSON |
| 9034 | CCAMPBELL | SZOGBY |
| 9045D | | SBIRNBERG |
| ALS SOP | | MMISIUREWICZ |

**Sample Name:** Drum Soil + Paint 2 **Date Collected:** 07/29/24
**Lab Code:** R2407012-001.R01 **Date Received:** 07/31/24
**Sample Matrix:** Soil

| Analysis Method | Extracted/Digested By | Analyzed By |
|---|---|---|
| 8081B | JVANHEYNINGEN | AFELSER |
| 8082A | JVANHEYNINGEN | AFELSER |
| 8151A | JVANHEYNINGEN | AFELSER |

# PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

## INORGANIC

**Water/Liquid Matrix**

| Analytical Method | Preparation Method |
|---|---|
| 200.7 | 200.2 |
| 200.8 | 200.2 |
| 6010C or 6010D | 3005A/3010A |
| 6020A or 6020B | ILM05.3 |
| 9034 Sulfide Acid Soluble | 9030B |
| SM 4500-CN-N-2016 Amenable and Residual Cyanide | SM 4500-CN-G and SM 4500-CN-B,C-2016 |
| SM 4500-CN-E WAD Cyanide | SM 4500-CN-I |

**Solid/Soil/Non-Aqueous Matrix**

| Analytical Method | Preparation Method |
|---|---|
| 6010C or 6010D | 3050B |
| 6020A or 6020B | 3050B |
| 6010C or 6010D TCLP (1311) extract | 3005A/3010A |
| 6010C or 6010D SPLP (1312) extract | 3005A/3010A |
| 7199 | 3060A |
| 300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions | DI extraction |
| For analytical methods not listed, the preparation method is the same as the analytical method reference. | |

## ORGANIC

**Preparation Methods for Organic methods are listed in the header of the Results pages.**

**Regarding "Bulk/5035A":**
For soil/solid samples submitted in soil jars for Volatiles analysis, the prep method is listed as "Bulk/5035A". The lab follows the closed-system EPA 5035A protocols once the sample is transferred to a sealed vial, but collection in bulk in soil jars does not follow the collection protocols listed in EPA 5035A. In accordance with the NYSDOH technical notice of October 2012, all results or reporting limits <200 ug/kg are to be considered estimated due to potential low bias.

# Sample Results

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

# Volatile Organic Compounds by GC/MS

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407012 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 07/29/24 13:00 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 16:10 |
| **Sample Name:** | Drum Soil + Paint 2 | **Units:** | ug/Kg |
| **Lab Code:** | R2407012-001 | **Basis:** | Dry |

## Volatile Organic Compounds by GC/MS, Unp

**Analysis Method:** 8260D

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Q |
|---|---|---|---|---|---|
| 1,1,1-Trichloroethane (TCA) | 600 U | 600 | 105.5 | 08/07/24 16:33 | |
| 1,1-Dichloroethane (1,1-DCA) | 600 U | 600 | 105.5 | 08/07/24 16:33 | |
| 1,1-Dichloroethene (1,1-DCE) | 600 U | 600 | 105.5 | 08/07/24 16:33 | |
| 1,2,4-Trimethylbenzene | **1000** | 600 | 105.5 | 08/07/24 16:33 | |
| 1,2-Dichlorobenzene | 600 U | 600 | 105.5 | 08/07/24 16:33 | |
| 1,2-Dichloroethane | 600 U | 600 | 105.5 | 08/07/24 16:33 | |
| 1,3,5-Trimethylbenzene | 600 U | 600 | 105.5 | 08/07/24 16:33 | |
| 1,3-Dichlorobenzene | 600 U | 600 | 105.5 | 08/07/24 16:33 | |
| 1,4-Dichlorobenzene | 600 U | 600 | 105.5 | 08/07/24 16:33 | |
| 2-Butanone (MEK) | 600 U | 600 | 105.5 | 08/07/24 16:33 | |
| Acetone | 600 U | 600 | 105.5 | 08/07/24 16:33 | |
| Benzene | 600 U | 600 | 105.5 | 08/07/24 16:33 | |
| Carbon Tetrachloride | 600 U | 600 | 105.5 | 08/07/24 16:33 | |
| Chlorobenzene | 600 U | 600 | 105.5 | 08/07/24 16:33 | |
| Chloroform | 600 U | 600 | 105.5 | 08/07/24 16:33 | |
| Dichloromethane | 600 U | 600 | 105.5 | 08/07/24 16:33 | |
| Ethylbenzene | 600 U | 600 | 105.5 | 08/07/24 16:33 | |
| Methyl tert-Butyl Ether | 600 U | 600 | 105.5 | 08/07/24 16:33 | |
| Tetrachloroethene (PCE) | 600 U | 600 | 105.5 | 08/07/24 16:33 | |
| Toluene | 600 U | 600 | 105.5 | 08/07/24 16:33 | |
| Trichloroethene (TCE) | 600 U | 600 | 105.5 | 08/07/24 16:33 | |
| Vinyl Chloride | 600 U | 600 | 105.5 | 08/07/24 16:33 | |
| cis-1,2-Dichloroethene | 600 U | 600 | 105.5 | 08/07/24 16:33 | |
| m,p-Xylenes | 1200 U | 1200 | 105.5 | 08/07/24 16:33 | |
| n-Butylbenzene | **1200** | 600 | 105.5 | 08/07/24 16:33 | |
| n-Propylbenzene | 600 U | 600 | 105.5 | 08/07/24 16:33 | |
| o-Xylene | 600 U | 600 | 105.5 | 08/07/24 16:33 | |
| sec-Butylbenzene | 600 U | 600 | 105.5 | 08/07/24 16:33 | |
| tert-Butylbenzene | 600 U | 600 | 105.5 | 08/07/24 16:33 | |
| trans-1,2-Dichloroethene | 600 U | 600 | 105.5 | 08/07/24 16:33 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 4-Bromofluorobenzene | 92 | 31 - 154 | 08/07/24 16:33 | |
| Dibromofluoromethane | 96 | 63 - 138 | 08/07/24 16:33 | |
| Toluene-d8 | 104 | 66 - 138 | 08/07/24 16:33 | |

# Semivolatile Organic Compounds by GC/MS

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407012 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 07/29/24 13:00 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 16:10 |
| **Sample Name:** | Drum Soil + Paint 2 | **Units:** | ug/Kg |
| **Lab Code:** | R2407012-001 | **Basis:** | Dry |

**Semivolatile Organic Compounds by GC/MS using Microwave Digestion**

**Analysis Method:** 8270E
**Prep Method:** EPA 3546

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 1,2,4,5-Tetrachlorobenzene | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| 2,3,4,6-Tetrachlorophenol | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| 2,4,5-Trichlorophenol | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| 2,4,6-Trichlorophenol | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| 2,4-Dichlorophenol | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| 2,4-Dimethylphenol | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| 2,4-Dinitrophenol | 1900 U | 1900 | 1 | 08/07/24 16:14 | 8/1/24 | |
| 2,4-Dinitrotoluene | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| 2,6-Dinitrotoluene | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| 2-Chloronaphthalene | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| 2-Chlorophenol | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| 2-Methylnaphthalene | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| 2-Methylphenol | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| 2-Nitroaniline | 1900 U | 1900 | 1 | 08/07/24 16:14 | 8/1/24 | |
| 2-Nitrophenol | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| 3,3'-Dichlorobenzidine | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| 3- and 4-Methylphenol Coelution | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| 3-Nitroaniline | 1900 U | 1900 | 1 | 08/07/24 16:14 | 8/1/24 | |
| 4,6-Dinitro-2-methylphenol | 1900 U | 1900 | 1 | 08/07/24 16:14 | 8/1/24 | |
| 4-Bromophenyl Phenyl Ether | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| 4-Chloro-3-methylphenol | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| 4-Chloroaniline | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| 4-Chlorophenyl Phenyl Ether | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| 4-Nitroaniline | 1900 U | 1900 | 1 | 08/07/24 16:14 | 8/1/24 | |
| 4-Nitrophenol | 1900 U | 1900 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Acenaphthene | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Acenaphthylene | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Acetophenone | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Anthracene | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Atrazine | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Benz(a)anthracene | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Benzaldehyde | 1900 U | 1900 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Benzo(a)pyrene | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Benzo(b)fluoranthene | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Benzo(g,h,i)perylene | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Benzo(k)fluoranthene | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Biphenyl | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| 2,2'-Oxybis(1-chloropropane) | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Bis(2-chloroethoxy)methane | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Bis(2-chloroethyl) Ether | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Bis(2-ethylhexyl) Phthalate | 560 U | 560 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Butyl Benzyl Phthalate | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Caprolactam | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407012 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 07/29/24 13:00 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 16:10 |
| **Sample Name:** | Drum Soil + Paint 2 | **Units:** | ug/Kg |
| **Lab Code:** | R2407012-001 | **Basis:** | Dry |

## Semivolatile Organic Compounds by GC/MS using Microwave Digestion

**Analysis Method:** 8270E
**Prep Method:** EPA 3546

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| Carbazole | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Chrysene | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Di-n-butyl Phthalate | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Di-n-octyl Phthalate | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Dibenz(a,h)anthracene | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Dibenzofuran | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Diethyl Phthalate | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Dimethyl Phthalate | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Fluoranthene | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Fluorene | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Hexachlorobenzene | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Hexachlorobutadiene | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Hexachlorocyclopentadiene | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Hexachloroethane | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Indeno(1,2,3-cd)pyrene | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Isophorone | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| N-Nitrosodi-n-propylamine | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| N-Nitrosodiphenylamine | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Naphthalene | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Nitrobenzene | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Pentachlorophenol (PCP) | 1900 U | 1900 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Phenanthrene | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Phenol | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |
| Pyrene | 370 U | 370 | 1 | 08/07/24 16:14 | 8/1/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 2,4,6-Tribromophenol | 40 | 18 - 123 | 08/07/24 16:14 | |
| 2-Fluorobiphenyl | 30 | 18 - 104 | 08/07/24 16:14 | |
| 2-Fluorophenol | 30 | 13 - 96 | 08/07/24 16:14 | |
| Nitrobenzene-d5 | 25 | 12 - 98 | 08/07/24 16:14 | |
| Phenol-d6 | 29 | 16 - 95 | 08/07/24 16:14 | |
| Terphenyl-d14 | 36 | 26 - 134 | 08/07/24 16:14 | |

# Semivolatile Organic Compounds by GC

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| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407012 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 07/29/24 13:00 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 16:10 |
| **Sample Name:** | Drum Soil + Paint 2 | **Units:** | ug/Kg |
| **Lab Code:** | R2407012-001 | **Basis:** | Dry |

## Organochlorine Pesticides by Gas Chromatography using Microwave Extraction

**Analysis Method:** 8081B
**Prep Method:** EPA 3546

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 4,4'-DDD | 1.9 U | 1.9 | 1 | 08/06/24 18:26 | 8/1/24 | |
| 4,4'-DDE | 1.9 U | 1.9 | 1 | 08/06/24 18:26 | 8/1/24 | |
| 4,4'-DDT | 1.9 U | 1.9 | 1 | 08/06/24 18:26 | 8/1/24 | |
| Aldrin | 1.9 U | 1.9 | 1 | 08/06/24 18:26 | 8/1/24 | |
| Dieldrin | 1.9 U | 1.9 | 1 | 08/06/24 18:26 | 8/1/24 | |
| Endosulfan I | 1.9 U | 1.9 | 1 | 08/06/24 18:26 | 8/1/24 | |
| Endosulfan II | 1.9 U | 1.9 | 1 | 08/06/24 18:26 | 8/1/24 | |
| Endosulfan Sulfate | 1.9 U | 1.9 | 1 | 08/06/24 18:26 | 8/1/24 | |
| Endrin | 1.9 U | 1.9 | 1 | 08/06/24 18:26 | 8/1/24 | |
| Endrin Aldehyde | **21** | 1.9 | 1 | 08/06/24 18:26 | 8/1/24 | |
| Endrin Ketone | 1.9 U | 1.9 | 1 | 08/06/24 18:26 | 8/1/24 | |
| Heptachlor | 1.9 U | 1.9 | 1 | 08/06/24 18:26 | 8/1/24 | |
| Heptachlor Epoxide | 1.9 U | 1.9 | 1 | 08/06/24 18:26 | 8/1/24 | |
| Methoxychlor | 1.9 U | 1.9 | 1 | 08/06/24 18:26 | 8/1/24 | |
| Toxaphene | 37 U | 37 | 1 | 08/06/24 18:26 | 8/1/24 | |
| alpha-BHC | 1.9 U | 1.9 | 1 | 08/06/24 18:26 | 8/1/24 | |
| alpha-Chlordane | **6.8** | 1.9 | 1 | 08/06/24 18:26 | 8/1/24 | |
| beta-BHC | **60** | 1.9 | 1 | 08/06/24 18:26 | 8/1/24 | |
| delta-BHC | 1.9 U | 1.9 | 1 | 08/06/24 18:26 | 8/1/24 | |
| gamma-BHC (Lindane) | **14** | 1.9 | 1 | 08/06/24 18:26 | 8/1/24 | |
| gamma-Chlordane | 1.9 U | 1.9 | 1 | 08/06/24 18:26 | 8/1/24 | |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407012 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 07/29/24 13:00 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 16:10 |
| **Sample Name:** | Drum Soil + Paint 2 | **Units:** | ug/Kg |
| **Lab Code:** | R2407012-001 | **Basis:** | Dry |

## Organochlorine Pesticides by Gas Chromatography using Microwave Extraction

**Analysis Method:** 8081B
**Prep Method:** EPA 3546

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Decachlorobiphenyl | 307 * | 10 - 159 | 08/06/24 18:26 | * |
| Tetrachloro-m-xylene | 53 | 10 - 132 | 08/06/24 18:26 | |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407012 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 07/29/24 13:00 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 16:10 |
| **Sample Name:** | Drum Soil + Paint 2 | **Units:** | ug/Kg |
| **Lab Code:** | R2407012-001 | **Basis:** | Dry |

## Organochlorine Pesticides by Gas Chromatography using Microwave Extraction

**Analysis Method:** 8081B
**Prep Method:** EPA 3546

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 4,4'-DDD | 3.9 U | 3.9 | 2 | 08/15/24 12:41 | 8/9/24 | |
| 4,4'-DDE | 3.9 U | 3.9 | 2 | 08/15/24 12:41 | 8/9/24 | |
| 4,4'-DDT | **19** | 3.9 | 2 | 08/15/24 12:41 | 8/9/24 | |
| Aldrin | 3.9 U | 3.9 | 2 | 08/15/24 12:41 | 8/9/24 | |
| Dieldrin | 3.9 U | 3.9 | 2 | 08/15/24 12:41 | 8/9/24 | |
| Endosulfan I | **11** | 3.9 | 2 | 08/15/24 12:41 | 8/9/24 | |
| Endosulfan II | 3.9 U | 3.9 | 2 | 08/15/24 12:41 | 8/9/24 | |
| Endosulfan Sulfate | 3.9 U | 3.9 | 2 | 08/15/24 12:41 | 8/9/24 | |
| Endrin | 3.9 U | 3.9 | 2 | 08/15/24 12:41 | 8/9/24 | |
| Endrin Aldehyde | **15** | 3.9 | 2 | 08/15/24 12:41 | 8/9/24 | |
| Endrin Ketone | **21** | 3.9 | 2 | 08/15/24 12:41 | 8/9/24 | |
| Heptachlor | **11** | 3.9 | 2 | 08/15/24 12:41 | 8/9/24 | |
| Heptachlor Epoxide | 3.9 U | 3.9 | 2 | 08/15/24 12:41 | 8/9/24 | |
| Methoxychlor | 3.9 U | 3.9 | 2 | 08/15/24 12:41 | 8/9/24 | |
| Toxaphene | 75 U | 75 | 2 | 08/15/24 12:41 | 8/9/24 | |
| alpha-BHC | 3.9 U | 3.9 | 2 | 08/15/24 12:41 | 8/9/24 | |
| alpha-Chlordane | 3.9 U | 3.9 | 2 | 08/15/24 12:41 | 8/9/24 | |
| beta-BHC | 3.9 U | 3.9 | 2 | 08/15/24 12:41 | 8/9/24 | |
| delta-BHC | 3.9 U | 3.9 | 2 | 08/15/24 12:41 | 8/9/24 | |
| gamma-BHC (Lindane) | 3.9 U | 3.9 | 2 | 08/15/24 12:41 | 8/9/24 | |
| gamma-Chlordane | **30** | 3.9 | 2 | 08/15/24 12:41 | 8/9/24 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407012 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 07/29/24 13:00 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 16:10 |
| **Sample Name:** | Drum Soil + Paint 2 | **Units:** | ug/Kg |
| **Lab Code:** | R2407012-001 | **Basis:** | Dry |

**Organochlorine Pesticides by Gas Chromatography using Microwave Extraction**

**Analysis Method:** 8081B
**Prep Method:** EPA 3546

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Decachlorobiphenyl | 444 * | 10 - 159 | 08/15/24 12:41 | * |
| Tetrachloro-m-xylene | 81 | 10 - 132 | 08/15/24 12:41 | |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407012 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 07/29/24 13:00 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 16:10 |
| **Sample Name:** | Drum Soil + Paint 2 | **Units:** | ug/Kg |
| **Lab Code:** | R2407012-001 | **Basis:** | Dry |

## Polychlorinated Biphenyls (PCBs) by GC using Microwave Extraction

**Analysis Method:** 8082A
**Prep Method:** EPA 3546

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| Aroclor 1016 | 370 U | 370 | 10 | 08/08/24 11:39 | 8/1/24 | |
| Aroclor 1221 | 750 U | 750 | 10 | 08/08/24 11:39 | 8/1/24 | |
| Aroclor 1232 | 370 U | 370 | 10 | 08/08/24 11:39 | 8/1/24 | |
| Aroclor 1242 | **2100** | 370 | 10 | 08/08/24 11:39 | 8/1/24 | |
| Aroclor 1248 | 370 U | 370 | 10 | 08/08/24 11:39 | 8/1/24 | |
| Aroclor 1254 | 370 U | 370 | 10 | 08/08/24 11:39 | 8/1/24 | |
| Aroclor 1260 | 370 U | 370 | 10 | 08/08/24 11:39 | 8/1/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Decachlorobiphenyl | 203 * | 10 - 138 | 08/08/24 11:39 | * |
| Tetrachloro-m-xylene | 64 | 11 - 122 | 08/08/24 11:39 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407012 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 07/29/24 13:00 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 16:10 |
| **Sample Name:** | Drum Soil + Paint 2 | **Units:** | ug/Kg |
| **Lab Code:** | R2407012-001 | **Basis:** | Dry |

## Chlorinated Herbicides by GC

**Analysis Method:** 8151A
**Prep Method:** Method

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 2,4,5-T | 11 U | 11 | 1 | 08/07/24 03:38 | 8/2/24 | |
| 2,4,5-TP | 11 U | 11 | 1 | 08/07/24 03:38 | 8/2/24 | |
| 2,4-D | 11 U | 11 | 1 | 08/07/24 03:38 | 8/2/24 | |
| Dicamba | 11 U | 11 | 1 | 08/07/24 03:38 | 8/2/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 2,4-Dichlorophenylacetic Acid | 0 * | 10 - 151 | 08/07/24 03:38 | * |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407012 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 07/29/24 13:00 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 16:10 |
| **Sample Name:** | Drum Soil + Paint 2 | **Units:** | ug/Kg |
| **Lab Code:** | R2407012-001 | **Basis:** | Dry |

## Chlorinated Herbicides by GC

**Analysis Method:** 8151A
**Prep Method:** Method

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 2,4,5-T | 11 U | 11 | 1 | 08/14/24 17:31 | 8/8/24 | |
| 2,4,5-TP | 11 U | 11 | 1 | 08/14/24 17:31 | 8/8/24 | |
| 2,4-D | 11 U | 11 | 1 | 08/14/24 17:31 | 8/8/24 | |
| Dicamba | 11 U | 11 | 1 | 08/14/24 17:31 | 8/8/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 2,4-Dichlorophenylacetic Acid | 0 * | 10 - 151 | 08/14/24 17:31 | * |

# Metals

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| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407012 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 07/29/24 13:00 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 16:10 |
| **Sample Name:** | Drum Soil + Paint 2 | **Basis:** | Dry |
| **Lab Code:** | R2407012-001 | | |

## Inorganic Parameters

| Analyte Name | Analysis Method | Result | Units | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|
| Arsenic, Total | 6010D | **4.5** | mg/Kg | 1.1 | 1 | 08/06/24 18:54 | 08/05/24 | |
| Barium, Total | 6010D | **124** | mg/Kg | 2.1 | 1 | 08/06/24 18:54 | 08/05/24 | |
| Cadmium, Total | 6010D | **0.87** | mg/Kg | 0.54 | 1 | 08/06/24 18:54 | 08/05/24 | |
| Chromium, Total | 6010D | **25.0** | mg/Kg | 1.1 | 1 | 08/06/24 18:54 | 08/05/24 | |
| Lead, Total | 6010D | **256** | mg/Kg | 5.4 | 1 | 08/06/24 18:54 | 08/05/24 | |
| Mercury, Total | 7471B | **1.50** | mg/Kg | 0.067 | 3 | 08/02/24 11:54 | 08/01/24 | |
| Selenium, Total | 6010D | 1.1 U | mg/Kg | 1.1 | 1 | 08/06/24 18:54 | 08/05/24 | |
| Silver, Total | 6010D | 1.1 U | mg/Kg | 1.1 | 1 | 08/06/24 18:54 | 08/05/24 | |

# General Chemistry

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Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407012 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 07/29/24 13:00 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 16:10 |
| **Sample Name:** | Drum Soil + Paint 2 | **Basis:** | Dry |
| **Lab Code:** | R2407012-001 | | |

## Inorganic Parameters

| Analyte Name | Analysis Method | Result | | Units | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide, Reactive as Total | 9012B | 0.28 | U | mg/Kg | 0.28 | 1 | 08/01/24 21:45 | 08/01/24 | |
| Sulfide Reactive as Total | 9034 | 23 | U | mg/Kg | 23 | 1 | 08/02/24 16:30 | 08/02/24 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407012 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 07/29/24 13:00 |
| **Sample Matrix:** | Soil | **Date Received:** | 07/31/24 16:10 |
| **Sample Name:** | Drum Soil + Paint 2 | **Basis:** | As Received |
| **Lab Code:** | R2407012-001 | | |

## Inorganic Parameters

| Analyte Name | Analysis Method | Result | Units | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|
| Ignitability | 1030 | **Not Ignitable** | NONE | - | 1 | 08/07/24 11:00 | NA | |
| pH | 9045D | **7.88** | pH Units | - | 1 | 08/05/24 14:27 | NA | H |
| Total Solids | ALS SOP | **88.0** | Percent | - | 1 | 08/06/24 11:21 | NA | |

# QC Summary Forms

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# Volatile Organic Compounds by GC/MS

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**Client:** Sessler Environmental Services **Service Request:** R2407012
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## Volatile Organic Compounds by GC/MS, Unp

**Analysis Method:** 8260D

| Sample Name | Lab Code | 4-Bromofluorobenzene 31 - 154 | Dibromofluoromethane 63 - 138 | Toluene-d8 66 - 138 |
|---|---|---|---|---|
| Drum Soil + Paint 2 | R2407012-001 | 92 | 96 | 104 |
| Lab Control Sample | RQ2409560-02 | 101 | 104 | 103 |
| Method Blank | RQ2409560-03 | 100 | 97 | 103 |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407012 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/Kg |
| **Lab Code:** | RQ2409560-03 | **Basis:** | Dry |

**Volatile Organic Compounds by GC/MS, Unp**

**Analysis Method:** 8260D

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Q |
|---|---|---|---|---|---|
| 1,1,1-Trichloroethane (TCA) | 250 U | 250 | 50 | 08/07/24 12:38 | |
| 1,1-Dichloroethane (1,1-DCA) | 250 U | 250 | 50 | 08/07/24 12:38 | |
| 1,1-Dichloroethene (1,1-DCE) | 250 U | 250 | 50 | 08/07/24 12:38 | |
| 1,2,4-Trimethylbenzene | 250 U | 250 | 50 | 08/07/24 12:38 | |
| 1,2-Dichlorobenzene | 250 U | 250 | 50 | 08/07/24 12:38 | |
| 1,2-Dichloroethane | 250 U | 250 | 50 | 08/07/24 12:38 | |
| 1,3,5-Trimethylbenzene | 250 U | 250 | 50 | 08/07/24 12:38 | |
| 1,3-Dichlorobenzene | 250 U | 250 | 50 | 08/07/24 12:38 | |
| 1,4-Dichlorobenzene | 250 U | 250 | 50 | 08/07/24 12:38 | |
| 2-Butanone (MEK) | 250 U | 250 | 50 | 08/07/24 12:38 | |
| Acetone | 250 U | 250 | 50 | 08/07/24 12:38 | |
| Benzene | 250 U | 250 | 50 | 08/07/24 12:38 | |
| Carbon Tetrachloride | 250 U | 250 | 50 | 08/07/24 12:38 | |
| Chlorobenzene | 250 U | 250 | 50 | 08/07/24 12:38 | |
| Chloroform | 250 U | 250 | 50 | 08/07/24 12:38 | |
| Dichloromethane | 250 U | 250 | 50 | 08/07/24 12:38 | |
| Ethylbenzene | 250 U | 250 | 50 | 08/07/24 12:38 | |
| Methyl tert-Butyl Ether | 250 U | 250 | 50 | 08/07/24 12:38 | |
| Tetrachloroethene (PCE) | 250 U | 250 | 50 | 08/07/24 12:38 | |
| Toluene | 250 U | 250 | 50 | 08/07/24 12:38 | |
| Trichloroethene (TCE) | 250 U | 250 | 50 | 08/07/24 12:38 | |
| Vinyl Chloride | 250 U | 250 | 50 | 08/07/24 12:38 | |
| cis-1,2-Dichloroethene | 250 U | 250 | 50 | 08/07/24 12:38 | |
| m,p-Xylenes | 500 U | 500 | 50 | 08/07/24 12:38 | |
| n-Butylbenzene | 250 U | 250 | 50 | 08/07/24 12:38 | |
| n-Propylbenzene | 250 U | 250 | 50 | 08/07/24 12:38 | |
| o-Xylene | 250 U | 250 | 50 | 08/07/24 12:38 | |
| sec-Butylbenzene | 250 U | 250 | 50 | 08/07/24 12:38 | |
| tert-Butylbenzene | 250 U | 250 | 50 | 08/07/24 12:38 | |
| trans-1,2-Dichloroethene | 250 U | 250 | 50 | 08/07/24 12:38 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 4-Bromofluorobenzene | 100 | 31 - 154 | 08/07/24 12:38 | |
| Dibromofluoromethane | 97 | 63 - 138 | 08/07/24 12:38 | |
| Toluene-d8 | 103 | 66 - 138 | 08/07/24 12:38 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

**Service Request:** R2407012
**Date Analyzed:** 08/07/24

## Lab Control Sample Summary
## Volatile Organic Compounds by GC/MS, Unp

**Units:**ug/Kg
**Basis:**Dry

### Lab Control Sample
RQ2409560-02

| Analyte Name | Analytical Method | Result | Spike Amount | % Rec | % Rec Limits |
|---|---|---|---|---|---|
| 1,1,1-Trichloroethane (TCA) | 8260D | 18.6 | 20.0 | 93 | 68-123 |
| 1,1-Dichloroethane (1,1-DCA) | 8260D | 19.1 | 20.0 | 95 | 76-123 |
| 1,1-Dichloroethene (1,1-DCE) | 8260D | 18.9 | 20.0 | 95 | 67-147 |
| 1,2,4-Trimethylbenzene | 8260D | 18.9 | 20.0 | 94 | 67-121 |
| 1,2-Dichlorobenzene | 8260D | 19.2 | 20.0 | 96 | 75-116 |
| 1,2-Dichloroethane | 8260D | 18.7 | 20.0 | 94 | 74-116 |
| 1,3,5-Trimethylbenzene | 8260D | 18.8 | 20.0 | 94 | 66-122 |
| 1,3-Dichlorobenzene | 8260D | 19.4 | 20.0 | 97 | 72-118 |
| 1,4-Dichlorobenzene | 8260D | 19.5 | 20.0 | 98 | 72-117 |
| 2-Butanone (MEK) | 8260D | 14.5 | 20.0 | 72 | 67-129 |
| Acetone | 8260D | 13.5 | 20.0 | 67 | 32-154 |
| Benzene | 8260D | 19.1 | 20.0 | 96 | 77-114 |
| Carbon Tetrachloride | 8260D | 17.1 | 20.0 | 85 | 51-123 |
| Chlorobenzene | 8260D | 18.5 | 20.0 | 92 | 79-115 |
| Chloroform | 8260D | 18.5 | 20.0 | 92 | 76-115 |
| Dichloromethane | 8260D | 19.4 | 20.0 | 97 | 72-118 |
| Ethylbenzene | 8260D | 19.4 | 20.0 | 97 | 64-118 |
| Methyl tert-Butyl Ether | 8260D | 18.3 | 20.0 | 92 | 76-118 |
| Tetrachloroethene (PCE) | 8260D | 19.4 | 20.0 | 97 | 58-124 |
| Toluene | 8260D | 18.8 | 20.0 | 94 | 72-116 |
| Trichloroethene (TCE) | 8260D | 18.5 | 20.0 | 93 | 69-118 |
| Vinyl Chloride | 8260D | 16.5 | 20.0 | 82 | 59-153 |
| cis-1,2-Dichloroethene | 8260D | 19.0 | 20.0 | 95 | 79-113 |
| m,p-Xylenes | 8260D | 39.3 | 40.0 | 98 | 68-118 |
| n-Butylbenzene | 8260D | 20.0 | 20.0 | 100 | 54-131 |
| n-Propylbenzene | 8260D | 19.0 | 20.0 | 95 | 59-126 |
| o-Xylene | 8260D | 19.2 | 20.0 | 96 | 71-116 |
| sec-Butylbenzene | 8260D | 19.2 | 20.0 | 96 | 54-128 |
| tert-Butylbenzene | 8260D | 19.0 | 20.0 | 95 | 58-123 |
| trans-1,2-Dichloroethene | 8260D | 17.9 | 20.0 | 90 | 73-114 |

# Semivolatile Organic Compounds by GC/MS

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

**Client:** Sessler Environmental Services **Service Request:** R2407012
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY

## Semivolatile Organic Compounds by GC/MS using Microwave Digestion

**Analysis Method:** 8270E
**Extraction Method:** EPA 3546

| Sample Name | Lab Code | 2,4,6-Tribromophenol 18 - 123 | 2-Fluorobiphenyl 18 - 104 | 2-Fluorophenol 13 - 96 |
|---|---|---|---|---|
| Drum Soil + Paint 2 | R2407012-001 | 40 | 30 | 30 |
| Method Blank | RQ2409272-01 | 84 | 76 | 63 |
| Lab Control Sample | RQ2409272-02 | 117 | 85 | 71 |
| Duplicate Lab Control Sample | RQ2409272-03 | 106 | 78 | 67 |

**Client:** Sessler Environmental Services **Service Request:** R2407012
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY

### Semivolatile Organic Compounds by GC/MS using Microwave Digestion

**Analysis Method:** 8270E
**Extraction Method:** EPA 3546

| Sample Name | Lab Code | Nitrobenzene-d5 12 - 98 | Phenol-d6 16 - 95 | Terphenyl-d14 26 - 134 |
|---|---|---|---|---|
| Drum Soil + Paint 2 | R2407012-001 | 25 | 29 | 36 |
| Method Blank | RQ2409272-01 | 66 | 62 | 94 |
| Lab Control Sample | RQ2409272-02 | 74 | 74 | 88 |
| Duplicate Lab Control Sample | RQ2409272-03 | 70 | 68 | 80 |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407012 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/Kg |
| **Lab Code:** | RQ2409272-01 | **Basis:** | Dry |

**Semivolatile Organic Compounds by GC/MS using Microwave Digestion**

**Analysis Method:** 8270E
**Prep Method:** EPA 3546

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 1,2,4,5-Tetrachlorobenzene | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| 2,3,4,6-Tetrachlorophenol | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| 2,4,5-Trichlorophenol | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| 2,4,6-Trichlorophenol | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| 2,4-Dichlorophenol | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| 2,4-Dimethylphenol | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| 2,4-Dinitrophenol | 1700 U | 1700 | 1 | 08/07/24 15:01 | 8/1/24 | |
| 2,4-Dinitrotoluene | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| 2,6-Dinitrotoluene | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| 2-Chloronaphthalene | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| 2-Chlorophenol | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| 2-Methylnaphthalene | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| 2-Methylphenol | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| 2-Nitroaniline | 1700 U | 1700 | 1 | 08/07/24 15:01 | 8/1/24 | |
| 2-Nitrophenol | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| 3,3'-Dichlorobenzidine | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| 3- and 4-Methylphenol Coelution | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| 3-Nitroaniline | 1700 U | 1700 | 1 | 08/07/24 15:01 | 8/1/24 | |
| 4,6-Dinitro-2-methylphenol | 1700 U | 1700 | 1 | 08/07/24 15:01 | 8/1/24 | |
| 4-Bromophenyl Phenyl Ether | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| 4-Chloro-3-methylphenol | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| 4-Chloroaniline | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| 4-Chlorophenyl Phenyl Ether | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| 4-Nitroaniline | 1700 U | 1700 | 1 | 08/07/24 15:01 | 8/1/24 | |
| 4-Nitrophenol | 1700 U | 1700 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Acenaphthene | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Acenaphthylene | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Acetophenone | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Anthracene | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Atrazine | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Benz(a)anthracene | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Benzaldehyde | 1700 U | 1700 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Benzo(a)pyrene | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Benzo(b)fluoranthene | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Benzo(g,h,i)perylene | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Benzo(k)fluoranthene | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Biphenyl | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| 2,2'-Oxybis(1-chloropropane) | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Bis(2-chloroethoxy)methane | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Bis(2-chloroethyl) Ether | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Bis(2-ethylhexyl) Phthalate | 500 U | 500 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Butyl Benzyl Phthalate | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Caprolactam | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407012 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/Kg |
| **Lab Code:** | RQ2409272-01 | **Basis:** | Dry |

## Semivolatile Organic Compounds by GC/MS using Microwave Digestion

**Analysis Method:** 8270E
**Prep Method:** EPA 3546

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| Carbazole | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Chrysene | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Di-n-butyl Phthalate | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Di-n-octyl Phthalate | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Dibenz(a,h)anthracene | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Dibenzofuran | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Diethyl Phthalate | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Dimethyl Phthalate | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Fluoranthene | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Fluorene | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Hexachlorobenzene | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Hexachlorobutadiene | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Hexachlorocyclopentadiene | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Hexachloroethane | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Indeno(1,2,3-cd)pyrene | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Isophorone | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| N-Nitrosodi-n-propylamine | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| N-Nitrosodiphenylamine | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Naphthalene | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Nitrobenzene | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Pentachlorophenol (PCP) | 1700 U | 1700 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Phenanthrene | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Phenol | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |
| Pyrene | 330 U | 330 | 1 | 08/07/24 15:01 | 8/1/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 2,4,6-Tribromophenol | 84 | 18 - 123 | 08/07/24 15:01 | |
| 2-Fluorobiphenyl | 76 | 18 - 104 | 08/07/24 15:01 | |
| 2-Fluorophenol | 63 | 13 - 96 | 08/07/24 15:01 | |
| Nitrobenzene-d5 | 66 | 12 - 98 | 08/07/24 15:01 | |
| Phenol-d6 | 62 | 16 - 95 | 08/07/24 15:01 | |
| Terphenyl-d14 | 94 | 26 - 134 | 08/07/24 15:01 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

**Service Request:** R2407012
**Date Analyzed:** 08/07/24

## Duplicate Lab Control Sample Summary
## Semivolatile Organic Compounds by GC/MS using Microwave Digestion

**Units:**ug/Kg
**Basis:**Dry

| | | Lab Control Sample | | | Duplicate Lab Control Sample | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | RQ2409272-02 | | | RQ2409272-03 | | | | | |
| **Analyte Name** | **Analytical Method** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| 1,2,4,5-Tetrachlorobenzene | 8270E | 1460 | 1730 | 84 | 1420 | 1770 | 81 | 20-126 | 2 | 30 |
| 2,3,4,6-Tetrachlorophenol | 8270E | 3520 | 3270 | 108 | 3360 | 3350 | 100 | 42-117 | 5 | 30 |
| 2,4,5-Trichlorophenol | 8270E | 3330 | 3270 | 102 | 3210 | 3350 | 96 | 40-114 | 4 | 30 |
| 2,4,6-Trichlorophenol | 8270E | 3270 | 3270 | 100 | 3060 | 3350 | 91 | 33-108 | 7 | 30 |
| 2,4-Dichlorophenol | 8270E | 2850 | 3270 | 87 | 2680 | 3350 | 80 | 30-103 | 6 | 30 |
| 2,4-Dimethylphenol | 8270E | 1570 | 3270 | 48 | 1280 | 3350 | 38 | 32-100 | 20 | 30 |
| 2,4-Dinitrophenol | 8270E | 3370 | 3270 | 103 * | 3280 | 3350 | 98 * | 10-97 | 3 | 30 |
| 2,4-Dinitrotoluene | 8270E | 3280 | 3270 | 100 | 3120 | 3350 | 93 | 53-120 | 5 | 30 |
| 2,6-Dinitrotoluene | 8270E | 3640 | 3270 | 111 | 3470 | 3350 | 104 | 48-119 | 5 | 30 |
| 2-Chloronaphthalene | 8270E | 2850 | 3270 | 87 | 2700 | 3350 | 81 | 33-103 | 5 | 30 |
| 2-Chlorophenol | 8270E | 2360 | 3270 | 72 | 2290 | 3350 | 68 | 26-90 | 3 | 30 |
| 2-Methylnaphthalene | 8270E | 2700 | 3270 | 83 | 2570 | 3350 | 77 | 29-99 | 5 | 30 |
| 2-Methylphenol | 8270E | 2530 | 3270 | 77 | 2360 | 3350 | 70 | 33-99 | 7 | 30 |
| 2-Nitroaniline | 8270E | 2890 | 3270 | 88 | 2780 | 3350 | 83 | 41-119 | 4 | 30 |
| 2-Nitrophenol | 8270E | 2720 | 3270 | 83 | 2680 | 3350 | 80 | 24-98 | 2 | 30 |
| 3- and 4-Methylphenol Coelution | 8270E | 2470 | 3270 | 75 | 2310 | 3350 | 69 | 32-100 | 7 | 30 |
| 3-Nitroaniline | 8270E | 955 J | 3270 | 29 | 1070 J | 3350 | 32 | 29-105 | 12 | 30 |
| 4,6-Dinitro-2-methylphenol | 8270E | 3480 | 3270 | 106 * | 3380 | 3350 | 101 | 20-105 | 3 | 30 |
| 4-Bromophenyl Phenyl Ether | 8270E | 3280 | 3270 | 100 | 3120 | 3350 | 93 | 37-116 | 5 | 30 |
| 4-Chloro-3-methylphenol | 8270E | 2840 | 3270 | 87 | 2630 | 3350 | 78 | 40-116 | 8 | 30 |
| 4-Chloroaniline | 8270E | 633 | 3270 | 19 | 664 | 3350 | 20 | 10-87 | 5 | 30 |
| 4-Chlorophenyl Phenyl Ether | 8270E | 3170 | 3270 | 97 | 2950 | 3350 | 88 | 42-111 | 7 | 30 |
| 4-Nitroaniline | 8270E | 1670 J | 3270 | 51 | 1690 J | 3350 | 51 | 43-120 | 1 | 30 |
| 4-Nitrophenol | 8270E | 2340 | 3270 | 71 | 2220 | 3350 | 66 | 34-116 | 5 | 30 |
| Acenaphthene | 8270E | 2930 | 3270 | 90 | 2740 | 3350 | 82 | 41-110 | 7 | 30 |
| Acenaphthylene | 8270E | 2940 | 3270 | 90 | 2770 | 3350 | 83 | 44-122 | 6 | 30 |
| Acetophenone | 8270E | 2250 | 3270 | 69 | 2210 | 3350 | 66 | 23-87 | 2 | 30 |
| Anthracene | 8270E | 3040 | 3270 | 93 | 2840 | 3350 | 85 | 41-123 | 7 | 30 |
| Benz(a)anthracene | 8270E | 3040 | 3270 | 93 | 2810 | 3350 | 84 | 44-116 | 8 | 30 |
| Benzo(a)pyrene | 8270E | 3620 | 3270 | 111 | 3350 | 3350 | 100 | 56-146 | 8 | 30 |
| Benzo(b)fluoranthene | 8270E | 3380 | 3270 | 103 | 3200 | 3350 | 95 | 47-120 | 6 | 30 |
| Benzo(g,h,i)perylene | 8270E | 3700 | 3270 | 113 | 3410 | 3350 | 102 | 41-129 | 8 | 30 |
| Benzo(k)fluoranthene | 8270E | 3680 | 3270 | 112 | 3500 | 3350 | 104 | 49-124 | 5 | 30 |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

**Service Request:** R2407012
**Date Analyzed:** 08/07/24

## Duplicate Lab Control Sample Summary
## Semivolatile Organic Compounds by GC/MS using Microwave Digestion

**Units:**ug/Kg
**Basis:**Dry

| | Lab Control Sample | | | | Duplicate Lab Control Sample | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | RQ2409272-02 | | | | RQ2409272-03 | | | | | |
| **Analyte Name** | **Analytical Method** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| Biphenyl | 8270E | 2810 | 3270 | 86 | 2700 | 3350 | 81 | 24-112 | 4 | 30 |
| 2,2'-Oxybis(1-chloropropane) | 8270E | 2370 | 3270 | 72 | 2350 | 3350 | 70 | 22-99 | 1 | 30 |
| Bis(2-chloroethoxy)methane | 8270E | 2710 | 3270 | 83 | 2570 | 3350 | 77 | 38-119 | 6 | 30 |
| Bis(2-chloroethyl) Ether | 8270E | 2200 | 3270 | 67 | 2170 | 3350 | 65 | 23-94 | 1 | 30 |
| Bis(2-ethylhexyl) Phthalate | 8270E | 3030 | 3270 | 92 | 2860 | 3350 | 85 | 38-139 | 6 | 30 |
| Butyl Benzyl Phthalate | 8270E | 3100 | 3270 | 95 | 2900 | 3350 | 87 | 40-134 | 7 | 30 |
| Caprolactam | 8270E | 2840 | 3270 | 87 | 2720 | 3350 | 81 | 21-128 | 4 | 30 |
| Carbazole | 8270E | 3360 | 3270 | 103 | 3180 | 3350 | 95 | 42-131 | 6 | 30 |
| Chrysene | 8270E | 3210 | 3270 | 98 | 3010 | 3350 | 90 | 44-119 | 6 | 30 |
| Di-n-butyl Phthalate | 8270E | 3350 | 3270 | 102 | 3170 | 3350 | 95 | 42-141 | 6 | 30 |
| Di-n-octyl Phthalate | 8270E | 3560 | 3270 | 109 | 3340 | 3350 | 100 | 38-143 | 6 | 30 |
| Dibenz(a,h)anthracene | 8270E | 4100 | 3270 | 125 | 3770 | 3350 | 113 | 18-146 | 8 | 30 |
| Dibenzofuran | 8270E | 3050 | 3270 | 93 | 2880 | 3350 | 86 | 43-113 | 6 | 30 |
| Diethyl Phthalate | 8270E | 3020 | 3270 | 92 | 2850 | 3350 | 85 | 43-118 | 6 | 30 |
| Dimethyl Phthalate | 8270E | 3090 | 3270 | 94 | 2950 | 3350 | 88 | 40-118 | 5 | 30 |
| Fluoranthene | 8270E | 3290 | 3270 | 100 | 3110 | 3350 | 93 | 39-128 | 6 | 30 |
| Fluorene | 8270E | 3090 | 3270 | 94 | 2900 | 3350 | 87 | 40-117 | 6 | 30 |
| Hexachlorobenzene | 8270E | 3260 | 3270 | 100 | 3080 | 3350 | 92 | 35-122 | 6 | 30 |
| Hexachlorobutadiene | 8270E | 2230 | 3270 | 68 | 2230 | 3350 | 67 | 28-96 | <1 | 30 |
| Hexachlorocyclopentadiene | 8270E | 2940 | 3270 | 90 | 2810 | 3350 | 84 | 10-111 | 4 | 30 |
| Hexachloroethane | 8270E | 1900 | 3270 | 58 | 1870 | 3350 | 56 | 18-85 | 1 | 30 |
| Indeno(1,2,3-cd)pyrene | 8270E | 4060 | 3270 | 124 | 3690 | 3350 | 110 | 43-129 | 9 | 30 |
| Isophorone | 8270E | 2590 | 3270 | 79 | 2440 | 3350 | 73 | 39-104 | 6 | 30 |
| N-Nitrosodi-n-propylamine | 8270E | 2310 | 3270 | 71 | 2210 | 3350 | 66 | 30-98 | 4 | 30 |
| N-Nitrosodiphenylamine | 8270E | 3140 | 3270 | 96 | 2940 | 3350 | 88 | 43-130 | 6 | 30 |
| Naphthalene | 8270E | 2440 | 3270 | 75 | 2370 | 3350 | 71 | 31-93 | 3 | 30 |
| Nitrobenzene | 8270E | 2440 | 3270 | 75 | 2380 | 3350 | 71 | 31-99 | 3 | 30 |
| Pentachlorophenol (PCP) | 8270E | 2780 | 3270 | 85 | 2720 | 3350 | 81 | 36-138 | 2 | 30 |
| Phenanthrene | 8270E | 3080 | 3270 | 94 | 2900 | 3350 | 87 | 39-120 | 6 | 30 |
| Phenol | 8270E | 2270 | 3270 | 69 | 2200 | 3350 | 66 | 31-100 | 3 | 30 |
| Pyrene | 8270E | 3020 | 3270 | 92 | 2830 | 3350 | 85 | 45-125 | 7 | 30 |

# Semivolatile Organic Compounds by GC

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

**Client:** Sessler Environmental Services **Service Request:** R2407012
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY

### Organochlorine Pesticides by Gas Chromatography using Microwave Extraction

**Analysis Method:** 8081B
**Extraction Method:** EPA 3546

| Sample Name | Lab Code | Decachlorobiphenyl 10 - 159 | Tetrachloro-m-xylene 10 - 132 |
|---|---|---|---|
| Drum Soil + Paint 2 | R2407012-001 | 307 * | 53 |
| Drum Soil + Paint 2 RE | R2407012-001 | 444 P * | 144 P * |
| Method Blank | RQ2409265-01 | 101 | 65 |
| Lab Control Sample | RQ2409265-02 | 99 | 66 |
| Duplicate Lab Control Sample | RQ2409265-03 | 89 | 56 |
| Method Blank | RQ2409663-01 | 91 | 66 |
| Method Blank | RQ2409663-01 | 88 | 68 |
| Lab Control Sample | RQ2409663-02 | 89 | 67 |
| Duplicate Lab Control Sample | RQ2409663-03 | 94 | 66 |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407012 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/Kg |
| **Lab Code:** | RQ2409265-01 | **Basis:** | Dry |

## Organochlorine Pesticides by Gas Chromatography using Microwave Extraction

**Analysis Method:** 8081B
**Prep Method:** EPA 3546

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 4,4'-DDD | 1.7 U | 1.7 | 1 | 08/06/24 17:34 | 8/1/24 | |
| 4,4'-DDE | 1.7 U | 1.7 | 1 | 08/06/24 17:34 | 8/1/24 | |
| 4,4'-DDT | 1.7 U | 1.7 | 1 | 08/06/24 17:34 | 8/1/24 | |
| Aldrin | 1.7 U | 1.7 | 1 | 08/06/24 17:34 | 8/1/24 | |
| Dieldrin | 1.7 U | 1.7 | 1 | 08/06/24 17:34 | 8/1/24 | |
| Endosulfan I | 1.7 U | 1.7 | 1 | 08/06/24 17:34 | 8/1/24 | |
| Endosulfan II | 1.7 U | 1.7 | 1 | 08/06/24 17:34 | 8/1/24 | |
| Endosulfan Sulfate | 1.7 U | 1.7 | 1 | 08/06/24 17:34 | 8/1/24 | |
| Endrin | 1.7 U | 1.7 | 1 | 08/06/24 17:34 | 8/1/24 | |
| Endrin Aldehyde | 1.7 U | 1.7 | 1 | 08/06/24 17:34 | 8/1/24 | |
| Endrin Ketone | 1.7 U | 1.7 | 1 | 08/06/24 17:34 | 8/1/24 | |
| Heptachlor | 1.7 U | 1.7 | 1 | 08/06/24 17:34 | 8/1/24 | |
| Heptachlor Epoxide | 1.7 U | 1.7 | 1 | 08/06/24 17:34 | 8/1/24 | |
| Methoxychlor | 1.7 U | 1.7 | 1 | 08/06/24 17:34 | 8/1/24 | |
| Toxaphene | 33 U | 33 | 1 | 08/06/24 17:34 | 8/1/24 | |
| alpha-BHC | 1.7 U | 1.7 | 1 | 08/06/24 17:34 | 8/1/24 | |
| alpha-Chlordane | 1.7 U | 1.7 | 1 | 08/06/24 17:34 | 8/1/24 | |
| beta-BHC | 1.7 U | 1.7 | 1 | 08/06/24 17:34 | 8/1/24 | |
| delta-BHC | 1.7 U | 1.7 | 1 | 08/06/24 17:34 | 8/1/24 | |
| gamma-BHC (Lindane) | 1.7 U | 1.7 | 1 | 08/06/24 17:34 | 8/1/24 | |
| gamma-Chlordane | 1.7 U | 1.7 | 1 | 08/06/24 17:34 | 8/1/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Decachlorobiphenyl | 101 | 10 - 159 | 08/06/24 17:34 | |
| Tetrachloro-m-xylene | 65 | 10 - 132 | 08/06/24 17:34 | |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407012 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/Kg |
| **Lab Code:** | RQ2409663-01 | **Basis:** | Dry |

## Organochlorine Pesticides by Gas Chromatography using Microwave Extraction

**Analysis Method:** 8081B
**Prep Method:** EPA 3546

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 4,4'-DDD | 1.7 U | 1.7 | 1 | 08/13/24 22:56 | 8/9/24 | |
| 4,4'-DDE | 1.7 U | 1.7 | 1 | 08/13/24 22:56 | 8/9/24 | |
| 4,4'-DDT | 1.7 U | 1.7 | 1 | 08/13/24 22:56 | 8/9/24 | |
| Aldrin | 1.7 U | 1.7 | 1 | 08/13/24 22:56 | 8/9/24 | |
| Dieldrin | 1.7 U | 1.7 | 1 | 08/13/24 22:56 | 8/9/24 | |
| Endosulfan I | 1.7 U | 1.7 | 1 | 08/13/24 22:56 | 8/9/24 | |
| Endosulfan II | 1.7 U | 1.7 | 1 | 08/13/24 22:56 | 8/9/24 | |
| Endosulfan Sulfate | 1.7 U | 1.7 | 1 | 08/13/24 22:56 | 8/9/24 | |
| Endrin | 1.7 U | 1.7 | 1 | 08/13/24 22:56 | 8/9/24 | |
| Endrin Aldehyde | 1.7 U | 1.7 | 1 | 08/13/24 22:56 | 8/9/24 | |
| Endrin Ketone | 1.7 U | 1.7 | 1 | 08/13/24 22:56 | 8/9/24 | |
| Heptachlor | 1.7 U | 1.7 | 1 | 08/13/24 22:56 | 8/9/24 | |
| Heptachlor Epoxide | 1.7 U | 1.7 | 1 | 08/13/24 22:56 | 8/9/24 | |
| Methoxychlor | 1.7 U | 1.7 | 1 | 08/13/24 22:56 | 8/9/24 | |
| Toxaphene | 33 U | 33 | 1 | 08/13/24 22:56 | 8/9/24 | |
| alpha-BHC | 1.7 U | 1.7 | 1 | 08/13/24 22:56 | 8/9/24 | |
| alpha-Chlordane | 1.7 U | 1.7 | 1 | 08/13/24 22:56 | 8/9/24 | |
| beta-BHC | 1.7 U | 1.7 | 1 | 08/13/24 22:56 | 8/9/24 | |
| delta-BHC | 1.7 U | 1.7 | 1 | 08/13/24 22:56 | 8/9/24 | |
| gamma-BHC (Lindane) | 1.7 U | 1.7 | 1 | 08/13/24 22:56 | 8/9/24 | |
| gamma-Chlordane | 1.7 U | 1.7 | 1 | 08/13/24 22:56 | 8/9/24 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407012 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/Kg |
| **Lab Code:** | RQ2409663-01 | **Basis:** | Dry |

**Organochlorine Pesticides by Gas Chromatography using Microwave Extraction**

**Analysis Method:** 8081B
**Prep Method:** EPA 3546

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Decachlorobiphenyl | 90 | 10 - 159 | 08/13/24 22:56 | |
| Tetrachloro-m-xylene | 64 | 10 - 132 | 08/13/24 22:56 | |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407012 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/Kg |
| **Lab Code:** | RQ2409663-01 | **Basis:** | Dry |

## Organochlorine Pesticides by Gas Chromatography using Microwave Extraction

**Analysis Method:** 8081B
**Prep Method:** EPA 3546

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 4,4'-DDD | 1.7 U | 1.7 | 1 | 08/15/24 12:23 | 8/9/24 | |
| 4,4'-DDE | 1.7 U | 1.7 | 1 | 08/15/24 12:23 | 8/9/24 | |
| 4,4'-DDT | 1.7 U | 1.7 | 1 | 08/15/24 12:23 | 8/9/24 | |
| Aldrin | 1.7 U | 1.7 | 1 | 08/15/24 12:23 | 8/9/24 | |
| Dieldrin | 1.7 U | 1.7 | 1 | 08/15/24 12:23 | 8/9/24 | |
| Endosulfan I | 1.7 U | 1.7 | 1 | 08/15/24 12:23 | 8/9/24 | |
| Endosulfan II | 1.7 U | 1.7 | 1 | 08/15/24 12:23 | 8/9/24 | |
| Endosulfan Sulfate | 1.7 U | 1.7 | 1 | 08/15/24 12:23 | 8/9/24 | |
| Endrin | 1.7 U | 1.7 | 1 | 08/15/24 12:23 | 8/9/24 | |
| Endrin Aldehyde | 1.7 U | 1.7 | 1 | 08/15/24 12:23 | 8/9/24 | |
| Endrin Ketone | 1.7 U | 1.7 | 1 | 08/15/24 12:23 | 8/9/24 | |
| Heptachlor | 1.7 U | 1.7 | 1 | 08/15/24 12:23 | 8/9/24 | |
| Heptachlor Epoxide | 1.7 U | 1.7 | 1 | 08/15/24 12:23 | 8/9/24 | |
| Methoxychlor | 1.7 U | 1.7 | 1 | 08/15/24 12:23 | 8/9/24 | |
| Toxaphene | 33 U | 33 | 1 | 08/15/24 12:23 | 8/9/24 | |
| alpha-BHC | 1.7 U | 1.7 | 1 | 08/15/24 12:23 | 8/9/24 | |
| alpha-Chlordane | 1.7 U | 1.7 | 1 | 08/15/24 12:23 | 8/9/24 | |
| beta-BHC | 1.7 U | 1.7 | 1 | 08/15/24 12:23 | 8/9/24 | |
| delta-BHC | 1.7 U | 1.7 | 1 | 08/15/24 12:23 | 8/9/24 | |
| gamma-BHC (Lindane) | 1.7 U | 1.7 | 1 | 08/15/24 12:23 | 8/9/24 | |
| gamma-Chlordane | 1.7 U | 1.7 | 1 | 08/15/24 12:23 | 8/9/24 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407012 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/Kg |
| **Lab Code:** | RQ2409663-01 | **Basis:** | Dry |

**Organochlorine Pesticides by Gas Chromatography using Microwave Extraction**

**Analysis Method:** 8081B
**Prep Method:** EPA 3546

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Decachlorobiphenyl | 88 | 10 - 159 | 08/15/24 12:23 | |
| Tetrachloro-m-xylene | 68 | 10 - 132 | 08/15/24 12:23 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

**Service Request:** R2407012
**Date Analyzed:** 08/06/24

## Duplicate Lab Control Sample Summary
## Organochlorine Pesticides by Gas Chromatography using Microwave Extraction

**Units:**ug/Kg
**Basis:**Dry

| | | Lab Control Sample | | | Duplicate Lab Control Sample | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | RQ2409265-02 | | | RQ2409265-03 | | | | | |
| **Analyte Name** | **Analytical Method** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| 4,4'-DDD | 8081B | 5.71 | 6.62 | 86 | 5.13 | 6.65 | 77 | 48-121 | 11 | 30 |
| 4,4'-DDE | 8081B | 5.59 | 6.62 | 85 | 5.18 | 6.65 | 78 | 51-119 | 8 | 30 |
| 4,4'-DDT | 8081B | 6.67 | 6.62 | 101 | 6.12 | 6.65 | 92 | 51-126 | 9 | 30 |
| Aldrin | 8081B | 4.88 | 6.62 | 74 | 4.43 | 6.65 | 67 | 45-109 | 10 | 30 |
| Dieldrin | 8081B | 5.21 | 6.62 | 79 | 4.90 | 6.65 | 74 | 56-111 | 6 | 30 |
| Endosulfan I | 8081B | 4.89 | 6.62 | 74 | 4.52 | 6.65 | 68 | 54-109 | 8 | 30 |
| Endosulfan II | 8081B | 5.60 | 6.62 | 85 | 5.27 | 6.65 | 79 | 50-116 | 6 | 30 |
| Endosulfan Sulfate | 8081B | 5.69 | 6.62 | 86 | 5.24 | 6.65 | 79 | 55-115 | 8 | 30 |
| Endrin | 8081B | 5.48 | 6.62 | 83 | 5.20 | 6.65 | 78 | 49-124 | 5 | 30 |
| Endrin Aldehyde | 8081B | 5.88 | 6.62 | 89 | 5.50 | 6.65 | 83 | 21-139 | 7 | 30 |
| Endrin Ketone | 8081B | 6.09 | 6.62 | 92 | 5.77 | 6.65 | 87 | 50-124 | 5 | 30 |
| Heptachlor | 8081B | 5.20 | 6.62 | 79 | 4.68 | 6.65 | 70 | 43-115 | 11 | 30 |
| Heptachlor Epoxide | 8081B | 5.38 | 6.62 | 81 | 4.95 | 6.65 | 74 | 53-113 | 8 | 30 |
| Methoxychlor | 8081B | 7.44 | 6.62 | 112 | 7.03 | 6.65 | 106 | 47-141 | 6 | 30 |
| alpha-BHC | 8081B | 4.57 | 6.62 | 69 | 4.22 | 6.65 | 63 | 44-109 | 8 | 30 |
| alpha-Chlordane | 8081B | 5.22 | 6.62 | 79 | 4.86 | 6.65 | 73 | 52-114 | 7 | 30 |
| beta-BHC | 8081B | 5.70 | 6.62 | 86 | 5.17 | 6.65 | 78 | 49-119 | 10 | 30 |
| delta-BHC | 8081B | 5.37 | 6.62 | 81 | 5.02 | 6.65 | 76 | 49-113 | 7 | 30 |
| gamma-BHC (Lindane) | 8081B | 4.63 | 6.62 | 70 | 4.04 | 6.65 | 61 | 43-112 | 14 | 30 |
| gamma-Chlordane | 8081B | 5.69 | 6.62 | 86 | 5.19 | 6.65 | 78 | 51-117 | 9 | 30 |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

**Service Request:** R2407012
**Date Analyzed:** 08/13/24

## Duplicate Lab Control Sample Summary
## Organochlorine Pesticides by Gas Chromatography using Microwave Extraction

**Units:**ug/Kg
**Basis:**Dry

| | | Lab Control Sample | | | Duplicate Lab Control Sample | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | RQ2409663-02 | | | RQ2409663-03 | | | | | |
| **Analyte Name** | **Analytical Method** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| 4,4'-DDD | 8081B | 5.09 | 6.50 | 78 | 5.60 | 6.54 | 86 | 48-121 | 10 | 30 |
| 4,4'-DDE | 8081B | 5.49 | 6.50 | 84 | 5.61 | 6.54 | 86 | 51-119 | 2 | 30 |
| 4,4'-DDT | 8081B | 6.17 | 6.50 | 95 | 6.82 | 6.54 | 104 | 51-126 | 10 | 30 |
| Aldrin | 8081B | 5.05 | 6.50 | 78 | 4.96 | 6.54 | 76 | 45-109 | 2 | 30 |
| Dieldrin | 8081B | 5.31 | 6.50 | 82 | 5.28 | 6.54 | 81 | 56-111 | <1 | 30 |
| Endosulfan I | 8081B | 4.84 | 6.50 | 74 | 4.88 | 6.54 | 75 | 54-109 | <1 | 30 |
| Endosulfan II | 8081B | 5.55 | 6.50 | 85 | 5.64 | 6.54 | 86 | 50-116 | 2 | 30 |
| Endosulfan Sulfate | 8081B | 5.37 | 6.50 | 83 | 5.88 | 6.54 | 90 | 55-115 | 9 | 30 |
| Endrin | 8081B | 5.44 | 6.50 | 84 | 5.67 | 6.54 | 87 | 49-124 | 4 | 30 |
| Endrin Aldehyde | 8081B | 5.97 | 6.50 | 92 | 5.95 | 6.54 | 91 | 21-139 | <1 | 30 |
| Endrin Ketone | 8081B | 5.75 | 6.50 | 88 | 6.30 | 6.54 | 96 | 50-124 | 9 | 30 |
| Heptachlor | 8081B | 5.74 | 6.50 | 88 | 5.85 | 6.54 | 89 | 43-115 | 2 | 30 |
| Heptachlor Epoxide | 8081B | 5.35 | 6.50 | 82 | 5.34 | 6.54 | 82 | 53-113 | <1 | 30 |
| Methoxychlor | 8081B | 6.87 | 6.50 | 106 | 7.70 | 6.54 | 118 | 47-141 | 11 | 30 |
| alpha-BHC | 8081B | 5.46 | 6.50 | 84 | 4.94 | 6.54 | 76 | 44-109 | 10 | 30 |
| alpha-Chlordane | 8081B | 5.24 | 6.50 | 81 | 5.35 | 6.54 | 82 | 52-114 | 2 | 30 |
| beta-BHC | 8081B | 6.12 | 6.50 | 94 | 5.73 | 6.54 | 88 | 49-119 | 7 | 30 |
| delta-BHC | 8081B | 5.86 | 6.50 | 90 | 5.64 | 6.54 | 86 | 49-113 | 4 | 30 |
| gamma-BHC (Lindane) | 8081B | 5.01 | 6.50 | 77 | 5.02 | 6.54 | 77 | 43-112 | <1 | 30 |
| gamma-Chlordane | 8081B | 5.49 | 6.50 | 84 | 5.59 | 6.54 | 86 | 51-117 | 2 | 30 |

**Client:** Sessler Environmental Services **Service Request:** R2407012
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## Polychlorinated Biphenyls (PCBs) by GC using Microwave Extraction

**Analysis Method:** 8082A
**Extraction Method:** EPA 3546

| Sample Name | Lab Code | Decachlorobiphenyl 10 - 138 | Tetrachloro-m-xylene 11 - 122 |
|---|---|---|---|
| Drum Soil + Paint 2 | R2407012-001 | 203 P * | 64 |
| Method Blank | RQ2409265-01 | 73 | 73 |
| Lab Control Sample | RQ2409265-04 | 47 | 60 |
| Duplicate Lab Control Sample | RQ2409265-05 | 50 | 61 |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407012 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/Kg |
| **Lab Code:** | RQ2409265-01 | **Basis:** | Dry |

## Polychlorinated Biphenyls (PCBs) by GC using Microwave Extraction

**Analysis Method:** 8082A
**Prep Method:** EPA 3546

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| Aroclor 1016 | 33 U | 33 | 1 | 08/08/24 10:45 | 8/1/24 | |
| Aroclor 1221 | 67 U | 67 | 1 | 08/08/24 10:45 | 8/1/24 | |
| Aroclor 1232 | 33 U | 33 | 1 | 08/08/24 10:45 | 8/1/24 | |
| Aroclor 1242 | 33 U | 33 | 1 | 08/08/24 10:45 | 8/1/24 | |
| Aroclor 1248 | 33 U | 33 | 1 | 08/08/24 10:45 | 8/1/24 | |
| Aroclor 1254 | 33 U | 33 | 1 | 08/08/24 10:45 | 8/1/24 | |
| Aroclor 1260 | 33 U | 33 | 1 | 08/08/24 10:45 | 8/1/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Decachlorobiphenyl | 73 | 10 - 138 | 08/08/24 10:45 | |
| Tetrachloro-m-xylene | 73 | 11 - 122 | 08/08/24 10:45 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

**Service Request:** R2407012
**Date Analyzed:** 08/05/24

## Duplicate Lab Control Sample Summary
## Polychlorinated Biphenyls (PCBs) by GC using Microwave Extraction

**Units:**ug/Kg
**Basis:**Dry

| | | | Lab Control Sample | | Duplicate Lab Control Sample | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | RQ2409265-04 | | RQ2409265-05 | | | | | |
| **Analyte Name** | **Analytical Method** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| Aroclor 1016 | 8082A | 123 | 166 | 74 | 125 | 166 | 75 | 34-141 | 2 | 30 |
| Aroclor 1260 | 8082A | 125 | 166 | 75 | 133 | 166 | 80 | 30-158 | 6 | 30 |

**Client:** Sessler Environmental Services **Service Request:** R2407012
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

## SURROGATE RECOVERY SUMMARY
## Chlorinated Herbicides by GC

**Analysis Method:** 8151A
**Extraction Method:** Method

| Sample Name | Lab Code | 2,4-Dichlorophenylacetic Acid 10 - 151 |
|---|---|---|
| Drum Soil + Paint 2 | R2407012-001 | 0 * |
| Drum Soil + Paint 2 RE | R2407012-001 | 0 * |
| Method Blank | RQ2409273-01 | 67 |
| Lab Control Sample | RQ2409273-02 | 74 P |
| Duplicate Lab Control Sample | RQ2409273-03 | 62 P |
| Method Blank | RQ2409592-01 | 65 |
| Lab Control Sample | RQ2409592-02 | 55 P |
| Duplicate Lab Control Sample | RQ2409592-03 | 61 P |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407012 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/Kg |
| **Lab Code:** | RQ2409273-01 | **Basis:** | Dry |

## Chlorinated Herbicides by GC

**Analysis Method:** 8151A
**Prep Method:** Method

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 2,4,5-T | 10 U | 10 | 1 | 08/07/24 01:13 | 8/2/24 | |
| 2,4,5-TP | 10 U | 10 | 1 | 08/07/24 01:13 | 8/2/24 | |
| 2,4-D | 10 U | 10 | 1 | 08/07/24 01:13 | 8/2/24 | |
| Dicamba | 10 U | 10 | 1 | 08/07/24 01:13 | 8/2/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 2,4-Dichlorophenylacetic Acid | 67 | 10 - 151 | 08/07/24 01:13 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407012 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/Kg |
| **Lab Code:** | RQ2409592-01 | **Basis:** | Dry |

## Chlorinated Herbicides by GC

**Analysis Method:** 8151A
**Prep Method:** Method

| Analyte Name | Result | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|
| 2,4,5-T | 10 U | 10 | 1 | 08/14/24 15:42 | 8/8/24 | |
| 2,4,5-TP | 10 U | 10 | 1 | 08/14/24 15:42 | 8/8/24 | |
| 2,4-D | 10 U | 10 | 1 | 08/14/24 15:42 | 8/8/24 | |
| Dicamba | 10 U | 10 | 1 | 08/14/24 15:42 | 8/8/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 2,4-Dichlorophenylacetic Acid | 65 | 10 - 151 | 08/14/24 15:42 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

**Service Request:** R2407012
**Date Analyzed:** 08/07/24

## Duplicate Lab Control Sample Summary
## Chlorinated Herbicides by GC

**Units:**ug/Kg
**Basis:**Dry

| | | | Lab Control Sample | | | Duplicate Lab Control Sample | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | RQ2409273-02 | | | RQ2409273-03 | | | | |
| **Analyte Name** | **Analytical Method** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| 2,4,5-T | 8151A | 31.2 | 49.8 | 63 | 26.7 | 50.0 | 53 | 19-127 | 16 | 30 |
| 2,4,5-TP | 8151A | 24.7 | 49.8 | 50 | 20.6 | 50.0 | 41 | 18-122 | 18 | 30 |
| 2,4-D | 8151A | 27.7 | 49.8 | 56 | 23.8 | 50.0 | 48 | 31-119 | 15 | 30 |
| Dicamba | 8151A | 30.5 | 49.8 | 61 | 25.8 | 50.0 | 52 | 26-128 | 17 | 30 |

**ALS Group USA, Corp.**
**dba ALS Environmental**

QA/QC Report

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

**Service Request:** R2407012
**Date Analyzed:** 08/14/24

## Duplicate Lab Control Sample Summary
## Chlorinated Herbicides by GC

**Units:**ug/Kg
**Basis:**Dry

| | | | Lab Control Sample RQ2409592-02 | | | Duplicate Lab Control Sample RQ2409592-03 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Analyte Name** | **Analytical Method** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| 2,4,5-T | 8151A | 27.9 | 49.9 | 56 | 27.4 | 49.7 | 55 | 19-127 | 2 | 30 |
| 2,4,5-TP | 8151A | 22.8 | 49.9 | 46 | 22.6 | 49.7 | 45 | 18-122 | <1 | 30 |
| 2,4-D | 8151A | 24.2 | 49.9 | 49 | 24.0 | 49.7 | 48 | 31-119 | 1 | 30 |
| Dicamba | 8151A | 27.1 | 49.9 | 54 | 27.1 | 49.7 | 55 | 26-128 | <1 | 30 |

# Metals

**ALS Environmental—Rochester Laboratory**
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Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407012 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Basis:** | Dry |
| **Lab Code:** | R2407012-MB | | |

## Inorganic Parameters

| Analyte Name | Analysis Method | Result | Units | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|
| Arsenic, Total | 6010D | 1.0 U | mg/Kg | 1.0 | 1 | 08/06/24 18:09 | 08/05/24 | |
| Barium, Total | 6010D | 2.0 U | mg/Kg | 2.0 | 1 | 08/06/24 18:09 | 08/05/24 | |
| Cadmium, Total | 6010D | 0.50 U | mg/Kg | 0.50 | 1 | 08/06/24 18:09 | 08/05/24 | |
| Chromium, Total | 6010D | 1.0 U | mg/Kg | 1.0 | 1 | 08/06/24 18:09 | 08/05/24 | |
| Lead, Total | 6010D | 5.0 U | mg/Kg | 5.0 | 1 | 08/06/24 18:09 | 08/05/24 | |
| Mercury, Total | 7471B | 0.020 U | mg/Kg | 0.020 | 1 | 08/02/24 10:50 | 08/01/24 | |
| Selenium, Total | 6010D | 1.0 U | mg/Kg | 1.0 | 1 | 08/06/24 18:09 | 08/05/24 | |
| Silver, Total | 6010D | 1.0 U | mg/Kg | 1.0 | 1 | 08/06/24 18:09 | 08/05/24 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

**Service Request:** R2407012
**Date Analyzed:** 08/02/24 - 08/06/24

## Lab Control Sample Summary
## Inorganic Parameters

**Units:**mg/Kg
**Basis:**Dry

### Lab Control Sample
R2407012-LCS

| Analyte Name | Analytical Method | Result | Spike Amount | % Rec | % Rec Limits |
|---|---|---|---|---|---|
| Arsenic, Total | 6010D | 3.7 | 4.0 | 93 | 80-120 |
| Barium, Total | 6010D | 196 | 200 | 98 | 80-120 |
| Cadmium, Total | 6010D | 4.88 | 5.00 | 98 | 80-120 |
| Chromium, Total | 6010D | 19.8 | 20.0 | 99 | 80-120 |
| Lead, Total | 6010D | 50.0 | 50.0 | 100 | 80-120 |
| Mercury, Total | 7471B | 0.092 | 0.100 | 92 | 80-120 |
| Selenium, Total | 6010D | 89.5 | 101 | 89 | 80-120 |
| Silver, Total | 6010D | 4.8 | 5.0 | 96 | 80-120 |

# General Chemistry

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407012 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Soil | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Basis:** | Dry |
| **Lab Code:** | R2407012-MB | | |

## Inorganic Parameters

| Analyte Name | Analysis Method | Result | | Units | MRL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide, Reactive as Total | 9012B | 0.30 | U | mg/Kg | 0.30 | 1 | 08/01/24 21:32 | 08/01/24 | |
| Sulfide Reactive as Total | 9034 | 20 | U | mg/Kg | 20 | 1 | 08/02/24 16:30 | 08/02/24 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

**Service Request:** R2407012
**Date Analyzed:** 08/01/24 - 08/02/24

## Lab Control Sample Summary
## General Chemistry Parameters

**Units:**mg/Kg
**Basis:**Dry

### Lab Control Sample
R2407012-LCS1

| Analyte Name | Analytical Method | Result | Spike Amount | % Rec | % Rec Limits |
|---|---|---|---|---|---|
| Cyanide, Reactive as Total | 9012B | 2.99 | 3.00 | 100 | 85-115 |
| Sulfide Reactive as Total | 9034 | 97 | 170 | 57 | 10-135 |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Soil

**Service Request:** R2407012
**Date Analyzed:** 08/01/24

## Lab Control Sample Summary
## General Chemistry Parameters

**Units:**mg/Kg
**Basis:**Dry

### Lab Control Sample
R2407012-LCS2

| Analyte Name | Analytical Method | Result | Spike Amount | % Rec | % Rec Limits |
|---|---|---|---|---|---|
| Cyanide, Reactive as Total | 9012B | 18.3 | 18.0 | 102 | 85-115 |

August 20, 2024 Service Request No:R2407514

Frank Thomas
Sessler Environmental Services
1330 Research Forest
Macedon, NY 14502

**Laboratory Results for: Bisonite Paint BCP**

Dear Frank,

Enclosed are the results of the sample(s) submitted to our laboratory August 12, 2024
For your reference, these analyses have been assigned our service request number **R2407514.**

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7472. You may also contact me via email at Janice.Jaeger@alsglobal.com.

Respectfully submitted,

**ALS Group USA, Corp. dba ALS Environmental**



Janice Jaeger
Project Manager

CC: Eric Hoban

ADDRESS 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
PHONE +1 585 288 5380 | FAX +1 585 288 8475
ALS Group USA, Corp.
dba ALS Environmental

# Narrative Documents

**ALS Environmental—Rochester Laboratory**
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www.alsglobal.com

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP
**Sample Matrix:** Water

**Service Request:** R2407514
**Date Received:** 08/12/2024

## CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

**Sample Receipt:**

One water sample was received for analysis at ALS Environmental on 08/12/2024. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

**Semivoa GC:**

Method 608 Modified: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV) on one detector. All recoveries were acceptable on the secondary detector. Since there were no detections of the analyte (s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

**Metals:**

Report was revised. Client requested dissolved metals not total metals. Samples were reanalyzed and the total metals were removed from the report.

**Volatiles by GC/MS:**

Method 624, R2407514-001: Sample(s) required dilution due to the foaming nature of the matrix. The reporting limits are adjusted to reflect the dilution.

Approved by _____ Date 08/15/2024

## SAMPLE DETECTION SUMMARY

This form includes only detections above the reporting levels. For a full listing of sample results, continue to the Sample Results section of this Report.

| CLIENT ID: Lagoon Liquids Dissolved | | | Lab ID: R2407514-002 | | | |
|---|---|---|---|---|---|---|
| **Analyte** | **Results** | **Flag** | **MDL** | **MRL** | **Units** | **Method** |
| Antimony, Dissolved | 0.3 | J | 0.2 | 1.0 | ug/L | 200.8 |
| Arsenic, Dissolved | 0.7 | J | 0.4 | 1.0 | ug/L | 200.8 |
| Chromium, Dissolved | 1.3 | J | 0.6 | 2.0 | ug/L | 200.8 |
| Copper, Dissolved | 24.6 | | 0.7 | 1.0 | ug/L | 200.8 |
| Lead, Dissolved | 1.1 | | 0.2 | 1.0 | ug/L | 200.8 |
| Nickel, Dissolved | 0.9 | J | 0.5 | 1.0 | ug/L | 200.8 |
| Zinc, Dissolved | 3.7 | J | 2.5 | 5.0 | ug/L | 200.8 |

| CLIENT ID: Lagoon Liquids | | | Lab ID: R2407514-001 | | | |
|---|---|---|---|---|---|---|
| **Analyte** | **Results** | **Flag** | **MDL** | **MRL** | **Units** | **Method** |
| Ethylbenzene | 2.30 | J | 2.00 | 10.0 | ug/L | 624.1 |

# Sample Receipt Information

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

**Client:** Sessler Environmental Services **Service Request:**R2407514
**Project:** Bisonite Paint BCP/24-E878

## SAMPLE CROSS-REFERENCE

| SAMPLE # | CLIENT SAMPLE ID | DATE | TIME |
|---|---|---|---|
| R2407514-001 | Lagoon Liquids | 8/9/2024 | 0915 |
| R2407514-002 | Lagoon Liquids Dissolved | 8/9/2024 | 0915 |

# Chain of Custody / Analytical Request Form

73289

SR#:

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 • +1 585 288 5380 • alsglobal.com

Page of

**Report To:**

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER

Company: Sessler Environmental
Contact: Frank Thomas
Email: Fthomas@sesslerenv.com
Phone: 585-617-5710
Address: 1330 Research Forest
Macedon, NY

Project Name: Bisonite Paint BCP
Project Number: 24-E878
ALS Quote #:
Sampler's Signature:
Email CC:
Email CC:
State Samples Collected (Circle or Write): NY, MA, PA, CT, Other:

Preservative: 1 | 8 | 8

| Lab ID (ALS) | Sample Collection Information: Sample ID: | Date | Time | Matrix (GW, WW, SW, DW, S, L, NA) | Number of Containers | MS/MSD? | GC/MS VOA - 8260 • (624) • 524 • TCLP | GC/MS SVOA - 8270 • 625 • TCLP | Pesticides - 8081 • 608 • TCLP | PCBs - 8082 • (608) | Herbicides - 8151 • TCLP | Metals, Total - Select Below | Metals, Dissolved - Field / In-Lab Filter | Notes: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Lagoon Liquids | 8/9 | 9:15 | WW | B | | X | | | X | | | X | |

0. None
1. HCl
2. HNO3
3. H2SO4
4. NAOH
5. Zn Acet.
6. MeOH
7. NaHSO4
8. Other

Special Instructions / Comments:
Filter in Lab
Priority Pollutant metals 200.8/245

X Rush

**Turnaround Requirements**
X Rush (Surcharges Apply)
*Subject to Availability*
*Please Check with your PM*
____ Standard (10 Business Days)
Date Required:
8/14 or before noon 8/15

**Report Requirements**
____ Tier II/Cat A -Results/QC
____ Tier IV/Cat B - Data Validation Report w/. Data
EDD: ____ Yes _X_ No
EDD Type:

Metals: RCRA 8 • (PP 13) • TAL 23 • TCLP • Other (List)
VOA/SVOA Report List: TCL • BTEX • TCLP • CP-51/Stars • THM • Other: _____

**Invoice To: (□ Same as Report To)**
PO #: 24-E878
Company: Sessler Env
Contact: Justin
Email: ap@sesslerenv.com
585-617-5710
1330 Research Forest
Macedon, NY

| | Relinquished By: | Received By: | Relinquished By: | Received By: | Relinquished By: | Received By: |
|---|---|---|---|---|---|---|
| Signature | | | | | | |
| Printed Name | Frank Thomas | Gregory D. Emerson | | | | |
| Company | Sessler | ALS | | | | |
| Date/Time | 8/12 11:40 | 8/12/24 11:40 | | | | |

R2407514 5
Sessler Environmental Services
Bisonite Paint BCP



Distribution: White - Lab Copy; Yellow - Return to Originator

© 2012 by ALS Group

R2407514 5
Sessler Environmental Services
Bisonite Paint BCP

# Cooler Receipt and Preservation Check Form

Project/Client Sessler Environmental Folder Number _____

Cooler received on 8/12/24 by: ME

**COURIER:** ALS UPS FEDEX VELOCITY (CLIENT)

ME 8/12/24

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1 | Were **Custody seals** on outside of cooler? | Y (N) | | 5a | Did **VOA** vials have sig* **bubbles?** | Y N (NA) | |
| 2 | **Custody papers** properly completed (ink, signed)? | (Y) N | | 5b | Sig* bubbles: **Alk?** Y N (NA) **Sulfide?** | Y N (NA) | |
| 3 | Did all bottles arrive in good **condition** (unbroken)? | (Y) N | | 6 | Where did the bottles originate? | (ALS/ROC) | CLIENT |
| 4 | Circle: **Wet Ice** **Dry Ice** **Gel packs** present? | (Y) N | | 7 | Soil VOA received as: Bulk Encore 5035set | | (NA) |

8. Temperature Readings Date: 8/12/24 Time: 11:43 ID: IR#12 (IR#11) From: Temp Blank (Sample Bottle)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Temp (°C) | 13.6 | | | | | | |
| Within 0-6°C? | Y (N) | Y N | Y N | Y N | Y N | Y N | Y N |
| If <0°C, were samples frozen? | Y N | Y N | Y N | Y N | Y N | Y N | Y N |

**If out of Temperature, note packing/ice condition:** _____ Ice melted Poorly Packed (described below) Same Day Rule

**&Client Approval to Run Samples:** _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: SMO by ME on 8/12/24 at 11:45
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 8/12/24 Time: 1204 by: SES

9. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? YES NO
10. Did all bottle labels and tags agree with custody papers? YES NO
11. Were correct containers used for the tests indicated? YES NO
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO N/A
13. Were dissolved metals filtered in the field? YES NO N/A
14. Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized Tedlar® Bags Inflated N/A

| pH | Lot of test paper | Reagent | Preserved? Yes | Preserved? No | Lot Received | Exp | Sample ID Adjusted | Vol. Added | Lot Added | Final pH |
|---|---|---|---|---|---|---|---|---|---|---|
| ≥12 | | NaOH | | | | | | | | |
| ≤2 | 221523 | $HNO_3$ | | ✓ | 21390141 | 1/25 | metals | 4ml | 235979 | <2 |
| ≤2 | | $H_2SO_4$ | | | | | | | | |
| <4 | | $NaHSO_4$ | | | | | | | | |
| 5-9 | 221523 | For 608pest | ✓ | | No=Notify for 3day | | | | | |
| Residual Chlorine (-) | | For CN, Phenol, 625, 608pest, 522 | ✓ | | If +, contact PM to add $Na_2S_2O_3$ (625, 608, CN), ascorbic (phenol). | | | | | |
| | | $Na_2S_2O_3$ | | | | | | | | |
| | | ZnAcetate | - | - | | | | | | |
| | | HCl | ** | ** | client → | | | | | |

**VOAs and 1664 Not to be tested before analysis. Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives).

Bottle lot numbers: 052923-2AES, 70555-C2615,
Explain all Discrepancies/ Other Comments:

| | |
|---|---|
| HPROD | BULK |
| HTR | FLDT |
| SUB | HGFB |
| ALS | LL3541 |

Labels secondary reviewed by: SES *significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

# Miscellaneous Forms

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
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# REPORT QUALIFIERS AND DEFINITIONS

| | |
|---|---|
| U | Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative. |
| J | Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors). |
| B | Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result. |
| E | Inorganics- Concentration is estimated due to the serial dilution was outside control limits. |
| E | Organics- Concentration has exceeded the calibration range for that specific analysis. |
| D | Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed. |
| * | Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time. |
| H | Analysis was performed out of hold time for tests that have an "immediate" hold time criteria. |
| # | Spike was diluted out. |
| + | Correlation coefficient for MSA is <0.995. |
| N | Inorganics- Matrix spike recovery was outside laboratory limits. |
| N | Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search. |
| S | Concentration has been determined using Method of Standard Additions (MSA). |
| W | Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance. |
| P | Concentration >40% difference between the two GC columns. |
| C | Confirmed by GC/MS |
| Q | DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns). |
| X | See Case Narrative for discussion. |
| MRL<br>LOQ | Method Reporting Limit. Also known as:<br>Limit of Quantitation (LOQ)<br>The lowest concentration at which the method analyte may be reliably quantified under the method conditions. |
| MDL | Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier). |
| LOD | Limit of Detection. A value at or above the MDL which has been verified to be detectable. |
| ND | Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier. |

## Rochester Lab ID # for State Accreditations[1]

| NELAP States |
|---|
| Florida ID # E87674 |
| New Hampshire ID # 2941 |
| New York ID # 10145 |
| Pennsylvania ID# 68-786 |
| Virginia #460167 |

| Non-NELAP States |
|---|
| Connecticut ID #PH0556 |
| Delaware Approved |
| Maine ID #NY01587 |
| North Carolina #36701 |
| North Carolina #676 |
| Rhode Island LAO00333 |

[1] Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory. To verify NH accredited analytes, go to https://www4.des.state.nh.us/CertifiedLabs/Certified-Method.aspx.

# ALS Laboratory Group

**Acronyms**

| | |
|---|---|
| ASTM | American Society for Testing and Materials |
| A2LA | American Association for Laboratory Accreditation |
| CARB | California Air Resources Board |
| CAS Number | Chemical Abstract Service registry Number |
| CFC | Chlorofluorocarbon |
| CFU | Colony-Forming Unit |
| DEC | Department of Environmental Conservation |
| DEQ | Department of Environmental Quality |
| DHS | Department of Health Services |
| DOE | Department of Ecology |
| DOH | Department of Health |
| EPA | U. S. Environmental Protection Agency |
| ELAP | Environmental Laboratory Accreditation Program |
| GC | Gas Chromatography |
| GC/MS | Gas Chromatography/Mass Spectrometry |
| LUFT | Leaking Underground Fuel Tank |
| M | Modified |
| MCL | Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA. |
| MDL | Method Detection Limit |
| MPN | Most Probable Number |
| MRL | Method Reporting Limit |
| NA | Not Applicable |
| NC | Not Calculated |
| NCASI | National Council of the Paper Industry for Air and Stream Improvement |
| ND | Not Detected |
| NIOSH | National Institute for Occupational Safety and Health |
| PQL | Practical Quantitation Limit |
| RCRA | Resource Conservation and Recovery Act |
| SIM | Selected Ion Monitoring |
| TPH | Total Petroleum Hydrocarbons |
| tr | Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL. |

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407514 |
| **Project:** | Bisonite Paint BCP/24-E878 | | |

| | | | |
|---|---|---|---|
| **Sample Name:** | Lagoon Liquids | **Date Collected:** | 08/9/24 |
| **Lab Code:** | R2407514-001 | **Date Received:** | 08/12/24 |
| **Sample Matrix:** | Water | | |

| Analysis Method | Extracted/Digested By | Analyzed By |
|---|---|---|
| 200.8 | CDISTEFANO | NMANSEN |
| 245.1 | ECASTROVINCI | ECASTROVINCI |
| 608 Modified | JVANHEYNINGEN | AFELSER |
| 624 | | KRUEST |

| | | | |
|---|---|---|---|
| **Sample Name:** | Lagoon Liquids Dissolved | **Date Collected:** | 08/9/24 |
| **Lab Code:** | R2407514-002 | **Date Received:** | 08/12/24 |
| **Sample Matrix:** | Water | | |

| Analysis Method | Extracted/Digested By | Analyzed By |
|---|---|---|
| 200.8 | NMANSEN | NMANSEN |
| 245.1 | ECASTROVINCI | ECASTROVINCI |

# PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

## INORGANIC

**Water/Liquid Matrix**

| Analytical Method | Preparation Method |
|---|---|
| 200.7 | 200.2 |
| 200.8 | 200.2 |
| 6010C or 6010D | 3005A/3010A |
| 6020A or 6020B | ILM05.3 |
| 9034 Sulfide Acid Soluble | 9030B |
| SM 4500-CN-N-2016 Amenable and Residual Cyanide | SM 4500-CN-G and SM 4500-CN-B,C-2016 |
| SM 4500-CN-E WAD Cyanide | SM 4500-CN-I |

**Solid/Soil/Non-Aqueous Matrix**

| Analytical Method | Preparation Method |
|---|---|
| 6010C or 6010D | 3050B |
| 6020A or 6020B | 3050B |
| 6010C or 6010D TCLP (1311) extract | 3005A/3010A |
| 6010C or 6010D SPLP (1312) extract | 3005A/3010A |
| 7199 | 3060A |
| 300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions | DI extraction |
| For analytical methods not listed, the preparation method is the same as the analytical method reference. | |

## ORGANIC

**Preparation Methods for Organic methods are listed in the header of the Results pages.**

**Regarding "Bulk/5035A":**
For soil/solid samples submitted in soil jars for Volatiles analysis, the prep method is listed as "Bulk/5035A". The lab follows the closed-system EPA 5035A protocols once the sample is transferred to a sealed vial, but collection in bulk in soil jars does not follow the collection protocols listed in EPA 5035A. In accordance with the NYSDOH technical notice of October 2012, all results or reporting limits <200 ug/kg are to be considered estimated due to potential low bias.

# Sample Results

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

# Volatile Organic Compounds by GC/MS

**ALS Environmental—Rochester Laboratory**
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407514 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 08/09/24 09:15 |
| **Sample Matrix:** | Water | **Date Received:** | 08/12/24 11:40 |
| **Sample Name:** | Lagoon Liquids | **Units:** | ug/L |
| **Lab Code:** | R2407514-001 | **Basis:** | NA |

## Volatile Organic Compounds by GC/MS

**Analysis Method:** 624.1

| Analyte Name | Result | MRL | MDL | Dil. | Date Analyzed | Q |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane (TCA) | 2.00 U | 10.0 | 2.00 | 10 | 08/12/24 14:04 | |
| 1,1,2,2-Tetrachloroethane | 2.00 U | 10.0 | 2.00 | 10 | 08/12/24 14:04 | |
| 1,1,2-Trichloroethane | 2.00 U | 10.0 | 2.00 | 10 | 08/12/24 14:04 | |
| 1,1-Dichloroethane (1,1-DCA) | 2.00 U | 10.0 | 2.00 | 10 | 08/12/24 14:04 | |
| 1,1-Dichloroethene (1,1-DCE) | 2.00 U | 10.0 | 2.00 | 10 | 08/12/24 14:04 | |
| 1,2-Dichlorobenzene | 2.00 U | 10.0 | 2.00 | 10 | 08/12/24 14:04 | |
| 1,2-Dichloroethane | 2.00 U | 10.0 | 2.00 | 10 | 08/12/24 14:04 | |
| 1,2-Dichloropropane | 2.00 U | 10.0 | 2.00 | 10 | 08/12/24 14:04 | |
| 1,3-Dichlorobenzene | 2.00 U | 10.0 | 2.00 | 10 | 08/12/24 14:04 | |
| 1,4-Dichlorobenzene | 2.00 U | 10.0 | 2.00 | 10 | 08/12/24 14:04 | |
| Acrylonitrile | 9.00 U | 100 | 9.00 | 10 | 08/12/24 14:04 | |
| Benzene | 2.00 U | 10.0 | 2.00 | 10 | 08/12/24 14:04 | |
| Bromodichloromethane | 2.00 U | 10.0 | 2.00 | 10 | 08/12/24 14:04 | |
| Bromoform | 2.50 U | 10.0 | 2.50 | 10 | 08/12/24 14:04 | |
| Bromomethane | 7.00 U | 10.0 | 7.00 | 10 | 08/12/24 14:04 | |
| Carbon Tetrachloride | 3.40 U | 10.0 | 3.40 | 10 | 08/12/24 14:04 | |
| Chlorobenzene | 2.00 U | 10.0 | 2.00 | 10 | 08/12/24 14:04 | |
| Chloroethane | 2.30 U | 10.0 | 2.30 | 10 | 08/12/24 14:04 | |
| Chloroform | 5.10 U | 10.0 | 5.10 | 10 | 08/12/24 14:04 | |
| Chloromethane | 8.00 U | 10.0 | 8.00 | 10 | 08/12/24 14:04 | |
| Dibromochloromethane | 2.00 U | 10.0 | 2.00 | 10 | 08/12/24 14:04 | |
| Methylene Chloride | 6.50 U | 10.0 | 6.50 | 10 | 08/12/24 14:04 | |
| Ethylbenzene | **2.30 J** | 10.0 | 2.00 | 10 | 08/12/24 14:04 | |
| Tetrachloroethene (PCE) | 2.10 U | 10.0 | 2.10 | 10 | 08/12/24 14:04 | |
| Toluene | 2.00 U | 10.0 | 2.00 | 10 | 08/12/24 14:04 | |
| Trichloroethene (TCE) | 2.00 U | 10.0 | 2.00 | 10 | 08/12/24 14:04 | |
| Trichlorofluoromethane (CFC 11) | 2.40 U | 10.0 | 2.40 | 10 | 08/12/24 14:04 | |
| Vinyl Chloride | 2.00 U | 10.0 | 2.00 | 10 | 08/12/24 14:04 | |
| cis-1,3-Dichloropropene | 2.00 U | 10.0 | 2.00 | 10 | 08/12/24 14:04 | |
| trans-1,2-Dichloroethene | 2.00 U | 10.0 | 2.00 | 10 | 08/12/24 14:04 | |
| trans-1,3-Dichloropropene | 2.30 U | 10.0 | 2.30 | 10 | 08/12/24 14:04 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407514 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 08/09/24 09:15 |
| **Sample Matrix:** | Water | **Date Received:** | 08/12/24 11:40 |
| **Sample Name:** | Lagoon Liquids | **Units:** | ug/L |
| **Lab Code:** | R2407514-001 | **Basis:** | NA |

## Volatile Organic Compounds by GC/MS

**Analysis Method:** 624.1

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 110 | 73 - 125 | 08/12/24 14:04 | |
| 4-Bromofluorobenzene | 105 | 85 - 122 | 08/12/24 14:04 | |
| Toluene-d8 | 107 | 87 - 121 | 08/12/24 14:04 | |

# Semivolatile Organic Compounds by GC

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| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407514 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 08/09/24 09:15 |
| **Sample Matrix:** | Water | **Date Received:** | 08/12/24 11:40 |
| **Sample Name:** | Lagoon Liquids | **Units:** | ug/L |
| **Lab Code:** | R2407514-001 | **Basis:** | NA |

## Low Level Polychlorinated Biphenyls by GC/ECD Modified for Extraction

**Analysis Method:** 608.3
**Prep Method:** Method

| Analyte Name | Result | MRL | MDL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|
| Aroclor 1016 | 0.0368 U | 0.0500 | 0.0368 | 1 | 08/15/24 11:37 | 8/12/24 | |
| Aroclor 1221 | 0.0500 U | 0.0500 | 0.0500 | 1 | 08/15/24 11:37 | 8/12/24 | |
| Aroclor 1232 | 0.0250 U | 0.0500 | 0.0250 | 1 | 08/15/24 11:37 | 8/12/24 | |
| Aroclor 1242 | 0.0250 U | 0.0500 | 0.0250 | 1 | 08/15/24 11:37 | 8/12/24 | |
| Aroclor 1248 | 0.0250 U | 0.0500 | 0.0250 | 1 | 08/15/24 11:37 | 8/12/24 | |
| Aroclor 1254 | 0.0250 U | 0.0500 | 0.0250 | 1 | 08/15/24 11:37 | 8/12/24 | |
| Aroclor 1260 | 0.0250 U | 0.0500 | 0.0250 | 1 | 08/15/24 11:37 | 8/12/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Tetrachloro-m-xylene | 17 | 13 - 131 | 08/15/24 11:37 | |
| Decachlorobiphenyl | 81 | 10 - 156 | 08/15/24 11:37 | |

# Metals

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| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407514 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | 08/09/24 09:15 |
| **Sample Matrix:** | Water | **Date Received:** | 08/12/24 11:40 |
| **Sample Name:** | Lagoon Liquids Dissolved | **Basis:** | NA |
| **Lab Code:** | R2407514-002 | | |

## Inorganic Parameters

| Analyte Name | Analysis Method | Result | Units | MRL | MDL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|---|
| Antimony, Dissolved | 200.8 | **0.3 J** | ug/L | 1.0 | 0.2 | 1 | 08/16/24 15:50 | 08/16/24 | |
| Arsenic, Dissolved | 200.8 | **0.7 J** | ug/L | 1.0 | 0.4 | 1 | 08/16/24 15:50 | 08/16/24 | |
| Beryllium | 200.8 | 0.08 U | ug/L | 1.0 | 0.08 | 1 | 08/16/24 15:50 | 08/16/24 | |
| Cadmium, Dissolved | 200.8 | 0.2 U | ug/L | 1.0 | 0.2 | 1 | 08/16/24 15:50 | 08/16/24 | |
| Chromium, Dissolved | 200.8 | **1.3 J** | ug/L | 2.0 | 0.6 | 1 | 08/16/24 15:50 | 08/16/24 | |
| Copper, Dissolved | 200.8 | **24.6** | ug/L | 1.0 | 0.7 | 1 | 08/16/24 15:50 | 08/16/24 | |
| Lead, Dissolved | 200.8 | **1.1** | ug/L | 1.0 | 0.2 | 1 | 08/16/24 15:50 | 08/16/24 | |
| Mercury, Dissolved | 245.1 | 0.08 U | ug/L | 0.20 | 0.08 | 1 | 08/19/24 09:42 | 08/16/24 | |
| Nickel, Dissolved | 200.8 | **0.9 J** | ug/L | 1.0 | 0.5 | 1 | 08/16/24 15:50 | 08/16/24 | |
| Selenium, Dissolved | 200.8 | 0.6 U | ug/L | 2.0 | 0.6 | 1 | 08/16/24 15:50 | 08/16/24 | |
| Silver, Dissolved | 200.8 | 0.4 U | ug/L | 1.0 | 0.4 | 1 | 08/16/24 15:50 | 08/16/24 | |
| Thallium, Dissolved | 200.8 | 0.04 U | ug/L | 1.0 | 0.04 | 1 | 08/16/24 15:50 | 08/16/24 | |
| Zinc, Dissolved | 200.8 | **3.7 J** | ug/L | 5.0 | 2.5 | 1 | 08/16/24 15:50 | 08/16/24 | |

# QC Summary Forms

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# Volatile Organic Compounds by GC/MS

**ALS Environmental—Rochester Laboratory**
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Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

**Client:** Sessler Environmental Services **Service Request:** R2407514
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Water

## SURROGATE RECOVERY SUMMARY
## Volatile Organic Compounds by GC/MS

**Analysis Method:** 624.1

| Sample Name | Lab Code | 1,2-Dichloroethane-d4 73 - 125 | 4-Bromofluorobenzene 85 - 122 | Toluene-d8 87 - 121 |
|---|---|---|---|---|
| Lagoon Liquids | R2407514-001 | 110 | 105 | 107 |
| Lab Control Sample | RQ2409787-04 | 103 | 97 | 101 |
| Method Blank | RQ2409787-06 | 111 | 102 | 107 |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407514 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Water | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2409787-06 | **Basis:** | NA |

## Volatile Organic Compounds by GC/MS

**Analysis Method:** 624.1

| Analyte Name | Result | MRL | MDL | Dil. | Date Analyzed | Q |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane (TCA) | 0.200 U | 1.00 | 0.200 | 1 | 08/12/24 13:39 | |
| 1,1,2,2-Tetrachloroethane | 0.200 U | 1.00 | 0.200 | 1 | 08/12/24 13:39 | |
| 1,1,2-Trichloroethane | 0.200 U | 1.00 | 0.200 | 1 | 08/12/24 13:39 | |
| 1,1-Dichloroethane (1,1-DCA) | 0.200 U | 1.00 | 0.200 | 1 | 08/12/24 13:39 | |
| 1,1-Dichloroethene (1,1-DCE) | 0.200 U | 1.00 | 0.200 | 1 | 08/12/24 13:39 | |
| 1,2-Dichlorobenzene | 0.200 U | 1.00 | 0.200 | 1 | 08/12/24 13:39 | |
| 1,2-Dichloroethane | 0.200 U | 1.00 | 0.200 | 1 | 08/12/24 13:39 | |
| 1,2-Dichloropropane | 0.200 U | 1.00 | 0.200 | 1 | 08/12/24 13:39 | |
| 1,3-Dichlorobenzene | 0.200 U | 1.00 | 0.200 | 1 | 08/12/24 13:39 | |
| 1,4-Dichlorobenzene | 0.200 U | 1.00 | 0.200 | 1 | 08/12/24 13:39 | |
| Acrylonitrile | 0.900 U | 10.0 | 0.900 | 1 | 08/12/24 13:39 | |
| Benzene | 0.200 U | 1.00 | 0.200 | 1 | 08/12/24 13:39 | |
| Bromodichloromethane | 0.200 U | 1.00 | 0.200 | 1 | 08/12/24 13:39 | |
| Bromoform | 0.250 U | 1.00 | 0.250 | 1 | 08/12/24 13:39 | |
| Bromomethane | 0.700 U | 1.00 | 0.700 | 1 | 08/12/24 13:39 | |
| Carbon Tetrachloride | 0.340 U | 1.00 | 0.340 | 1 | 08/12/24 13:39 | |
| Chlorobenzene | 0.200 U | 1.00 | 0.200 | 1 | 08/12/24 13:39 | |
| Chloroethane | 0.230 U | 1.00 | 0.230 | 1 | 08/12/24 13:39 | |
| Chloroform | 0.510 U | 1.00 | 0.510 | 1 | 08/12/24 13:39 | |
| Chloromethane | 0.800 U | 1.00 | 0.800 | 1 | 08/12/24 13:39 | |
| Dibromochloromethane | 0.200 U | 1.00 | 0.200 | 1 | 08/12/24 13:39 | |
| Methylene Chloride | 0.650 U | 1.00 | 0.650 | 1 | 08/12/24 13:39 | |
| Ethylbenzene | 0.200 U | 1.00 | 0.200 | 1 | 08/12/24 13:39 | |
| Tetrachloroethene (PCE) | 0.210 U | 1.00 | 0.210 | 1 | 08/12/24 13:39 | |
| Toluene | 0.200 U | 1.00 | 0.200 | 1 | 08/12/24 13:39 | |
| Trichloroethene (TCE) | 0.200 U | 1.00 | 0.200 | 1 | 08/12/24 13:39 | |
| Trichlorofluoromethane (CFC 11) | 0.240 U | 1.00 | 0.240 | 1 | 08/12/24 13:39 | |
| Vinyl Chloride | 0.200 U | 1.00 | 0.200 | 1 | 08/12/24 13:39 | |
| cis-1,3-Dichloropropene | 0.200 U | 1.00 | 0.200 | 1 | 08/12/24 13:39 | |
| trans-1,2-Dichloroethene | 0.200 U | 1.00 | 0.200 | 1 | 08/12/24 13:39 | |
| trans-1,3-Dichloropropene | 0.230 U | 1.00 | 0.230 | 1 | 08/12/24 13:39 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407514 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Water | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2409787-06 | **Basis:** | NA |

## Volatile Organic Compounds by GC/MS

**Analysis Method:** 624.1

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 111 | 73 - 125 | 08/12/24 13:39 | |
| 4-Bromofluorobenzene | 102 | 85 - 122 | 08/12/24 13:39 | |
| Toluene-d8 | 107 | 87 - 121 | 08/12/24 13:39 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Water

**Service Request:** R2407514
**Date Analyzed:** 08/12/24

## Lab Control Sample Summary
## Volatile Organic Compounds by GC/MS

**Units:**ug/L
**Basis:**NA

### Lab Control Sample
RQ2409787-04

| Analyte Name | Analytical Method | Result | Spike Amount | % Rec | % Rec Limits |
|---|---|---|---|---|---|
| 1,1,1-Trichloroethane (TCA) | 624.1 | 19.8 | 20.0 | 99 | 70-130 |
| 1,1,2,2-Tetrachloroethane | 624.1 | 17.8 | 20.0 | 89 | 60-140 |
| 1,1,2-Trichloroethane | 624.1 | 19.1 | 20.0 | 95 | 70-130 |
| 1,1-Dichloroethane (1,1-DCA) | 624.1 | 19.4 | 20.0 | 97 | 70-130 |
| 1,1-Dichloroethene (1,1-DCE) | 624.1 | 19.7 | 20.0 | 99 | 50-150 |
| 1,2-Dichlorobenzene | 624.1 | 19.6 | 20.0 | 98 | 65-135 |
| 1,2-Dichloroethane | 624.1 | 19.5 | 20.0 | 97 | 70-130 |
| 1,2-Dichloropropane | 624.1 | 17.6 | 20.0 | 88 | 35-165 |
| 1,3-Dichlorobenzene | 624.1 | 20.2 | 20.0 | 101 | 70-130 |
| 1,4-Dichlorobenzene | 624.1 | 20.5 | 20.0 | 103 | 65-135 |
| Acrylonitrile | 624.1 | 75.6 | 100 | 76 | 60-140 |
| Benzene | 624.1 | 19.5 | 20.0 | 97 | 65-135 |
| Bromodichloromethane | 624.1 | 20.0 | 20.0 | 100 | 65-135 |
| Bromoform | 624.1 | 21.1 | 20.0 | 105 | 70-130 |
| Bromomethane | 624.1 | 19.9 | 20.0 | 99 | 15-185 |
| Carbon Tetrachloride | 624.1 | 19.0 | 20.0 | 95 | 70-130 |
| Chlorobenzene | 624.1 | 18.9 | 20.0 | 94 | 65-135 |
| Chloroethane | 624.1 | 15.4 | 20.0 | 77 | 40-160 |
| Chloroform | 624.1 | 19.0 | 20.0 | 95 | 70-135 |
| Chloromethane | 624.1 | 18.3 | 20.0 | 92 | 1-205 |
| Dibromochloromethane | 624.1 | 20.5 | 20.0 | 103 | 70-135 |
| Methylene Chloride | 624.1 | 20.0 | 20.0 | 100 | 60-140 |
| Ethylbenzene | 624.1 | 20.0 | 20.0 | 100 | 60-140 |
| Tetrachloroethene (PCE) | 624.1 | 19.9 | 20.0 | 100 | 70-130 |
| Toluene | 624.1 | 19.2 | 20.0 | 96 | 70-130 |
| Trichloroethene (TCE) | 624.1 | 19.1 | 20.0 | 96 | 65-135 |
| Trichlorofluoromethane (CFC 11) | 624.1 | 20.1 | 20.0 | 101 | 50-150 |
| Vinyl Chloride | 624.1 | 17.7 | 20.0 | 88 | 5-195 |
| cis-1,3-Dichloropropene | 624.1 | 20.7 | 20.0 | 103 | 25-175 |
| trans-1,2-Dichloroethene | 624.1 | 19.0 | 20.0 | 95 | 70-130 |
| trans-1,3-Dichloropropene | 624.1 | 20.9 | 20.0 | 105 | 50-150 |

# Semivolatile Organic Compounds by GC

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**Client:** Sessler Environmental Services **Service Request:** R2407514
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Water

## SURROGATE RECOVERY SUMMARY

### Low Level Polychlorinated Biphenyls by GC/ECD Modified for Extraction

**Analysis Method:** 608.3
**Extraction Method:** Method

| Sample Name | Lab Code | Decachlorobiphenyl 10 - 156 | Tetrachloro-m-xylene 13 - 131 |
|---|---|---|---|
| Lagoon Liquids | R2407514-001 | 81 P | 17 |
| Method Blank | RQ2409752-01 | 48 | 62 |
| Lab Control Sample | RQ2409752-02 | 49 | 64 |
| Duplicate Lab Control Sample | RQ2409752-03 | 56 | 67 |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407514 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Water | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Units:** | ug/L |
| **Lab Code:** | RQ2409752-01 | **Basis:** | NA |

## Low Level Polychlorinated Biphenyls by GC/ECD Modified for Extraction

**Analysis Method:** 608.3
**Prep Method:** Method

| Analyte Name | Result | MRL | MDL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|
| Aroclor 1016 | 0.0368 U | 0.0500 | 0.0368 | 1 | 08/15/24 10:56 | 8/12/24 | |
| Aroclor 1221 | 0.0500 U | 0.0500 | 0.0500 | 1 | 08/15/24 10:56 | 8/12/24 | |
| Aroclor 1232 | 0.0250 U | 0.0500 | 0.0250 | 1 | 08/15/24 10:56 | 8/12/24 | |
| Aroclor 1242 | 0.0250 U | 0.0500 | 0.0250 | 1 | 08/15/24 10:56 | 8/12/24 | |
| Aroclor 1248 | 0.0250 U | 0.0500 | 0.0250 | 1 | 08/15/24 10:56 | 8/12/24 | |
| Aroclor 1254 | 0.0250 U | 0.0500 | 0.0250 | 1 | 08/15/24 10:56 | 8/12/24 | |
| Aroclor 1260 | 0.0250 U | 0.0500 | 0.0250 | 1 | 08/15/24 10:56 | 8/12/24 | |

| Surrogate Name | % Rec | Control Limits | Date Analyzed | Q |
|---|---|---|---|---|
| Tetrachloro-m-xylene | 62 | 13 - 131 | 08/15/24 10:56 | |
| Decachlorobiphenyl | 48 | 10 - 156 | 08/15/24 10:56 | |

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Water

**Service Request:** R2407514
**Date Analyzed:** 08/15/24

## Duplicate Lab Control Sample Summary
## Low Level Polychlorinated Biphenyls by GC/ECD Modified for Extraction

**Units:**ug/L
**Basis:**NA

| | | Lab Control Sample | | | Duplicate Lab Control Sample | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | RQ2409752-02 | | | RQ2409752-03 | | | | | |
| **Analyte Name** | **Analytical Method** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| Aroclor 1016 | 608.3 | 0.375 | 0.500 | 75 | 0.395 | 0.500 | 79 | 50-140 | 5 | 36 |
| Aroclor 1260 | 608.3 | 0.371 | 0.500 | 74 | 0.403 | 0.500 | 81 | 10-140 | 8 | 38 |

# Metals

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Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407514 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Water | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Basis:** | NA |
| **Lab Code:** | R2407514-MB1 | | |

## Inorganic Parameters

| Analyte Name | Analysis Method | Result | Units | MRL | MDL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|---|
| Antimony, Dissolved | 200.8 | 0.2 U | ug/L | 1.0 | 0.2 | 1 | 08/16/24 15:44 | 08/16/24 | |
| Arsenic, Dissolved | 200.8 | 0.4 U | ug/L | 1.0 | 0.4 | 1 | 08/16/24 15:44 | 08/16/24 | |
| Beryllium | 200.8 | 0.08 U | ug/L | 1.0 | 0.08 | 1 | 08/16/24 15:44 | 08/16/24 | |
| Cadmium, Dissolved | 200.8 | 0.2 U | ug/L | 1.0 | 0.2 | 1 | 08/16/24 15:44 | 08/16/24 | |
| Chromium, Dissolved | 200.8 | 0.6 U | ug/L | 2.0 | 0.6 | 1 | 08/16/24 15:44 | 08/16/24 | |
| Copper, Dissolved | 200.8 | 0.7 U | ug/L | 1.0 | 0.7 | 1 | 08/16/24 15:44 | 08/16/24 | |
| Lead, Dissolved | 200.8 | 0.2 U | ug/L | 1.0 | 0.2 | 1 | 08/16/24 15:44 | 08/16/24 | |
| Mercury, Dissolved | 245.1 | 0.08 U | ug/L | 0.20 | 0.08 | 1 | 08/19/24 09:34 | 08/16/24 | |
| Nickel, Dissolved | 200.8 | 0.5 U | ug/L | 1.0 | 0.5 | 1 | 08/16/24 15:44 | 08/16/24 | |
| Selenium, Dissolved | 200.8 | 0.6 U | ug/L | 2.0 | 0.6 | 1 | 08/16/24 15:44 | 08/16/24 | |
| Silver, Dissolved | 200.8 | 0.4 U | ug/L | 1.0 | 0.4 | 1 | 08/16/24 15:44 | 08/16/24 | |
| Thallium, Dissolved | 200.8 | 0.04 U | ug/L | 1.0 | 0.04 | 1 | 08/16/24 15:44 | 08/16/24 | |
| Zinc, Dissolved | 200.8 | 2.5 U | ug/L | 5.0 | 2.5 | 1 | 08/16/24 15:44 | 08/16/24 | |

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | Sessler Environmental Services | **Service Request:** | R2407514 |
| **Project:** | Bisonite Paint BCP/24-E878 | **Date Collected:** | NA |
| **Sample Matrix:** | Water | **Date Received:** | NA |
| **Sample Name:** | Method Blank | **Basis:** | NA |
| **Lab Code:** | R2407514-MB2 | | |

## Inorganic Parameters

| Analyte Name | Analysis Method | Result | Units | MRL | MDL | Dil. | Date Analyzed | Date Extracted | Q |
|---|---|---|---|---|---|---|---|---|---|
| Antimony, Dissolved | 200.8 | 0.2 U | ug/L | 1.0 | 0.2 | 1 | 08/16/24 15:46 | 08/16/24 | |
| Arsenic, Dissolved | 200.8 | 0.4 U | ug/L | 1.0 | 0.4 | 1 | 08/16/24 15:46 | 08/16/24 | |
| Beryllium | 200.8 | 0.08 U | ug/L | 1.0 | 0.08 | 1 | 08/16/24 15:46 | 08/16/24 | |
| Cadmium, Dissolved | 200.8 | 0.2 U | ug/L | 1.0 | 0.2 | 1 | 08/16/24 15:46 | 08/16/24 | |
| Chromium, Dissolved | 200.8 | 0.6 U | ug/L | 2.0 | 0.6 | 1 | 08/16/24 15:46 | 08/16/24 | |
| Copper, Dissolved | 200.8 | 0.7 U | ug/L | 1.0 | 0.7 | 1 | 08/16/24 15:46 | 08/16/24 | |
| Lead, Dissolved | 200.8 | 0.2 U | ug/L | 1.0 | 0.2 | 1 | 08/16/24 15:46 | 08/16/24 | |
| Mercury, Dissolved | 245.1 | 0.08 U | ug/L | 0.20 | 0.08 | 1 | 08/19/24 09:37 | 08/16/24 | |
| Nickel, Dissolved | 200.8 | 0.5 U | ug/L | 1.0 | 0.5 | 1 | 08/16/24 15:46 | 08/16/24 | |
| Selenium, Dissolved | 200.8 | 0.6 U | ug/L | 2.0 | 0.6 | 1 | 08/16/24 15:46 | 08/16/24 | |
| Silver, Dissolved | 200.8 | 0.4 U | ug/L | 1.0 | 0.4 | 1 | 08/16/24 15:46 | 08/16/24 | |
| Thallium, Dissolved | 200.8 | 0.04 U | ug/L | 1.0 | 0.04 | 1 | 08/16/24 15:46 | 08/16/24 | |
| Zinc, Dissolved | 200.8 | 2.5 U | ug/L | 5.0 | 2.5 | 1 | 08/16/24 15:46 | 08/16/24 | |

**ALS Group USA, Corp.**
**dba ALS Environmental**

QA/QC Report

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Water

**Service Request:**R2407514
**Date Collected:**08/09/24
**Date Received:**08/12/24
**Date Analyzed:**8/16/24

## Duplicate Matrix Spike Summary
## Inorganic Parameters

**Sample Name:** Lagoon Liquids Dissolved
**Lab Code:** R2407514-002

**Units:**ug/L
**Basis:**NA

| | | | Matrix Spike R2407514-002MS | | | Duplicate Matrix Spike R2407514-002DMS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Analyte Name** | **Method** | **Sample Result** | **Result** | **Spike Amount** | **% Rec** | **Result** | **Spike Amount** | **% Rec** | **% Rec Limits** | **RPD** | **RPD Limit** |
| Antimony, Dissolved | 200.8 | 0.3 J | 21.8 | 20.0 | 107 | 22.4 | 20.0 | 111 | 70-130 | 3 | 20 |
| Arsenic, Dissolved | 200.8 | 0.7 J | 21.9 | 20.0 | 106 | 22.6 | 20.0 | 109 | 70-130 | 3 | 20 |
| Beryllium | 200.8 | 0.08 U | 23.4 | 20.0 | 117 | 24.4 | 20.0 | 122 | 70-130 | 4 | 20 |
| Cadmium, Dissolved | 200.8 | 0.2 U | 21.3 | 20.0 | 106 | 21.7 | 20.0 | 108 | 70-130 | 2 | 20 |
| Chromium, Dissolved | 200.8 | 1.3 J | 21.7 | 20.0 | 102 | 22.5 | 20.0 | 106 | 70-130 | 3 | 20 |
| Copper, Dissolved | 200.8 | 24.6 | 44.1 | 20.0 | 97 | 44.4 | 20.0 | 99 | 70-130 | <1 | 20 |
| Lead, Dissolved | 200.8 | 1.1 | 22.0 | 20.0 | 104 | 21.8 | 20.0 | 103 | 70-130 | <1 | 20 |
| Nickel, Dissolved | 200.8 | 0.9 J | 21.3 | 20.0 | 102 | 21.4 | 20.0 | 103 | 70-130 | <1 | 20 |
| Selenium, Dissolved | 200.8 | 0.6 U | 22.8 | 20.0 | 114 | 23.4 | 20.0 | 117 | 70-130 | 3 | 20 |
| Silver, Dissolved | 200.8 | 0.4 U | 15.7 | 20.0 | 79 | 16.2 | 20.0 | 81 | 70-130 | 3 | 20 |
| Thallium, Dissolved | 200.8 | 0.04 U | 21.5 | 20.0 | 108 | 21.7 | 20.0 | 109 | 70-130 | <1 | 20 |
| Zinc, Dissolved | 200.8 | 3.7 J | 25.6 | 20.0 | 110 | 25.2 | 20.0 | 108 | 70-130 | 2 | 20 |

**Results flagged with an asterisk (*) indicate values outside control criteria.**

**Results flagged with a pound (#) indicate the control criteria is not applicable.**

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

**Client:** Sessler Environmental Services
**Project:** Bisonite Paint BCP/24-E878
**Sample Matrix:** Water

**Service Request:** R2407514
**Date Analyzed:** 08/16/24 - 08/19/24

## Lab Control Sample Summary
## Inorganic Parameters

**Units:**ug/L
**Basis:**NA

### Lab Control Sample
R2407514-LCS

| Analyte Name | Analytical Method | Result | Spike Amount | % Rec | % Rec Limits |
|---|---|---|---|---|---|
| Antimony, Dissolved | 200.8 | 20.8 | 20.0 | 104 | 85-115 |
| Arsenic, Dissolved | 200.8 | 20.7 | 20.0 | 103 | 85-115 |
| Beryllium | 200.8 | 20.9 | 20.0 | 105 | 85-115 |
| Cadmium, Dissolved | 200.8 | 20.7 | 20.0 | 104 | 85-115 |
| Chromium, Dissolved | 200.8 | 21.4 | 20.0 | 107 | 85-115 |
| Copper, Dissolved | 200.8 | 20.7 | 20.0 | 103 | 85-115 |
| Lead, Dissolved | 200.8 | 20.5 | 20.0 | 103 | 85-115 |
| Mercury, Dissolved | 245.1 | 0.985 | 1.00 | 99 | 85-115 |
| Nickel, Dissolved | 200.8 | 21.0 | 20.0 | 105 | 85-115 |
| Selenium, Dissolved | 200.8 | 21.0 | 20.0 | 105 | 85-115 |
| Silver, Dissolved | 200.8 | 17.5 | 20.0 | 87 | 85-115 |
| Thallium, Dissolved | 200.8 | 21.2 | 20.0 | 106 | 85-115 |
| Zinc, Dissolved | 200.8 | 21.1 | 20.0 | 106 | 85-115 |

# APPENDIX H

# WELL DECOMMISSIONING LOGS

FIGURE 3

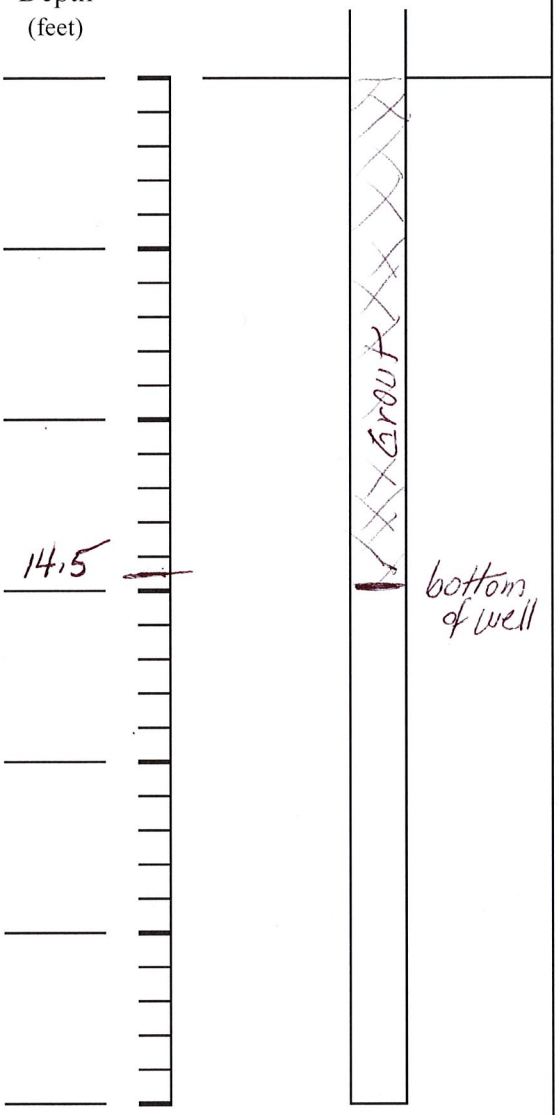
# WELL DECOMMISSIONING RECORD

| | |
|---|---|
| Site Name: Bisonite Point BCP | Well I.D.: MW-3 |
| Site Location: Tonawanda, New York | Driller: |
| Drilling Co.: Sessler Environmental | Inspector: E. Spirito |
| | Date: September 3, 2024 |

## DECOMMISSIONING DATA
(Fill in all that apply)

| | |
|---|---|
| **OVERDRILLING** | |
| Interval Drilled | |
| Drilling Method(s) | |
| Borehole Dia. (in.) | |
| Temporary Casing Installed? (y/n) | |
| Depth temporary casing installed | |
| Casing type/dia. (in.) | |
| Method of installing | |
| **CASING PULLING** | |
| Method employed | |
| Casing retrieved (feet) | |
| Casing type/dia. (in) | |
| **CASING PERFORATING** | |
| Equipment used | |
| Number of perforations/foot | |
| Size of perforations | |
| Interval perforated | |
| **GROUTING** | |
| Interval grouted (FBLS) | 0 – 14.5 |
| # of batches prepared | |
| For each batch record: | |
| Quantity of water used (gal.) | 8 |
| Quantity of cement used (lbs.) | 94 |
| Cement type | |
| Quantity of bentonite used (lbs.) | 3.9 |
| Quantity of calcium chloride used (lbs.) | |
| Volume of grout prepared (gal.) | |
| Volume of grout used (gal.) | |

## WELL SCHEMATIC*




COMMENTS: MW-3 was grouted entire length and allowed to set prior to pulling

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

Department Representative

FIGURE 3

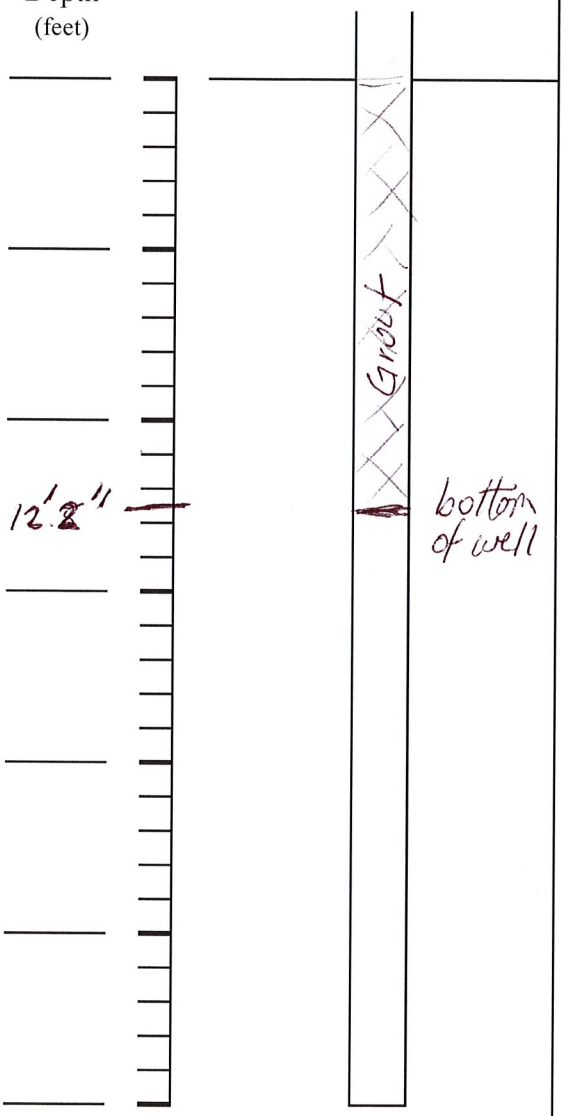
# WELL DECOMMISSIONING RECORD

| | |
|---|---|
| Site Name: Bisonite Paint - BCP | Well I.D.: MW-4 |
| Site Location: Tonawanda, New York | Driller: |
| Drilling Co.: Sessler Environmental | Inspector: E. Spirito |
| | Date: 8/1, 8/20/24 |

## DECOMMISSIONING DATA
(Fill in all that apply)

| | |
|---|---|
| **OVERDRILLING** | |
| Interval Drilled | |
| Drilling Method(s) | |
| Borehole Dia. (in.) | |
| Temporary Casing Installed? (y/n) | |
| Depth temporary casing installed | |
| Casing type/dia. (in.) | |
| Method of installing | |
| **CASING PULLING** | |
| Method employed | |
| Casing retrieved (feet) | |
| Casing type/dia. (in) | |
| **CASING PERFORATING** | |
| Equipment used | |
| Number of perforations/foot | |
| Size of perforations | |
| Interval perforated | |
| **GROUTING** | |
| Interval grouted (FBLS) | 0 - 12'2" |
| # of batches prepared | |
| For each batch record: | |
| Quantity of water used (gal.) | 8 |
| Quantity of cement used (lbs.) | 94 |
| Cement type | |
| Quantity of bentonite used (lbs.) | 3.9 |
| Quantity of calcium chloride used (lbs.) | |
| Volume of grout prepared (gal.) | |
| Volume of grout used (gal.) | |

## WELL SCHEMATIC*




COMMENTS: 8/1/24 - well grouted entire length
8/20/24 - well length exposed with excavator - no evidence of impairment entire length of well pulled. Well length was measured @ 12'2".

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

Department Representative

# APPENDIX I

# TABLES PRESENTING FULL LISTS OF ANALYTES REPORTED

# Appendix I-1
## Documentation Sample Results - All Analytes

| SAMPLE ID: | Part 375 Commercial Use SCOs (mg/Kg) | Part 375 Groundwater SCOs (mg/Kg) | TRENCH-01 | | TRENCH-02 | | TRENCH-03 (1) | | TRENCH-04 (1) | | TRENCH-05 (1) | | TRENCH-06 (1) | | TRENCH-07 (1) | | TRENCH-08 (1) | | TRENCH-09 (1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| COLLECTION DATE: | | | 7/18/2024 | | 7/18/2024 | | 7/18/2024 | | 7/18/2024 | | 7/18/2024 | | 7/18/2024 | | 7/18/2024 | | 7/18/2024 | | 7/18/2024 | |
| SAMPLE DEPTH: | | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| SAMPLE MATRIX: | | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | |
| ANALYTE | | | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q |
| **VOLATILE ORGANICS BY GC/MS** | | | | | | | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane | 500 | 0.68 | <0.0002 | U | <0.0002 | U | <0.00024 | U | <0.00021 | U | <0.00022 | U | <0.0002 | U | <0.00027 | U | <0.00021 | U | <0.00016 | U |
| 1,1,2,2-Tetrachloroethane | | | <0.0002 | U | <0.0002 | U | <0.00024 | U | <0.00021 | U | <0.00022 | U | <0.0002 | U | <0.00027 | U | <0.00021 | U | <0.00016 | U |
| 1,1,2-Trichloroethane | | | <0.00032 | U | <0.00031 | U | <0.00038 | U | <0.00034 | U | <0.00036 | U | <0.00032 | U | <0.00043 | U | <0.00034 | U | <0.00026 | U |
| 1,1-Dichloroethane | 240 | 0.27 | <0.00018 | U | <0.00017 | U | <0.0002 | U | <0.00018 | U | <0.00019 | U | <0.00017 | U | <0.00023 | U | <0.00018 | U | <0.00014 | U |
| 1,1-Dichloroethene | 500 | 0.33 | <0.00029 | U | <0.00028 | U | <0.00034 | U | <0.0003 | U | <0.00032 | U | <0.00028 | U | <0.00038 | U | <0.0003 | U | <0.00023 | U |
| 1,2,3-Trichlorobenzene | | | <0.00039 | U | <0.00038 | U | <0.00046 | U | <0.00041 | U | <0.00043 | U | <0.00039 | U | <0.00052 | U | <0.00041 | U | <0.00032 | U |
| 1,2,4-Trichlorobenzene | | | <0.00033 | U | <0.00032 | U | <0.00038 | U | <0.00034 | U | <0.00036 | U | <0.00033 | U | <0.00044 | U | <0.00034 | U | <0.00027 | U |
| 1,2-Dibromo-3-chloropropane | | | <0.0012 | U | <0.0012 | U | <0.0014 | U | <0.0013 | U | <0.0013 | U | <0.0012 | U | <0.0016 | U | <0.0013 | U | <0.00098 | U |
| 1,2-Dibromoethane | | | <0.00034 | U | <0.00033 | U | <0.0004 | U | <0.00035 | U | <0.00037 | U | <0.00034 | U | <0.00045 | U | <0.00035 | U | <0.00028 | U |
| 1,2-Dichlorobenzene | 500 | 1.1 | <0.00017 | U | <0.00017 | U | <0.0002 | U | <0.00018 | U | <0.00019 | U | <0.00017 | U | <0.00023 | U | <0.00018 | U | <0.00014 | U |
| 1,2-Dichloroethane | 30 | 0.02 | <0.00031 | U | <0.0003 | U | <0.00036 | U | <0.00033 | U | <0.00034 | U | <0.00031 | U | <0.00042 | U | <0.00033 | U | <0.00025 | U |
| 1,2-Dichloropropane | | | <0.00015 | U | <0.00015 | U | <0.00018 | U | <0.00016 | U | <0.00017 | U | <0.00015 | U | <0.0002 | U | <0.00016 | U | <0.00012 | U |
| 1,3-Dichlorobenzene | 280 | 2.4 | <0.00018 | U | <0.00017 | U | <0.00021 | U | <0.00019 | U | <0.0002 | U | <0.00018 | U | <0.00024 | U | <0.00019 | U | <0.00015 | U |
| 1,4-Dichlorobenzene | 130 | 1.8 | <0.00021 | U | <0.0002 | U | <0.00024 | U | <0.00022 | U | <0.00023 | U | <0.0002 | U | <0.00028 | U | <0.00022 | U | <0.00017 | U |
| 1,4-Dioxane | 130 | 0.1 | <0.042 | U | <0.041 | U | <0.05 | U | <0.045 | U | <0.047 | U | <0.042 | U | <0.057 | U | <0.045 | U | <0.035 | U |
| 2-Butanone | 500 | 0.12 | <0.0027 | U | <0.0026 | U | <0.0031 | U | <0.0028 | U | <0.003 | U | <0.0027 | U | <0.0036 | U | <0.0028 | U | <0.0022 | U |
| 2-Hexanone | | | <0.0014 | U | <0.0014 | U | <0.0017 | U | <0.0015 | U | <0.0016 | U | <0.0014 | U | <0.0019 | U | <0.0015 | U | <0.0012 | U |
| 4-Methyl-2-pentanone | | | <0.0015 | U | <0.0015 | U | <0.0018 | U | <0.0016 | U | <0.0017 | U | <0.0015 | U | <0.0021 | U | <0.0016 | U | <0.0013 | U |
| Acetone | 500 | 0.05 | <0.0058 | U | <0.0056 | U | <0.0068 | U | <0.0061 | U | <0.0064 | U | <0.0058 | U | <0.0078 | U | <0.0061 | U | <0.0047 | U |
| Benzene | 44 | 0.06 | <0.0002 | U | <0.0002 | U | <0.00024 | U | <0.00021 | U | <0.00022 | U | <0.0002 | U | <0.00027 | U | <0.00021 | U | <0.00016 | U |
| Bromochloromethane | | | <0.00025 | U | <0.00024 | U | <0.00029 | U | <0.00026 | U | <0.00027 | U | <0.00025 | U | <0.00033 | U | <0.00026 | U | <0.0002 | U |
| Bromodichloromethane | | | <0.00013 | U | <0.00013 | U | <0.00015 | U | <0.00014 | U | <0.00014 | U | <0.00013 | U | <0.00018 | U | <0.00014 | U | <0.00011 | U |
| Bromoform | | | <0.0003 | U | <0.00029 | U | <0.00035 | U | <0.00031 | U | <0.00033 | U | <0.0003 | U | <0.0004 | U | <0.00031 | U | <0.00024 | U |
| Bromomethane | | | <0.0007 | U | <0.00068 | U | <0.00082 | U | <0.00074 | U | <0.00077 | U | <0.0007 | U | <0.00094 | U | <0.00074 | U | <0.00057 | U |
| Carbon disulfide | | | <0.0055 | U | <0.0053 | U | <0.0064 | U | <0.0058 | U | <0.006 | U | <0.0055 | U | <0.0074 | U | <0.0058 | U | <0.0045 | U |
| Carbon tetrachloride | 22 | 0.76 | <0.00028 | U | <0.00027 | U | <0.00033 | U | <0.00029 | U | <0.0003 | U | <0.00028 | U | <0.00037 | U | <0.00029 | U | <0.00023 | U |
| Chlorobenzene | 500 | 1.1 | <0.00015 | U | <0.00015 | U | <0.00018 | U | <0.00016 | U | <0.00017 | U | <0.00015 | U | <0.0002 | U | <0.00016 | U | <0.00012 | U |
| Chloroethane | | | <0.00055 | U | <0.00053 | U | <0.00064 | U | <0.00057 | U | <0.0006 | U | <0.00054 | U | <0.00073 | U | <0.00057 | U | <0.00045 | U |
| Chloroform | 350 | 0.37 | <0.00017 | U | <0.00016 | U | <0.0002 | U | <0.00018 | U | <0.00019 | U | <0.00017 | U | <0.00023 | U | <0.00018 | U | <0.00014 | U |
| Chloromethane | | | <0.0011 | U | <0.0011 | U | <0.0013 | U | <0.0012 | U | <0.0012 | U | <0.0011 | U | <0.0015 | U | <0.0012 | U | <0.00092 | U |
| cis-1,2-Dichloroethene | 500 | 0.25 | <0.00021 | U | <0.0002 | U | <0.00025 | U | <0.00022 | U | <0.00023 | U | <0.00021 | U | <0.00028 | U | <0.00022 | U | <0.00017 | U |
| cis-1,3-Dichloropropene | | | <0.00019 | U | <0.00018 | U | <0.00022 | U | <0.0002 | U | <0.00021 | U | <0.00019 | U | <0.00026 | U | <0.0002 | U | <0.00016 | U |
| Cyclohexane | | | <0.00066 | U | <0.00064 | U | <0.00077 | U | <0.00069 | U | <0.00072 | U | <0.00065 | U | <0.00088 | U | <0.00069 | U | <0.00054 | U |
| Dibromochloromethane | | | <0.00017 | U | <0.00016 | U | <0.0002 | U | <0.00018 | U | <0.00019 | U | <0.00017 | U | <0.00023 | U | <0.00018 | U | <0.00014 | U |
| Dichlorodifluoromethane | | | <0.0011 | U | <0.0011 | U | <0.0013 | U | <0.0012 | U | <0.0012 | U | <0.0011 | U | <0.0015 | U | <0.0012 | U | <0.0009 | U |
| Ethylbenzene | 390 | 1 | <0.00017 | U | <0.00016 | U | <0.0002 | U | <0.00018 | U | <0.00019 | U | <0.00017 | U | <0.00023 | U | <0.00018 | U | <0.00014 | U |
| Freon-113 | | | <0.00084 | U | <0.00081 | U | <0.00098 | U | <0.00088 | U | <0.00092 | U | <0.00083 | U | <0.0011 | U | <0.00088 | U | <0.00068 | U |
| Isopropylbenzene | | | <0.00013 | U | <0.00013 | U | <0.00015 | U | <0.00014 | U | <0.00014 | U | <0.00013 | U | <0.00018 | U | <0.00014 | U | <0.00011 | U |
| Methyl Acetate | | | <0.0011 | U | <0.0011 | U | <0.0013 | U | <0.0012 | U | <0.0013 | U | <0.0011 | U | <0.0015 | U | <0.0012 | U | <0.00094 | U |
| Methyl cyclohexane | | | <0.00073 | U | <0.00071 | U | <0.00085 | U | <0.00077 | U | <0.0008 | U | <0.00072 | U | <0.00098 | U | <0.00077 | U | <0.0006 | U |
| Methyl tert butyl ether | 500 | 0.93 | <0.00024 | U | <0.00024 | U | <0.00028 | U | <0.00026 | U | <0.00027 | U | <0.00024 | U | <0.00032 | U | <0.00026 | U | <0.0002 | U |
| Methylene chloride | 500 | 0.05 | <0.0028 | U | <0.0027 | U | <0.0032 | U | <0.0029 | U | <0.003 | U | <0.0028 | U | <0.0037 | U | <0.0029 | U | <0.0023 | U |
| o-Xylene | | | <0.00035 | U | <0.00034 | U | <0.00041 | U | <0.00037 | U | <0.00039 | U | <0.00035 | U | <0.00047 | U | <0.00037 | U | <0.00029 | U |
| p/m-Xylene | | | <0.00068 | U | <0.00066 | U | <0.00079 | U | <0.00071 | U | <0.00074 | U | <0.00067 | U | <0.00091 | U | <0.00071 | U | <0.00055 | U |
| Styrene | | | <0.00024 | U | <0.00023 | U | <0.00028 | U | <0.00025 | U | <0.00026 | U | <0.00024 | U | <0.00032 | U | <0.00025 | U | <0.00019 | U |
| Tetrachloroethene | 150 | 1.3 | <0.00024 | U | <0.00023 | U | <0.00028 | U | <0.00025 | U | <0.00026 | U | <0.00024 | U | <0.00032 | U | <0.00025 | U | <0.00019 | U |
| Toluene | 500 | 0.7 | <0.00066 | U | <0.00064 | U | <0.00077 | U | <0.00069 | U | <0.00072 | U | <0.00065 | U | <0.00088 | U | <0.00069 | U | <0.00054 | U |
| trans-1,2-Dichloroethene | 500 | 0.19 | <0.00016 | U | <0.00016 | U | <0.00019 | U | <0.00017 | U | <0.00018 | U | <0.00016 | U | <0.00022 | U | <0.00017 | U | <0.00014 | U |
| trans-1,3-Dichloropropene | | | <0.00033 | U | <0.00032 | U | <0.00039 | U | <0.00035 | U | <0.00036 | U | <0.00033 | U | <0.00044 | U | <0.00035 | U | <0.00027 | U |
| Trichloroethene | 200 | 0.47 | <0.00016 | U | <0.00016 | U | <0.00019 | U | <0.00017 | U | <0.00018 | U | <0.00016 | U | <0.00022 | U | <0.00017 | U | <0.00014 | U |
| Trichlorofluoromethane | | | <0.00084 | U | <0.00082 | U | <0.00098 | U | <0.00088 | U | <0.00092 | U | <0.00083 | U | <0.0011 | U | <0.00088 | U | <0.00069 | U |

# Appendix I-1
## Documentation Sample Results - All Analytes

| SAMPLE ID: | Part 375 Commercial Use SCOs (mg/Kg) | Part 375 Groundwater SCOs (mg/Kg) | TRENCH-01 | | TRENCH-02 | | TRENCH-03 (1) | | TRENCH-04 (1) | | TRENCH-05 (1) | | TRENCH-06 (1) | | TRENCH-07 (1) | | TRENCH-08 (1) | | TRENCH-09 (1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| COLLECTION DATE: | | | 7/18/2024 | | 7/18/2024 | | 7/18/2024 | | 7/18/2024 | | 7/18/2024 | | 7/18/2024 | | 7/18/2024 | | 7/18/2024 | | 7/18/2024 | |
| SAMPLE DEPTH: | | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| SAMPLE MATRIX: | | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | |
| Vinyl chloride | 13 | 0.02 | <0.0004 | U | <0.00039 | U | <0.00047 | U | <0.00042 | U | <0.00044 | U | <0.0004 | U | <0.00054 | U | <0.00042 | U | <0.00033 | U |
| Total VOCs | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **SEMIVOLATILE ORGANICS BY GC/MS** | | | | | | | | | | | | | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | | | <0.022 | U | <0.021 | U | <0.021 | U | <0.02 | U | <0.02 | U | <0.022 | U | <0.021 | U | <0.021 | U | <0.021 | U |
| 2,3,4,6-Tetrachlorophenol | | | <0.042 | U | <0.041 | U | <0.04 | U | <0.039 | U | <0.039 | U | <0.042 | U | <0.041 | U | <0.04 | U | <0.041 | U |
| 2,4,5-Trichlorophenol | | | <0.04 | U | <0.039 | U | <0.038 | U | <0.037 | U | <0.037 | U | <0.04 | U | <0.039 | U | <0.038 | U | <0.038 | U |
| 2,4,6-Trichlorophenol | | | <0.039 | U | <0.039 | U | <0.038 | U | <0.037 | U | <0.037 | U | <0.04 | U | <0.039 | U | <0.038 | U | <0.038 | U |
| 2,4-Dichlorophenol | | | <0.033 | U | <0.033 | U | <0.032 | U | <0.031 | U | <0.031 | U | <0.034 | U | <0.033 | U | <0.032 | U | <0.032 | U |
| 2,4-Dimethylphenol | | | <0.068 | U | <0.067 | U | <0.066 | U | <0.064 | U | <0.064 | U | <0.069 | U | <0.068 | U | <0.066 | U | <0.066 | U |
| 2,4-Dinitrophenol | | | <0.096 | U | <0.095 | U | <0.093 | U | <0.09 | U | <0.091 | U | <0.097 | U | <0.095 | U | <0.093 | U | <0.094 | U |
| 2,4-Dinitrotoluene | | | <0.041 | U | <0.041 | U | <0.04 | U | <0.039 | U | <0.039 | U | <0.042 | U | <0.041 | U | <0.04 | U | <0.04 | U |
| 2,6-Dinitrotoluene | | | <0.035 | U | <0.035 | U | <0.034 | U | <0.033 | U | <0.033 | U | <0.036 | U | <0.035 | U | <0.034 | U | <0.034 | U |
| 2-Chloronaphthalene | | | <0.02 | U | <0.02 | U | <0.02 | U | <0.019 | U | <0.019 | U | <0.021 | U | <0.02 | U | <0.02 | U | <0.02 | U |
| 2-Chlorophenol | | | <0.024 | U | <0.024 | U | <0.024 | U | <0.023 | U | <0.023 | U | <0.025 | U | <0.024 | U | <0.024 | U | <0.024 | U |
| 2-Methylnaphthalene | | | <0.025 | U | <0.025 | U | <0.024 | U | <0.023 | U | <0.024 | U | <0.025 | U | <0.025 | U | <0.024 | U | <0.024 | U |
| 2-Methylphenol | 500 | 0.33 | <0.032 | U | <0.032 | U | <0.031 | U | <0.03 | U | <0.03 | U | <0.032 | U | <0.032 | U | <0.031 | U | <0.031 | U |
| 2-Nitroaniline | | | <0.04 | U | <0.039 | U | <0.038 | U | <0.037 | U | <0.038 | U | <0.04 | U | <0.039 | U | <0.038 | U | <0.039 | U |
| 2-Nitrophenol | | | <0.078 | U | <0.077 | U | <0.075 | U | <0.073 | U | <0.073 | U | <0.078 | U | <0.077 | U | <0.075 | U | <0.076 | U |
| 3,3'-Dichlorobenzidine | | | <0.055 | U | <0.054 | U | <0.053 | U | <0.052 | U | <0.052 | U | <0.056 | U | <0.054 | U | <0.053 | U | <0.054 | U |
| 3-Methylphenol/4-Methylphenol | 500 | 0.33 | <0.032 | U | <0.032 | U | <0.031 | U | <0.03 | U | <0.03 | U | <0.033 | U | <0.032 | U | <0.031 | U | <0.032 | U |
| 3-Nitroaniline | | | <0.039 | U | <0.038 | U | <0.038 | U | <0.036 | U | <0.037 | U | <0.039 | U | <0.039 | U | <0.038 | U | <0.038 | U |
| 4,6-Dinitro-o-cresol | | | <0.099 | U | <0.098 | U | <0.095 | U | <0.093 | U | <0.093 | U | <0.1 | U | <0.098 | U | <0.096 | U | <0.097 | U |
| 4-Bromophenyl phenyl ether | | | <0.032 | U | <0.031 | U | <0.03 | U | <0.03 | U | <0.03 | U | <0.032 | U | <0.031 | U | <0.03 | U | <0.031 | U |
| 4-Chloroaniline | | | <0.038 | U | <0.037 | U | <0.036 | U | <0.035 | U | <0.035 | U | <0.038 | U | <0.037 | U | <0.036 | U | <0.037 | U |
| 4-Chlorophenyl phenyl ether | | | <0.022 | U | <0.022 | U | <0.021 | U | <0.021 | U | <0.021 | U | <0.022 | U | <0.022 | U | <0.021 | U | <0.022 | U |
| 4-Nitroaniline | | | <0.085 | U | <0.084 | U | <0.082 | U | <0.08 | U | <0.081 | U | <0.086 | U | <0.085 | U | <0.082 | U | <0.083 | U |
| 4-Nitrophenol | | | <0.084 | U | <0.083 | U | <0.081 | U | <0.079 | U | <0.079 | U | <0.085 | U | <0.084 | U | <0.081 | U | <0.082 | U |
| Acenaphthene | 500 | 98 | <0.021 | U | <0.021 | U | <0.021 | U | <0.02 | U | <0.02 | U | <0.022 | U | <0.021 | U | 0.21 | | 0.18 | |
| Acenaphthylene | 500 | 107 | <0.032 | U | <0.031 | U | <0.031 | U | <0.03 | U | <0.03 | U | <0.032 | U | <0.032 | U | <0.031 | U | <0.031 | U |
| Acetophenone | | | <0.026 | U | <0.025 | U | <0.025 | U | <0.024 | U | <0.024 | U | <0.026 | U | <0.025 | U | <0.025 | U | <0.025 | U |
| Anthracene | 500 | 1000 | <0.04 | U | 0.068 | J | <0.039 | U | <0.038 | U | <0.038 | U | <0.041 | U | <0.04 | U | 0.43 | | 0.38 | |
| Atrazine | | | <0.072 | U | <0.071 | U | <0.07 | U | <0.068 | U | <0.068 | U | <0.073 | U | <0.072 | U | <0.07 | U | <0.07 | U |
| Benzaldehyde | | | <0.056 | U | <0.055 | U | <0.054 | U | <0.052 | U | <0.052 | U | <0.056 | U | <0.055 | U | <0.054 | U | <0.054 | U |
| Benzo(a)anthracene | 5.6 | 1 | 0.14 | | 0.54 | | 0.086 | J | 0.028 | J | 0.025 | J | 0.06 | J | 0.1 | J | 1 | | 0.97 | |
| Benzo(a)pyrene | 1 | 22 | 0.16 | | 0.65 | | 0.074 | J | <0.047 | U | <0.048 | U | 0.069 | J | 0.12 | J | 1 | | 1 | |
| Benzo(b)fluoranthene | 5.6 | 1.7 | 0.25 | | 0.98 | | 0.11 | J | 0.045 | J | 0.04 | J | 0.1 | J | 0.17 | | 1.4 | | 1.4 | |
| Benzo(ghi)perylene | 500 | 1000 | 0.14 | J | 0.6 | | 0.055 | J | 0.028 | J | 0.024 | J | 0.057 | J | 0.1 | J | 0.72 | | 0.84 | |
| Benzo(k)fluoranthene | 56 | 1.7 | 0.072 | J | 0.34 | | 0.037 | J | <0.031 | U | <0.031 | U | <0.033 | U | 0.074 | J | 0.41 | | 0.49 | |
| Biphenyl | | | <0.027 | U | <0.026 | U | <0.026 | U | <0.025 | U | <0.025 | U | <0.027 | U | <0.027 | U | <0.026 | U | <0.026 | U |
| Bis(2-chloroethoxy)methane | | | <0.021 | U | <0.02 | U | <0.02 | U | <0.019 | U | <0.02 | U | <0.021 | U | <0.02 | U | <0.02 | U | <0.02 | U |
| Bis(2-chloroethyl)ether | | | <0.028 | U | <0.028 | U | <0.027 | U | <0.026 | U | <0.026 | U | <0.028 | U | <0.028 | U | <0.027 | U | <0.027 | U |
| Bis(2-chloroisopropyl)ether | | | <0.035 | U | <0.035 | U | <0.034 | U | <0.033 | U | <0.033 | U | <0.036 | U | <0.035 | U | <0.034 | U | <0.034 | U |
| Bis(2-ethylhexyl)phthalate | | | <0.071 | U | 0.18 | J | <0.069 | U | <0.067 | U | <0.067 | U | <0.072 | U | <0.071 | U | 0.093 | J | <0.07 | U |
| Butyl benzyl phthalate | | | <0.052 | U | <0.051 | U | <0.05 | U | <0.049 | U | <0.049 | U | <0.053 | U | <0.052 | U | <0.05 | U | <0.051 | U |
| Caprolactam | | | <0.063 | U | <0.062 | U | <0.06 | U | <0.059 | U | <0.059 | U | <0.063 | U | <0.062 | U | <0.06 | U | <0.061 | U |
| Carbazole | | | 0.024 | J | 0.082 | J | <0.019 | U | <0.019 | U | <0.019 | U | <0.02 | U | 0.028 | J | 0.21 | | 0.26 | |
| Chrysene | 56 | 1 | 0.17 | | 0.69 | | 0.094 | J | 0.034 | J | 0.03 | J | 0.083 | J | 0.14 | | 1.1 | | 1.1 | |
| Di-n-butylphthalate | | | <0.039 | U | <0.039 | U | <0.038 | U | <0.037 | U | <0.037 | U | <0.04 | U | <0.039 | U | <0.038 | U | <0.038 | U |
| Di-n-octylphthalate | | | <0.07 | U | <0.069 | U | <0.068 | U | <0.066 | U | <0.066 | U | <0.071 | U | <0.07 | U | <0.068 | U | <0.068 | U |
| Dibenzo(a,h)anthracene | 0.56 | 1000 | 0.031 | J | 0.13 | | <0.023 | U | <0.022 | U | <0.022 | U | <0.024 | U | 0.024 | J | 0.17 | | 0.19 | |
| Dibenzofuran | 350 | 210 | <0.02 | U | <0.019 | U | <0.019 | U | <0.018 | U | <0.018 | U | <0.02 | U | <0.019 | U | 0.069 | J | 0.098 | J |
| Diethyl phthalate | | | <0.019 | U | <0.019 | U | <0.018 | U | <0.018 | U | <0.018 | U | <0.019 | U | <0.019 | U | <0.018 | U | <0.019 | U |
| Dimethyl phthalate | | | <0.043 | U | <0.043 | U | <0.042 | U | <0.041 | U | <0.041 | U | <0.044 | U | <0.043 | U | <0.042 | U | <0.042 | U |

# Appendix I-1
## Documentation Sample Results - All Analytes

| SAMPLE ID: | Part 375 Commercial Use SCOs (mg/Kg) | Part 375 Groundwater SCOs (mg/Kg) | TRENCH-01 | | TRENCH-02 | | TRENCH-03 (1) | | TRENCH-04 (1) | | TRENCH-05 (1) | | TRENCH-06 (1) | | TRENCH-07 (1) | | TRENCH-08 (1) | | TRENCH-09 (1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| COLLECTION DATE: | | | 7/18/2024 | | 7/18/2024 | | 7/18/2024 | | 7/18/2024 | | 7/18/2024 | | 7/18/2024 | | 7/18/2024 | | 7/18/2024 | | 7/18/2024 | |
| SAMPLE DEPTH: | | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| SAMPLE MATRIX: | | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | |
| Fluoranthene | 500 | 1000 | 0.45 | | 1.8 | | 0.19 | | 0.071 | J | 0.071 | J | 0.2 | | 0.36 | | 3.4 | | 3.2 | |
| Fluorene | 500 | 386 | <0.02 | U | <0.02 | U | <0.019 | U | <0.019 | U | <0.019 | U | <0.02 | U | <0.02 | U | 0.19 | J | 0.19 | J |
| Hexachlorobenzene | 6 | 3.2 | <0.023 | U | <0.023 | U | <0.022 | U | <0.022 | U | <0.022 | U | <0.023 | U | <0.023 | U | <0.022 | U | <0.022 | U |
| Hexachlorobutadiene | | | <0.03 | U | <0.03 | U | <0.029 | U | <0.028 | U | <0.028 | U | <0.03 | U | <0.03 | U | <0.029 | U | <0.029 | U |
| Hexachlorocyclopentadiene | | | <0.19 | U | <0.18 | U | <0.18 | U | <0.18 | U | <0.18 | U | <0.19 | U | <0.18 | U | <0.18 | U | <0.18 | U |
| Hexachloroethane | | | <0.033 | U | <0.033 | U | <0.032 | U | <0.031 | U | <0.032 | U | <0.034 | U | <0.033 | U | <0.032 | U | <0.032 | U |
| Indeno(1,2,3-cd)pyrene | 5.6 | 8.2 | 0.11 | J | 0.46 | | 0.045 | J | <0.027 | U | <0.027 | U | 0.045 | J | 0.08 | J | 0.57 | | 0.65 | |
| Isophorone | | | <0.027 | U | <0.026 | U | <0.026 | U | <0.025 | U | <0.025 | U | <0.027 | U | <0.026 | U | <0.026 | U | <0.026 | U |
| n-Nitrosodi-n-propylamine | | | <0.032 | U | <0.031 | U | <0.031 | U | <0.03 | U | <0.03 | U | <0.032 | U | <0.032 | U | <0.031 | U | <0.031 | U |
| Naphthalene | 500 | 12 | <0.025 | U | <0.025 | U | <0.024 | U | <0.024 | U | <0.024 | U | <0.025 | U | <0.025 | U | <0.024 | U | <0.024 | U |
| NDPA/DPA | | | <0.023 | U | <0.023 | U | <0.023 | U | <0.022 | U | <0.022 | U | <0.024 | U | <0.023 | U | <0.023 | U | <0.023 | U |
| Nitrobenzene | | | <0.03 | U | <0.03 | U | <0.029 | U | <0.029 | U | <0.029 | U | <0.031 | U | <0.03 | U | <0.029 | U | <0.03 | U |
| p-Chloro-m-cresol | | | <0.031 | U | <0.03 | U | <0.03 | U | <0.029 | U | <0.029 | U | <0.031 | U | <0.03 | U | <0.03 | U | <0.03 | U |
| Pentachlorophenol | 6.7 | 0.8 | <0.045 | U | <0.045 | U | <0.044 | U | <0.043 | U | <0.043 | U | <0.046 | U | <0.045 | U | <0.044 | U | <0.044 | U |
| Phenanthrene | 500 | 1000 | 0.16 | | 0.5 | | 0.036 | J | <0.024 | U | <0.024 | U | 0.083 | J | 0.19 | | 1.9 | | 1.8 | |
| Phenol | 500 | 0.33 | <0.031 | U | <0.031 | U | <0.03 | U | <0.029 | U | <0.029 | U | <0.032 | U | <0.031 | U | <0.03 | U | <0.03 | U |
| Pyrene | 500 | 1000 | 0.35 | | 1.4 | | 0.17 | | 0.061 | J | 0.059 | J | 0.16 | | 0.27 | | 2.8 | | 2.4 | |
| Total SVOCs | | | 2.057 | - | 8.42 | - | 0.897 | - | 0.267 | - | 0.249 | - | 0.857 | - | 1.656 | - | 15.672 | - | 15.148 | - |
| **CHLORINATED HERBICIDES BY GC** | | | | | | | | | | | | | | | | | | | | |
| 2,4,5-T | | | <0.00634 | U | <0.00636 | U | <0.00616 | U | <0.00604 | U | <0.00596 | U | <0.00647 | U | <0.00637 | U | <0.0061 | U | <0.00642 | U |
| 2,4,5-TP (Silvex) | 500 | 3.8 | <0.00544 | U | <0.00545 | U | <0.00529 | U | <0.00518 | U | <0.00511 | U | <0.00555 | U | <0.00546 | U | <0.00523 | U | <0.00551 | U |
| 2,4-D | | | <0.0129 | U | <0.0129 | U | <0.0125 | U | <0.0123 | U | <0.0121 | U | <0.0131 | U | <0.0129 | U | <0.0124 | U | <0.013 | U |
| **ORGANOCHLORINE PESTICIDES BY GC** | | | | | | | | | | | | | | | | | | | | |
| 4,4'-DDD | 92 | 14 | <0.000694 | U | <0.0007 | U | <0.000668 | U | 0.000884 | J | <0.00065 | U | <0.000716 | U | <0.000667 | U | <0.000676 | U | <0.000694 | U |
| 4,4'-DDE | 62 | 17 | 0.00117 | J | <0.000454 | U | <0.000433 | U | 0.00651 | | 0.00224 | | <0.000464 | U | <0.000432 | U | <0.000438 | U | <0.00045 | U |
| 4,4'-DDT | 47 | 136 | <0.00156 | U | <0.00158 | U | <0.00151 | U | 0.00225 | | <0.00146 | U | <0.00162 | U | <0.0015 | U | <0.00152 | U | <0.00156 | U |
| Aldrin | 0.68 | 0.19 | <0.000685 | U | <0.000691 | U | <0.000659 | U | <0.000637 | U | <0.000642 | U | <0.000707 | U | <0.000658 | U | <0.000667 | U | <0.000686 | U |
| Alpha-BHC | 3.4 | 0.02 | <0.00023 | U | <0.000232 | U | <0.000222 | U | <0.000214 | U | <0.000216 | U | <0.000238 | U | <0.000221 | U | <0.000224 | U | <0.00023 | U |
| Beta-BHC | 3 | 0.09 | <0.000738 | U | <0.000744 | U | <0.00071 | U | <0.000686 | U | <0.000691 | U | <0.000762 | U | <0.000709 | U | <0.000719 | U | <0.000738 | U |
| Chlordane | | | <0.00645 | U | <0.0065 | U | <0.0062 | U | <0.00599 | U | <0.00604 | U | <0.00665 | U | <0.00619 | U | <0.00628 | U | <0.00645 | U |
| cis-Chlordane | 24 | 2.9 | <0.000678 | U | <0.000684 | U | <0.000652 | U | <0.00063 | U | <0.000635 | U | <0.0007 | U | <0.000651 | U | <0.00066 | U | <0.000678 | U |
| Delta-BHC | 500 | 0.25 | <0.000381 | U | <0.000384 | U | <0.000367 | U | <0.000354 | U | <0.000357 | U | <0.000393 | U | <0.000366 | U | <0.000371 | U | <0.000381 | U |
| Dieldrin | 1.4 | 0.1 | <0.000608 | U | <0.000614 | U | <0.000585 | U | <0.000565 | U | <0.00057 | U | <0.000628 | U | <0.000584 | U | <0.000592 | U | <0.000608 | U |
| Endosulfan I | 200 | 102 | <0.00046 | U | <0.000464 | U | <0.000442 | U | <0.000427 | U | <0.000431 | U | <0.000474 | U | <0.000442 | U | <0.000448 | U | <0.00046 | U |
| Endosulfan II | 200 | 102 | <0.00065 | U | <0.000656 | U | <0.000626 | U | <0.000605 | U | <0.000609 | U | <0.000671 | U | <0.000625 | U | <0.000633 | U | <0.000651 | U |
| Endosulfan sulfate | 200 | 1000 | <0.000386 | U | <0.000389 | U | <0.000371 | U | <0.000359 | U | <0.000361 | U | <0.000398 | U | <0.000371 | U | <0.000376 | U | <0.000386 | U |
| Endrin | 89 | 0.06 | <0.000332 | U | <0.000335 | U | <0.00032 | U | <0.000309 | U | <0.000311 | U | <0.000343 | U | <0.000319 | U | <0.000324 | U | <0.000333 | U |
| Endrin aldehyde | | | <0.000852 | U | <0.000859 | U | <0.000819 | U | <0.000792 | U | <0.000797 | U | <0.000879 | U | <0.000818 | U | <0.000829 | U | <0.000852 | U |
| Endrin ketone | | | <0.000501 | U | <0.000506 | U | <0.000482 | U | <0.000466 | U | <0.000469 | U | <0.000517 | U | <0.000481 | U | <0.000488 | U | <0.000501 | U |
| Heptachlor | 15 | 0.38 | <0.000436 | U | <0.00044 | U | <0.00042 | U | <0.000406 | U | <0.000408 | U | <0.00045 | U | <0.000419 | U | <0.000425 | U | <0.000436 | U |
| Heptachlor epoxide | | | <0.00109 | U | <0.0011 | U | <0.00105 | U | <0.00102 | U | <0.00102 | U | <0.00113 | U | <0.00105 | U | <0.00107 | U | <0.0011 | U |
| Lindane | 9.2 | 0.1 | <0.000362 | U | <0.000366 | U | <0.000349 | U | <0.000337 | U | <0.000339 | U | <0.000374 | U | <0.000348 | U | <0.000353 | U | <0.000363 | U |
| Methoxychlor | | | <0.00114 | U | <0.00114 | U | <0.00109 | U | <0.00106 | U | <0.00106 | U | <0.00117 | U | <0.00109 | U | <0.0011 | U | <0.00114 | U |
| Toxaphene | | | <0.0102 | U | <0.0103 | U | <0.00983 | U | <0.0095 | U | <0.00957 | U | <0.0105 | U | <0.00981 | U | <0.00995 | U | <0.0102 | U |
| trans-Chlordane | | | <0.000642 | U | <0.000648 | U | <0.000618 | U | <0.000597 | U | <0.000601 | U | <0.000663 | U | <0.000617 | U | <0.000626 | U | <0.000642 | U |
| **POLYCHLORINATED BIPHENYLS BY GC** | | | | | | | | | | | | | | | | | | | | |
| Aroclor 1016 | 1 | 3.2 | <0.00554 | U | <0.00542 | U | <0.00521 | U | <0.00526 | U | <0.005 | U | <0.00568 | U | <0.00522 | U | <0.00511 | U | <0.00539 | U |
| Aroclor 1221 | 1 | 3.2 | <0.00625 | U | <0.00612 | U | <0.00588 | U | <0.00594 | U | <0.00564 | U | <0.00641 | U | <0.00589 | U | <0.00576 | U | <0.00608 | U |
| Aroclor 1232 | 1 | 3.2 | <0.0132 | U | <0.0129 | U | <0.0124 | U | <0.0126 | U | <0.0119 | U | <0.0136 | U | <0.0124 | U | <0.0122 | U | <0.0129 | U |
| Aroclor 1242 | 1 | 3.2 | <0.00841 | U | <0.00823 | U | <0.00791 | U | <0.00798 | U | <0.00759 | U | <0.00862 | U | <0.00792 | U | <0.00775 | U | <0.00818 | U |
| Aroclor 1248 | 1 | 3.2 | 0.0131 | J | <0.00916 | U | <0.0088 | U | <0.00888 | U | <0.00845 | U | <0.00959 | U | <0.00881 | U | 0.168 | | 0.0992 | |
| Aroclor 1254 | 1 | 3.2 | 0.0187 | J | 0.0128 | J | <0.00642 | U | <0.00648 | U | 0.612 | | 0.00948 | J | <0.00643 | U | 0.198 | | 0.149 | |
| Aroclor 1260 | 1 | 3.2 | 0.0145 | J | <0.0113 | U | <0.0108 | U | <0.0109 | U | 0.308 | | <0.0118 | U | <0.0109 | U | 0.199 | | 0.114 | |

# Appendix I-1
## Documentation Sample Results - All Analytes

| SAMPLE ID: | Part 375 Commercial Use SCOs (mg/Kg) | Part 375 Groundwater SCOs (mg/Kg) | TRENCH-01 | TRENCH-02 | TRENCH-03 (1) | TRENCH-04 (1) | TRENCH-05 (1) | TRENCH-06 (1) | TRENCH-07 (1) | TRENCH-08 (1) | TRENCH-09 (1) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| COLLECTION DATE: | | | 7/18/2024 | 7/18/2024 | 7/18/2024 | 7/18/2024 | 7/18/2024 | 7/18/2024 | 7/18/2024 | 7/18/2024 | 7/18/2024 |
| SAMPLE DEPTH: | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| SAMPLE MATRIX: | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| Aroclor 1262 | 1 | 3.2 | <0.00792 U | <0.00775 U | <0.00745 U | <0.00752 U | <0.00715 U | <0.00812 U | <0.00746 U | <0.0073 U | <0.0077 U |
| Aroclor 1268 | 1 | 3.2 | <0.00646 U | <0.00632 U | <0.00608 U | <0.00614 U | <0.00584 U | <0.00662 U | <0.00609 U | <0.00596 U | <0.00628 U |
| PCBs, Total | 1 | 3.2 | 0.0463 J | 0.0128 J | <0.00521 U | <0.00526 U | 0.92 | 0.00948 J | <0.00522 U | 0.565 | 0.362 |
| **TOTAL METALS** | | | | | | | | | | | |
| Aluminum, Total | | | 11600 | 9990 | 7250 | 12400 | 8900 | 18800 | 16600 | 11400 | 8630 |
| Antimony, Total | | | 0.379 J | <0.366 U | <0.361 U | 0.441 J | 0.566 J | <0.381 U | <0.362 U | 0.627 J | 1.84 J |
| Arsenic, Total | 16 | 16 | 11.2 | 7.92 | 2.85 | 6.02 | 4.67 | 3.44 | 4.83 | 5.41 | 6.17 |
| Barium, Total | 400 | 820 | 134 | 96.2 | 62.9 | 89.8 | 69.3 | 149 | 132 | 104 | 103 |
| Beryllium, Total | 590 | 47 | 0.69 | 0.826 | 0.386 J | 0.624 | 0.424 J | 0.99 | 0.829 | 0.639 | 1.06 |
| Cadmium, Total | 9.3 | 7.5 | 0.366 J | 0.245 J | 0.146 J | <0.088 U | 0.112 J | <0.098 U | <0.093 U | 0.28 J | 0.638 J |
| Calcium, Total | | | 9980 | 32200 | 38700 | 35000 | 52500 | 4720 | 16200 | 15400 | 87500 |
| Chromium, Total | | | 18.5 | 15.5 | 10.1 | 17.4 | 12.4 | 19.6 | 20.4 | 17.5 | 16.6 |
| Cobalt, Total | | | 15 | 6.65 | 5.04 | 12 | 11.4 | 10 | 13.1 | 8.27 | 5.81 |
| Copper, Total | 270 | 1720 | 21.4 | 23.6 | 12.5 | 21.4 | 21.6 | 10.8 | 19.4 | 19 | 30.9 |
| Iron, Total | | | 22700 | 17200 | 13100 | 16100 | 12600 | 18000 | 18400 | 13500 | 15100 |
| Lead, Total | 1000 | 450 | 34.7 | 28.8 | 10.2 | 15.7 | 10.9 | 9.97 | 9.68 | 124 | 241 |
| Magnesium, Total | | | 5490 | 10900 | 9780 | 12000 | 14300 | 4590 | 8410 | 5610 | 32800 |
| Manganese, Total | 10000 | 2000 | 1160 | 609 | 332 | 471 | 613 | 624 | 551 | 599 | 964 |
| Mercury, Total | 2.8 | 0.73 | 0.151 | 0.089 | <0.051 U | <0.053 U | <0.055 U | 0.076 J | <0.055 U | 0.147 | 0.838 |
| Nickel, Total | 310 | 130 | 23 | 15.2 | 12.2 | 25.4 | 18.2 | 19 | 26.8 | 16.1 | 12.4 |
| Potassium, Total | | | 1130 | 958 | 689 | 1130 | 782 | 965 | 1180 | 586 | 655 |
| Selenium, Total | 1500 | 4 | <0.253 U | <0.249 U | <0.245 U | <0.232 U | <0.241 U | <0.259 U | <0.246 U | <0.246 U | 0.594 J |
| Silver, Total | 1500 | 8.3 | <0.278 U | <0.273 U | <0.269 U | <0.254 U | <0.264 U | <0.284 U | <0.269 U | <0.27 U | <0.274 U |
| Sodium, Total | | | 69.9 J | 141 J | 95.3 J | 92.2 J | 91.4 J | 51.4 J | 67.8 J | 53.8 J | 187 J |
| Thallium, Total | | | <0.309 U | <0.304 U | <0.299 U | <0.283 U | <0.294 U | <0.316 U | <0.3 U | <0.301 U | <0.305 U |
| Vanadium, Total | | | 25.5 | 19 | 14.2 | 24 | 19 | 26.3 | 27.9 | 22.4 | 13.6 |
| Zinc, Total | 10000 | 2480 | 88.3 | 177 | 71.6 | 157 | 113 | 111 | 65.2 | 173 | 1170 |
| **GENERAL CHEMISTRY** | | | | | | | | | | | |
| Cyanide, Total | 27 | 40 | 0.32 J | 14 | <0.25 U | <0.23 U | <0.24 U | 21 | <0.25 U | 0.63 J | 2.9 |
| Solids, Total | | | 79.3 | 80 | 83 | 83.9 | 84.3 | 78.1 | 80.8 | 82.8 | 80.4 |

Yellow shading - value exceeds Protection of Groundwater SCO (PSGW SCO)
**BOLD** value - reported value exceeds Commercial Soil Cleanup Objective (CSCO)

[1] indicates a PSGW SCO (toluene, ethylbenzene, total xylenes, total PCBs, & mercury)
E - Indicates concentration of analyte exceeded the range of the calibration curve and/or linear range of the instrument.
J - The reported value is estimated; analyte detected above the MDL but below the RL
U - the reported value was not detected at or above the laboratory's MDL
* Indicates SCO for Total (mixed) xylene; no SCOs exist for individual isomers
** A GWSCO for Total Cr does not exist; value represents SCO for hexavalent Cr
*** A CSCO for Cr does not exist; value represents SCO for trivalent Cr

# Appendix I-1
## Documentation Sample Results - All Analytes

| SAMPLE ID: | Part 375 Commercial Use SCOs (mg/Kg) | Part 375 Groundwater SCOs (mg/Kg) | TRENCH-10 (1) | | TRENCH-11 (0.5) | | TRENCH-12 (1) | | TRENCH-13 (1) | | TRENCH-14 (1) | | TRENCH-15 (1) | | TRENCH-16 (1) | | TRENCH-17 (1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| COLLECTION DATE: | | | 7/18/2024 | | 7/19/2024 | | 7/19/2024 | | 7/19/2024 | | 7/19/2024 | | 7/19/2024 | | 7/19/2024 | | 7/19/2024 | |
| SAMPLE DEPTH: | | | 1 | | 0.5 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| SAMPLE MATRIX: | | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | |
| ANALYTE | | | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q |
| **VOLATILE ORGANICS BY GC/MS** | | | | | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane | 500 | 0.68 | <0.0002 | U | <0.00021 | U | <0.00015 | U | <0.00021 | U | <0.00029 | U | <0.00018 | U | <0.00023 | U | <0.00018 | U |
| 1,1,2,2-Tetrachloroethane | | | <0.0002 | U | <0.0002 | U | <0.00015 | U | <0.00021 | U | <0.00029 | U | <0.00018 | U | <0.00023 | U | <0.00018 | U |
| 1,1,2-Trichloroethane | | | <0.00031 | U | <0.00033 | U | <0.00023 | U | <0.00033 | U | <0.00046 | U | <0.00029 | U | <0.00037 | U | <0.00029 | U |
| 1,1-Dichloroethane | 240 | 0.27 | <0.00017 | U | <0.00018 | U | <0.00013 | U | <0.00018 | U | <0.00025 | U | <0.00016 | U | <0.0002 | U | <0.00016 | U |
| 1,1-Dichloroethene | 500 | 0.33 | <0.00028 | U | <0.00029 | U | <0.00021 | U | <0.0003 | U | <0.00042 | U | <0.00026 | U | <0.00033 | U | <0.00026 | U |
| 1,2,3-Trichlorobenzene | | | <0.00038 | U | <0.0004 | U | <0.00028 | U | <0.0004 | U | <0.00056 | U | <0.00035 | U | <0.00045 | U | <0.00035 | U |
| 1,2,4-Trichlorobenzene | | | <0.00032 | U | <0.00034 | U | <0.00024 | U | <0.00034 | U | <0.00047 | U | <0.0003 | U | <0.00038 | U | <0.00029 | U |
| 1,2-Dibromo-3-chloropropane | | | <0.0012 | U | <0.0012 | U | <0.00088 | U | <0.0012 | U | <0.0017 | U | <0.0011 | U | <0.0014 | U | <0.0011 | U |
| 1,2-Dibromoethane | | | <0.00033 | U | <0.00034 | U | <0.00024 | U | <0.00035 | U | <0.00049 | U | <0.00031 | U | <0.00039 | U | <0.0003 | U |
| 1,2-Dichlorobenzene | 500 | 1.1 | <0.00017 | U | <0.00018 | U | <0.00013 | U | <0.00018 | U | <0.00025 | U | <0.00016 | U | <0.0002 | U | <0.00016 | U |
| 1,2-Dichloroethane | 30 | 0.02 | <0.0003 | U | <0.00032 | U | <0.00023 | U | <0.00032 | U | <0.00045 | U | <0.00028 | U | <0.00036 | U | <0.00028 | U |
| 1,2-Dichloropropane | | | <0.00015 | U | <0.00015 | U | <0.00011 | U | <0.00016 | U | <0.00022 | U | <0.00014 | U | <0.00018 | U | <0.00014 | U |
| 1,3-Dichlorobenzene | 280 | 2.4 | <0.00017 | U | <0.00018 | U | <0.00013 | U | <0.00018 | U | <0.00026 | U | <0.00016 | U | <0.00021 | U | <0.00016 | U |
| 1,4-Dichlorobenzene | 130 | 1.8 | <0.0002 | U | <0.00021 | U | <0.00015 | U | <0.00021 | U | <0.0003 | U | <0.00019 | U | <0.00024 | U | <0.00018 | U |
| 1,4-Dioxane | 130 | 0.1 | <0.041 | U | <0.043 | U | <0.031 | U | <0.044 | U | <0.061 | U | <0.038 | U | <0.049 | U | <0.038 | U |
| 2-Butanone | 500 | 0.12 | <0.0026 | U | <0.0027 | U | <0.002 | U | <0.0028 | U | <0.0039 | U | <0.0024 | U | <0.0031 | U | <0.0024 | U |
| 2-Hexanone | | | <0.0014 | U | <0.0015 | U | <0.001 | U | <0.0015 | U | <0.002 | U | <0.0013 | U | <0.0016 | U | <0.0013 | U |
| 4-Methyl-2-pentanone | | | <0.0015 | U | <0.0016 | U | <0.0011 | U | <0.0016 | U | <0.0022 | U | <0.0014 | U | <0.0018 | U | <0.0014 | U |
| Acetone | 500 | 0.05 | <0.0057 | U | <0.006 | U | <0.0042 | U | <0.006 | U | <0.0084 | U | <0.0053 | U | <0.0068 | U | <0.0052 | U |
| Benzene | 44 | 0.06 | <0.0002 | U | <0.0002 | U | <0.00015 | U | <0.00021 | U | <0.00029 | U | <0.00018 | U | <0.00023 | U | <0.00018 | U |
| Bromochloromethane | | | <0.00024 | U | <0.00025 | U | <0.00018 | U | <0.00025 | U | <0.00036 | U | <0.00022 | U | <0.00029 | U | <0.00022 | U |
| Bromodichloromethane | | | <0.00013 | U | <0.00013 | U | <0.0001 | U | <0.00014 | U | <0.00019 | U | <0.00012 | U | <0.00015 | U | <0.00012 | U |
| Bromoform | | | <0.00029 | U | <0.0003 | U | <0.00022 | U | <0.0003 | U | <0.00043 | U | <0.00027 | U | <0.00034 | U | <0.00027 | U |
| Bromomethane | | | <0.00068 | U | <0.00072 | U | <0.00051 | U | <0.00072 | U | <0.001 | U | <0.00064 | U | <0.00082 | U | <0.00063 | U |
| Carbon disulfide | | | <0.0054 | U | <0.0056 | U | <0.004 | U | <0.0056 | U | <0.0079 | U | <0.005 | U | <0.0064 | U | <0.0049 | U |
| Carbon tetrachloride | 22 | 0.76 | <0.00027 | U | <0.00028 | U | <0.0002 | U | <0.00028 | U | <0.0004 | U | <0.00025 | U | <0.00032 | U | <0.00025 | U |
| Chlorobenzene | 500 | 1.1 | <0.00015 | U | <0.00016 | U | <0.00011 | U | <0.00016 | U | <0.00022 | U | <0.00014 | U | <0.00018 | U | <0.00014 | U |
| Chloroethane | | | <0.00053 | U | <0.00056 | U | <0.0004 | U | <0.00056 | U | <0.00079 | U | <0.0005 | U | <0.00063 | U | <0.00049 | U |
| Chloroform | 350 | 0.37 | <0.00016 | U | <0.00017 | U | <0.00012 | U | <0.00017 | U | <0.00024 | U | <0.00015 | U | <0.0002 | U | <0.00015 | U |
| Chloromethane | | | <0.0011 | U | <0.0012 | U | <0.00082 | U | <0.0012 | U | <0.0016 | U | <0.001 | U | <0.0013 | U | <0.001 | U |
| cis-1,2-Dichloroethene | 500 | 0.25 | <0.00021 | U | <0.00022 | U | <0.00015 | U | <0.00022 | U | <0.0003 | U | <0.00019 | U | <0.00024 | U | <0.00019 | U |
| cis-1,3-Dichloropropene | | | <0.00018 | U | <0.0002 | U | <0.00014 | U | <0.0002 | U | <0.00028 | U | <0.00017 | U | <0.00022 | U | <0.00017 | U |
| Cyclohexane | | | <0.00064 | U | <0.00067 | U | <0.00048 | U | <0.00068 | U | <0.00095 | U | <0.0006 | U | <0.00076 | U | <0.00059 | U |
| Dibromochloromethane | | | <0.00016 | U | <0.00017 | U | <0.00012 | U | <0.00017 | U | <0.00024 | U | <0.00015 | U | <0.0002 | U | <0.00015 | U |
| Dichlorodifluoromethane | | | <0.0011 | U | <0.0011 | U | <0.0008 | U | <0.0011 | U | <0.0016 | U | <0.001 | U | <0.0013 | U | <0.00099 | U |
| Ethylbenzene | 390 | 1 | <0.00016 | U | <0.00017 | U | <0.00012 | U | <0.00018 | U | <0.00025 | U | <0.00015 | U | <0.0002 | U | <0.00015 | U |
| Freon-113 | | | <0.00082 | U | <0.00086 | U | <0.00061 | U | <0.00086 | U | <0.0012 | U | <0.00076 | U | <0.00097 | U | <0.00075 | U |
| Isopropylbenzene | | | <0.00013 | U | <0.00013 | U | <0.0001 | U | <0.00014 | U | <0.00019 | U | <0.00012 | U | <0.00015 | U | <0.00012 | U |
| Methyl Acetate | | | <0.0011 | U | <0.0012 | U | <0.00084 | U | <0.0012 | U | <0.0016 | U | <0.001 | U | <0.0013 | U | <0.001 | U |
| Methyl cyclohexane | | | <0.00071 | U | <0.00075 | U | <0.00053 | U | <0.00075 | U | <0.001 | U | <0.00066 | U | <0.00085 | U | <0.00065 | U |
| Methyl tert butyl ether | 500 | 0.93 | <0.00024 | U | <0.00025 | U | <0.00018 | U | <0.00025 | U | <0.00035 | U | <0.00022 | U | <0.00028 | U | <0.00022 | U |
| Methylene chloride | 500 | 0.05 | <0.0027 | U | <0.0028 | U | <0.002 | U | <0.0028 | U | <0.004 | U | <0.0025 | U | <0.0032 | U | <0.0025 | U |
| o-Xylene | | | <0.00034 | U | <0.00036 | U | <0.00026 | U | <0.00036 | U | <0.00051 | U | <0.00032 | U | <0.00041 | U | <0.00031 | U |
| p/m-Xylene | | | <0.00066 | U | <0.00069 | U | <0.00049 | U | <0.0007 | U | <0.00098 | U | <0.00061 | U | <0.00079 | U | <0.0006 | U |
| Styrene | | | <0.00023 | U | <0.00024 | U | <0.00017 | U | <0.00024 | U | <0.00034 | U | <0.00022 | U | <0.00028 | U | <0.00021 | U |
| Tetrachloroethene | 150 | 1.3 | <0.00023 | U | <0.00024 | U | <0.00017 | U | <0.00024 | U | <0.00034 | U | <0.00022 | U | <0.00028 | U | <0.00021 | U |
| Toluene | 500 | 0.7 | <0.00064 | U | <0.00067 | U | <0.00048 | U | <0.00068 | U | <0.00095 | U | <0.0006 | U | <0.00076 | U | <0.00059 | U |
| trans-1,2-Dichloroethene | 500 | 0.19 | <0.00016 | U | <0.00017 | U | <0.00012 | U | <0.00017 | U | <0.00024 | U | <0.00015 | U | <0.00019 | U | <0.00015 | U |
| trans-1,3-Dichloropropene | | | <0.00032 | U | <0.00034 | U | <0.00024 | U | <0.00034 | U | <0.00048 | U | <0.0003 | U | <0.00038 | U | <0.0003 | U |
| Trichloroethene | 200 | 0.47 | <0.00016 | U | <0.00017 | U | <0.00012 | U | <0.00017 | U | <0.00024 | U | <0.00015 | U | <0.00019 | U | <0.00015 | U |
| Trichlorofluoromethane | | | <0.00082 | U | <0.00086 | U | <0.00061 | U | <0.00086 | U | <0.0012 | U | <0.00076 | U | <0.00098 | U | <0.00075 | U |

# Appendix I-1
## Documentation Sample Results - All Analytes

| SAMPLE ID: | Part 375 Commercial Use SCOs (mg/Kg) | Part 375 Groundwater SCOs (mg/Kg) | TRENCH-10 (1) | | TRENCH-11 (0.5) | | TRENCH-12 (1) | | TRENCH-13 (1) | | TRENCH-14 (1) | | TRENCH-15 (1) | | TRENCH-16 (1) | | TRENCH-17 (1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| COLLECTION DATE: | | | 7/18/2024 | | 7/19/2024 | | 7/19/2024 | | 7/19/2024 | | 7/19/2024 | | 7/19/2024 | | 7/19/2024 | | 7/19/2024 | |
| SAMPLE DEPTH: | | | 1 | | 0.5 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| SAMPLE MATRIX: | | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | |
| Vinyl chloride | 13 | 0.02 | <0.00039 | U | <0.00041 | U | <0.00029 | U | <0.00042 | U | <0.00058 | U | <0.00037 | U | <0.00047 | U | <0.00036 | U |
| Total VOCs | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **SEMIVOLATILE ORGANICS BY GC/MS** | | | | | | | | | | | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | | | <0.022 | U | <0.02 | U | <0.019 | U | <0.043 | U | <0.058 | U | <0.024 | U | <0.019 | U | <0.019 | U |
| 2,3,4,6-Tetrachlorophenol | | | <0.042 | U | <0.038 | U | <0.036 | U | <0.084 | U | <0.11 | U | <0.046 | U | <0.038 | U | <0.036 | U |
| 2,4,5-Trichlorophenol | | | <0.04 | U | <0.036 | U | <0.034 | U | <0.08 | U | <0.11 | U | <0.044 | U | <0.036 | U | <0.034 | U |
| 2,4,6-Trichlorophenol | | | <0.04 | U | <0.036 | U | <0.034 | U | <0.079 | U | <0.1 | U | <0.044 | U | <0.035 | U | <0.034 | U |
| 2,4-Dichlorophenol | | | <0.034 | U | <0.03 | U | <0.029 | U | <0.067 | U | <0.089 | U | <0.037 | U | <0.03 | U | <0.029 | U |
| 2,4-Dimethylphenol | | | <0.069 | U | <0.062 | U | <0.059 | U | <0.14 | U | <0.18 | U | <0.076 | U | <0.062 | U | <0.059 | U |
| 2,4-Dinitrophenol | | | <0.097 | U | <0.088 | U | <0.084 | U | <0.19 | U | <0.26 | U | <0.11 | U | <0.087 | U | <0.083 | U |
| 2,4-Dinitrotoluene | | | <0.042 | U | <0.038 | U | <0.036 | U | <0.083 | U | <0.11 | U | <0.046 | U | <0.037 | U | <0.036 | U |
| 2,6-Dinitrotoluene | | | <0.036 | U | <0.032 | U | <0.031 | U | <0.071 | U | <0.095 | U | <0.039 | U | <0.032 | U | <0.031 | U |
| 2-Chloronaphthalene | | | <0.021 | U | <0.019 | U | <0.018 | U | <0.041 | U | <0.055 | U | <0.023 | U | <0.018 | U | <0.018 | U |
| 2-Chlorophenol | | | <0.025 | U | <0.022 | U | <0.021 | U | <0.049 | U | <0.066 | U | <0.027 | U | <0.022 | U | <0.021 | U |
| 2-Methylnaphthalene | | | 0.26 | | <0.023 | U | 0.056 | J | <0.05 | U | 0.12 | J | <0.028 | U | 0.06 | J | 0.067 | J |
| 2-Methylphenol | 500 | 0.33 | <0.032 | U | <0.029 | U | <0.028 | U | <0.064 | U | <0.086 | U | <0.036 | U | <0.029 | U | <0.028 | U |
| 2-Nitroaniline | | | <0.04 | U | <0.036 | U | <0.035 | U | <0.08 | U | <0.11 | U | <0.044 | U | <0.036 | U | <0.034 | U |
| 2-Nitrophenol | | | <0.079 | U | <0.071 | U | <0.068 | U | <0.16 | U | <0.21 | U | <0.086 | U | <0.07 | U | <0.067 | U |
| 3,3'-Dichlorobenzidine | | | <0.056 | U | <0.05 | U | <0.048 | U | <0.11 | U | <0.15 | U | <0.061 | U | <0.05 | U | <0.048 | U |
| 3-Methylphenol/4-Methylphenol | 500 | 0.33 | 0.052 | J | <0.029 | U | <0.028 | U | <0.065 | U | <0.087 | U | <0.036 | U | <0.029 | U | <0.028 | U |
| 3-Nitroaniline | | | <0.039 | U | <0.035 | U | <0.034 | U | <0.078 | U | <0.1 | U | <0.043 | U | <0.035 | U | <0.034 | U |
| 4,6-Dinitro-o-cresol | | | <0.1 | U | <0.09 | U | <0.086 | U | <0.2 | U | <0.27 | U | <0.11 | U | <0.09 | U | <0.086 | U |
| 4-Bromophenyl phenyl ether | | | <0.032 | U | <0.029 | U | <0.027 | U | <0.063 | U | <0.085 | U | <0.035 | U | <0.028 | U | <0.027 | U |
| 4-Chloroaniline | | | <0.038 | U | <0.034 | U | <0.033 | U | <0.076 | U | <0.1 | U | <0.042 | U | <0.034 | U | <0.032 | U |
| 4-Chlorophenyl phenyl ether | | | <0.022 | U | <0.02 | U | <0.019 | U | <0.044 | U | <0.06 | U | <0.024 | U | <0.02 | U | <0.019 | U |
| 4-Nitroaniline | | | <0.086 | U | <0.078 | U | <0.074 | U | <0.17 | U | <0.23 | U | <0.095 | U | <0.077 | U | <0.074 | U |
| 4-Nitrophenol | | | <0.085 | U | <0.077 | U | <0.073 | U | <0.17 | U | <0.23 | U | <0.094 | U | <0.076 | U | <0.073 | U |
| Acenaphthene | 500 | 98 | 0.45 | | 0.043 | J | 0.41 | | 0.32 | J | 1.2 | | 0.06 | J | 0.15 | | 0.2 | |
| Acenaphthylene | 500 | 107 | <0.032 | U | 0.034 | J | <0.028 | U | 0.077 | J | 0.23 | J | 0.05 | J | 0.12 | J | 0.14 | |
| Acetophenone | | | <0.026 | U | <0.023 | U | <0.022 | U | <0.052 | U | <0.069 | U | <0.028 | U | <0.023 | U | <0.022 | U |
| Anthracene | 500 | 1000 | 0.74 | | 0.22 | | 1.1 | | 1.1 | | 3.8 | | 0.25 | | 0.58 | | 0.75 | |
| Atrazine | | | <0.073 | U | <0.066 | U | <0.063 | U | <0.14 | U | <0.19 | U | <0.08 | U | <0.065 | U | <0.063 | U |
| Benzaldehyde | | | <0.056 | U | <0.051 | U | <0.049 | U | <0.11 | U | 0.15 | J | <0.062 | U | <0.05 | U | <0.048 | U |
| Benzo(a)anthracene | 5.6 | 1 | 1.2 | | 1.3 | | 2.5 | | 4.4 | | **11** | | 1.9 | | 3.3 | | 4.3 | |
| Benzo(a)pyrene | 1 | 22 | 1.1 | | 1.6 | | 2.5 | | 4.8 | | 11 | | 2.4 | | 3.8 | | 4.7 | |
| Benzo(b)fluoranthene | 5.6 | 1.7 | 1.4 | | 2.7 | | 3.6 | | 7.5 | | 17 | | 3.8 | | 6.6 | | 8.4 | D |
| Benzo(ghi)perylene | 500 | 1000 | 0.61 | | 1.4 | | 1.9 | | 4 | | 9 | | 2.1 | | 3.6 | | 4.3 | |
| Benzo(k)fluoranthene | 56 | 1.7 | 0.44 | | 0.68 | | 0.89 | | 2.4 | | 4.8 | | 1.4 | | 1.6 | | 1.5 | |
| Biphenyl | | | 0.056 | J | <0.024 | U | <0.023 | U | <0.054 | U | <0.072 | U | <0.03 | U | <0.024 | U | 0.026 | J |
| Bis(2-chloroethoxy)methane | | | <0.021 | U | <0.019 | U | <0.018 | U | <0.042 | U | <0.056 | U | <0.023 | U | <0.019 | U | <0.018 | U |
| Bis(2-chloroethyl)ether | | | <0.028 | U | <0.025 | U | <0.024 | U | <0.056 | U | <0.075 | U | <0.031 | U | <0.025 | U | <0.024 | U |
| Bis(2-chloroisopropyl)ether | | | <0.036 | U | <0.032 | U | <0.031 | U | <0.071 | U | <0.095 | U | <0.039 | U | <0.032 | U | <0.03 | U |
| Bis(2-ethylhexyl)phthalate | | | 0.23 | | 0.17 | J | <0.062 | U | <0.14 | U | 0.45 | J | <0.079 | U | 0.55 | | 0.52 | |
| Butyl benzyl phthalate | | | <0.053 | U | <0.047 | U | <0.045 | U | <0.1 | U | 0.19 | J | <0.058 | U | <0.047 | U | 0.061 | J |
| Caprolactam | | | <0.064 | U | <0.057 | U | <0.055 | U | <0.13 | U | <0.17 | U | <0.07 | U | <0.057 | U | <0.054 | U |
| Carbazole | | | 0.36 | | 0.4 | | 0.73 | | 1.2 | | 3.2 | | 0.51 | | 0.97 | | 1 | |
| Chrysene | 56 | 1 | 1.1 | | 2 | | 2.7 | | 5.8 | | 13 | | 3 | | 4.5 | | 5.1 | |
| Di-n-butylphthalate | | | 0.066 | J | <0.036 | U | <0.034 | U | 0.13 | J | <0.1 | U | 0.065 | J | 0.087 | J | <0.034 | U |
| Di-n-octylphthalate | | | <0.071 | U | <0.064 | U | <0.061 | U | <0.14 | U | <0.19 | U | <0.078 | U | <0.063 | U | <0.061 | U |
| Dibenzo(a,h)anthracene | 0.56 | 1000 | 0.15 | | 0.26 | | 0.38 | | 0.8 | | 2 | | 0.4 | | 0.73 | | 0.92 | |
| Dibenzofuran | 350 | 210 | 0.3 | | 0.031 | J | 0.2 | | 0.18 | J | 0.57 | | 0.042 | J | 0.1 | J | 0.14 | J |
| Diethyl phthalate | | | <0.019 | U | <0.017 | U | <0.017 | U | <0.038 | U | <0.052 | U | <0.021 | U | <0.017 | U | <0.016 | U |
| Dimethyl phthalate | | | <0.044 | U | <0.039 | U | <0.038 | U | <0.087 | U | <0.12 | U | <0.048 | U | <0.039 | U | <0.038 | U |

# Appendix I-1
## Documentation Sample Results - All Analytes

| SAMPLE ID: | Part 375 Commercial Use SCOs (mg/Kg) | Part 375 Groundwater SCOs (mg/Kg) | TRENCH-10 (1) | | TRENCH-11 (0.5) | | TRENCH-12 (1) | | TRENCH-13 (1) | | TRENCH-14 (1) | | TRENCH-15 (1) | | TRENCH-16 (1) | | TRENCH-17 (1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| COLLECTION DATE: | | | 7/18/2024 | | 7/19/2024 | | 7/19/2024 | | 7/19/2024 | | 7/19/2024 | | 7/19/2024 | | 7/19/2024 | | 7/19/2024 | |
| SAMPLE DEPTH: | | | 1 | | 0.5 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| SAMPLE MATRIX: | | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | |
| Fluoranthene | 500 | 1000 | 2.5 | | 4 | | 6 | | 11 | | 29 | D | 5.5 | | 11 | D | 14 | D |
| Fluorene | 500 | 386 | 0.44 | | 0.063 | J | 0.43 | | 0.4 | J | 1.4 | | 0.08 | J | 0.17 | J | 0.26 | |
| Hexachlorobenzene | 6 | 3.2 | <0.023 | U | <0.021 | U | <0.02 | U | <0.046 | U | <0.062 | U | <0.026 | U | <0.021 | U | <0.02 | U |
| Hexachlorobutadiene | | | <0.031 | U | <0.028 | U | <0.026 | U | <0.061 | U | <0.081 | U | <0.034 | U | <0.027 | U | <0.026 | U |
| Hexachlorocyclopentadiene | | | <0.19 | U | <0.17 | U | <0.16 | U | <0.38 | U | <0.5 | U | <0.21 | U | <0.17 | U | <0.16 | U |
| Hexachloroethane | | | <0.034 | U | <0.03 | U | <0.029 | U | <0.067 | U | <0.09 | U | <0.037 | U | <0.03 | U | <0.029 | U |
| Indeno(1,2,3-cd)pyrene | 5.6 | 8.2 | 0.62 | | 1.3 | | 1.8 | | 3.7 | | **8.5** | | 1.9 | | 3.4 | | 4.1 | |
| Isophorone | | | <0.027 | U | <0.024 | U | <0.023 | U | <0.054 | U | <0.072 | U | <0.03 | U | <0.024 | U | <0.023 | U |
| n-Nitrosodi-n-propylamine | | | <0.032 | U | <0.029 | U | <0.028 | U | <0.064 | U | <0.086 | U | <0.035 | U | <0.029 | U | <0.028 | U |
| Naphthalene | 500 | 12 | 0.84 | | <0.023 | U | <0.022 | U | <0.051 | U | 0.17 | J | <0.028 | U | 0.075 | J | 0.084 | J |
| NDPA/DPA | | | <0.024 | U | <0.021 | U | <0.02 | U | <0.047 | U | <0.063 | U | <0.026 | U | <0.021 | U | <0.02 | U |
| Nitrobenzene | | | <0.031 | U | <0.028 | U | <0.027 | U | <0.062 | U | <0.082 | U | <0.034 | U | <0.028 | U | <0.026 | U |
| p-Chloro-m-cresol | | | <0.031 | U | <0.028 | U | <0.027 | U | <0.062 | U | <0.083 | U | <0.034 | U | <0.028 | U | <0.027 | U |
| Pentachlorophenol | 6.7 | 0.8 | <0.046 | U | <0.041 | U | <0.04 | U | <0.092 | U | <0.12 | U | <0.05 | U | <0.041 | U | <0.039 | U |
| Phenanthrene | 500 | 1000 | 2.3 | | 1.6 | | 4.5 | | 5.4 | | 15 | | 2 | | 3.5 | | 4 | |
| Phenol | 500 | 0.33 | 0.048 | J | <0.028 | U | <0.027 | U | <0.063 | U | <0.084 | U | <0.035 | U | <0.028 | U | <0.027 | U |
| Pyrene | 500 | 1000 | 2 | | 3.1 | | 4.9 | | 8.8 | | 21 | | 4.4 | | 6.4 | | 7 | |
| Total SVOCs | | | 17.262 | - | 20.901 | - | 34.596 | - | 62.007 | - | 152.78 | J | 29.857 | - | 50.092 | J | 61.57 | - |
| **CHLORINATED HERBICIDES BY GC** | | | | | | | | | | | | | | | | | | |
| 2,4,5-T | | | <0.00645 | U | <0.00579 | U | <0.0057 | U | <0.00646 | U | <0.00874 | U | <0.00709 | U | <0.0058 | U | <0.00559 | U |
| 2,4,5-TP (Silvex) | 500 | 3.8 | <0.00553 | U | <0.00497 | U | <0.00489 | U | <0.00554 | U | <0.0075 | U | <0.00609 | U | <0.00498 | U | <0.0048 | U |
| 2,4-D | | | <0.0131 | U | <0.0118 | U | <0.0116 | U | <0.0131 | U | <0.0178 | U | <0.0144 | U | <0.0118 | U | <0.0114 | U |
| **ORGANOCHLORINE PESTICIDES BY GC** | | | | | | | | | | | | | | | | | | |
| 4,4'-DDD | 92 | 14 | 0.00233 | | <0.000637 | U | <0.000621 | U | <0.000724 | U | <0.000963 | U | <0.000754 | U | <0.00064 | U | <0.000619 | U |
| 4,4'-DDE | 62 | 17 | <0.000456 | U | <0.000413 | U | <0.000403 | U | <0.000469 | U | <0.000624 | U | 0.00175 | JIP | <0.000415 | U | <0.000401 | U |
| 4,4'-DDT | 47 | 136 | <0.00159 | U | <0.00144 | U | <0.0014 | U | <0.00163 | U | 0.0025 | JIP | 0.00242 | IP | 0.0139 | IP | 0.00822 | IP |
| Aldrin | 0.68 | 0.19 | <0.000695 | U | <0.000629 | U | <0.000613 | U | <0.000715 | U | <0.00095 | U | <0.000745 | U | <0.000632 | U | <0.000611 | U |
| Alpha-BHC | 3.4 | 0.02 | <0.000234 | U | <0.000211 | U | <0.000206 | U | <0.00024 | U | <0.000319 | U | <0.00025 | U | <0.000212 | U | <0.000205 | U |
| Beta-BHC | 3 | 0.09 | <0.000748 | U | <0.000678 | U | <0.000661 | U | <0.00077 | U | <0.00102 | U | <0.000802 | U | <0.000681 | U | <0.000658 | U |
| Chlordane | | | <0.00654 | U | <0.00592 | U | <0.00577 | U | <0.00672 | U | <0.00894 | U | <0.00701 | U | <0.00595 | U | <0.00575 | U |
| cis-Chlordane | 24 | 2.9 | <0.000688 | U | <0.000622 | U | <0.000607 | U | <0.000707 | U | <0.00094 | U | 0.00269 | IP | 0.00421 | IP | 0.00441 | |
| Delta-BHC | 500 | 0.25 | <0.000386 | U | <0.00035 | U | <0.000341 | U | <0.000398 | U | <0.000529 | U | <0.000414 | U | <0.000352 | U | <0.00034 | U |
| Dieldrin | 1.4 | 0.1 | <0.000617 | U | <0.000558 | U | <0.000544 | U | <0.000634 | U | <0.000844 | U | <0.000661 | U | <0.000561 | U | <0.000542 | U |
| Endosulfan I | 200 | 102 | <0.000466 | U | <0.000422 | U | <0.000412 | U | <0.00048 | U | <0.000638 | U | <0.0005 | U | <0.000424 | U | <0.00041 | U |
| Endosulfan II | 200 | 102 | <0.00066 | U | <0.000597 | U | <0.000582 | U | <0.000678 | U | <0.000902 | U | <0.000707 | U | <0.0006 | U | <0.00058 | U |
| Endosulfan sulfate | 200 | 1000 | <0.000391 | U | <0.000354 | U | <0.000346 | U | <0.000403 | U | <0.000535 | U | <0.00042 | U | <0.000356 | U | <0.000344 | U |
| Endrin | 89 | 0.06 | <0.000337 | U | <0.000305 | U | <0.000298 | U | <0.000347 | U | <0.000461 | U | <0.000361 | U | <0.000307 | U | <0.000296 | U |
| Endrin aldehyde | | | <0.000864 | U | <0.000782 | U | <0.000762 | U | <0.000888 | U | <0.00118 | U | <0.000926 | U | <0.000786 | U | <0.00076 | U |
| Endrin ketone | | | <0.000508 | U | <0.00046 | U | <0.000449 | U | <0.000523 | U | <0.000695 | U | <0.000545 | U | <0.000462 | U | <0.000447 | U |
| Heptachlor | 15 | 0.38 | <0.000442 | U | <0.000401 | U | <0.00039 | U | <0.000455 | U | <0.000605 | U | <0.000474 | U | <0.000402 | U | <0.000389 | U |
| Heptachlor epoxide | | | <0.00111 | U | <0.001 | U | <0.00098 | U | <0.00114 | U | <0.00152 | U | <0.00119 | U | <0.00101 | U | <0.000976 | U |
| Lindane | 9.2 | 0.1 | <0.000368 | U | <0.000333 | U | <0.000324 | U | <0.000378 | U | <0.000503 | U | <0.000394 | U | <0.000334 | U | <0.000323 | U |
| Methoxychlor | | | <0.00115 | U | <0.00104 | U | <0.00102 | U | <0.00118 | U | <0.00157 | U | <0.00123 | U | <0.00105 | U | <0.00101 | U |
| Toxaphene | | | <0.0104 | U | <0.00938 | U | <0.00915 | U | <0.0106 | U | <0.0142 | U | <0.0111 | U | <0.00943 | U | <0.00911 | U |
| trans-Chlordane | | | <0.000651 | U | <0.00059 | U | <0.000575 | U | <0.00067 | U | <0.000891 | U | 0.00272 | IP | 0.00247 | IP | 0.00142 | JIP |
| **POLYCHLORINATED BIPHENYLS BY GC** | | | | | | | | | | | | | | | | | | |
| Aroclor 1016 | 1 | 3.2 | <0.00544 | U | <0.00474 | U | <0.00468 | U | <0.00554 | U | <0.00751 | U | <0.00607 | U | <0.00492 | U | <0.00454 | U |
| Aroclor 1221 | 1 | 3.2 | <0.00614 | U | <0.00535 | U | <0.00528 | U | <0.00625 | U | <0.00847 | U | <0.00685 | U | <0.00555 | U | <0.00512 | U |
| Aroclor 1232 | 1 | 3.2 | <0.013 | U | <0.0113 | U | <0.0112 | U | <0.0132 | U | <0.0179 | U | <0.0145 | U | <0.0117 | U | <0.0108 | U |
| Aroclor 1242 | 1 | 3.2 | <0.00826 | U | <0.0072 | U | <0.0071 | U | <0.0084 | U | <0.0114 | U | <0.00921 | U | <0.00747 | U | <0.00689 | U |
| Aroclor 1248 | 1 | 3.2 | 0.232 | | 0.0234 | J | <0.0079 | U | 0.106 | | 0.014 | J | 0.0514 | J | 0.274 | | 0.244 | |
| Aroclor 1254 | 1 | 3.2 | 0.356 | | 0.0476 | J | <0.00576 | U | 0.0872 | | 0.0302 | J | 0.0669 | J | 0.368 | | 0.255 | |
| Aroclor 1260 | 1 | 3.2 | 0.066 | | 0.0218 | J | <0.00973 | U | 0.0255 | J | 0.0225 | J | 0.0258 | J | 0.0819 | | 0.079 | |

## Appendix I-1
## Documentation Sample Results - All Analytes

| SAMPLE ID: | Part 375 Commercial Use SCOs (mg/Kg) | Part 375 Groundwater SCOs (mg/Kg) | TRENCH-10 (1) | | TRENCH-11 (0.5) | | TRENCH-12 (1) | | TRENCH-13 (1) | | TRENCH-14 (1) | | TRENCH-15 (1) | | TRENCH-16 (1) | | TRENCH-17 (1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| COLLECTION DATE: | | | 7/18/2024 | | 7/19/2024 | | 7/19/2024 | | 7/19/2024 | | 7/19/2024 | | 7/19/2024 | | 7/19/2024 | | 7/19/2024 | |
| SAMPLE DEPTH: | | | 1 | | 0.5 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| SAMPLE MATRIX: | | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | |
| Aroclor 1262 | 1 | 3.2 | <0.00778 | U | <0.00678 | U | <0.00669 | U | <0.00792 | U | <0.0107 | U | <0.00868 | U | <0.00704 | U | <0.00649 | U |
| Aroclor 1268 | 1 | 3.2 | <0.00635 | U | <0.00553 | U | <0.00546 | U | <0.00646 | U | <0.00876 | U | <0.00708 | U | <0.00574 | U | <0.0053 | U |
| PCBs, Total | 1 | 3.2 | 0.654 | | 0.0928 | J | <0.00468 | U | 0.219 | J | 0.0667 | J | 0.144 | J | 0.724 | | 0.578 | |
| **TOTAL METALS** | | | | | | | | | | | | | | | | | | |
| Aluminum, Total | | | 9860 | | 5460 | | 950 | | 1530 | | 4370 | | 9440 | | 6090 | | 7150 | |
| Antimony, Total | | | 2.01 | J | 2.15 | J | 2.43 | J | 1.69 | J | 1.58 | J | 0.7 | J | 1.25 | J | 1.73 | J |
| Arsenic, Total | 16 | 16 | 7.64 | | 7.36 | | 4.43 | | 3.06 | | 5.53 | | 5.89 | | 9.36 | | 8.69 | |
| Barium, Total | 400 | 820 | 134 | | 66.8 | | 10.6 | | 19 | | 63.7 | | 93.6 | | 89.6 | | 111 | |
| Beryllium, Total | 590 | 47 | 0.718 | | 0.347 | J | <0.111 | U | 0.135 | J | 0.314 | J | 0.55 | | 0.359 | J | 0.467 | |
| Cadmium, Total | 9.3 | 7.5 | 0.63 | J | 1.32 | J | <0.33 | U | 0.64 | J | 0.617 | J | 0.439 | J | 0.582 | J | 0.568 | J |
| Calcium, Total | | | 38100 | | 98400 | | 146000 | | 57300 | | 61100 | | 16500 | | 37400 | | 76600 | |
| Chromium, Total | | | 75.6 | | 40.7 | | 4 | | 5.18 | | 18 | | 19.3 | | 20.8 | | 23.9 | |
| Cobalt, Total | | | 8.79 | | 7.56 | | 1.52 | J | 1.82 | J | 4.65 | | 6.51 | | 5.62 | | 6.36 | |
| Copper, Total | 270 | 1720 | 29 | | 29.5 | | 6.12 | | 18.1 | | 33.9 | | 43.4 | | 36.8 | | 38.7 | |
| Iron, Total | | | 14400 | | 18700 | | 5620 | | 5790 | | 8820 | | 13300 | | 9980 | | 10200 | |
| Lead, Total | 1000 | 450 | 466 | | 266 | | 18.7 | | 28.5 | | 133 | | 193 | | 269 | | 316 | |
| Magnesium, Total | | | 7490 | | 12600 | | 81400 | | 31000 | | 24100 | | 7220 | | 5520 | | 9350 | |
| Manganese, Total | 10000 | 2000 | 596 | | 539 | | 508 | | 268 | | 370 | | 344 | | 312 | | 485 | |
| Mercury, Total | 2.8 | 0.73 | 1.36 | | 0.437 | | 0.055 | J | 0.07 | J | 0.683 | | 0.354 | | 0.644 | | 1.46 | |
| Nickel, Total | 310 | 130 | 17.5 | | 37.4 | | 2.62 | J | 5.63 | | 10.3 | | 17 | | 12.3 | | 13.8 | |
| Potassium, Total | | | 582 | | 319 | J | 326 | J | 299 | | 459 | | 711 | | 634 | | 712 | |
| Selenium, Total | 1500 | 4 | 0.332 | J | <0.453 | U | <0.87 | U | 0.318 | J | <0.335 | U | <0.274 | U | <0.231 | U | 0.5 | J |
| Silver, Total | 1500 | 8.3 | <0.28 | U | <0.497 | U | <0.954 | U | <0.28 | U | <0.368 | U | <0.3 | U | <0.254 | U | <0.237 | U |
| Sodium, Total | | | 146 | J | 87.2 | J | 171 | J | 122 | J | 150 | J | 77 | J | 70.7 | J | 168 | |
| Thallium, Total | | | <0.312 | U | <0.553 | U | <1.06 | U | <0.312 | U | <0.409 | U | <0.334 | U | <0.282 | U | <0.264 | U |
| Vanadium, Total | | | 18.9 | | 12.3 | | 3.88 | | 3.7 | | 9.1 | | 19.5 | | 13.1 | | 14.2 | |
| Zinc, Total | 10000 | 2480 | 1010 | | 676 | | 108 | | 1100 | | 687 | | 227 | | 241 | | 289 | |
| **GENERAL CHEMISTRY** | | | | | | | | | | | | | | | | | | |
| Cyanide, Total | 27 | 40 | <0.25 | U | 0.41 | J | <0.23 | U | 0.37 | J | 0.51 | J | 0.49 | J | 1.2 | | 0.8 | J |
| Solids, Total | | | 78.8 | | 88 | | 90.5 | | 78.4 | | 58.6 | | 72.3 | | 87.7 | | 92.1 | |

Yellow shading - value exceeds Protection of Groundwater SCO (PSGW SCO)
**BOLD** value - reported value exceeds Commercial Soil Cleanup Objective (CSCO)

[1] indicates a PSGW SCO (toluene, ethylbenzene, total xylenes, total PCBs, & mercury)
E - Indicates concentration of analyte exceeded the range of the calibration curve and/or linear range of the instrument.
J - The reported value is estimated; analyte detected above the MDL but below the RL
U - the reported value was not detected at or above the laboratory's MDL
* Indicates SCO for Total (mixed) xylene; no SCOs exist for individual isomers
** A GWSCO for Total Cr does not exist; value represents SCO for hexavalent Cr
*** A CSCO for Cr does not exist; value represents SCO for trivalent Cr

# Appendix I-2
## Confirmation Sample Results - All Analytes

| SAMPLE ID: | Part 375 Commercial Use SCOs (mg/Kg) | Part 375 Groundwater SCOs (mg/Kg) | BASE-01-09 | | BASE-01-09 | | BASE-02-09 | | DUPE-LAGOON | | DUPE-LAGOON | | LAGOON-SW-N-7 | | LAGOON-SW-N-7 | | BASE-03-07 | | LAGOON-SW-N2-08 | | LAGOON-SW-NE-7 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LAB ID: | | | L2447311-01 | | L2447597-03 | | L2447311-02 | | L2447323-02 | | L2447597-02 | | L2447323-01 | | L2447597-01 | | L2448023-04 | | L2448023-02 | | L2448023-01 | |
| COLLECTION DATE: | | | 8/19/2024 | | 8/21/2024 | | 8/19/2024 | | 8/20/2024 | | 8/21/2024 | | 8/20/2024 | | 8/21/2024 | | 8/22/2024 | | 8/22/2024 | | 8/22/2024 | |
| SAMPLE DEPTH (bgs): | | | 9 | | 9 | | 9 | | 9 | | 9 | | 7 | | 7 | | 7 | | 8 | | 7 | |
| SAMPLE MATRIX: | | | SOIL | | SOIL- Resample | | SOIL | | SOIL | | SOIL- Resample | | SOIL | | SOIL- Resample | | SOIL | | SOIL | | SOIL | |
| ANALYTE | | | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q |
| **VOLATILE ORGANICS BY GC/MS** | | | | | | | | | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane | 500 | 0.68 | <0.00015 | U | <0.00035 | U | <0.00016 | U | - | | <0.00057 | U | - | | <0.00055 | U | <0.00053 | U | <0.023 | U | <0.00047 | U |
| 1,1,2,2-Tetrachloroethane | | | <0.00015 | U | <0.00035 | U | <0.00016 | U | - | | <0.00057 | U | - | | <0.00055 | U | <0.00053 | U | <0.023 | U | <0.00047 | U |
| 1,1,2-Trichloroethane | | | <0.00024 | U | <0.0007 | U | <0.00026 | U | - | | <0.0011 | U | - | | <0.0011 | U | <0.0011 | U | <0.046 | U | <0.00094 | U |
| 1,1-Dichloroethane | 240 | 0.27 | <0.00013 | U | <0.0007 | U | <0.00014 | U | - | | <0.0011 | U | - | | <0.0011 | U | <0.0011 | U | <0.046 | U | <0.00094 | U |
| 1,1-Dichloroethene | 500 | 0.33 | <0.00022 | U | <0.0007 | U | <0.00024 | U | - | | <0.0011 | U | - | | <0.0011 | U | <0.0011 | U | <0.046 | U | <0.00094 | U |
| 1,2,3-Trichlorobenzene | | | <0.00029 | U | <0.0014 | U | <0.00032 | U | - | | <0.0023 | U | - | | <0.0022 | U | <0.0021 | U | <0.092 | U | <0.0019 | U |
| 1,2,4-Trichlorobenzene | | | <0.00025 | U | <0.0014 | U | <0.00027 | U | - | | <0.0023 | U | - | | <0.0022 | U | <0.0021 | U | 0.023 | J | <0.0019 | U |
| 1,2-Dibromo-3-chloropropane | | | <0.00091 | U | <0.0021 | U | <0.00098 | U | - | | <0.0034 | U | - | | <0.0033 | U | <0.0032 | U | <0.14 | U | <0.0028 | U |
| 1,2-Dibromoethane | | | <0.00025 | U | <0.0007 | U | <0.00028 | U | - | | <0.0011 | U | - | | <0.0011 | U | <0.0011 | U | <0.046 | U | <0.00094 | U |
| 1,2-Dichlorobenzene | 500 | 1.1 | <0.00013 | U | <0.0014 | U | 0.00029 | J | - | | <0.0023 | U | - | | <0.0022 | U | 0.0011 | J | <0.092 | U | <0.0019 | U |
| 1,2-Dichloroethane | 30 | 0.02 | <0.00023 | U | <0.0007 | U | <0.00025 | U | - | | <0.0011 | U | - | | <0.0011 | U | <0.0011 | U | <0.046 | U | <0.00094 | U |
| 1,2-Dichloropropane | | | <0.00011 | U | <0.0007 | U | <0.00012 | U | - | | <0.0011 | U | - | | <0.0011 | U | <0.0011 | U | <0.046 | U | <0.00094 | U |
| 1,3-Dichlorobenzene | 280 | 2.4 | <0.00013 | U | <0.0014 | U | <0.00015 | U | - | | <0.0023 | U | - | | <0.0022 | U | <0.0021 | U | <0.092 | U | <0.0019 | U |
| 1,4-Dichlorobenzene | 130 | 1.8 | <0.00016 | U | <0.0014 | U | <0.00017 | U | - | | <0.0023 | U | - | | <0.0022 | U | 0.00019 | J | <0.092 | U | <0.0019 | U |
| 1,4-Dioxane | 130 | 0.1 | <0.032 | U | <0.056 | U | <0.035 | U | - | | <0.091 | U | - | | <0.089 | U | <0.085 | U | <3.7 | U | <0.075 | U |
| 2-Butanone | 500 | 0.12 | 0.012 | | <0.007 | U | 0.0053 | J | - | | 0.0077 | J | - | | 0.014 | | 0.0061 | J | <0.46 | U | 0.0071 | J |
| 2-Hexanone | | | <0.0011 | U | <0.007 | U | <0.0012 | U | - | | <0.011 | U | - | | <0.011 | U | <0.011 | U | <0.46 | U | <0.0094 | U |
| 4-Methyl-2-pentanone | | | <0.0012 | U | <0.007 | U | <0.0013 | U | - | | <0.011 | U | - | | <0.011 | U | <0.011 | U | <0.46 | U | <0.0094 | U |
| Acetone | 500 | 0.05 | 0.013 | | 0.0094 | | 0.12 | | - | | 0.037 | | - | | 0.044 | | 0.055 | | <0.46 | U | 0.035 | |
| Benzene | 44 | 0.06 | <0.00015 | U | <0.00035 | U | <0.00016 | U | - | | <0.00057 | U | - | | <0.00055 | U | 0.0016 | | 0.018 | J | 0.0022 | |
| Bromochloromethane | | | <0.00019 | U | <0.0014 | U | <0.0002 | U | - | | <0.0023 | U | - | | <0.0022 | U | <0.0021 | U | <0.092 | U | <0.0019 | U |
| Bromodichloromethane | | | <0.0001 | U | <0.00035 | U | <0.00011 | U | - | | <0.00057 | U | - | | <0.00055 | U | <0.00053 | U | <0.023 | U | <0.00047 | U |
| Bromoform | | | <0.00022 | U | <0.0028 | U | <0.00024 | U | - | | <0.0046 | U | - | | <0.0044 | U | <0.0042 | U | <0.18 | U | <0.0038 | U |
| Bromomethane | | | <0.00053 | U | <0.0014 | U | <0.00057 | U | - | | <0.0023 | U | - | | <0.0022 | U | <0.0021 | U | <0.092 | U | <0.0019 | U |
| Carbon disulfide | | | <0.0041 | U | <0.007 | U | <0.0045 | U | - | | <0.011 | U | - | | <0.011 | U | <0.011 | U | <0.46 | U | <0.0094 | U |
| Carbon tetrachloride | 22 | 0.76 | <0.00021 | U | <0.0007 | U | <0.00023 | U | - | | <0.0011 | U | - | | <0.0011 | U | <0.0011 | U | <0.046 | U | <0.00094 | U |
| Chlorobenzene | 500 | 1.1 | <0.00012 | U | <0.00035 | U | 0.00031 | J | - | | <0.00057 | U | - | | <0.00055 | U | 0.0014 | | <0.023 | U | <0.00047 | U |
| Chloroethane | | | <0.00041 | U | <0.0014 | U | <0.00045 | U | - | | <0.0023 | U | - | | <0.0022 | U | <0.0021 | U | <0.092 | U | <0.0019 | U |
| Chloroform | 350 | 0.37 | <0.00013 | U | <0.001 | U | <0.00014 | U | - | | <0.0017 | U | - | | <0.0017 | U | <0.0016 | U | <0.069 | U | <0.0014 | U |
| Chloromethane | | | <0.00085 | U | <0.0028 | U | <0.00092 | U | - | | <0.0046 | U | - | | <0.0044 | U | <0.0042 | U | <0.18 | U | <0.0038 | U |
| cis-1,2-Dichloroethene | 500 | 0.25 | <0.00016 | U | <0.0007 | U | <0.00017 | U | - | | <0.0011 | U | - | | <0.0011 | U | <0.0011 | U | <0.046 | U | <0.00094 | U |
| cis-1,3-Dichloropropene | | | <0.00014 | U | <0.00035 | U | <0.00016 | U | - | | <0.00057 | U | - | | <0.00055 | U | <0.00053 | U | <0.023 | U | <0.00047 | U |
| Cyclohexane | | | <0.0005 | U | <0.007 | U | <0.00054 | U | - | | <0.011 | U | - | | <0.011 | U | <0.011 | U | <0.46 | U | <0.0094 | U |
| Dibromochloromethane | | | <0.00013 | U | <0.0007 | U | <0.00014 | U | - | | <0.0011 | U | - | | <0.0011 | U | <0.0011 | U | <0.046 | U | <0.00094 | U |
| Dichlorodifluoromethane | | | <0.00083 | U | <0.007 | U | <0.0009 | U | - | | <0.011 | U | - | | <0.011 | U | <0.011 | U | <0.46 | U | <0.0094 | U |
| Ethylbenzene | 390 | 1 | 0.00075 | J | <0.0007 | U | <0.00014 | U | - | | <0.0011 | U | - | | 0.00032 | J | 0.00081 | J | 0.41 | | 0.00013 | J |
| Freon-113 | | | <0.00063 | U | <0.0028 | U | <0.00068 | U | - | | <0.0046 | U | - | | <0.0044 | U | <0.0042 | U | <0.18 | U | <0.0038 | U |
| Isopropylbenzene | | | <0.0001 | U | <0.0007 | U | <0.00011 | U | - | | <0.0011 | U | - | | <0.0011 | U | 0.005 | | 0.083 | | 0.00016 | J |
| Methyl Acetate | | | <0.00087 | U | <0.0028 | U | <0.00094 | U | - | | <0.0046 | U | - | | <0.0044 | U | <0.0042 | U | 0.046 | J | <0.0038 | U |
| Methyl cyclohexane | | | <0.00055 | U | <0.0028 | U | <0.0006 | U | - | | <0.0046 | U | - | | <0.0044 | U | <0.0042 | U | <0.18 | U | <0.0038 | U |
| Methyl tert butyl ether | 500 | 0.93 | <0.00018 | U | <0.0014 | U | <0.0002 | U | - | | <0.0023 | U | - | | <0.0022 | U | <0.0021 | U | <0.092 | U | <0.0019 | U |
| Methylene chloride | 500 | 0.05 | <0.0021 | U | <0.0035 | U | <0.0023 | U | - | | <0.0057 | U | - | | <0.0055 | U | <0.0053 | U | <0.23 | U | <0.0047 | U |
| o-Xylene | | | 0.00081 | J | <0.0007 | U | <0.00029 | U | - | | 0.00044 | J | - | | 0.00071 | J | 0.00071 | J | 0.38 | | 0.00076 | J |
| p/m-Xylene | | | 0.006 | | <0.0014 | U | <0.00055 | U | - | | 0.00069 | J | - | | 0.0013 | J | 0.017 | | 5.8 | | 0.002 | |
| Styrene | | | <0.00018 | U | <0.0007 | U | <0.00019 | U | - | | <0.0011 | U | - | | <0.0011 | U | <0.0011 | U | <0.046 | U | <0.00094 | U |
| Tetrachloroethene | 150 | 1.3 | <0.00018 | U | <0.00035 | U | <0.00019 | U | - | | <0.00057 | U | - | | <0.00055 | U | <0.00053 | U | <0.023 | U | <0.00047 | U |
| Toluene | 500 | 0.7 | <0.0005 | U | <0.0007 | U | <0.00054 | U | - | | <0.0011 | U | - | | <0.0011 | U | <0.0011 | U | 0.24 | | <0.00094 | U |
| trans-1,2-Dichloroethene | 500 | 0.19 | <0.00012 | U | <0.001 | U | <0.00014 | U | - | | <0.0017 | U | - | | <0.0017 | U | <0.0016 | U | <0.069 | U | <0.0014 | U |
| trans-1,3-Dichloropropene | | | <0.00025 | U | <0.0007 | U | <0.00027 | U | - | | <0.0011 | U | - | | <0.0011 | U | <0.0011 | U | <0.046 | U | <0.00094 | U |
| Trichloroethene | 200 | 0.47 | <0.00012 | U | <0.00035 | U | <0.00014 | U | - | | <0.00057 | U | - | | <0.00055 | U | <0.00053 | U | <0.023 | U | <0.00047 | U |
| Trichlorofluoromethane | | | <0.00063 | U | <0.0028 | U | <0.00069 | U | - | | <0.0046 | U | - | | <0.0044 | U | <0.0042 | U | <0.18 | U | <0.0038 | U |
| Vinyl chloride | 13 | 0.02 | <0.0003 | U | <0.0007 | U | <0.00033 | U | - | | <0.0011 | U | - | | <0.0011 | U | <0.0011 | U | <0.046 | U | <0.00094 | U |
| Total VOCs | | | 0.03256 | - | 0.0094 | - | 0.1259 | - | - | | 0.04583 | - | - | | 0.06033 | - | 0.08891 | - | 7 | - | 0.04735 | - |

# Appendix I-2
## Confirmation Sample Results - All Analytes

| SAMPLE ID: | Part 375 Commercial Use SCOs (mg/Kg) | Part 375 Groundwater SCOs (mg/Kg) | BASE-01-09 | | BASE-01-09 | | BASE-02-09 | | DUPE-LAGOON | | DUPE-LAGOON | | LAGOON-SW-N-7 | | LAGOON-SW-N-7 | | BASE-03-07 | | LAGOON-SW-N2-08 | | LAGOON-SW-NE-7 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LAB ID: | | | L2447311-01 | | L2447597-03 | | L2447311-02 | | L2447323-02 | | L2447597-02 | | L2447323-01 | | L2447597-01 | | L2448023-04 | | L2448023-02 | | L2448023-01 | |
| COLLECTION DATE: | | | 8/19/2024 | | 8/21/2024 | | 8/19/2024 | | 8/20/2024 | | 8/21/2024 | | 8/20/2024 | | 8/21/2024 | | 8/22/2024 | | 8/22/2024 | | 8/22/2024 | |
| SAMPLE DEPTH (bgs): | | | 9 | | 9 | | 9 | | 9 | | 9 | | 7 | | 7 | | 7 | | 8 | | 7 | |
| SAMPLE MATRIX: | | | SOIL | | SOIL- Resample | | SOIL | | SOIL | | SOIL- Resample | | SOIL | | SOIL- Resample | | SOIL | | SOIL | | SOIL | |
| ANALYTE | | | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q |
| **SEMIVOLATILE ORGANICS BY GC/MS** | | | | | | | | | | | | | | | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | | | <0.02 | U | - | | <0.019 | U | <0.019 | U | - | | <0.019 | U | - | | <0.19 | U | <1.9 | U | <1.9 | U |
| 2,3,4,6-Tetrachlorophenol | | | <0.04 | U | - | | <0.037 | U | <0.038 | U | - | | <0.037 | U | - | | <0.19 | U | <1.9 | U | <1.9 | U |
| 2,4,5-Trichlorophenol | | | <0.038 | U | - | | <0.035 | U | <0.036 | U | - | | <0.035 | U | - | | <0.19 | U | <1.9 | U | <1.9 | U |
| 2,4,6-Trichlorophenol | | | <0.037 | U | - | | <0.034 | U | <0.035 | U | - | | <0.034 | U | - | | <0.11 | U | <1.1 | U | <1.2 | U |
| 2,4-Dichlorophenol | | | <0.031 | U | - | | <0.029 | U | <0.03 | U | - | | <0.029 | U | - | | <0.17 | U | <1.7 | U | <1.7 | U |
| 2,4-Dimethylphenol | | | <0.065 | U | - | | <0.06 | U | <0.062 | U | - | | <0.06 | U | - | | <0.19 | U | <1.9 | U | <1.9 | U |
| 2,4-Dinitrophenol | | | <0.091 | U | - | | <0.084 | U | <0.087 | U | - | | <0.085 | U | - | | <0.91 | U | <9.1 | U | <9.3 | U |
| 2,4-Dinitrotoluene | | | <0.039 | U | - | | <0.036 | U | <0.037 | U | - | | <0.036 | U | - | | <0.19 | U | <1.9 | U | <1.9 | U |
| 2,6-Dinitrotoluene | | | <0.034 | U | - | | <0.031 | U | <0.032 | U | - | | <0.031 | U | - | | <0.19 | U | <1.9 | U | <1.9 | U |
| 2-Chloronaphthalene | | | <0.019 | U | - | | <0.018 | U | <0.018 | U | - | | <0.018 | U | - | | <0.19 | U | <1.9 | U | <1.9 | U |
| 2-Chlorophenol | | | <0.023 | U | - | | <0.021 | U | <0.022 | U | - | | <0.022 | U | - | | <0.19 | U | <1.9 | U | <1.9 | U |
| 2-Methylnaphthalene | | | <0.024 | U | - | | <0.022 | U | <0.022 | U | - | | <0.022 | U | - | | <0.23 | U | <2.3 | U | <2.3 | U |
| 2-Methylphenol | 500 | 0.33 | <0.03 | U | - | | <0.028 | U | <0.029 | U | - | | <0.028 | U | - | | <0.19 | U | <1.9 | U | <1.9 | U |
| 2-Nitroaniline | | | <0.038 | U | - | | <0.035 | U | <0.036 | U | - | | <0.035 | U | - | | <0.19 | U | <1.9 | U | <1.9 | U |
| 2-Nitrophenol | | | <0.074 | U | - | | <0.068 | U | <0.07 | U | - | | <0.068 | U | - | | <0.41 | U | <4.1 | U | <4.2 | U |
| 3,3'-Dichlorobenzidine | | | <0.052 | U | - | | <0.048 | U | <0.05 | U | - | | <0.048 | U | - | | <0.19 | U | <1.9 | U | <1.9 | U |
| 3-Methylphenol/4-Methylphenol | 500 | 0.33 | <0.031 | U | - | | <0.028 | U | <0.029 | U | - | | <0.028 | U | - | | <0.27 | U | <2.7 | U | <2.8 | U |
| 3-Nitroaniline | | | <0.037 | U | - | | <0.034 | U | <0.035 | U | - | | <0.034 | U | - | | <0.19 | U | <1.9 | U | <1.9 | U |
| 4,6-Dinitro-o-cresol | | | <0.094 | U | - | | <0.087 | U | <0.09 | U | - | | <0.087 | U | - | | <0.49 | U | <4.9 | U | <5 | U |
| 4-Bromophenyl phenyl ether | | | <0.03 | U | - | | <0.028 | U | <0.028 | U | - | | <0.028 | U | - | | <0.19 | U | <1.9 | U | <1.9 | U |
| 4-Chloroaniline | | | <0.036 | U | - | | <0.033 | U | <0.034 | U | - | | <0.033 | U | - | | <0.19 | U | <1.9 | U | <1.9 | U |
| 4-Chlorophenyl phenyl ether | | | <0.021 | U | - | | <0.019 | U | <0.02 | U | - | | <0.019 | U | - | | <0.19 | U | <1.9 | U | <1.9 | U |
| 4-Nitroaniline | | | <0.081 | U | - | | <0.075 | U | <0.077 | U | - | | <0.075 | U | - | | <0.19 | U | <1.9 | U | <1.9 | U |
| 4-Nitrophenol | | | <0.08 | U | - | | <0.074 | U | <0.076 | U | - | | <0.074 | U | - | | <0.26 | U | <2.6 | U | <2.7 | U |
| Acenaphthene | 500 | 98 | <0.02 | U | - | | <0.019 | U | <0.019 | U | - | | <0.019 | U | - | | <0.15 | U | <1.5 | U | <1.6 | U |
| Acenaphthylene | 500 | 107 | <0.03 | U | - | | <0.028 | U | <0.029 | U | - | | <0.028 | U | - | | <0.15 | U | <1.5 | U | <1.6 | U |
| Acetophenone | | | <0.024 | U | - | | <0.022 | U | <0.023 | U | - | | <0.022 | U | - | | <0.19 | U | <1.9 | U | <1.9 | U |
| Anthracene | 500 | 1000 | <0.038 | U | - | | <0.035 | U | <0.036 | U | - | | <0.036 | U | - | | <0.11 | U | <1.1 | U | <1.2 | U |
| Atrazine | | | <0.068 | U | - | | <0.064 | U | <0.065 | U | - | | <0.064 | U | - | | <0.15 | U | <1.5 | U | <1.6 | U |
| Benzaldehyde | | | <0.053 | U | - | | <0.049 | U | <0.05 | U | - | | <0.049 | U | - | | <0.25 | U | <2.5 | U | <2.6 | U |
| Benzo(a)anthracene | 5.6 | 1 | <0.022 | U | - | | <0.02 | U | <0.021 | U | - | | <0.02 | U | - | | <0.11 | U | <1.1 | U | <1.2 | U |
| Benzo(a)pyrene | 1 | 22 | <0.048 | U | - | | <0.044 | U | <0.046 | U | - | | <0.044 | U | - | | <0.15 | U | <1.5 | U | <1.6 | U |
| Benzo(b)fluoranthene | 5.6 | 1.7 | <0.033 | U | - | | <0.03 | U | <0.031 | U | - | | <0.031 | U | - | | <0.11 | U | <1.1 | U | <1.2 | U |
| Benzo(ghi)perylene | 500 | 1000 | <0.023 | U | - | | <0.021 | U | <0.022 | U | - | | <0.021 | U | - | | <0.15 | U | <1.5 | U | <1.6 | U |
| Benzo(k)fluoranthene | 56 | 1.7 | <0.031 | U | - | | <0.029 | U | <0.03 | U | - | | <0.029 | U | - | | <0.11 | U | <1.1 | U | <1.2 | U |
| Biphenyl | | | <0.025 | U | - | | <0.024 | U | <0.024 | U | - | | <0.024 | U | - | | <0.43 | U | <4.3 | U | <4.4 | U |
| Bis(2-chloroethoxy)methane | | | <0.02 | U | - | | <0.018 | U | <0.019 | U | - | | <0.018 | U | - | | <0.2 | U | <2 | U | <2.1 | U |
| Bis(2-chloroethyl)ether | | | <0.026 | U | - | | <0.025 | U | <0.025 | U | - | | <0.025 | U | - | | <0.17 | U | <1.7 | U | <1.7 | U |
| Bis(2-chloroisopropyl)ether | | | <0.033 | U | - | | <0.031 | U | <0.032 | U | - | | <0.031 | U | - | | <0.23 | U | <2.3 | U | <2.3 | U |
| Bis(2-ethylhexyl)phthalate | | | <0.068 | U | - | | <0.063 | U | <0.064 | U | - | | <0.063 | U | - | | <0.19 | U | 8.8 | | <1.9 | U |
| Butyl benzyl phthalate | | | <0.049 | U | - | | <0.046 | U | <0.047 | U | - | | <0.046 | U | - | | <0.19 | U | <1.9 | U | <1.9 | U |
| Caprolactam | | | <0.06 | U | - | | <0.055 | U | <0.057 | U | - | | <0.055 | U | - | | <0.19 | U | <1.9 | U | <1.9 | U |
| Carbazole | | | <0.019 | U | - | | <0.018 | U | <0.018 | U | - | | <0.018 | U | - | | <0.19 | U | <1.9 | U | <1.9 | U |
| Chrysene | 56 | 1 | <0.02 | U | - | | <0.019 | U | <0.019 | U | - | | <0.019 | U | - | | <0.11 | U | <1.1 | U | <1.2 | U |
| Di-n-butylphthalate | | | <0.037 | U | - | | <0.034 | U | <0.035 | U | - | | <0.034 | U | - | | <0.19 | U | <1.9 | U | <1.9 | U |
| Di-n-octylphthalate | | | <0.066 | U | - | | <0.062 | U | <0.063 | U | - | | <0.062 | U | - | | <0.19 | U | <1.9 | U | <1.9 | U |
| Dibenzo(a,h)anthracene | 0.56 | 1000 | <0.023 | U | - | | <0.021 | U | <0.022 | U | - | | <0.021 | U | - | | <0.11 | U | <1.1 | U | <1.2 | U |
| Dibenzofuran | 350 | 210 | <0.018 | U | - | | <0.017 | U | <0.018 | U | - | | <0.017 | U | - | | <0.19 | U | <1.9 | U | <1.9 | U |
| Diethyl phthalate | | | <0.018 | U | - | | <0.017 | U | <0.017 | U | - | | <0.017 | U | - | | <0.19 | U | <1.9 | U | <1.9 | U |
| Dimethyl phthalate | | | <0.041 | U | - | | <0.038 | U | <0.039 | U | - | | <0.038 | U | - | | <0.19 | U | <1.9 | U | <1.9 | U |
| Fluoranthene | 500 | 1000 | <0.022 | U | - | | <0.021 | U | 0.028 | J | - | | <0.021 | U | - | | <0.11 | U | 0.3 | J | <1.2 | U |
| Fluorene | 500 | 386 | <0.019 | U | - | | <0.018 | U | <0.018 | U | - | | <0.018 | U | - | | <0.19 | U | <1.9 | U | <1.9 | U |
| Hexachlorobenzene | 6 | 3.2 | <0.022 | U | - | | <0.02 | U | <0.021 | U | - | | <0.02 | U | - | | <0.11 | U | <1.1 | U | <1.2 | U |
| Hexachlorobutadiene | | | <0.029 | U | - | | <0.026 | U | <0.027 | U | - | | <0.027 | U | - | | <0.19 | U | <1.9 | U | <1.9 | U |
| Hexachlorocyclopentadiene | | | <0.18 | U | - | | <0.16 | U | <0.17 | U | - | | <0.16 | U | - | | <0.54 | U | <5.4 | U | <5.5 | U |
| Hexachloroethane | | | <0.032 | U | - | | <0.029 | U | <0.03 | U | - | | <0.029 | U | - | | <0.15 | U | <1.5 | U | <1.6 | U |
| Indeno(1,2,3-cd)pyrene | 5.6 | 8.2 | <0.027 | U | - | | <0.025 | U | <0.026 | U | - | | <0.025 | U | - | | <0.15 | U | <1.5 | U | <1.6 | U |
| Isophorone | | | <0.025 | U | - | | <0.024 | U | <0.024 | U | - | | <0.024 | U | - | | <0.17 | U | <1.7 | U | <1.7 | U |

# Appendix I-2
## Confirmation Sample Results - All Analytes

| SAMPLE ID: | Part 375 Commercial Use SCOs (mg/Kg) | Part 375 Groundwater SCOs (mg/Kg) | BASE-01-09 | | BASE-01-09 | | BASE-02-09 | | DUPE-LAGOON | | DUPE-LAGOON | | LAGOON-SW-N-7 | | LAGOON-SW-N-7 | | BASE-03-07 | | LAGOON-SW-N2-08 | | LAGOON-SW-NE-7 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LAB ID: | | | L2447311-01 | | L2447597-03 | | L2447311-02 | | L2447323-02 | | L2447597-02 | | L2447323-01 | | L2447597-01 | | L2448023-04 | | L2448023-02 | | L2448023-01 | |
| COLLECTION DATE: | | | 8/19/2024 | | 8/21/2024 | | 8/19/2024 | | 8/20/2024 | | 8/21/2024 | | 8/20/2024 | | 8/21/2024 | | 8/22/2024 | | 8/22/2024 | | 8/22/2024 | |
| SAMPLE DEPTH (bgs): | | | 9 | | 9 | | 9 | | 9 | | 9 | | 7 | | 7 | | 7 | | 8 | | 7 | |
| SAMPLE MATRIX: | | | SOIL | | SOIL- Resample | | SOIL | | SOIL | | SOIL- Resample | | SOIL | | SOIL- Resample | | SOIL | | SOIL | | SOIL | |
| ANALYTE | | | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q |
| n-Nitrosodi-n-propylamine | | | <0.03 | U | - | | <0.028 | U | <0.029 | U | - | | <0.028 | U | - | | <0.19 | U | <1.9 | U | <1.9 | U |
| Naphthalene | 500 | 12 | <0.024 | U | - | | <0.022 | U | <0.023 | U | - | | <0.022 | U | - | | <0.19 | U | 0.73 | J | <1.9 | U |
| NDPA/DPA | | | <0.022 | U | - | | <0.021 | U | <0.021 | U | - | | <0.021 | U | - | | <0.15 | U | <1.5 | U | <1.6 | U |
| Nitrobenzene | | | <0.029 | U | - | | <0.027 | U | <0.028 | U | - | | <0.027 | U | - | | <0.17 | U | <1.7 | U | <1.7 | U |
| p-Chloro-m-cresol | | | <0.029 | U | - | | <0.027 | U | <0.028 | U | - | | <0.027 | U | - | | <0.19 | U | <1.9 | U | <1.9 | U |
| Pentachlorophenol | 6.7 | 0.8 | <0.043 | U | - | | <0.04 | U | <0.041 | U | - | | <0.04 | U | - | | <0.15 | U | <1.5 | U | <1.6 | U |
| Phenanthrene | 500 | 1000 | <0.024 | U | - | | <0.022 | U | <0.023 | U | - | | <0.022 | U | - | | <0.11 | U | <1.1 | U | <1.2 | U |
| Phenol | 500 | 0.33 | <0.03 | U | - | | <0.027 | U | <0.028 | U | - | | <0.027 | U | - | | <0.19 | U | <1.9 | U | <1.9 | U |
| Pyrene | 500 | 1000 | <0.019 | U | - | | <0.018 | U | 0.021 | J | - | | <0.018 | U | - | | <0.11 | U | 0.25 | J | <1.2 | U |
| Total SVOCs | | | - | - | - | | - | - | 0.049 | - | - | | - | - | - | | - | - | 10.08 | - | - | - |
| **CHLORINATED HERBICIDES BY GC** | | | | | | | | | | | | | | | | | | | | | | |
| 2,4,5-T | | | <0.00609 | U | - | | <0.00574 | U | <0.00578 | U | - | | <0.00571 | U | - | | <0.189 | U | <0.188 | U | <0.195 | U |
| 2,4,5-TP (Silvex) | 500 | 3.8 | <0.00523 | U | - | | <0.00492 | U | <0.00496 | U | - | | <0.0049 | U | - | | <0.189 | U | <0.188 | U | <0.195 | U |
| 2,4-D | | | <0.0124 | U | - | | <0.0117 | U | <0.0117 | U | - | | <0.0116 | U | - | | <0.189 | U | <0.188 | U | <0.195 | U |
| **ORGANOCHLORINE PESTICIDES BY GC** | | | | | | | | | | | | | | | | | | | | | | |
| 4,4'-DDD | 92 | 14 | <0.000674 | U | - | | <0.000637 | U | <0.00063 | U | - | | <0.000613 | U | - | | <0.00173 | U | 0.00129 | J | <0.00189 | U |
| 4,4'-DDE | 62 | 17 | <0.000437 | U | - | | <0.000413 | U | <0.000408 | U | - | | <0.000398 | U | - | | <0.00173 | U | <0.00183 | U | <0.00189 | U |
| 4,4'-DDT | 47 | 136 | <0.00152 | U | - | | <0.00144 | U | <0.00142 | U | - | | <0.00138 | U | - | | <0.00173 | U | <0.00183 | U | <0.00189 | U |
| Aldrin | 0.68 | 0.19 | <0.000665 | U | - | | <0.000628 | U | <0.000622 | U | - | | <0.000605 | U | - | | <0.00173 | U | <0.00183 | U | <0.00189 | U |
| Alpha-BHC | 3.4 | 0.02 | <0.000223 | U | - | | <0.000211 | U | <0.000209 | U | - | | <0.000203 | U | - | | <0.00072 | U | <0.000762 | U | <0.000788 | U |
| Beta-BHC | 3 | 0.09 | <0.000716 | U | - | | <0.000677 | U | <0.000669 | U | - | | <0.000652 | U | - | | <0.00173 | U | <0.00183 | U | <0.00189 | U |
| Chlordane | | | <0.00626 | U | - | | <0.00591 | U | <0.00585 | U | - | | <0.00569 | U | - | | <0.0144 | U | <0.0152 | U | <0.0158 | U |
| cis-Chlordane | 24 | 2.9 | <0.000658 | U | - | | <0.000622 | U | <0.000615 | U | - | | <0.000599 | U | - | | <0.00216 | U | <0.00228 | U | <0.00236 | U |
| Delta-BHC | 500 | 0.25 | <0.00037 | U | - | | <0.00035 | U | <0.000346 | U | - | | <0.000337 | U | - | | <0.00173 | U | <0.00183 | U | <0.00189 | U |
| Dieldrin | 1.4 | 0.1 | <0.00059 | U | - | | <0.000558 | U | <0.000552 | U | - | | <0.000537 | U | - | | <0.00108 | U | <0.00114 | U | <0.00118 | U |
| Endosulfan I | 200 | 102 | <0.000446 | U | - | | <0.000422 | U | <0.000417 | U | - | | <0.000406 | U | - | | <0.00173 | U | <0.00183 | U | <0.00189 | U |
| Endosulfan II | 200 | 102 | <0.000631 | U | - | | <0.000596 | U | <0.00059 | U | - | | <0.000574 | U | - | | <0.00173 | U | <0.00183 | U | <0.00189 | U |
| Endosulfan sulfate | 200 | 1000 | <0.000374 | U | - | | <0.000354 | U | <0.00035 | U | - | | <0.000341 | U | - | | <0.00072 | U | <0.000762 | U | <0.000788 | U |
| Endrin | 89 | 0.06 | <0.000323 | U | - | | <0.000305 | U | <0.000302 | U | - | | <0.000294 | U | - | | <0.00072 | U | <0.000762 | U | <0.000788 | U |
| Endrin aldehyde | | | <0.000826 | U | - | | <0.000781 | U | <0.000772 | U | - | | <0.000752 | U | - | | <0.00216 | U | <0.00228 | U | <0.00236 | U |
| Endrin ketone | | | <0.000486 | U | - | | <0.00046 | U | <0.000455 | U | - | | <0.000443 | U | - | | <0.00173 | U | <0.00183 | U | <0.00189 | U |
| Heptachlor | 15 | 0.38 | <0.000423 | U | - | | <0.0004 | U | <0.000396 | U | - | | <0.000385 | U | - | | <0.000864 | U | <0.000914 | U | <0.000945 | U |
| Heptachlor epoxide | | | <0.00106 | U | - | | <0.001 | U | <0.000993 | U | - | | <0.000967 | U | - | | <0.00324 | U | <0.00343 | U | <0.00354 | U |
| Lindane | 9.2 | 0.1 | <0.000352 | U | - | | <0.000332 | U | <0.000329 | U | - | | <0.00032 | U | - | | <0.00072 | U | <0.000762 | U | <0.000788 | U |
| Methoxychlor | | | <0.0011 | U | - | | <0.00104 | U | <0.00103 | U | - | | <0.001 | U | - | | <0.00324 | U | <0.00343 | U | <0.00354 | U |
| Toxaphene | | | <0.00992 | U | - | | <0.00937 | U | <0.00927 | U | - | | <0.00902 | U | - | | <0.0324 | U | <0.0343 | U | <0.0354 | U |
| trans-Chlordane | | | <0.000623 | U | - | | <0.000589 | U | <0.000583 | U | - | | <0.000567 | U | - | | <0.00216 | U | <0.00228 | U | <0.00236 | U |
| **POLYCHLORINATED BIPHENYLS BY GC** | | | | | | | | | | | | | | | | | | | | | | |
| Aroclor 1016 | 1 | 3.2 | <0.00495 | U | - | | <0.00485 | U | <0.00497 | U | - | | <0.00482 | U | - | | <0.0566 | U | <0.0537 | U | <0.276 | U |
| Aroclor 1221 | 1 | 3.2 | <0.00558 | U | - | | <0.00547 | U | <0.00561 | U | - | | <0.00544 | U | - | | <0.0566 | U | <0.0537 | U | <0.276 | U |
| Aroclor 1232 | 1 | 3.2 | <0.0118 | U | - | | <0.0116 | U | <0.0119 | U | - | | <0.0115 | U | - | | <0.0566 | U | <0.0537 | U | <0.276 | U |
| Aroclor 1242 | 1 | 3.2 | <0.00751 | U | - | | <0.00736 | U | <0.00755 | U | - | | <0.00732 | U | - | | <0.0566 | U | <0.0537 | U | <0.276 | U |
| Aroclor 1248 | 1 | 3.2 | <0.00836 | U | - | | <0.00819 | U | <0.0084 | U | - | | <0.00814 | U | - | | <0.0566 | U | 0.144 | | 2.24 | |
| Aroclor 1254 | 1 | 3.2 | <0.0061 | U | - | | <0.00597 | U | <0.00613 | U | - | | <0.00594 | U | - | | <0.0566 | U | <0.0537 | U | <0.276 | U |
| Aroclor 1260 | 1 | 3.2 | <0.0103 | U | - | | <0.0101 | U | <0.0104 | U | - | | <0.01 | U | - | | <0.0566 | U | <0.0537 | U | <0.276 | U |
| Aroclor 1262 | 1 | 3.2 | <0.00708 | U | - | | <0.00693 | U | <0.00711 | U | - | | <0.00689 | U | - | | <0.0566 | U | <0.0537 | U | <0.276 | U |
| Aroclor 1268 | 1 | 3.2 | <0.00577 | U | - | | <0.00566 | U | <0.0058 | U | - | | <0.00562 | U | - | | <0.0566 | U | <0.0537 | U | <0.276 | U |
| PCBs, Total | 1 | 3.2 | <0.00495 | U | - | | <0.00485 | U | <0.00497 | U | - | | <0.00482 | U | - | | <0.0566 | U | 0.144 | | 2.24 | |

# Appendix I-2
## Confirmation Sample Results - All Analytes

| SAMPLE ID: | Part 375 Commercial Use SCOs (mg/Kg) | Part 375 Groundwater SCOs (mg/Kg) | BASE-01-09 | | BASE-01-09 | | BASE-02-09 | | DUPE-LAGOON | | DUPE-LAGOON | | LAGOON-SW-N-7 | | LAGOON-SW-N-7 | | BASE-03-07 | | LAGOON-SW-N2-08 | | LAGOON-SW-NE-7 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LAB ID: | | | L2447311-01 | | L2447597-03 | | L2447311-02 | | L2447323-02 | | L2447597-02 | | L2447323-01 | | L2447597-01 | | L2448023-04 | | L2448023-02 | | L2448023-01 | |
| COLLECTION DATE: | | | 8/19/2024 | | 8/21/2024 | | 8/19/2024 | | 8/20/2024 | | 8/21/2024 | | 8/20/2024 | | 8/21/2024 | | 8/22/2024 | | 8/22/2024 | | 8/22/2024 | |
| SAMPLE DEPTH (bgs): | | | 9 | | 9 | | 9 | | 9 | | 9 | | 7 | | 7 | | 7 | | 8 | | 7 | |
| SAMPLE MATRIX: | | | SOIL | | SOIL- Resample | | SOIL | | SOIL | | SOIL- Resample | | SOIL | | SOIL- Resample | | SOIL | | SOIL | | SOIL | |
| ANALYTE | | | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q |
| **TOTAL METALS** | | | | | | | | | | | | | | | | | | | | | | |
| Aluminum, Total | | | 7570 | | - | | 7340 | | 8380 | | - | | 8670 | | - | | 8250 | | 7040 | | 8720 | |
| Antimony, Total | | | <0.34 | U | - | | <0.33 | U | <0.33 | U | - | | <0.325 | U | - | | <4.48 | U | 0.345 | J | 0.563 | J |
| Arsenic, Total | 16 | 16 | 3.84 | | - | | 4.38 | | 4.08 | | - | | 3.14 | | - | | 4.25 | | 2.98 | | 4.5 | |
| Barium, Total | 400 | 820 | 77 | | - | | 74.7 | | 86.5 | | - | | 106 | | - | | 93.1 | | 88.4 | | 99.2 | |
| Beryllium, Total | 590 | 47 | 0.375 | J | - | | 0.38 | J | 0.423 | J | - | | 0.412 | J | - | | 0.423 | J | 0.382 | J | 0.498 | |
| Cadmium, Total | 9.3 | 7.5 | 0.195 | J | - | | 0.176 | J | 0.147 | J | - | | 0.189 | J | - | | 0.183 | J | 0.178 | J | 0.285 | J |
| Calcium, Total | | | 67600 | | - | | 71300 | | 64500 | | - | | 48500 | | - | | 56800 | | 48200 | | 44800 | |
| Chromium, Total | | | 11.7 | | - | | 12.1 | | 12.6 | | - | | 14 | | - | | 12.6 | | 12.9 | | 20.2 | |
| Cobalt, Total | | | 6.24 | | - | | 6.18 | | 7.96 | | - | | 7.76 | | - | | 6.95 | | 9.04 | | 7.9 | |
| Copper, Total | 270 | 1720 | 15.8 | | - | | 14.4 | | 16.6 | | - | | 11.1 | | - | | 17.2 | | 15.4 | | 18.3 | |
| Iron, Total | | | 16000 | | - | | 16400 | | 17200 | | - | | 16100 | | - | | 16600 | | 17900 | | 15800 | |
| Lead, Total | 1000 | 450 | 9.21 | | - | | 8.54 | | 9.21 | | - | | 18.8 | | - | | 9.42 | | 29.5 | | 93.9 | |
| Magnesium, Total | | | 20900 | | - | | 27600 | | 23200 | | - | | 14900 | | - | | 16600 | | 15500 | | 12900 | |
| Manganese, Total | 10000 | 2000 | 552 | | - | | 530 | | 617 | | - | | 448 | | - | | 504 | | 578 | | 541 | |
| Mercury, Total | 2.8 | 0.73 | <0.049 | U | - | | <0.046 | U | <0.046 | U | - | | <0.046 | U | - | | <0.072 | U | 0.778 | | 2.45 | |
| Nickel, Total | 310 | 130 | 13.9 | | - | | 14.3 | | 16.8 | | - | | 16.7 | | - | | 15.5 | | 13.5 | | 16.1 | |
| Potassium, Total | | | 1230 | | - | | 1110 | | 1160 | | - | | 1110 | | - | | 1030 | | 832 | | 1040 | |
| Selenium, Total | 1500 | 4 | <0.231 | U | - | | <0.224 | U | <0.224 | U | - | | <0.221 | U | - | | <1.79 | U | <1.79 | U | <1.87 | U |
| Silver, Total | 1500 | 8.3 | <0.253 | U | - | | <0.246 | U | <0.246 | U | - | | <0.242 | U | - | | <0.448 | U | <0.448 | U | <0.468 | U |
| Sodium, Total | | | 190 | | - | | 198 | | 182 | | - | | 154 | J | - | | 171 | J | 140 | J | 166 | J |
| Thallium, Total | | | 0.827 | J | - | | 0.445 | J | 0.563 | J | - | | 0.505 | J | - | | <1.79 | U | <1.79 | U | <1.87 | U |
| Vanadium, Total | | | 17.3 | | - | | 17 | | 18.7 | | - | | 16.2 | | - | | 19 | | 15.3 | | 18.3 | |
| Zinc, Total | 10000 | 2480 | 63.7 | | - | | 58.3 | | 53.4 | | - | | 60.9 | | - | | 59 | | 66.3 | | 190 | |
| **GENERAL CHEMISTRY** | | | | | | | | | | | | | | | | | | | | | | |
| Cyanide, Total | 27 | 40 | <0.23 | U | - | | <0.22 | U | <0.23 | U | | | <0.23 | U | | | <1.1 | U | 0.42 | J | 0.32 | J |
| Solids, Total | | | 84.1 | | 89.3 | | 89.1 | | 88.9 | | 87.1 | | 89.1 | | 86 | | 87.7 | | 87.1 | | 83.8 | |

Yellow shading - value exceeds Protection of Groundwater SCO (PSGW SCO)
**BOLD** value - reported value exceeds Commercial Soil Cleanup Objective (CSCO)

[1] indicates a PSGW SCO (toluene, ethylbenzene, total xylenes, total PCBs, & mercury)
E - Indicates concentration of analyte exceeded the range of the calibration curve and/or linear range of the instrument.
J - The reported value is estimated; analyte detected above the MDL but below the RL
U - the reported value was not detected at or above the laboratory's MDL
* Indicates SCO for Total (mixed) xylene; no SCOs exist for individual isomers
** A GWSCO for Total Cr does not exist; value represents SCO for hexavalent Cr
*** A CSCO for Cr does not exist; value represents SCO for trivalent Cr

# Appendix I-2
## Confirmation Sample Results - All Analytes

| SAMPLE ID: | Part 375 Commercial Use SCOs (mg/Kg) | Part 375 Groundwater SCOs (mg/Kg) | LAGOON-SW-S2-6.5 | | BASE-04-09 | | LAGOON-SW-N3-8.5 | | LAGOON-SW-N4-8.5 | | LAGOON-SW-S3-08 | | LAGOON-SW-S4-08 | | LAGOON-SW-S5-06 | | TRENCH BASE @ 6' | | TRENCH BASE DUP @ 6' | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LAB ID: | | | L2448023-03 | | L2451069-05 | | L2451069-01 | | L2451069-02 | | L2451069-03 | | L2451069-04 | | L2451670-01 | | L2459257-01 | | L2459257-02 | |
| COLLECTION DATE: | | | 8/22/2024 | | 9/5/2024 | | 9/5/2024 | | 9/5/2024 | | 9/5/2024 | | 9/5/2024 | | 9/9/2024 | | 10/9/2024 | | 10/9/2024 | |
| SAMPLE DEPTH (bgs): | | | 6.5 | | 9 | | 8.5 | | 8.5 | | 8 | | 8 | | 6 | | 6 | | 6 | |
| SAMPLE MATRIX: | | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | |
| ANALYTE | | | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q |
| **VOLATILE ORGANICS BY GC/MS** | | | | | | | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane | 500 | 0.68 | <0.03 | U | <0.00047 | U | <0.00055 | U | <0.04 | U | <0.00052 | U | <0.00059 | U | <0.00068 | U | <0.00027 | U | <0.00036 | U |
| 1,1,2,2-Tetrachloroethane | | | <0.03 | U | <0.00047 | U | <0.00055 | U | <0.04 | U | <0.00052 | U | <0.00059 | U | <0.00068 | U | <0.00027 | U | <0.00036 | U |
| 1,1,2-Trichloroethane | | | <0.059 | U | <0.00094 | U | <0.0011 | U | <0.079 | U | <0.001 | U | <0.0012 | U | <0.0014 | U | <0.00054 | U | <0.00072 | U |
| 1,1-Dichloroethane | 240 | 0.27 | <0.059 | U | <0.00094 | U | <0.0011 | U | <0.079 | U | <0.001 | U | <0.0012 | U | <0.0014 | U | <0.00054 | U | <0.00072 | U |
| 1,1-Dichloroethene | 500 | 0.33 | <0.059 | U | <0.00094 | U | <0.0011 | U | <0.079 | U | <0.001 | U | <0.0012 | U | <0.0014 | U | <0.00054 | U | <0.00072 | U |
| 1,2,3-Trichlorobenzene | | | <0.12 | U | <0.0019 | U | <0.0022 | U | <0.16 | U | <0.0021 | U | <0.0024 | U | <0.0027 | U | <0.0011 | U | <0.0014 | U |
| 1,2,4-Trichlorobenzene | | | 0.056 | J | <0.0019 | U | <0.0022 | U | <0.16 | U | <0.0021 | U | <0.0024 | U | <0.0027 | U | <0.0011 | U | <0.0014 | U |
| 1,2-Dibromo-3-chloropropane | | | <0.18 | U | <0.0028 | U | <0.0033 | U | <0.24 | U | <0.0031 | U | <0.0035 | U | <0.0041 | U | <0.0016 | U | <0.0022 | U |
| 1,2-Dibromoethane | | | <0.059 | U | <0.00094 | U | <0.0011 | U | <0.079 | U | <0.001 | U | <0.0012 | U | <0.0014 | U | <0.00054 | U | <0.00072 | U |
| 1,2-Dichlorobenzene | 500 | 1.1 | 0.024 | J | 0.00034 | J | <0.0022 | U | <0.16 | U | <0.0021 | U | 0.00043 | J | <0.0027 | U | 0.0028 | | 0.0025 | |
| 1,2-Dichloroethane | 30 | 0.02 | <0.059 | U | <0.00094 | U | <0.0011 | U | <0.079 | U | <0.001 | U | <0.0012 | U | <0.0014 | U | <0.00054 | U | <0.00072 | U |
| 1,2-Dichloropropane | | | <0.059 | U | <0.00094 | U | <0.0011 | U | <0.079 | U | <0.001 | U | <0.0012 | U | <0.0014 | U | <0.00054 | U | <0.00072 | U |
| 1,3-Dichlorobenzene | 280 | 2.4 | 0.01 | J | <0.0019 | U | <0.0022 | U | <0.16 | U | <0.0021 | U | <0.0024 | U | <0.0027 | U | <0.0011 | U | 0.00029 | J |
| 1,4-Dichlorobenzene | 130 | 1.8 | <0.12 | U | <0.0019 | U | <0.0022 | U | <0.16 | U | <0.0021 | U | <0.0024 | U | <0.0027 | U | 0.0005 | J | 0.0032 | |
| 1,4-Dioxane | 130 | 0.1 | <4.7 | U | <0.075 | U | <0.088 | U | <6.3 | U | <0.084 | U | <0.094 | U | <0.11 | U | <0.043 | U | <0.058 | U |
| 2-Butanone | 500 | 0.12 | <0.59 | U | 0.0052 | J | 0.0048 | J | <0.79 | U | 0.014 | | 0.0049 | J | <0.014 | U | 0.0041 | J | 0.0017 | J |
| 2-Hexanone | | | <0.59 | U | <0.0094 | U | <0.011 | U | <0.79 | U | <0.01 | U | <0.012 | U | <0.014 | U | <0.0054 | U | <0.0072 | U |
| 4-Methyl-2-pentanone | | | <0.59 | U | <0.0094 | U | <0.011 | U | <0.79 | U | <0.01 | U | <0.012 | U | <0.014 | U | 0.0076 | | <0.0072 | U |
| Acetone | 500 | 0.05 | <0.59 | U | 0.066 | | 0.081 | | 0.57 | J | 0.072 | | 0.089 | | 0.009 | J | 0.014 | | 0.02 | |
| Benzene | 44 | 0.06 | 0.025 | J | <0.00047 | U | <0.00055 | U | 0.017 | J | <0.00052 | U | <0.00059 | U | <0.00068 | U | 0.0095 | | 0.017 | |
| Bromochloromethane | | | <0.12 | U | <0.0019 | U | <0.0022 | U | <0.16 | U | <0.0021 | U | <0.0024 | U | <0.0027 | U | <0.0011 | U | <0.0014 | U |
| Bromodichloromethane | | | <0.03 | U | <0.00047 | U | <0.00055 | U | <0.04 | U | <0.00052 | U | <0.00059 | U | <0.00068 | U | <0.00027 | U | <0.00036 | U |
| Bromoform | | | <0.24 | U | <0.0038 | U | <0.0044 | U | <0.32 | U | <0.0042 | U | <0.0047 | U | <0.0054 | U | <0.0022 | U | <0.0029 | U |
| Bromomethane | | | <0.12 | U | <0.0019 | U | <0.0022 | U | <0.16 | U | <0.0021 | U | <0.0024 | U | <0.0027 | U | <0.0011 | U | <0.0014 | U |
| Carbon disulfide | | | <0.59 | U | <0.0094 | U | <0.011 | U | <0.79 | U | <0.01 | U | <0.012 | U | <0.014 | U | <0.0054 | U | <0.0072 | U |
| Carbon tetrachloride | 22 | 0.76 | <0.059 | U | <0.00094 | U | <0.0011 | U | <0.079 | U | <0.001 | U | <0.0012 | U | <0.0014 | U | <0.00054 | U | <0.00072 | U |
| Chlorobenzene | 500 | 1.1 | <0.03 | U | <0.00047 | U | <0.00055 | U | <0.04 | U | <0.00052 | U | 0.0018 | | <0.00068 | U | 0.0066 | | 0.024 | |
| Chloroethane | | | <0.12 | U | <0.0019 | U | <0.0022 | U | <0.16 | U | <0.0021 | U | <0.0024 | U | <0.0027 | U | <0.0011 | U | <0.0014 | U |
| Chloroform | 350 | 0.37 | <0.089 | U | <0.0014 | U | <0.0016 | U | <0.12 | U | <0.0016 | U | <0.0018 | U | <0.002 | U | <0.00081 | U | <0.0011 | U |
| Chloromethane | | | <0.24 | U | <0.0038 | U | <0.0044 | U | <0.32 | U | <0.0042 | U | <0.0047 | U | <0.0054 | U | <0.0022 | U | <0.0029 | U |
| cis-1,2-Dichloroethene | 500 | 0.25 | <0.059 | U | <0.00094 | U | <0.0011 | U | <0.079 | U | <0.001 | U | <0.0012 | U | <0.0014 | U | <0.00054 | U | <0.00072 | U |
| cis-1,3-Dichloropropene | | | <0.03 | U | <0.00047 | U | <0.00055 | U | <0.04 | U | <0.00052 | U | <0.00059 | U | <0.00068 | U | <0.00027 | U | <0.00036 | U |
| Cyclohexane | | | 0.044 | J | <0.0094 | U | <0.011 | U | <0.79 | U | <0.01 | U | <0.012 | U | <0.014 | U | <0.0054 | U | <0.0072 | U |
| Dibromochloromethane | | | <0.059 | U | <0.00094 | U | <0.0011 | U | <0.079 | U | <0.001 | U | <0.0012 | U | <0.0014 | U | <0.00054 | U | <0.00072 | U |
| Dichlorodifluoromethane | | | <0.59 | U | <0.0094 | U | <0.011 | U | <0.79 | U | <0.01 | U | <0.012 | U | <0.014 | U | <0.0054 | U | <0.0072 | U |
| Ethylbenzene | 390 | 1 | 0.93 | | 0.00034 | J | 0.00016 | J | 11 | | <0.001 | U | 0.00018 | J | <0.0014 | U | 0.034 | | 0.019 | |
| Freon-113 | | | <0.24 | U | <0.0038 | U | <0.0044 | U | <0.32 | U | <0.0042 | U | <0.0047 | U | <0.0054 | U | <0.0022 | U | <0.0029 | U |
| Isopropylbenzene | | | 1.9 | | 0.00025 | J | 0.00026 | J | 0.95 | | 0.00051 | J | <0.0012 | U | <0.0014 | U | 0.0067 | | 0.012 | |
| Methyl Acetate | | | <0.24 | U | <0.0038 | U | <0.0044 | U | 0.095 | J | <0.0042 | U | <0.0047 | U | <0.0054 | U | <0.0022 | U | <0.0029 | U |
| Methyl cyclohexane | | | 0.13 | J | <0.0038 | U | <0.0044 | U | <0.32 | U | <0.0042 | U | <0.0047 | U | <0.0054 | U | 0.00042 | J | 0.0007 | J |
| Methyl tert butyl ether | 500 | 0.93 | <0.12 | U | <0.0019 | U | <0.0022 | U | <0.16 | U | <0.0021 | U | <0.0024 | U | <0.0027 | U | <0.0011 | U | <0.0014 | U |
| Methylene chloride | 500 | 0.05 | <0.3 | U | <0.0047 | U | <0.0055 | U | <0.4 | U | <0.0052 | U | <0.0059 | U | <0.0068 | U | <0.0027 | U | <0.0036 | U |
| o-Xylene | | | 0.059 | | <0.00094 | U | <0.0011 | U | 13 | | <0.001 | U | <0.0012 | U | <0.0014 | U | 0.031 | | 0.0068 | |
| p/m-Xylene | | | 29 | | 0.0023 | | <0.0022 | U | 43 | | <0.0021 | U | <0.0024 | U | <0.0027 | U | 0.22 | | 0.025 | |
| Styrene | | | <0.059 | U | <0.00094 | U | <0.0011 | U | <0.079 | U | <0.001 | U | <0.0012 | U | <0.0014 | U | <0.00054 | U | <0.00072 | U |
| Tetrachloroethene | 150 | 1.3 | <0.03 | U | <0.00047 | U | <0.00055 | U | <0.04 | U | <0.00052 | U | <0.00059 | U | <0.00068 | U | <0.00027 | U | <0.00036 | U |
| Toluene | 500 | 0.7 | <0.059 | U | <0.00094 | U | <0.0011 | U | 16 | | <0.001 | U | 0.00078 | J | <0.0014 | U | 0.72 | | 0.055 | |
| trans-1,2-Dichloroethene | 500 | 0.19 | <0.089 | U | <0.0014 | U | <0.0016 | U | <0.12 | U | <0.0016 | U | <0.0018 | U | <0.002 | U | <0.00081 | U | <0.0011 | U |
| trans-1,3-Dichloropropene | | | <0.059 | U | <0.00094 | U | <0.0011 | U | <0.079 | U | <0.001 | U | <0.0012 | U | <0.0014 | U | <0.00054 | U | <0.00072 | U |
| Trichloroethene | 200 | 0.47 | <0.03 | U | <0.00047 | U | <0.00055 | U | <0.04 | U | <0.00052 | U | <0.00059 | U | <0.00068 | U | <0.00027 | U | <0.00036 | U |
| Trichlorofluoromethane | | | <0.24 | U | <0.0038 | U | <0.0044 | U | <0.32 | U | <0.0042 | U | <0.0047 | U | <0.0054 | U | <0.0022 | U | <0.0029 | U |
| Vinyl chloride | 13 | 0.02 | <0.059 | U | <0.00094 | U | <0.0011 | U | <0.079 | U | <0.001 | U | <0.0012 | U | <0.0014 | U | <0.00054 | U | <0.00072 | U |
| Total VOCs | | | 32.178 | - | 0.07443 | - | 0.08622 | - | 84.632 | - | 0.08651 | - | 0.09709 | - | 0.009 | - | 0.67722 | - | 0.18719 | - |

# Appendix I-2
## Confirmation Sample Results - All Analytes

| SAMPLE ID: | Part 375 Commercial Use SCOs (mg/Kg) | Part 375 Groundwater SCOs (mg/Kg) | LAGOON-SW-S2-6.5 | | BASE-04-09 | | LAGOON-SW-N3-8.5 | | LAGOON-SW-N4-8.5 | | LAGOON-SW-S3-08 | | LAGOON-SW-S4-08 | | LAGOON-SW-S5-06 | | TRENCH BASE @ 6' | | TRENCH BASE DUP @ 6' | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LAB ID: | | | L2448023-03 | | L2451069-05 | | L2451069-01 | | L2451069-02 | | L2451069-03 | | L2451069-04 | | L2451670-01 | | L2459257-01 | | L2459257-02 | |
| COLLECTION DATE: | | | 8/22/2024 | | 9/5/2024 | | 9/5/2024 | | 9/5/2024 | | 9/5/2024 | | 9/5/2024 | | 9/9/2024 | | 10/9/2024 | | 10/9/2024 | |
| SAMPLE DEPTH (bgs): | | | 6.5 | | 9 | | 8.5 | | 8.5 | | 8 | | 8 | | 6 | | 6 | | 6 | |
| SAMPLE MATRIX: | | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | |
| ANALYTE | | | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q |
| **SEMIVOLATILE ORGANICS BY GC/MS** | | | | | | | | | | | | | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | | | <2 | U | <0.18 | U | <0.18 | U | <0.22 | U | <0.18 | U | <0.2 | U | <0.19 | U | <0.18 | U | <0.19 | U |
| 2,3,4,6-Tetrachlorophenol | | | <2 | U | <0.18 | U | <0.18 | U | <0.22 | U | <0.18 | U | <0.2 | U | <0.19 | U | <0.18 | U | <0.19 | U |
| 2,4,5-Trichlorophenol | | | <2 | U | <0.18 | U | <0.18 | U | <0.22 | U | <0.18 | U | <0.2 | U | <0.19 | U | <0.18 | U | <0.19 | U |
| 2,4,6-Trichlorophenol | | | <1.2 | U | <0.11 | U | <0.11 | U | <0.13 | U | <0.11 | U | <0.12 | U | <0.11 | U | <0.11 | U | <0.11 | U |
| 2,4-Dichlorophenol | | | <1.8 | U | <0.16 | U | <0.16 | U | <0.2 | U | <0.17 | U | <0.18 | U | <0.17 | U | <0.17 | U | <0.17 | U |
| 2,4-Dimethylphenol | | | <2 | U | <0.18 | U | <0.18 | U | <0.22 | U | <0.18 | U | <0.2 | U | <0.19 | U | <0.18 | U | 0.075 | J |
| 2,4-Dinitrophenol | | | <9.6 | U | <0.87 | U | <0.88 | U | <1 | U | <0.89 | U | <0.94 | U | <0.91 | U | <0.89 | U | <0.9 | U |
| 2,4-Dinitrotoluene | | | <2 | U | <0.18 | U | <0.18 | U | <0.22 | U | <0.18 | U | <0.2 | U | <0.19 | U | <0.18 | U | <0.19 | U |
| 2,6-Dinitrotoluene | | | <2 | U | <0.18 | U | <0.18 | U | <0.22 | U | <0.18 | U | <0.2 | U | <0.19 | U | <0.18 | U | <0.19 | U |
| 2-Chloronaphthalene | | | <2 | U | <0.18 | U | <0.18 | U | <0.22 | U | <0.18 | U | <0.2 | U | <0.19 | U | <0.18 | U | <0.19 | U |
| 2-Chlorophenol | | | <2 | U | <0.18 | U | <0.18 | U | <0.22 | U | <0.18 | U | <0.2 | U | <0.19 | U | <0.18 | U | <0.19 | U |
| 2-Methylnaphthalene | | | <2.4 | U | <0.22 | U | <0.22 | U | <0.26 | U | <0.22 | U | <0.24 | U | <0.23 | U | 0.022 | J | 0.036 | J |
| 2-Methylphenol | 500 | 0.33 | <2 | U | <0.18 | U | <0.18 | U | <0.22 | U | <0.18 | U | <0.2 | U | <0.19 | U | <0.18 | U | 0.036 | J |
| 2-Nitroaniline | | | <2 | U | <0.18 | U | <0.18 | U | <0.22 | U | <0.18 | U | <0.2 | U | <0.19 | U | <0.18 | U | <0.19 | U |
| 2-Nitrophenol | | | <4.3 | U | <0.39 | U | <0.4 | U | <0.47 | U | <0.4 | U | <0.42 | U | <0.41 | U | <0.4 | U | <0.41 | U |
| 3,3'-Dichlorobenzidine | | | <2 | U | <0.18 | U | <0.18 | U | <0.22 | U | <0.18 | U | <0.2 | U | <0.19 | U | <0.18 | U | <0.19 | U |
| 3-Methylphenol/4-Methylphenol | 500 | 0.33 | <2.9 | U | <0.26 | U | <0.26 | U | <0.31 | U | <0.27 | U | <0.28 | U | <0.27 | U | <0.26 | U | 0.07 | J |
| 3-Nitroaniline | | | <2 | U | <0.18 | U | <0.18 | U | <0.22 | U | <0.18 | U | <0.2 | U | <0.19 | U | <0.18 | U | <0.19 | U |
| 4,6-Dinitro-o-cresol | | | <5.2 | U | <0.47 | U | <0.48 | U | <0.56 | U | <0.48 | U | <0.51 | U | <0.49 | U | <0.48 | U | <0.49 | U |
| 4-Bromophenyl phenyl ether | | | <2 | U | <0.18 | U | <0.18 | U | <0.22 | U | <0.18 | U | <0.2 | U | <0.19 | U | <0.18 | U | <0.19 | U |
| 4-Chloroaniline | | | <2 | U | <0.18 | U | <0.18 | U | <0.22 | U | <0.18 | U | <0.2 | U | <0.19 | U | <0.18 | U | <0.19 | U |
| 4-Chlorophenyl phenyl ether | | | <2 | U | <0.18 | U | <0.18 | U | <0.22 | U | <0.18 | U | <0.2 | U | <0.19 | U | <0.18 | U | <0.19 | U |
| 4-Nitroaniline | | | <2 | U | <0.18 | U | <0.18 | U | <0.22 | U | <0.18 | U | <0.2 | U | <0.19 | U | <0.18 | U | <0.19 | U |
| 4-Nitrophenol | | | <2.8 | U | <0.25 | U | <0.26 | U | <0.3 | U | <0.26 | U | <0.27 | U | <0.26 | U | <0.26 | U | <0.26 | U |
| Acenaphthene | 500 | 98 | <1.6 | U | <0.14 | U | <0.15 | U | <0.17 | U | <0.15 | U | <0.16 | U | <0.15 | U | <0.15 | U | <0.15 | U |
| Acenaphthylene | 500 | 107 | <1.6 | U | <0.14 | U | <0.15 | U | <0.17 | U | <0.15 | U | <0.16 | U | <0.15 | U | <0.15 | U | <0.15 | U |
| Acetophenone | | | <2 | U | <0.18 | U | <0.18 | U | <0.22 | U | <0.18 | U | <0.2 | U | <0.19 | U | <0.18 | U | <0.19 | U |
| Anthracene | 500 | 1000 | <1.2 | U | <0.11 | U | <0.11 | U | <0.13 | U | <0.11 | U | <0.12 | U | <0.11 | U | <0.11 | U | <0.11 | U |
| Atrazine | | | <1.6 | U | <0.14 | U | <0.15 | U | <0.17 | U | <0.15 | U | <0.16 | U | <0.15 | U | <0.15 | U | <0.15 | U |
| Benzaldehyde | | | <2.6 | U | <0.24 | U | <0.24 | U | <0.29 | U | <0.24 | U | <0.26 | U | <0.25 | U | <0.24 | U | <0.25 | U |
| Benzo(a)anthracene | 5.6 | 1 | <1.2 | U | <0.11 | U | <0.11 | U | <0.13 | U | <0.11 | U | 0.023 | J | 0.027 | J | <0.11 | U | <0.11 | U |
| Benzo(a)pyrene | 1 | 22 | <1.6 | U | <0.14 | U | <0.15 | U | <0.17 | U | <0.15 | U | <0.16 | U | <0.15 | U | <0.15 | U | <0.15 | U |
| Benzo(b)fluoranthene | 5.6 | 1.7 | <1.2 | U | <0.11 | U | <0.11 | U | <0.13 | U | <0.11 | U | 0.043 | J | 0.05 | J | <0.11 | U | <0.11 | U |
| Benzo(ghi)perylene | 500 | 1000 | <1.6 | U | <0.14 | U | <0.15 | U | <0.17 | U | <0.15 | U | 0.023 | J | 0.024 | J | <0.15 | U | <0.15 | U |
| Benzo(k)fluoranthene | 56 | 1.7 | <1.2 | U | <0.11 | U | <0.11 | U | <0.13 | U | <0.11 | U | <0.12 | U | <0.11 | U | <0.11 | U | <0.11 | U |
| Biphenyl | | | <4.6 | U | <0.41 | U | <0.42 | U | <0.49 | U | <0.42 | U | <0.45 | U | <0.43 | U | <0.42 | U | <0.43 | U |
| Bis(2-chloroethoxy)methane | | | <2.2 | U | <0.2 | U | <0.2 | U | <0.23 | U | <0.2 | U | <0.21 | U | <0.2 | U | <0.2 | U | <0.2 | U |
| Bis(2-chloroethyl)ether | | | <1.8 | U | <0.16 | U | <0.16 | U | <0.2 | U | <0.17 | U | <0.18 | U | <0.17 | U | <0.17 | U | <0.17 | U |
| Bis(2-chloroisopropyl)ether | | | <2.4 | U | <0.22 | U | <0.22 | U | <0.26 | U | <0.22 | U | <0.24 | U | <0.23 | U | <0.22 | U | <0.23 | U |
| Bis(2-ethylhexyl)phthalate | | | 0.77 | J | <0.18 | U | <0.18 | U | 0.4 | | <0.18 | U | <0.2 | U | 0.097 | J | <0.18 | U | 0.72 | |
| Butyl benzyl phthalate | | | <2 | U | <0.18 | U | <0.18 | U | <0.22 | U | <0.18 | U | <0.2 | U | <0.19 | U | <0.18 | U | <0.19 | U |
| Caprolactam | | | <2 | U | <0.18 | U | <0.18 | U | <0.22 | U | <0.18 | U | <0.2 | U | <0.19 | U | <0.18 | U | <0.19 | U |
| Carbazole | | | <2 | U | <0.18 | U | <0.18 | U | <0.22 | U | <0.18 | U | <0.2 | U | <0.19 | U | <0.18 | U | <0.19 | U |
| Chrysene | 56 | 1 | <1.2 | U | <0.11 | U | <0.11 | U | <0.13 | U | <0.11 | U | 0.036 | J | 0.04 | J | <0.11 | U | <0.11 | U |
| Di-n-butylphthalate | | | <2 | U | <0.18 | U | <0.18 | U | <0.22 | U | <0.18 | U | <0.2 | U | <0.19 | U | <0.18 | U | <0.19 | U |
| Di-n-octylphthalate | | | <2 | U | <0.18 | U | <0.18 | U | <0.22 | U | <0.18 | U | <0.2 | U | <0.19 | U | <0.18 | U | <0.19 | U |
| Dibenzo(a,h)anthracene | 0.56 | 1000 | <1.2 | U | <0.11 | U | <0.11 | U | <0.13 | U | <0.11 | U | <0.12 | U | <0.11 | U | <0.11 | U | <0.11 | U |
| Dibenzofuran | 350 | 210 | <2 | U | <0.18 | U | <0.18 | U | <0.22 | U | <0.18 | U | <0.2 | U | <0.19 | U | <0.18 | U | <0.19 | U |
| Diethyl phthalate | | | <2 | U | <0.18 | U | <0.18 | U | <0.22 | U | <0.18 | U | <0.2 | U | <0.19 | U | <0.18 | U | <0.19 | U |
| Dimethyl phthalate | | | <2 | U | <0.18 | U | <0.18 | U | <0.22 | U | <0.18 | U | <0.2 | U | <0.19 | U | <0.18 | U | <0.19 | U |
| Fluoranthene | 500 | 1000 | <1.2 | U | <0.11 | U | 0.035 | J | <0.13 | U | <0.11 | U | 0.058 | J | 0.088 | J | <0.11 | U | <0.11 | U |
| Fluorene | 500 | 386 | <2 | U | <0.18 | U | <0.18 | U | <0.22 | U | <0.18 | U | <0.2 | U | <0.19 | U | <0.18 | U | <0.19 | U |
| Hexachlorobenzene | 6 | 3.2 | <1.2 | U | <0.11 | U | <0.11 | U | <0.13 | U | <0.11 | U | <0.12 | U | <0.11 | U | <0.11 | U | <0.11 | U |
| Hexachlorobutadiene | | | <2 | U | <0.18 | U | <0.18 | U | <0.22 | U | <0.18 | U | <0.2 | U | <0.19 | U | <0.18 | U | <0.19 | U |
| Hexachlorocyclopentadiene | | | <5.7 | U | <0.52 | U | <0.53 | U | <0.62 | U | <0.53 | U | <0.56 | U | <0.54 | U | <0.53 | U | <0.54 | U |
| Hexachloroethane | | | <1.6 | U | <0.14 | U | <0.15 | U | <0.17 | U | <0.15 | U | <0.16 | U | <0.15 | U | <0.15 | U | <0.15 | U |
| Indeno(1,2,3-cd)pyrene | 5.6 | 8.2 | <1.6 | U | <0.14 | U | <0.15 | U | <0.17 | U | <0.15 | U | <0.16 | U | <0.15 | U | <0.15 | U | <0.15 | U |
| Isophorone | | | <1.8 | U | <0.16 | U | <0.16 | U | <0.2 | U | <0.17 | U | <0.18 | U | <0.17 | U | <0.17 | U | <0.17 | U |

# Appendix I-2
## Confirmation Sample Results - All Analytes

| SAMPLE ID: | Part 375 Commercial Use SCOs (mg/Kg) | Part 375 Groundwater SCOs (mg/Kg) | LAGOON-SW-S2-6.5 | | BASE-04-09 | | LAGOON-SW-N3-8.5 | | LAGOON-SW-N4-8.5 | | LAGOON-SW-S3-08 | | LAGOON-SW-S4-08 | | LAGOON-SW-S5-06 | | TRENCH BASE @ 6' | | TRENCH BASE DUP @ 6' | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LAB ID: | | | L2448023-03 | | L2451069-05 | | L2451069-01 | | L2451069-02 | | L2451069-03 | | L2451069-04 | | L2451670-01 | | L2459257-01 | | L2459257-02 | |
| COLLECTION DATE: | | | 8/22/2024 | | 9/5/2024 | | 9/5/2024 | | 9/5/2024 | | 9/5/2024 | | 9/5/2024 | | 9/9/2024 | | 10/9/2024 | | 10/9/2024 | |
| SAMPLE DEPTH (bgs): | | | 6.5 | | 9 | | 8.5 | | 8.5 | | 8 | | 8 | | 6 | | 6 | | 6 | |
| SAMPLE MATRIX: | | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | |
| **ANALYTE** | | | **Conc** | **Q** | **Conc** | **Q** | **Conc** | **Q** | **Conc** | **Q** | **Conc** | **Q** | **Conc** | **Q** | **Conc** | **Q** | **Conc** | **Q** | **Conc** | **Q** |
| n-Nitrosodi-n-propylamine | | | <2 | U | <0.18 | U | <0.18 | U | <0.22 | U | <0.18 | U | <0.2 | U | <0.19 | U | <0.18 | U | <0.19 | U |
| Naphthalene | 500 | 12 | 0.3 | J | <0.18 | U | <0.18 | U | <0.22 | U | <0.18 | U | <0.2 | U | <0.19 | U | 0.16 | J | 0.11 | J |
| NDPA/DPA | | | <1.6 | U | <0.14 | U | <0.15 | U | <0.17 | U | <0.15 | U | <0.16 | U | <0.15 | U | <0.15 | U | <0.15 | U |
| Nitrobenzene | | | <1.8 | U | <0.16 | U | <0.16 | U | <0.2 | U | <0.17 | U | <0.18 | U | <0.17 | U | <0.17 | U | <0.17 | U |
| p-Chloro-m-cresol | | | <2 | U | <0.18 | U | <0.18 | U | <0.22 | U | <0.18 | U | <0.2 | U | <0.19 | U | <0.18 | U | <0.19 | U |
| Pentachlorophenol | 6.7 | 0.8 | <1.6 | U | <0.14 | U | <0.15 | U | <0.17 | U | <0.15 | U | <0.16 | U | <0.15 | U | <0.15 | U | <0.15 | U |
| Phenanthrene | 500 | 1000 | <1.2 | U | <0.11 | U | 0.024 | J | <0.13 | U | <0.11 | U | <0.12 | U | <0.11 | U | <0.11 | U | <0.11 | U |
| Phenol | 500 | 0.33 | <2 | U | <0.18 | U | <0.18 | U | <0.22 | U | <0.18 | U | <0.2 | U | <0.19 | U | <0.18 | U | <0.19 | U |
| Pyrene | 500 | 1000 | <1.2 | U | <0.11 | U | 0.026 | J | <0.13 | U | <0.11 | U | 0.049 | J | 0.067 | J | <0.11 | U | <0.11 | U |
| Total SVOCs | | | 1.07 | - | - | - | 0.085 | - | 0.4 | - | - | - | 0.232 | - | 0.393 | - | 0.182 | - | 1.047 | - |
| **CHLORINATED HERBICIDES BY GC** | | | | | | | | | | | | | | | | | | | | |
| 2,4,5-T | | | <0.2 | U | <0.183 | U | <0.18 | U | <0.212 | U | <0.187 | U | <0.196 | U | <0.193 | U | <0.184 | U | <0.192 | U |
| 2,4,5-TP (Silvex) | 500 | 3.8 | <0.2 | U | <0.183 | U | <0.18 | U | <0.212 | U | <0.187 | U | <0.196 | U | <0.193 | U | <0.184 | U | <0.192 | U |
| 2,4-D | | | <0.2 | U | <0.183 | U | <0.18 | U | <0.212 | U | <0.187 | U | <0.196 | U | <0.193 | U | <0.184 | U | <0.192 | U |
| **ORGANOCHLORINE PESTICIDES BY GC** | | | | | | | | | | | | | | | | | | | | |
| 4,4'-DDD | 92 | 14 | <0.0019 | U | <0.00174 | U | <0.00171 | U | <0.00202 | U | <0.00181 | U | <0.00189 | U | <0.00181 | U | <0.00175 | U | <0.0018 | U |
| 4,4'-DDE | 62 | 17 | <0.0019 | U | <0.00174 | U | <0.00171 | U | <0.00202 | U | <0.00181 | U | <0.00189 | U | <0.00181 | U | <0.00175 | U | <0.0018 | U |
| 4,4'-DDT | 47 | 136 | <0.0019 | U | <0.00174 | U | <0.00171 | U | <0.00202 | U | <0.00181 | U | <0.00189 | U | <0.00181 | U | <0.00175 | U | <0.0018 | U |
| Aldrin | 0.68 | 0.19 | <0.0019 | U | <0.00174 | U | <0.00171 | U | <0.00202 | U | <0.00181 | U | <0.00189 | U | <0.00181 | U | <0.00175 | U | <0.0018 | U |
| Alpha-BHC | 3.4 | 0.02 | <0.000792 | U | <0.000723 | U | <0.000713 | U | <0.000844 | U | <0.000755 | U | <0.000786 | U | <0.000753 | U | <0.000729 | U | <0.00075 | U |
| Beta-BHC | 3 | 0.09 | <0.0019 | U | <0.00174 | U | <0.00171 | U | <0.00202 | U | <0.00181 | U | <0.00189 | U | <0.00181 | U | <0.00175 | U | <0.0018 | U |
| Chlordane | | | <0.0158 | U | <0.0144 | U | <0.0143 | U | <0.0169 | U | <0.0151 | U | <0.0157 | U | <0.0151 | U | <0.0146 | U | <0.015 | U |
| cis-Chlordane | 24 | 2.9 | <0.00238 | U | <0.00217 | U | <0.00214 | U | <0.00253 | U | <0.00226 | U | <0.00236 | U | <0.00226 | U | <0.00219 | U | <0.00225 | U |
| Delta-BHC | 500 | 0.25 | <0.0019 | U | <0.00174 | U | <0.00171 | U | <0.00202 | U | <0.00181 | U | <0.00189 | U | <0.00181 | U | <0.00175 | U | <0.0018 | U |
| Dieldrin | 1.4 | 0.1 | <0.00119 | U | <0.00108 | U | <0.00107 | U | <0.00126 | U | <0.00113 | U | <0.00118 | U | <0.00113 | U | <0.00109 | U | <0.00112 | U |
| Endosulfan I | 200 | 102 | <0.0019 | U | <0.00174 | U | <0.00171 | U | <0.00202 | U | <0.00181 | U | <0.00189 | U | <0.00181 | U | <0.00175 | U | <0.0018 | U |
| Endosulfan II | 200 | 102 | <0.0019 | U | <0.00174 | U | <0.00171 | U | <0.00202 | U | <0.00181 | U | <0.00189 | U | <0.00181 | U | <0.00175 | U | <0.0018 | U |
| Endosulfan sulfate | 200 | 1000 | <0.000792 | U | <0.000723 | U | <0.000713 | U | <0.000844 | U | <0.000755 | U | <0.000786 | U | <0.000753 | U | <0.000729 | U | <0.00075 | U |
| Endrin | 89 | 0.06 | <0.000792 | U | <0.000723 | U | <0.000713 | U | <0.000844 | U | <0.000755 | U | <0.000786 | U | <0.000753 | U | <0.000729 | U | <0.00075 | U |
| Endrin aldehyde | | | <0.00238 | U | <0.00217 | U | <0.00214 | U | <0.00253 | U | <0.00226 | U | <0.00236 | U | <0.00226 | U | <0.00219 | U | <0.00225 | U |
| Endrin ketone | | | <0.0019 | U | <0.00174 | U | <0.00171 | U | <0.00202 | U | <0.00181 | U | <0.00189 | U | <0.00181 | U | <0.00175 | U | <0.0018 | U |
| Heptachlor | 15 | 0.38 | <0.000951 | U | <0.000868 | U | <0.000856 | U | <0.00101 | U | <0.000906 | U | <0.000944 | U | <0.000904 | U | <0.000875 | U | <0.0009 | U |
| Heptachlor epoxide | | | <0.00356 | U | <0.00325 | U | <0.00321 | U | <0.0038 | U | <0.0034 | U | <0.00354 | U | <0.00339 | U | <0.00328 | U | <0.00337 | U |
| Lindane | 9.2 | 0.1 | <0.000792 | U | <0.000723 | U | <0.000713 | U | <0.000844 | U | <0.000755 | U | <0.000786 | U | <0.000753 | U | <0.000729 | U | <0.00075 | U |
| Methoxychlor | | | <0.00356 | U | <0.00325 | U | <0.00321 | U | <0.0038 | U | <0.0034 | U | <0.00354 | U | <0.00339 | U | <0.00328 | U | <0.00337 | U |
| Toxaphene | | | <0.0356 | U | <0.0325 | U | <0.0321 | U | <0.038 | U | <0.034 | U | <0.0354 | U | <0.0339 | U | <0.0328 | U | <0.0337 | U |
| trans-Chlordane | | | <0.00238 | U | <0.00217 | U | <0.00214 | U | <0.00253 | U | <0.00226 | U | <0.00236 | U | <0.00226 | U | <0.00219 | U | <0.00225 | U |
| **POLYCHLORINATED BIPHENYLS BY GC** | | | | | | | | | | | | | | | | | | | | |
| Aroclor 1016 | 1 | 3.2 | <0.059 | U | <0.0515 | U | <0.0529 | U | <0.0619 | U | <0.0553 | U | <0.0568 | U | <0.0553 | U | <0.0538 | U | <0.0578 | U |
| Aroclor 1221 | 1 | 3.2 | <0.059 | U | <0.0515 | U | <0.0529 | U | <0.0619 | U | <0.0553 | U | <0.0568 | U | <0.0553 | U | <0.0538 | U | <0.0578 | U |
| Aroclor 1232 | 1 | 3.2 | <0.059 | U | <0.0515 | U | <0.0529 | U | <0.0619 | U | <0.0553 | U | <0.0568 | U | <0.0553 | U | <0.0538 | U | <0.0578 | U |
| Aroclor 1242 | 1 | 3.2 | <0.059 | U | <0.0515 | U | <0.0529 | U | <0.0619 | U | <0.0553 | U | <0.0568 | U | <0.0553 | U | <0.0538 | U | <0.0578 | U |
| Aroclor 1248 | 1 | 3.2 | 0.428 | | <0.0515 | U | <0.0529 | U | 0.0272 | J | <0.0553 | U | 0.012 | J | 0.0555 | | <0.0538 | U | 0.142 | |
| Aroclor 1254 | 1 | 3.2 | 0.225 | | <0.0515 | U | <0.0529 | U | <0.0619 | U | <0.0553 | U | <0.0568 | U | <0.0553 | U | <0.0538 | U | <0.0578 | U |
| Aroclor 1260 | 1 | 3.2 | 0.0832 | | <0.0515 | U | <0.0529 | U | <0.0619 | U | <0.0553 | U | <0.0568 | U | <0.0553 | U | <0.0538 | U | <0.0578 | U |
| Aroclor 1262 | 1 | 3.2 | <0.059 | U | <0.0515 | U | <0.0529 | U | <0.0619 | U | <0.0553 | U | <0.0568 | U | <0.0553 | U | <0.0538 | U | <0.0578 | U |
| Aroclor 1268 | 1 | 3.2 | <0.059 | U | <0.0515 | U | <0.0529 | U | <0.0619 | U | <0.0553 | U | <0.0568 | U | <0.0553 | U | <0.0538 | U | <0.0578 | U |
| PCBs, Total | 1 | 3.2 | 0.736 | | <0.0515 | U | <0.0529 | U | 0.0272 | J | <0.0553 | U | 0.012 | J | 0.0555 | | <0.0538 | U | 0.142 | |

# Appendix I-2
## Confirmation Sample Results - All Analytes

| SAMPLE ID: | Part 375 Commercial Use SCOs (mg/Kg) | Part 375 Groundwater SCOs (mg/Kg) | LAGOON-SW-S2-6.5 | | BASE-04-09 | | LAGOON-SW-N3-8.5 | | LAGOON-SW-N4-8.5 | | LAGOON-SW-S3-08 | | LAGOON-SW-S4-08 | | LAGOON-SW-S5-06 | | TRENCH BASE @ 6' | | TRENCH BASE DUP @ 6' | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LAB ID: | | | L2448023-03 | | L2451069-05 | | L2451069-01 | | L2451069-02 | | L2451069-03 | | L2451069-04 | | L2451670-01 | | L2459257-01 | | L2459257-02 | |
| COLLECTION DATE: | | | 8/22/2024 | | 9/5/2024 | | 9/5/2024 | | 9/5/2024 | | 9/5/2024 | | 9/5/2024 | | 9/9/2024 | | 10/9/2024 | | 10/9/2024 | |
| SAMPLE DEPTH (bgs): | | | 6.5 | | 9 | | 8.5 | | 8.5 | | 8 | | 8 | | 6 | | 6 | | 6 | |
| SAMPLE MATRIX: | | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | |
| ANALYTE | | | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q |
| **TOTAL METALS** | | | | | | | | | | | | | | | | | | | | |
| Aluminum, Total | | | 8210 | | 4820 | | 5940 | | 6310 | | 4700 | | 6070 | | 3400 | | 6600 | | 7520 | |
| Antimony, Total | | | 0.581 | J | <4.18 | U | 1.02 | J | <4.99 | U | <4.55 | U | <4.65 | U | <4.45 | U | <4.28 | U | <4.64 | U |
| Arsenic, Total | 16 | 16 | 3.76 | | 2.74 | | 2.99 | | 3.68 | | 2.74 | | 2.58 | | 1.26 | | 4.36 | | 3.3 | |
| Barium, Total | 400 | 820 | 105 | | 56.7 | | 124 | | 67.9 | | 52 | | 71 | | 30.6 | | 91.3 | | 98.3 | |
| Beryllium, Total | 590 | 47 | 0.424 | J | 0.251 | J | 0.326 | J | 0.344 | J | 0.266 | J | 0.316 | J | 0.172 | J | 0.368 | J | 0.407 | J |
| Cadmium, Total | 9.3 | 7.5 | 0.18 | J | <0.836 | U | <0.865 | U | <0.998 | U | <0.91 | U | <0.93 | U | <0.889 | U | <0.856 | U | <0.927 | U |
| Calcium, Total | | | 66500 | | 67400 | | 31000 | | 66600 | | 80000 | | 61900 | | 44700 | | 88100 | | 69400 | |
| Chromium, Total | | | 17.9 | | 8.19 | | 21.9 | | 10.5 | | 7.11 | | 9.65 | | 5.63 | | 11.2 | | 13.8 | |
| Cobalt, Total | | | 7.49 | | 4.56 | | 9.27 | | 5.96 | | 4.34 | | 5.74 | | 3.29 | | 6.32 | | 6.83 | |
| Copper, Total | 270 | 1720 | 14.6 | | 13.8 | | 14.6 | | 17.1 | | 13.6 | | 14.5 | | 6.48 | | 14.5 | | 16.5 | |
| Iron, Total | | | 14500 | | 11700 | | 11800 | | 15600 | | 11700 | | 13700 | | 7200 | | 15700 | | 18600 | |
| Lead, Total | 1000 | 450 | 87.2 | | 9.62 | | 72.7 | | 10.5 | | 11.7 | | 11.4 | | 3.68 | J | 9.25 | | 19 | |
| Magnesium, Total | | | 31500 | | 17600 | | 8950 | | 19800 | | 34600 | | 16300 | | 13800 | | 17700 | | 17000 | |
| Manganese, Total | 10000 | 2000 | 676 | | 446 | | 326 | | 537 | | 442 | | 537 | | 393 | | 526 | | 560 | |
| Mercury, Total | 2.8 | 0.73 | 0.98 | | <0.09 | U | <0.081 | U | 0.482 | | <0.074 | U | <0.079 | U | <0.074 | U | 0.059 | J | <0.078 | U |
| Nickel, Total | 310 | 130 | 12.8 | | 9.44 | | 9.81 | | 12.5 | | 8.62 | | 12.3 | | 6.6 | | 13.6 | | 15.6 | |
| Potassium, Total | | | 844 | | 653 | | 634 | | 701 | | 700 | | 724 | | 425 | | 679 | | 752 | |
| Selenium, Total | 1500 | 4 | <1.86 | U | 0.242 | J | <1.73 | U | 0.449 | J | 0.432 | J | 0.481 | J | <1.78 | U | <1.71 | U | <1.85 | U |
| Silver, Total | 1500 | 8.3 | <0.464 | U | <0.418 | U | <0.432 | U | <0.499 | U | <0.455 | U | <0.465 | U | <0.445 | U | <0.428 | U | <0.464 | U |
| Sodium, Total | | | 181 | J | 123 | J | 90.2 | J | 134 | J | 135 | J | 129 | J | 85.6 | J | 136 | J | 133 | J |
| Thallium, Total | | | <1.86 | U | <1.67 | U | <1.73 | U | <2 | U | <1.82 | U | <1.86 | U | <1.78 | U | <1.71 | U | <1.85 | U |
| Vanadium, Total | | | 16.7 | | 14.1 | | 13.5 | | 17.9 | | 12.8 | | 15.4 | | 7.82 | | 16.1 | | 17.6 | |
| Zinc, Total | 10000 | 2480 | 89.3 | | 51.4 | | 124 | | 55.7 | | 41.5 | | 50.8 | | 29.7 | | 62.1 | | 70.1 | |
| **GENERAL CHEMISTRY** | | | | | | | | | | | | | | | | | | | | |
| Cyanide, Total | 27 | 40 | <1.2 | U | <1 | U | <1 | U | <1.3 | U | <1.1 | U | <1.1 | U | <1.1 | U | <1 | U | <1.1 | U |
| Solids, Total | | | 82 | | 90.7 | | 89.9 | | 76.6 | | 87.4 | | 84.5 | | 85.7 | | 89.6 | | 86 | |

Yellow shading - value exceeds Protection of Groundwater SCO (PSGW SCO)
**BOLD** value - reported value exceeds Commercial Soil Cleanup Objective (CSCO)

[1] indicates a PSGW SCO (toluene, ethylbenzene, total xylenes, total PCBs, & mercury)
E - Indicates concentration of analyte exceeded the range of the calibration curve and/or linear range of the instrument.
J - The reported value is estimated; analyte detected above the MDL but below the RL
U - the reported value was not detected at or above the laboratory's MDL
* Indicates SCO for Total (mixed) xylene; no SCOs exist for individual isomers
** A GWSCO for Total Cr does not exist; value represents SCO for hexavalent Cr
*** A CSCO for Cr does not exist; value represents SCO for trivalent Cr

# Appendix I-2
## Confirmation Sample Results - All Analytes

| SAMPLE ID: | Part 375 Commercial Use SCOs (mg/Kg) | Part 375 Groundwater SCOs (mg/Kg) | SOUTH SIDE @ 4'-A | | NORTH SIDE @ 4'-A | | SOUTH SIDE @ 4'-B | | NORTH SIDE @ 4'-B | | FIELD BLANK | | SOUTH SIDE @ 3'-C | | NORTH SIDE @ 3'-C | | EAST WALL @ 3' | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LAB ID: | | | L2459257-03 | | L2459257-04 | | L2459257-05 | | L2459257-06 | | L2459257-07 | | L2459257-09 | | L2459257-10 | | L2459257-11 | |
| COLLECTION DATE: | | | 10/9/2024 | | 10/9/2024 | | 10/9/2024 | | 10/9/2024 | | 10/9/2024 | | 10/10/2024 | | 10/10/2024 | | 10/10/2024 | |
| SAMPLE DEPTH (bgs): | | | 4 | | 4 | | 4 | | 4 | | | | 3 | | 3 | | 3 | |
| SAMPLE MATRIX: | | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | |
| ANALYTE | | | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q |
| **VOLATILE ORGANICS BY GC/MS** | | | | | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane | 500 | 0.68 | <0.00024 | U | <0.021 | U | <0.035 | U | <0.41 | U | <0.00022 | U | <0.018 | U | <0.00033 | U | <0.16 | U |
| 1,1,2,2-Tetrachloroethane | | | <0.00024 | U | <0.021 | U | <0.035 | U | <0.41 | U | <0.00022 | U | <0.018 | U | <0.00033 | U | <0.16 | U |
| 1,1,2-Trichloroethane | | | <0.00048 | U | <0.042 | U | <0.071 | U | <0.83 | U | <0.00044 | U | <0.035 | U | <0.00067 | U | <0.32 | U |
| 1,1-Dichloroethane | 240 | 0.27 | <0.00048 | U | <0.042 | U | <0.071 | U | <0.83 | U | <0.00044 | U | <0.035 | U | <0.00067 | U | <0.32 | U |
| 1,1-Dichloroethene | 500 | 0.33 | <0.00048 | U | <0.042 | U | <0.071 | U | <0.83 | U | <0.00044 | U | <0.035 | U | <0.00067 | U | <0.32 | U |
| 1,2,3-Trichlorobenzene | | | <0.00097 | U | <0.085 | U | <0.14 | U | <1.6 | U | <0.00088 | U | <0.07 | U | <0.0013 | U | <0.64 | U |
| 1,2,4-Trichlorobenzene | | | <0.00097 | U | 0.029 | J | 0.05 | J | <1.6 | U | 0.00015 | J | <0.07 | U | <0.0013 | U | 0.15 | J |
| 1,2-Dibromo-3-chloropropane | | | <0.0014 | U | <0.13 | U | <0.21 | U | <2.5 | U | <0.0013 | U | <0.1 | U | <0.002 | U | <0.96 | U |
| 1,2-Dibromoethane | | | <0.00048 | U | <0.042 | U | <0.071 | U | <0.83 | U | <0.00044 | U | <0.035 | U | <0.00067 | U | <0.32 | U |
| 1,2-Dichlorobenzene | 500 | 1.1 | 0.0009 | J | 0.51 | | 1.3 | | 2.5 | | 0.004 | | 0.11 | | 0.013 | | 6.1 | |
| 1,2-Dichloroethane | 30 | 0.02 | <0.00048 | U | <0.042 | U | <0.071 | U | <0.83 | U | <0.00044 | U | <0.035 | U | <0.00067 | U | <0.32 | U |
| 1,2-Dichloropropane | | | <0.00048 | U | <0.042 | U | <0.071 | U | <0.83 | U | <0.00044 | U | <0.035 | U | <0.00067 | U | <0.32 | U |
| 1,3-Dichlorobenzene | 280 | 2.4 | <0.00097 | U | 0.0067 | J | 0.016 | J | <1.6 | U | <0.00088 | U | <0.07 | U | 0.00016 | J | 0.088 | J |
| 1,4-Dichlorobenzene | 130 | 1.8 | 0.00012 | J | 0.06 | J | 0.17 | | 0.31 | J | 0.00038 | J | 0.014 | J | 0.0014 | | 0.85 | |
| 1,4-Dioxane | 130 | 0.1 | <0.039 | U | <3.4 | U | <5.7 | U | <66 | U | <0.035 | U | <2.8 | U | <0.053 | U | <25 | U |
| 2-Butanone | 500 | 0.12 | <0.0048 | U | <0.42 | U | <0.71 | U | 6 | J | 0.0051 | | <0.35 | U | 0.0099 | | <3.2 | U |
| 2-Hexanone | | | <0.0048 | U | <0.42 | U | <0.71 | U | <8.3 | U | <0.0044 | U | <0.35 | U | <0.0067 | U | <3.2 | U |
| 4-Methyl-2-pentanone | | | <0.0048 | U | <0.42 | U | <0.71 | U | 2.9 | J | 0.0016 | J | 0.16 | J | 0.016 | | 9.1 | |
| Acetone | 500 | 0.05 | 0.0086 | | <0.42 | U | <0.71 | U | 4.1 | J | 0.017 | | 0.18 | J | 0.039 | | 1.7 | J |
| Benzene | 44 | 0.06 | 0.00088 | | 0.033 | | 0.14 | | 0.53 | | 0.0037 | | 0.024 | | 0.013 | | 0.24 | |
| Bromochloromethane | | | <0.00097 | U | <0.085 | U | <0.14 | U | <1.6 | U | <0.00088 | U | <0.07 | U | <0.0013 | U | <0.64 | U |
| Bromodichloromethane | | | <0.00024 | U | <0.021 | U | <0.035 | U | <0.41 | U | <0.00022 | U | <0.018 | U | <0.00033 | U | <0.16 | U |
| Bromoform | | | <0.0019 | U | <0.17 | U | <0.28 | U | <3.3 | U | <0.0018 | U | <0.14 | U | <0.0027 | U | <1.3 | U |
| Bromomethane | | | <0.00097 | U | <0.085 | U | <0.14 | U | <1.6 | U | <0.00088 | U | <0.07 | U | <0.0013 | U | <0.64 | U |
| Carbon disulfide | | | <0.0048 | U | <0.42 | U | <0.71 | U | <8.3 | U | <0.0044 | U | <0.35 | U | <0.0067 | U | <3.2 | U |
| Carbon tetrachloride | 22 | 0.76 | <0.00048 | U | <0.042 | U | <0.071 | U | <0.83 | U | <0.00044 | U | <0.035 | U | <0.00067 | U | <0.32 | U |
| Chlorobenzene | 500 | 1.1 | 0.00085 | | 0.083 | | 0.19 | | 1 | | 0.0022 | | 0.01 | J | 0.0023 | | <0.16 | U |
| Chloroethane | | | <0.00097 | U | <0.085 | U | <0.14 | U | <1.6 | U | <0.00088 | U | <0.07 | U | <0.0013 | U | <0.64 | U |
| Chloroform | 350 | 0.37 | <0.00073 | U | <0.064 | U | <0.11 | U | <1.2 | U | <0.00066 | U | <0.053 | U | <0.001 | U | <0.48 | U |
| Chloromethane | | | <0.0019 | U | <0.17 | U | <0.28 | U | <3.3 | U | <0.0018 | U | <0.14 | U | <0.0027 | U | <1.3 | U |
| cis-1,2-Dichloroethene | 500 | 0.25 | <0.00048 | U | <0.042 | U | <0.071 | U | <0.83 | U | <0.00044 | U | <0.035 | U | 0.00029 | J | <0.32 | U |
| cis-1,3-Dichloropropene | | | <0.00024 | U | <0.021 | U | <0.035 | U | <0.41 | U | <0.00022 | U | <0.018 | U | <0.00033 | U | <0.16 | U |
| Cyclohexane | | | <0.0048 | U | <0.42 | U | <0.71 | U | <8.3 | U | <0.0044 | U | <0.35 | U | <0.0067 | U | <3.2 | U |
| Dibromochloromethane | | | <0.00048 | U | <0.042 | U | <0.071 | U | <0.83 | U | <0.00044 | U | <0.035 | U | <0.00067 | U | <0.32 | U |
| Dichlorodifluoromethane | | | <0.0048 | U | <0.42 | U | <0.71 | U | <8.3 | U | <0.0044 | U | <0.35 | U | <0.0067 | U | <3.2 | U |
| Ethylbenzene | 390 | 1 | 0.002 | | 7.8 | | 13 | | 59 | | 0.0066 | | 1.8 | | 0.37 | | 120 | |
| Freon-113 | | | <0.0019 | U | <0.17 | U | <0.28 | U | <3.3 | U | <0.0018 | U | <0.14 | U | <0.0027 | U | <1.3 | U |
| Isopropylbenzene | | | 0.0028 | | 0.96 | | 1.6 | | 5.2 | | 0.005 | | 0.17 | | 0.021 | | 9.4 | |
| Methyl Acetate | | | <0.0019 | U | <0.17 | U | <0.28 | U | <3.3 | U | <0.0018 | U | <0.14 | U | <0.0027 | U | <1.3 | U |
| Methyl cyclohexane | | | <0.0019 | U | 0.061 | J | 0.076 | J | 0.56 | J | <0.0018 | U | <0.14 | U | 0.0014 | J | 0.49 | J |
| Methyl tert butyl ether | 500 | 0.93 | <0.00097 | U | <0.085 | U | <0.14 | U | <1.6 | U | <0.00088 | U | <0.07 | U | <0.0013 | U | <0.64 | U |
| Methylene chloride | 500 | 0.05 | <0.0024 | U | <0.21 | U | <0.35 | U | <4.1 | U | <0.0022 | U | <0.18 | U | <0.0033 | U | <1.6 | U |
| o-Xylene | | | 0.00084 | | 2.6 | | 11 | | 85 | | 0.002 | | 1.4 | | 0.18 | | 140 | |
| p/m-Xylene | | | 0.0098 | | 17 | | 47 | | 240 | | 0.012 | | 7.2 | | 1.8 | | 440 | |
| Styrene | | | <0.00048 | U | <0.042 | U | <0.071 | U | <0.83 | U | <0.00044 | U | <0.035 | U | <0.00067 | U | 0.26 | J |
| Tetrachloroethene | 150 | 1.3 | <0.00024 | U | <0.021 | U | <0.035 | U | <0.41 | U | <0.00022 | U | <0.018 | U | <0.00033 | U | 0.068 | J |
| Toluene | 500 | 0.7 | 0.0042 | | 1.7 | | 19 | | 720 | E | 0.015 | | 0.28 | | <0.044 | U | 790 | |
| trans-1,2-Dichloroethene | 500 | 0.19 | <0.00073 | U | <0.064 | U | <0.11 | U | <1.2 | U | <0.00066 | U | <0.053 | U | <0.001 | U | <0.48 | U |
| trans-1,3-Dichloropropene | | | <0.00048 | U | <0.042 | U | <0.071 | U | <0.83 | U | <0.00044 | U | <0.035 | U | <0.00067 | U | <0.32 | U |
| Trichloroethene | 200 | 0.47 | <0.00024 | U | <0.021 | U | <0.035 | U | <0.41 | U | <0.00022 | U | <0.018 | U | <0.00033 | U | <0.16 | U |
| Trichlorofluoromethane | | | <0.0019 | U | <0.17 | U | <0.28 | U | <3.3 | U | <0.0018 | U | <0.14 | U | <0.0027 | U | <1.3 | U |
| Vinyl chloride | 13 | 0.02 | <0.00048 | U | <0.042 | U | <0.071 | U | <0.83 | U | <0.00044 | U | <0.035 | U | <0.00067 | U | <0.32 | U |
| Total VOCs | | | 0.03099 | - | 30.8427 | - | 93.542 | - | 1197.1 | - | 0.07473 | - | 11.348 | - | 1.94745 | - | 1288.446 | - |

# Appendix I-2
## Confirmation Sample Results - All Analytes

| SAMPLE ID: | Part 375 Commercial Use SCOs (mg/Kg) | Part 375 Groundwater SCOs (mg/Kg) | SOUTH SIDE @ 4'-A | | NORTH SIDE @ 4'-A | | SOUTH SIDE @ 4'-B | | NORTH SIDE @ 4'-B | | FIELD BLANK | | SOUTH SIDE @ 3'-C | | NORTH SIDE @ 3'-C | | EAST WALL @ 3' | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LAB ID: | | | L2459257-03 | | L2459257-04 | | L2459257-05 | | L2459257-06 | | L2459257-07 | | L2459257-09 | | L2459257-10 | | L2459257-11 | |
| COLLECTION DATE: | | | 10/9/2024 | | 10/9/2024 | | 10/9/2024 | | 10/9/2024 | | 10/9/2024 | | 10/10/2024 | | 10/10/2024 | | 10/10/2024 | |
| SAMPLE DEPTH (bgs): | | | 4 | | 4 | | 4 | | 4 | | | | 3 | | 3 | | 3 | |
| SAMPLE MATRIX: | | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | |
| ANALYTE | | | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q |
| **SEMIVOLATILE ORGANICS BY GC/MS** | | | | | | | | | | | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | | | <0.18 | U | <0.18 | U | <0.18 | U | <0.18 | U | - | | <0.18 | U | <0.18 | U | <1.8 | U |
| 2,3,4,6-Tetrachlorophenol | | | <0.18 | U | <0.18 | U | <0.18 | U | <0.18 | U | - | | <0.18 | U | <0.18 | U | <1.8 | U |
| 2,4,5-Trichlorophenol | | | <0.18 | U | <0.18 | U | <0.18 | U | <0.18 | U | - | | <0.18 | U | <0.18 | U | <1.8 | U |
| 2,4,6-Trichlorophenol | | | <0.11 | U | <0.11 | U | <0.11 | U | <0.11 | U | - | | <0.11 | U | <0.11 | U | <1.1 | U |
| 2,4-Dichlorophenol | | | <0.16 | U | <0.16 | U | <0.17 | U | <0.16 | U | - | | <0.16 | U | <0.17 | U | <1.6 | U |
| 2,4-Dimethylphenol | | | <0.18 | U | 0.13 | J | <0.18 | U | <0.18 | U | - | | <0.18 | U | <0.18 | U | 1.7 | J |
| 2,4-Dinitrophenol | | | <0.86 | U | <0.88 | U | <0.89 | U | <0.85 | U | - | | <0.88 | U | <0.89 | U | <8.8 | U |
| 2,4-Dinitrotoluene | | | <0.18 | U | <0.18 | U | <0.18 | U | <0.18 | U | - | | <0.18 | U | <0.18 | U | <1.8 | U |
| 2,6-Dinitrotoluene | | | <0.18 | U | <0.18 | U | <0.18 | U | <0.18 | U | - | | <0.18 | U | <0.18 | U | <1.8 | U |
| 2-Chloronaphthalene | | | <0.18 | U | <0.18 | U | <0.18 | U | <0.18 | U | - | | <0.18 | U | <0.18 | U | <1.8 | U |
| 2-Chlorophenol | | | <0.18 | U | <0.18 | U | <0.18 | U | <0.18 | U | - | | <0.18 | U | <0.18 | U | <1.8 | U |
| 2-Methylnaphthalene | | | <0.22 | U | 0.33 | | 1.6 | | 0.14 | J | - | | <0.22 | U | 0.024 | J | 6 | |
| 2-Methylphenol | 500 | 0.33 | <0.18 | U | <0.18 | U | <0.18 | U | <0.18 | U | - | | <0.18 | U | <0.18 | U | 0.35 | J |
| 2-Nitroaniline | | | <0.18 | U | <0.18 | U | <0.18 | U | <0.18 | U | - | | <0.18 | U | <0.18 | U | <1.8 | U |
| 2-Nitrophenol | | | <0.39 | U | <0.39 | U | <0.4 | U | <0.38 | U | - | | <0.4 | U | <0.4 | U | <4 | U |
| 3,3'-Dichlorobenzidine | | | <0.18 | U | <0.18 | U | <0.18 | U | <0.18 | U | - | | <0.18 | U | <0.18 | U | <1.8 | U |
| 3-Methylphenol/4-Methylphenol | 500 | 0.33 | <0.26 | U | <0.26 | U | 0.55 | | 0.087 | J | - | | <0.26 | U | 0.032 | J | 5 | |
| 3-Nitroaniline | | | <0.18 | U | <0.18 | U | <0.18 | U | <0.18 | U | - | | <0.18 | U | <0.18 | U | <1.8 | U |
| 4,6-Dinitro-o-cresol | | | <0.47 | U | <0.48 | U | <0.48 | U | <0.46 | U | - | | <0.48 | U | <0.48 | U | <4.8 | U |
| 4-Bromophenyl phenyl ether | | | <0.18 | U | <0.18 | U | <0.18 | U | <0.18 | U | - | | <0.18 | U | <0.18 | U | <1.8 | U |
| 4-Chloroaniline | | | <0.18 | U | <0.18 | U | <0.18 | U | <0.18 | U | - | | <0.18 | U | <0.18 | U | <1.8 | U |
| 4-Chlorophenyl phenyl ether | | | <0.18 | U | <0.18 | U | <0.18 | U | <0.18 | U | - | | <0.18 | U | <0.18 | U | <1.8 | U |
| 4-Nitroaniline | | | <0.18 | U | <0.18 | U | <0.18 | U | <0.18 | U | - | | <0.18 | U | <0.18 | U | <1.8 | U |
| 4-Nitrophenol | | | <0.25 | U | <0.26 | U | <0.26 | U | <0.25 | U | - | | <0.26 | U | <0.26 | U | <2.6 | U |
| Acenaphthene | 500 | 98 | <0.14 | U | 0.029 | J | 0.083 | J | <0.14 | U | - | | <0.15 | U | <0.15 | U | 1.1 | J |
| Acenaphthylene | 500 | 107 | <0.14 | U | <0.15 | U | <0.15 | U | <0.14 | U | - | | <0.15 | U | <0.15 | U | <1.5 | U |
| Acetophenone | | | <0.18 | U | <0.18 | U | <0.18 | U | <0.18 | U | - | | <0.18 | U | <0.18 | U | <1.8 | U |
| Anthracene | 500 | 1000 | <0.11 | U | <0.11 | U | 0.044 | J | <0.11 | U | - | | <0.11 | U | <0.11 | U | 0.69 | J |
| Atrazine | | | <0.14 | U | <0.15 | U | <0.15 | U | <0.14 | U | - | | <0.15 | U | <0.15 | U | <1.5 | U |
| Benzaldehyde | | | <0.24 | U | <0.24 | U | <0.24 | U | <0.23 | U | - | | <0.24 | U | <0.24 | U | <2.4 | U |
| Benzo(a)anthracene | 5.6 | 1 | <0.11 | U | 0.024 | J | 0.064 | J | <0.11 | U | - | | <0.11 | U | <0.11 | U | 0.82 | J |
| Benzo(a)pyrene | 1 | 22 | <0.14 | U | <0.15 | U | <0.15 | U | <0.14 | U | - | | <0.15 | U | <0.15 | U | 0.51 | J |
| Benzo(b)fluoranthene | 5.6 | 1.7 | <0.11 | U | <0.11 | U | 0.075 | J | <0.11 | U | - | | <0.11 | U | <0.11 | U | 0.94 | J |
| Benzo(ghi)perylene | 500 | 1000 | <0.14 | U | <0.15 | U | 0.036 | J | <0.14 | U | - | | <0.15 | U | <0.15 | U | 0.33 | J |
| Benzo(k)fluoranthene | 56 | 1.7 | <0.11 | U | <0.11 | U | <0.11 | U | <0.11 | U | - | | <0.11 | U | <0.11 | U | <1.1 | U |
| Biphenyl | | | <0.41 | U | 0.033 | J | 0.16 | J | <0.4 | U | - | | <0.42 | U | <0.42 | U | 0.6 | J |
| Bis(2-chloroethoxy)methane | | | <0.19 | U | <0.2 | U | <0.2 | U | <0.19 | U | - | | <0.2 | U | <0.2 | U | <2 | U |
| Bis(2-chloroethyl)ether | | | <0.16 | U | <0.16 | U | <0.17 | U | <0.16 | U | - | | <0.16 | U | <0.17 | U | <1.6 | U |
| Bis(2-chloroisopropyl)ether | | | <0.22 | U | <0.22 | U | <0.22 | U | <0.21 | U | - | | <0.22 | U | <0.22 | U | <2.2 | U |
| Bis(2-ethylhexyl)phthalate | | | 0.3 | | 7.5 | | 44 | E | 9.8 | E | - | | <0.18 | U | 0.86 | | 47 | |
| Butyl benzyl phthalate | | | <0.18 | U | <0.18 | U | <0.18 | U | <0.18 | U | - | | <0.18 | U | <0.18 | U | <1.8 | U |
| Caprolactam | | | <0.18 | U | <0.18 | U | <0.18 | U | <0.18 | U | - | | <0.18 | U | <0.18 | U | <1.8 | U |
| Carbazole | | | <0.18 | U | <0.18 | U | 0.02 | J | <0.18 | U | - | | <0.18 | U | <0.18 | U | 0.37 | J |
| Chrysene | 56 | 1 | <0.11 | U | 0.022 | J | 0.068 | J | <0.11 | U | - | | <0.11 | U | <0.11 | U | 0.85 | J |
| Di-n-butylphthalate | | | <0.18 | U | 0.32 | | 1.1 | | <0.18 | U | - | | <0.18 | U | <0.18 | U | 5 | |
| Di-n-octylphthalate | | | <0.18 | U | <0.18 | U | <0.18 | U | <0.18 | U | - | | <0.18 | U | <0.18 | U | <1.8 | U |
| Dibenzo(a,h)anthracene | 0.56 | 1000 | <0.11 | U | <0.11 | U | <0.11 | U | <0.11 | U | - | | <0.11 | U | <0.11 | U | <1.1 | U |
| Dibenzofuran | 350 | 210 | <0.18 | U | 0.034 | J | 0.096 | J | 0.017 | J | - | | <0.18 | U | <0.18 | U | 1.2 | J |
| Diethyl phthalate | | | <0.18 | U | <0.18 | U | <0.18 | U | <0.18 | U | - | | <0.18 | U | <0.18 | U | <1.8 | U |
| Dimethyl phthalate | | | <0.18 | U | <0.18 | U | <0.18 | U | <0.18 | U | - | | <0.18 | U | <0.18 | U | <1.8 | U |
| Fluoranthene | 500 | 1000 | <0.11 | U | 0.064 | J | 0.17 | | 0.042 | J | - | | <0.11 | U | 0.025 | J | 2.5 | |
| Fluorene | 500 | 386 | <0.18 | U | 0.034 | J | 0.11 | J | 0.019 | J | - | | <0.18 | U | <0.18 | U | 1.3 | J |
| Hexachlorobenzene | 6 | 3.2 | <0.11 | U | <0.11 | U | <0.11 | U | <0.11 | U | - | | <0.11 | U | <0.11 | U | <1.1 | U |
| Hexachlorobutadiene | | | <0.18 | U | <0.18 | U | <0.18 | U | <0.18 | U | - | | <0.18 | U | <0.18 | U | <1.8 | U |
| Hexachlorocyclopentadiene | | | <0.51 | U | <0.52 | U | <0.53 | U | <0.51 | U | - | | <0.53 | U | <0.53 | U | <5.2 | U |
| Hexachloroethane | | | <0.14 | U | <0.15 | U | <0.15 | U | <0.14 | U | - | | <0.15 | U | <0.15 | U | <1.5 | U |
| Indeno(1,2,3-cd)pyrene | 5.6 | 8.2 | <0.14 | U | <0.15 | U | 0.033 | J | <0.14 | U | - | | <0.15 | U | <0.15 | U | 0.34 | J |
| Isophorone | | | <0.16 | U | <0.16 | U | <0.17 | U | <0.16 | U | - | | <0.16 | U | <0.17 | U | <1.6 | U |

# Appendix I-2
## Confirmation Sample Results - All Analytes

| SAMPLE ID: | Part 375 Commercial Use SCOs (mg/Kg) | Part 375 Groundwater SCOs (mg/Kg) | SOUTH SIDE @ 4'-A | | NORTH SIDE @ 4'-A | | SOUTH SIDE @ 4'-B | | NORTH SIDE @ 4'-B | | FIELD BLANK | | SOUTH SIDE @ 3'-C | | NORTH SIDE @ 3'-C | | EAST WALL @ 3' | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LAB ID: | | | L2459257-03 | | L2459257-04 | | L2459257-05 | | L2459257-06 | | L2459257-07 | | L2459257-09 | | L2459257-10 | | L2459257-11 | |
| COLLECTION DATE: | | | 10/9/2024 | | 10/9/2024 | | 10/9/2024 | | 10/9/2024 | | 10/9/2024 | | 10/10/2024 | | 10/10/2024 | | 10/10/2024 | |
| SAMPLE DEPTH (bgs): | | | 4 | | 4 | | 4 | | 4 | | | | 3 | | 3 | | 3 | |
| SAMPLE MATRIX: | | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | |
| **ANALYTE** | | | **Conc** | **Q** | **Conc** | **Q** | **Conc** | **Q** | **Conc** | **Q** | **Conc** | **Q** | **Conc** | **Q** | **Conc** | **Q** | **Conc** | **Q** |
| n-Nitrosodi-n-propylamine | | | <0.18 | U | <0.18 | U | <0.18 | U | <0.18 | U | - | | <0.18 | U | <0.18 | U | <1.8 | U |
| Naphthalene | 500 | 12 | <0.18 | U | 0.98 | | 4.4 | | 0.29 | | - | | 0.029 | J | 0.062 | J | 14 | |
| NDPA/DPA | | | <0.14 | U | <0.15 | U | <0.15 | U | <0.14 | U | - | | <0.15 | U | <0.15 | U | <1.5 | U |
| Nitrobenzene | | | <0.16 | U | <0.16 | U | <0.17 | U | <0.16 | U | - | | <0.16 | U | <0.17 | U | <1.6 | U |
| p-Chloro-m-cresol | | | <0.18 | U | <0.18 | U | <0.18 | U | <0.18 | U | - | | <0.18 | U | <0.18 | U | <1.8 | U |
| Pentachlorophenol | 6.7 | 0.8 | <0.14 | U | <0.15 | U | <0.15 | U | <0.14 | U | - | | <0.15 | U | <0.15 | U | <1.5 | U |
| Phenanthrene | 500 | 1000 | <0.11 | U | 0.1 | J | 0.28 | | 0.059 | J | - | | <0.11 | U | <0.11 | U | 3.9 | |
| Phenol | 500 | 0.33 | <0.18 | U | <0.18 | U | <0.18 | U | <0.18 | U | - | | <0.18 | U | <0.18 | U | <1.8 | U |
| Pyrene | 500 | 1000 | <0.11 | U | 0.046 | J | 0.12 | | 0.03 | J | - | | <0.11 | U | 0.019 | J | 1.7 | |
| Total SVOCs | | | 0.3 | - | 9.546 | - | 44 | - | 9.284 | - | - | - | 0.029 | - | 1.022 | - | 96.2 | - |
| **CHLORINATED HERBICIDES BY GC** | | | | | | | | | | | | | | | | | | |
| 2,4,5-T | | | <0.182 | U | <0.184 | U | <0.19 | U | <0.177 | U | - | | <0.184 | U | <0.187 | U | <0.187 | U |
| 2,4,5-TP (Silvex) | 500 | 3.8 | <0.182 | U | <0.184 | U | <0.19 | U | <0.177 | U | - | | <0.184 | U | <0.187 | U | <0.187 | U |
| 2,4-D | | | <0.182 | U | <0.184 | U | <0.19 | U | <0.177 | U | - | | <0.184 | U | <0.187 | U | <0.187 | U |
| **ORGANOCHLORINE PESTICIDES BY GC** | | | | | | | | | | | | | | | | | | |
| 4,4'-DDD | 92 | 14 | <0.00173 | U | <0.00172 | U | <0.00179 | U | <0.00167 | U | - | | <0.00179 | U | <0.00171 | U | <0.00864 | U |
| 4,4'-DDE | 62 | 17 | <0.00173 | U | <0.00172 | U | <0.00179 | U | <0.00167 | U | - | | <0.00179 | U | <0.00171 | U | <0.00864 | U |
| 4,4'-DDT | 47 | 136 | <0.00173 | U | <0.00172 | U | <0.00179 | U | <0.00167 | U | - | | <0.00179 | U | <0.00171 | U | <0.00864 | U |
| Aldrin | 0.68 | 0.19 | <0.00173 | U | <0.00172 | U | <0.00179 | U | <0.00167 | U | - | | <0.00179 | U | <0.00171 | U | <0.00864 | U |
| Alpha-BHC | 3.4 | 0.02 | <0.000723 | U | <0.000716 | U | <0.000744 | U | <0.000696 | U | - | | <0.000746 | U | <0.000713 | U | <0.0036 | U |
| Beta-BHC | 3 | 0.09 | <0.00173 | U | <0.00172 | U | <0.00179 | U | <0.00167 | U | - | | <0.00179 | U | <0.00171 | U | <0.00864 | U |
| Chlordane | | | <0.0144 | U | <0.0143 | U | <0.0149 | U | <0.0139 | U | - | | <0.0149 | U | <0.0142 | U | <0.072 | U |
| cis-Chlordane | 24 | 2.9 | <0.00217 | U | <0.00215 | U | <0.00223 | U | <0.00209 | U | - | | <0.00224 | U | <0.00214 | U | <0.0108 | U |
| Delta-BHC | 500 | 0.25 | <0.00173 | U | <0.00172 | U | <0.00179 | U | <0.00167 | U | - | | <0.00179 | U | <0.00171 | U | <0.00864 | U |
| Dieldrin | 1.4 | 0.1 | <0.00108 | U | <0.00107 | U | <0.00112 | U | <0.00104 | U | - | | <0.00112 | U | <0.00107 | U | <0.0054 | U |
| Endosulfan I | 200 | 102 | <0.00173 | U | <0.00172 | U | <0.00179 | U | <0.00167 | U | - | | <0.00179 | U | <0.00171 | U | <0.00864 | U |
| Endosulfan II | 200 | 102 | <0.00173 | U | <0.00172 | U | <0.00179 | U | <0.00167 | U | - | | <0.00179 | U | <0.00171 | U | <0.00864 | U |
| Endosulfan sulfate | 200 | 1000 | <0.000723 | U | <0.000716 | U | <0.000744 | U | <0.000696 | U | - | | <0.000746 | U | <0.000713 | U | <0.0036 | U |
| Endrin | 89 | 0.06 | <0.000723 | U | <0.000716 | U | <0.000744 | U | <0.000696 | U | - | | <0.000746 | U | <0.000713 | U | <0.0036 | U |
| Endrin aldehyde | | | <0.00217 | U | <0.00215 | U | <0.00223 | U | <0.00209 | U | - | | <0.00224 | U | <0.00214 | U | <0.0108 | U |
| Endrin ketone | | | <0.00173 | U | <0.00172 | U | <0.00179 | U | <0.00167 | U | - | | <0.00179 | U | <0.00171 | U | <0.00864 | U |
| Heptachlor | 15 | 0.38 | <0.000867 | U | <0.00086 | U | <0.000893 | U | <0.000835 | U | - | | <0.000895 | U | <0.000855 | U | <0.00432 | U |
| Heptachlor epoxide | | | <0.00325 | U | <0.00322 | U | <0.00335 | U | <0.00313 | U | - | | <0.00336 | U | <0.00321 | U | <0.0162 | U |
| Lindane | 9.2 | 0.1 | <0.000723 | U | <0.000716 | U | <0.000744 | U | <0.000696 | U | - | | <0.000746 | U | <0.000713 | U | <0.0036 | U |
| Methoxychlor | | | <0.00325 | U | <0.00322 | U | <0.00335 | U | <0.00313 | U | - | | <0.00336 | U | <0.00321 | U | <0.0162 | U |
| Toxaphene | | | <0.0325 | U | <0.0322 | U | <0.0335 | U | <0.0313 | U | - | | <0.0336 | U | <0.0321 | U | <0.162 | U |
| trans-Chlordane | | | <0.00217 | U | <0.00215 | U | <0.00223 | U | <0.00209 | U | - | | <0.00224 | U | <0.00214 | U | <0.0108 | U |
| **POLYCHLORINATED BIPHENYLS BY GC** | | | | | | | | | | | | | | | | | | |
| Aroclor 1016 | 1 | 3.2 | <0.0522 | U | <0.0539 | U | <0.0526 | U | <0.0526 | U | - | | <0.055 | U | <0.0538 | U | <5.33 | U |
| Aroclor 1221 | 1 | 3.2 | <0.0522 | U | <0.0539 | U | <0.0526 | U | <0.0526 | U | - | | <0.055 | U | <0.0538 | U | <5.33 | U |
| Aroclor 1232 | 1 | 3.2 | <0.0522 | U | <0.0539 | U | <0.0526 | U | <0.0526 | U | - | | <0.055 | U | <0.0538 | U | <5.33 | U |
| Aroclor 1242 | 1 | 3.2 | <0.0522 | U | <0.0539 | U | <0.0526 | U | <0.0526 | U | - | | <0.055 | U | <0.0538 | U | <5.33 | U |
| Aroclor 1248 | 1 | 3.2 | 0.0308 | J | 0.91 | | 1.93 | | 0.728 | | - | | 0.0102 | J | 0.19 | | 32.4 | |
| Aroclor 1254 | 1 | 3.2 | 0.028 | J | <0.0539 | U | <0.0526 | U | <0.0526 | U | - | | <0.055 | U | <0.0538 | U | <5.33 | U |
| Aroclor 1260 | 1 | 3.2 | <0.0522 | U | <0.0539 | U | <0.0526 | U | <0.0526 | U | - | | <0.055 | U | <0.0538 | U | <5.33 | U |
| Aroclor 1262 | 1 | 3.2 | <0.0522 | U | <0.0539 | U | <0.0526 | U | <0.0526 | U | - | | <0.055 | U | <0.0538 | U | <5.33 | U |
| Aroclor 1268 | 1 | 3.2 | <0.0522 | U | <0.0539 | U | <0.0526 | U | <0.0526 | U | - | | <0.055 | U | <0.0538 | U | <5.33 | U |
| PCBs, Total | 1 | 3.2 | 0.0588 | J | 0.91 | | 1.93 | | 0.728 | | - | | 0.0102 | J | 0.19 | | 32.4 | |

# Appendix I-2
## Confirmation Sample Results - All Analytes

| SAMPLE ID: | Part 375 Commercial Use SCOs (mg/Kg) | Part 375 Groundwater SCOs (mg/Kg) | SOUTH SIDE @ 4'-A | | NORTH SIDE @ 4'-A | | SOUTH SIDE @ 4'-B | | NORTH SIDE @ 4'-B | | FIELD BLANK | | SOUTH SIDE @ 3'-C | | NORTH SIDE @ 3'-C | | EAST WALL @ 3' | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LAB ID: | | | L2459257-03 | | L2459257-04 | | L2459257-05 | | L2459257-06 | | L2459257-07 | | L2459257-09 | | L2459257-10 | | L2459257-11 | |
| COLLECTION DATE: | | | 10/9/2024 | | 10/9/2024 | | 10/9/2024 | | 10/9/2024 | | 10/9/2024 | | 10/10/2024 | | 10/10/2024 | | 10/10/2024 | |
| SAMPLE DEPTH (bgs): | | | 4 | | 4 | | 4 | | 4 | | | | 3 | | 3 | | 3 | |
| SAMPLE MATRIX: | | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | |
| ANALYTE | | | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q | Conc | Q |
| **TOTAL METALS** | | | | | | | | | | | | | | | | | | |
| Aluminum, Total | | | 6120 | | 7360 | | 5870 | | 6450 | | - | | 7080 | | 7640 | | 7710 | |
| Antimony, Total | | | <4.3 | U | 0.392 | J | <4.53 | U | <4.14 | U | - | | <4.41 | U | <4.42 | U | 5.54 | |
| Arsenic, Total | 16 | 16 | 3.44 | | 2.92 | | 4.25 | | 3.26 | | - | | 3.46 | | 3.58 | | 1.96 | |
| Barium, Total | 400 | 820 | 68.5 | | 82 | | 78.8 | | 65 | | - | | 73.9 | | 89.5 | | 392 | |
| Beryllium, Total | 590 | 47 | 0.351 | J | 0.404 | J | 0.353 | J | 0.382 | J | - | | 0.416 | J | 0.447 | | 0.483 | |
| Cadmium, Total | 9.3 | 7.5 | <0.861 | U | <0.843 | U | <0.906 | U | <0.829 | U | - | | 0.185 | J | <0.885 | U | 0.649 | J |
| Calcium, Total | | | 55500 | | 61600 | | 121000 | | 65800 | | - | | 80300 | | 74100 | | 35500 | |
| Chromium, Total | | | 10.5 | | 12.9 | | 19 | | 11.3 | | - | | 11.7 | | 12 | | 424 | |
| Cobalt, Total | | | 6.46 | | 7.14 | | 6.3 | | 6.15 | | - | | 7.07 | | 7.36 | | 10.8 | |
| Copper, Total | 270 | 1720 | 15.5 | | 16.4 | | 16.4 | | 15.9 | | - | | 20.1 | | 18.2 | | 58.5 | |
| Iron, Total | | | 15800 | | 15400 | | 12800 | | 16400 | | - | | 18200 | | 17100 | | 14700 | |
| Lead, Total | 1000 | 450 | 10.6 | | 9.47 | | 60.5 | | 11.8 | | - | | 10.5 | | 10.6 | | 4230 | |
| Magnesium, Total | | | 15900 | | 16200 | | 19600 | | 18000 | | - | | 19000 | | 15900 | | 10400 | |
| Manganese, Total | 10000 | 2000 | 496 | | 464 | | 628 | | 510 | | - | | 567 | | 543 | | 349 | |
| Mercury, Total | 2.8 | 0.73 | <0.079 | U | <0.075 | U | 0.789 | | 0.061 | J | - | | <0.076 | U | <0.071 | U | 7.95 | |
| Nickel, Total | 310 | 130 | 13.4 | | 15.5 | | 12.4 | | 13.7 | | - | | 14.7 | | 15.5 | | 11.5 | |
| Potassium, Total | | | 537 | | 618 | | 642 | | 633 | | - | | 715 | | 703 | | 658 | |
| Selenium, Total | 1500 | 4 | <1.72 | U | <1.68 | U | <1.81 | U | <1.66 | U | - | | <1.76 | U | <1.77 | U | 0.379 | J |
| Silver, Total | 1500 | 8.3 | <0.43 | U | <0.421 | U | <0.453 | U | <0.414 | U | - | | <0.441 | U | <0.442 | U | <0.444 | U |
| Sodium, Total | | | 116 | J | 135 | J | 144 | J | 120 | J | - | | 132 | J | 120 | J | 108 | J |
| Thallium, Total | | | <1.72 | U | <1.68 | U | <1.81 | U | <1.66 | U | - | | <1.76 | U | <1.77 | U | <1.78 | U |
| Vanadium, Total | | | 16.9 | | 16 | | 13.8 | | 17.2 | | - | | 18.8 | | 19.2 | | 14.3 | |
| Zinc, Total | 10000 | 2480 | 57.3 | | 76.4 | | 51.3 | | 56.8 | | - | | 89.6 | | 75.1 | | 1260 | |
| **GENERAL CHEMISTRY** | | | | | | | | | | | | | | | | | | |
| Cyanide, Total | 27 | 40 | <1 | U | <1 | U | <1.1 | U | <1 | U | - | | <1.1 | U | <1 | U | 0.32 | J |
| Solids, Total | | | 89.9 | | 89.3 | | 87.7 | | 93 | | - | | 88.7 | | 88.7 | | 89.1 | |

Yellow shading - value exceeds Protection of Groundwater SCO (PSGW SCO)
**BOLD** value - reported value exceeds Commercial Soil Cleanup Objective (CSCO)

[1] indicates a PSGW SCO (toluene, ethylbenzene, total xylenes, total PCBs, & mercury)
E - Indicates concentration of analyte exceeded the range of the calibration curve and/or linear range of the instrument.
J - The reported value is estimated; analyte detected above the MDL but below the RL
U - the reported value was not detected at or above the laboratory's MDL
* Indicates SCO for Total (mixed) xylene; no SCOs exist for individual isomers
** A GWSCO for Total Cr does not exist; value represents SCO for hexavalent Cr
*** A CSCO for Cr does not exist; value represents SCO for trivalent Cr

# APPENDIX J

# DATA USABILITY SUMMARY REPORTS

**Data Usability Summary Report**
**August, September, and October 2024 Sampling Events**
**Bisonite Site**
**Tonawanda, New York**
**MEHC Project No. 14-223**

## DATA USABILITY

The Quality Assurance Project Plan ("QAPP") was prepared for this project by Leader Professional Services, Inc. ("LPSI"). The QAPP presents the policies, organization, objectives, functional activities, and specific Quality Assurance ("QA") and Quality Control ("QC") measures designed to achieve the data quality goals associated with this investigation. The QAPP identifies procedures for sample preparation and handling, sample chain-of-custody, laboratory analyses, and reporting that were implemented during this investigation to ensure the accuracy and integrity of the data generated during the investigation.

LPSI conducted the sampling event as part of the Remedial Investigation and Supplemental Investigation activities of the Bisonite Property ("Site") in Tonawanda, New York.

## DATA SUMMARY

The Data Usability Review and Data Validation Compliance Chart has been completed for the laboratory deliverable packages generated by Alpha Analytical ("Alpha"), pertaining to samples collected on the Site on August 19, August 20, August 21, August 22, September 5, September 9, October 9, and October 10, 2024. A total of 27 soil samples and two (2) water (Quality Control) samples were collected during the August, September, and October 2024 sampling event as part of 6 NYCRR Part 375, Environmental Remediation Programs. The following USEPA Methodologies were used to analyze these samples for the following analytes:

| | |
|---|---|
| Volatile Organic Compounds ("VOCs") | USEPA Method 8260 |
| Semi-Volatile Organics ("SVOCs") | USEPA Method 8270D |
| Pesticides/Herbicides | USEPA Method 8081/8151A |
| Polychlorinated Compounds | USEPA Method 8082A |
| Metals | USEPA Method 3050B/6010D |
| Mercury | USEPA Method 7471B |
| Cyanide | USEPA Method 9012B |
| Total Solids | USEPA Method 1684 |

Trip blank, field duplicate, surrogates, internal standards, reference samples, field (equipment) blank, matrix spikes, and matrix spike duplicates, if included, are detailed in the DUSR.

Samples were collected and received on the following schedule

| Sample Data Group ("SDG") | Date Collected | Date Received by Alpha | Sample Matrix | Requested Analyses | Sample Temperature (°C) |
|---|---|---|---|---|---|
| L2447311 | 08/19/2024 | 08/20/2024 | Soils (2 samples) | VOCs 8260<br>SVOCs 8270<br>Pesticides/Herbicides<br>PCBs<br>Metals<br>Mercury<br>Cyanide<br>Total Solids | 3.3°C |
| L2447323 | 08/20/2024 | 08/20/2024 | Soils (2 samples) | | 2.2°C |
| L2447597 | 08/21/2024 | 08/21/2024 | Soils (3 samples) | | 2.8°C |
| L2558023 | 08/22/2024 | 08/22/2024 | Soils (4 samples) | | 2.3°C |
| L2451069 | 09/05/2024 | 09/06/2024 | Soils (5 samples) | | 5.5°C |
| L2451670 | 09/09/2024 | 09/10/2024 | Soils ( sample) | | 2.7°C |
| L2459257 | 10/09/2024<br>10/10/2024 | 10/11/2024 | Soils (10 samples)<br>Water (2 samples) | | 2.8°C – 3.7°C |

Data usability and validation was performed with guidance from the most current editions of the USEPA CLP National Functional Guidelines for Inorganic and Organic Data Review. The following items were reviewed:

- Data Completeness;
- Custody Documentation;
- Holding Times;
- Sample Blanks Review;
- Field Duplicate Samples;
- Matrix Spike Samples and Duplicates; and
- Control Spike/Laboratory Control Samples.

This DUSR provides a Stage 1 data validation which consists of a review of sample results forms, associated sample receipt summaries (chain of custody), and field QC data. It was noted that there were three (3) field sample duplicates but no field matrix spike samples collected for this data set. Matrix spikes were used on the samples provided.

The samples were collected over a three (3) month period and the duplicate samples were collected in the August 20, August 21 and October 9, 2024 sampling events.

Those items showing deficiencies, if any, are discussed in the attached Data Validation Compliance Chart. All others were found to be acceptable as outlined in the above-mentioned usability procedures, and as applicable for the methodology. Unless noted specifically in the following text, reported results are substantiated by the reported data, and generated in compliance with protocol requirements.

In summary, sample preservation, handling, and processing was conducted with compliance to protocol requirements and with adherence to quality criteria and the reported results are considered "usable".

The following sample results are considered "estimated" due to the fact the concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

- ❑ L2459257-01 and -10: The sample was analyzed as a High Level Methanol in order to quantitate results within the calibration range. The results for the following analytes should be

considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis:

- L2459257-01: Toluene
- L2459257-06: Toluene
- L2459257-10: Ethylbenzene, Toluene, m/p-Xylene
- L2459257-11: Ethylbenzene, Toluene, and m/p-Xylene

The Data Validation Compliance Chart is included with this report.

## CUSTODY DOCUMENTATION

Chain of Custody ("COC") forms are used to document the history of sample possession from the time the sample containers leave their point of origin (usually the laboratory performing the analyses) to the time the samples are received by the laboratory. COCs are considered legal documents.

The Alpha laboratory reports with the associated 27 soil samples and 2 QC water samples collected on during the August, September, and October 2024 sample dates are detailed below:

1. L2447311-01 – Base-01-09: August 19, 2024
2. L2447311-02 – Base-02-09: August 19, 2024
3. L2447323-01 – Lagoon-SW-N7: August 20, 2024
4. L2447323-02 - Lagoon-SW-N7-Duplicate: August 20, 2024
5. L2447597-01 – Lagoon-SW-N-7: August 20, 204
6. L2447597-02 – Lagoon-SW-N-7-Duplicate: August 20, 2024
7. L2447597-03 – Base-01-09: August 20, 2024
8. L2448023-01 – Lagoon-SW-NE-7: August 22, 2024
9. L2448023-02 – Lagoon-SW-N2-08: August 22, 2024
10. L2448023-03 – Lagoon-SW-S2-6.5: August 22, 2024
11. L2448023-04 – Base-03-07: August 22, 2024
12. L2451069-01 – Lagoon-SW-N3-8.5: September 5, 2024
13. L2451069-02 – Lagoon-SW-N4-8.5: September 5, 2025
14. L2451069-03 – Lagoon-SW-S3-08: September 5, 2024
15. L2451069-04 – Lagoon-SW-S4-08: September 5, 2024
16. L2451069-05 – Base-04-09: September 5, 2024
17. L2451670 – Lagoon-SW-S5-06: September 9, 2024
18. L2459257-01 – Trench Base @ 6': October 9, 2024
19. L2459257-02 – Trench Base Duplicate @ 6': October 9, 2024
20. L2459257-03 – South Side @ 4'-A: October 9, 2024
21. L2459257-04 – North Side @ 4'-A: October 9, 2024
22. L2459257-05 – South Side @ 4'-B: October 9l 2024
23. L2459257-06 – North Side @ 4'-B : October 9 2024
24. L2459257-07 – Field Blank (soil): October 9, 2024
25. L2459257-08 – Rinse Blank (water): October 9, 2024
26. L2459257-09 – South Side @ 3'-C: October 10, 2024
27. L2459257-10 – North Side @ 3'-C: October 10, 2024
28. L2459257-11 – East Wall @ 3': October 10, 2024
29. L2459257-12 – Trip Blank (water): October 10, 2024

The Chain of Custody ("COC") documents the sample collection efforts. There were no discrepancies on the COC.

## PRESERVATION AND TECHNICAL HOLDING TIMES

The cooler temperatures were below the 6.0°C limit.

All sample holding times were met.

## ACCURACY, PRECISION, AND SENSITIVITY OF ANALYSES

The fundamental QA objective with respect to the accuracy, precision, and sensitivity of analytical data is to achieve the QC acceptance of each analytical protocol. Accuracy and precision are determined using matrix spike ("MS") and matrix spike duplicate ("MSD") samples.

Accuracy is a measure of the difference of a set of analytical results to the accepted or expected values. Accuracy was assessed by using the MS/MSD and surrogate spike recovery data.

Recovery values were reported within the QC limits for each analytical parameter group.

Precision is a measure of the mutual agreement between measurements of the same parameter.

The sample results for the Site are considered "usable".

## COMPLETENESS, REPRESENTATIVENESS, AND COMPARABILITY OF DATA

Completeness is the measure of the amount of valid data obtained from a measurement system compared with the amount expected to be obtained under normal conditions. Review of the analytical data packages provided by Alpha indicates that the requested parameters were analyzed for and reported by the laboratory for each sample submitted under proper chain-of-custody procedures. Based upon MEHC's review of the laboratory data, a usable data level was achieved.

Representativeness of the data is obtained through the design of the sampling program and the adherence to established sample collection procedures, sample-handling SOPs, and analytical procedures. The sampling program outlined in the Work Plan was designed to provide for data representative of site conditions taking into consideration past disposal practices, existing data from past studies, and the physical site setting. Collection of the soil samples were conducted in accordance with established industry and regulatory protocols.

The laboratory maintained all holding times for the specific analytical protocols.

All of the soil samples were analyzed utilizing standardized USEPA methodologies performed in accordance with the latest version of the NYSDEC ASP protocols.

## QUALITY CONTROL CHECKS

### Trip Blanks

Trip blanks are included for aqueous volatile analytes only. Analysis of trip blanks determines whether a sample bottle was contaminated during shipment from the manufacturer, while in bottle storage, in shipment to the laboratory, or during analysis at a laboratory.

The samples were soils, however, there was one (1) trip blank included in the October 2024 sampling event.

**Field (Equipment) Blanks**

There was one (1)Field (equipment) Blank included as part of this project for the October 2024 sampling event. The other sampling events used dedicated sampling equipment to collect each soil sample.

**Method Blanks**

A method blank is a sample of reagent water, which is carried through the analytical procedure alongside the project samples to determine the level of laboratory background and reagent contamination.

For this investigation, a method blank was analyzed alongside the soil samples collected during the August, September, and October 2024 sampling events. With the exceptions noted below and in Data Validation Chart, there were no VOCs, SVOCs, PCBs, Herbicides, Pesticides, Metals, or Cyanide detected in the Method Blank above the Reporting Limits (RL).

- WG1985077-1 Method Blank, associated with L2459257-08, has a concentration above the reporting limit for naphthalene

**Matrix Spike/Matrix Spike Duplicate Samples**

For the Site, there were no field MS/MSD samples collected. The laboratory quality control matrix spike sample results are considered acceptable and were within the control limits.

These results are detailed in the Data Validation Compliance Chart.

**Surrogate Analyses**

Surrogates are compounds added directly to every standard, blank, MS/MSD, and sample at a known concentration, prior to extraction or analysis; and used to evaluate the analytical efficiency by measuring percent recovery of those compounds upon analysis. The laboratory reported surrogate recoveries were within established QC limits for the surrogates with the exception of the following sample.

**OVERALL ASSESSMENT**

As was determined by this evaluation, the laboratory followed the specified analytical methods. Accuracy was acceptable as demonstrated by the surrogate, laboratory control sample/laboratory control samples (LCS), and MS/MSD, % Recovery values, with the exceptions noted in the above narrative.

The sample results for the Site, as qualified, are considered acceptable for use.

PREPARED BY: ME Holvey Consulting, LLC



Mary Ellen Holvey, CIH
Senior Industrial Hygienist

March 6, 2025

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**Data Validation Compliance Chart**
**Bisonite**
**Tonawanda, New York**

**August, September, and October 2024 Sampling Events**

| **Sample Data Group (SDG)** | **L2447311; L2447323; L2447597; L2558023; L2451069; L2451670; L2459257** | | | | |
|---|---|---|---|---|---|
| **Matrix** | **Soils** | | | | |
| **Analysis** | **VOCs 8260** | **SVOCs 8270** | **Metals Mercury** | **Herbicides/Pesticides/ PCBs** | **Cyanide** |
| **Holding Times** | Samples were extracted and analyzed within USEPA holding times | | | | |
| **Sample Preservation** | L2447323-01 and -02: The sample was received in an inappropriate container for the Volatile Organics. At the client's request, the analysis was not performed.<br><br>The remaining samples were collected and preserved in accordance with laboratory protocols. | | | | |
| **Calibration** | VOCs: L2459257-01 and -10: The sample was analyzed as a High Level Methanol in order to quantitate results within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis.<br><br>In the other calibrations, all criteria were within method requirements. | | | | |
| **Method Blanks** | SVOCs: WG1985077-1 Method Blank, associated with L2459257-08, has a concentration above the reporting limit for naphthalene. The sample was re-extracted with the method required holding time exceeded and the method blank was non-detect for this target compound. The results of both extractions are reported. The original sample result is reported with a "B" qualifier.<br><br>All other data quality objectives were satisfied. | | | | |

**Data Validation Compliance Chart**
**Bisonite**
**Tonawanda, New York**

**August, September, and October 2024 Sampling Events**

| **Sample Data Group (SDG)** | **L2447311; L2447323; L2447597; L2558023; L2451069; L2451670; L2459257** | | | | |
|---|---|---|---|---|---|
| **Matrix** | **Soils** | | | | |
| **Analysis** | **VOCs 8260** | **SVOCs 8270** | **Metals Mercury** | **Herbicides/Pesticides/ PCBs** | **Cyanide** |
| **Detection Limits** | Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications. | L2448023-01D, -02D, and -03D: The sample has elevated detection limits due to the dilution required by the sample matrix. | L2447311-01 and -02<br>L2447323-01 and -02<br>L2448023-01 through -04<br>L2451069-01 through -05<br>L2451670-01<br>L2459257-01 through -06, -09,-10, and -11:<br><br>The above-listed samples have elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix. | L2459257-11D: The sample has elevated detection limits due to the dilution required by the sample matrix. | No issues identified. |
| **Matrix Spike/Matrix Spike Duplicate** | The WG1986218-6/-7 MS/MSD recoveries, performed on L2459257-06, are outside the acceptance criteria for toluene. The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample. | All data quality objectives were satisfied | WG1961864-3/-4 MS/MSD recoveries for aluminum, calcium, iron, magnesium, and manganese performed on L2447323-01 and L2459257-06, do not apply because the sample concentrations are greater than four times the spike amounts added.<br><br>WG1961864-3/-4 MS/MSD recoveries, performed on L2447323-01, are outside the acceptance criteria for barium, cobalt, lead, selenium, and zinc. A post digestion spike was performed and was within acceptance criteria. | All data quality objectives were satisfied. | |

**Data Validation Compliance Chart**
**Bisonite**
**Tonawanda, New York**

**August, September, and October 2024 Sampling Events**

| **Sample Data Group (SDG)** | **L2447311; L2447323; L2447597; L2558023; L2451069; L2451670; L2459257** | | | | |
|---|---|---|---|---|---|
| **Matrix** | **Soils** | | | | |
| **Analysis** | **VOCs 8260** | **SVOCs 8270** | **Metals Mercury** | **Herbicides/Pesticides/ PCBs** | **Cyanide** |
| **Matrix Spike/Matrix Spike Duplicate** | | | WG1962894-3 MS recoveries for aluminum, calcium, iron, magnesium, manganese, and zinc, performed on L2448023-01, do not apply because the sample concentrations are greater than four times the spike amounts added.<br><br>WG1962894-3 MS recoveries, performed on L2448023-01, are outside the acceptance criteria for chromium, cobalt, lead, mercury, nickel, and thallium. A post digestion spike was performed and was within acceptance criteria. | | |
| **Surrogates** | L2459257-04; L2459257-05D2; L2459257-11D: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene; however, the sample was not re-analyzed due to coelution with an obvious interference. | All data quality objectives were satisfied. | All data quality objectives were satisfied. | L2459257-11D: The surrogate recoveries are below the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene and decachlorobiphenyl due to the dilution required to quantitate the sample. | All data quality objectives were satisfied. |
| **Internal Standards** | All data quality objectives were satisfied. | | | | |

**Data Validation Compliance Chart**
**Bisonite**
**Tonawanda, New York**

**August, September, and October 2024 Sampling Events**

| **Sample Data Group (SDG)** | **L2447311; L2447323; L2447597; L2558023; L2451069; L2451670; L2459257** | | | | |
|---|---|---|---|---|---|
| **Matrix** | **Soils** | | | | |
| **Analysis** | **VOCs 8260** | **SVOCs 8270** | **Metals Mercury** | **Herbicides/Pesticides/ PCBs** | **Cyanide** |
| **Laboratory Control Sample** | All laboratory internal quality control samples were within acceptable ranges. | | WG1962894-4 Laboratory Duplicate RPDs for chromium, lead, manganese, and zinc, performed on L2448023-01, are outside the acceptance criteria. The elevated RPDs have been attributed to the non-homogeneous nature of the native sample.<br><br>WG1985745-4 Laboratory Duplicate RPDs for iron and manganese, performed on L2459257-08, are above the acceptance criteria; however, the sample and duplicate results are less than five times the reporting limits. Therefore, the RPDs are valid. | All laboratory internal quality control samples were within acceptable ranges. | WG1970455-3 LCSD recovery for cyanide, total, associated with L2451069-01, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. |
| **Data Usability** | The following VOC results are considered "estimated":<br><br>• L2459257-01: Toluene<br>• L2459257-06: Toluene<br>• L2459257-10: Ethylbenzene, Toluene, m/p-Xylene<br>• L2459257-11: Ethylbenzene, Toluene, and m/p-Xylene<br><br>The remaining data is acceptable for use. | | | | |

# APPENDIX K

# CONFIRMATORY AND DOCUMENTATION LABORATORY REPORTS

# ANALYTICAL REPORT

| | |
|---|---|
| Lab Number: | L2441487 |
| Client: | Leader Professional Services, Inc.<br>271 Marsh Road, Suite 2<br>Pittsford, NY 14534 |
| ATTN: | Bruce Ahrens |
| Phone: | (585) 248-2413 |
| Project Name: | BISONITE PAINT CO. |
| Project Number: | 100.002 |
| Report Date: | 08/05/24 |

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2441487
**Report Date:** 08/05/24

| Alpha Sample ID | Client ID | Matrix | Sample Location | Collection Date/Time | Receive Date |
|---|---|---|---|---|---|
| L2441487-01 | LAGOON-SW-01-08 | SOIL | 2266 MILITARY RD, TONAWANDA,NY | 07/22/24 09:15 | 07/23/24 |
| L2441487-02 | TRENCH-01 (1) | SOIL | 2266 MILITARY RD, TONAWANDA,NY | 07/18/24 08:40 | 07/23/24 |
| L2441487-03 | TRENCH-02 (1) | SOIL | 2266 MILITARY RD, TONAWANDA,NY | 07/18/24 08:55 | 07/23/24 |
| L2441487-04 | TRENCH-03 (1) | SOIL | 2266 MILITARY RD, TONAWANDA,NY | 07/18/24 10:00 | 07/23/24 |
| L2441487-05 | TRENCH-04 (1) | SOIL | 2266 MILITARY RD, TONAWANDA,NY | 07/18/24 11:50 | 07/23/24 |
| L2441487-06 | TRENCH-05 (1) | SOIL | 2266 MILITARY RD, TONAWANDA,NY | 07/18/24 12:00 | 07/23/24 |
| L2441487-07 | TRENCH-06 (1) | SOIL | 2266 MILITARY RD, TONAWANDA,NY | 07/18/24 12:20 | 07/23/24 |
| L2441487-08 | TRENCH-07 (1) | SOIL | 2266 MILITARY RD, TONAWANDA,NY | 07/18/24 13:00 | 07/23/24 |
| L2441487-09 | TRENCH-08 (1) | SOIL | 2266 MILITARY RD, TONAWANDA,NY | 07/18/24 13:20 | 07/23/24 |
| L2441487-10 | TRENCH-09 (1) | SOIL | 2266 MILITARY RD, TONAWANDA,NY | 07/18/24 13:40 | 07/23/24 |
| L2441487-11 | TRENCH-10 (1) | SOIL | 2266 MILITARY RD, TONAWANDA,NY | 07/18/24 14:00 | 07/23/24 |
| L2441487-12 | TRENCH-11 (0.5) | SOIL | 2266 MILITARY RD, TONAWANDA,NY | 07/19/24 07:40 | 07/23/24 |
| L2441487-13 | TRENCH-12 (1) | SOIL | 2266 MILITARY RD, TONAWANDA,NY | 07/19/24 08:30 | 07/23/24 |
| L2441487-14 | TRENCH-13 (1) | SOIL | 2266 MILITARY RD, TONAWANDA,NY | 07/19/24 08:55 | 07/23/24 |
| L2441487-15 | TRENCH-14 (1) | SOIL | 2266 MILITARY RD, TONAWANDA,NY | 07/19/24 09:45 | 07/23/24 |
| L2441487-16 | TRENCH-15 (1) | SOIL | 2266 MILITARY RD, TONAWANDA,NY | 07/19/24 10:40 | 07/23/24 |
| L2441487-17 | TRENCH-16 (1) | SOIL | 2266 MILITARY RD, TONAWANDA,NY | 07/19/24 11:30 | 07/23/24 |
| L2441487-18 | TRENCH-17 (1) | SOIL | 2266 MILITARY RD, TONAWANDA,NY | 07/19/24 12:40 | 07/23/24 |

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2441487 |
| **Project Number:** | 100.002 | **Report Date:** | 08/05/24 |

## Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2441487 |
| **Project Number:** | 100.002 | **Report Date:** | 08/05/24 |

**Case Narrative (continued)**

Report Revision

August 05, 2024: The Client IDs were amended on L2441487-02 through -11.

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Semivolatile Organics

L2441487-14 and -15: The sample has elevated detection limits due to the limited sample volume utilized during extraction, as required by the sample matrix.

Total Metals

L2441487-01 through -18 : The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1951061-3 MS recoveries for aluminum (1040%), calcium (259%), iron (2930%), lead (0%), magnesium (217%), and manganese (27%), performed on L2441487-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1951061-3 MS recoveries, performed on L2441487-01, are outside the acceptance criteria for antimony (71%), chromium (32%), thallium (74%), and zinc (56%). A post digestion spike was performed and was within acceptance criteria.

The WG1951062-3 MS recovery, performed on L2441487-01, is outside the acceptance criteria for mercury (66%). A post digestion spike was performed and was within acceptance criteria.

The WG1951061-4 Laboratory Duplicate RPD for lead (107%), performed on L2441487-01, is outside the

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487
**Project Number:** 100.002 **Report Date:** 08/05/24

**Case Narrative (continued)**

acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

The WG1951062-4 Laboratory Duplicate RPD for mercury (70%), performed on L2441487-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative Date: 08/05/24

# ORGANICS

# VOLATILES

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

**SAMPLE RESULTS**

Lab ID: L2441487-01 Date Collected: 07/22/24 09:15
Client ID: LAGOON-SW-01-08 Date Received: 07/23/24
Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/27/24 11:18
Analyst: JIC
Percent Solids: 86%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 6.5 | 3.0 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.3 | 0.19 | 1 |
| Chloroform | ND | | ug/kg | 1.9 | 0.18 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.3 | 0.30 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.3 | 0.16 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.3 | 0.18 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.3 | 0.35 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.65 | 0.25 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.65 | 0.16 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 5.2 | 0.90 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.3 | 0.33 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.65 | 0.22 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.65 | 0.14 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.3 | 0.35 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.65 | 0.20 | 1 |
| Bromoform | ND | | ug/kg | 5.2 | 0.32 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.65 | 0.22 | 1 |
| Benzene | ND | | ug/kg | 0.65 | 0.22 | 1 |
| Toluene | ND | | ug/kg | 1.3 | 0.70 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.3 | 0.18 | 1 |
| Chloromethane | ND | | ug/kg | 5.2 | 1.2 | 1 |
| Bromomethane | ND | | ug/kg | 2.6 | 0.75 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.3 | 0.43 | 1 |
| Chloroethane | ND | | ug/kg | 2.6 | 0.59 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.3 | 0.31 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.9 | 0.18 | 1 |
| Trichloroethene | ND | | ug/kg | 0.65 | 0.18 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.6 | 0.19 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-01 Date Collected: 07/22/24 09:15

Client ID: LAGOON-SW-01-08 Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.6 | 0.19 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.6 | 0.22 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.6 | 0.26 | 1 |
| p/m-Xylene | 1.1 | J | ug/kg | 2.6 | 0.73 | 1 |
| o-Xylene | ND | | ug/kg | 1.3 | 0.38 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.3 | 0.23 | 1 |
| Styrene | ND | | ug/kg | 1.3 | 0.25 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 13 | 1.2 | 1 |
| Acetone | 44 | | ug/kg | 13 | 6.2 | 1 |
| Carbon disulfide | ND | | ug/kg | 13 | 5.9 | 1 |
| 2-Butanone | 7.6 | J | ug/kg | 13 | 2.9 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 13 | 1.7 | 1 |
| 2-Hexanone | ND | | ug/kg | 13 | 1.5 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.6 | 0.27 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.3 | 0.36 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.9 | 1.3 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.3 | 0.14 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.6 | 0.42 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.6 | 0.35 | 1 |
| Methyl Acetate | ND | | ug/kg | 5.2 | 1.2 | 1 |
| Cyclohexane | ND | | ug/kg | 13 | 0.70 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 100 | 46. | 1 |
| Freon-113 | ND | | ug/kg | 5.2 | 0.90 | 1 |
| Methyl cyclohexane | ND | | ug/kg | 5.2 | 0.78 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 96 | | 70-130 |
| Toluene-d8 | 99 | | 70-130 |
| 4-Bromofluorobenzene | 80 | | 70-130 |
| Dibromofluoromethane | 101 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

**SAMPLE RESULTS**

Lab ID: L2441487-02 Date Collected: 07/18/24 08:40
Client ID: TRENCH-01 (1) Date Received: 07/23/24
Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/27/24 11:44
Analyst: JIC
Percent Solids: 79%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 6.0 | 2.8 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.2 | 0.18 | 1 |
| Chloroform | ND | | ug/kg | 1.8 | 0.17 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.2 | 0.28 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.2 | 0.15 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.2 | 0.17 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.2 | 0.32 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.60 | 0.24 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.60 | 0.15 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 4.8 | 0.84 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.2 | 0.31 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.60 | 0.20 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.60 | 0.13 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.2 | 0.33 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.60 | 0.19 | 1 |
| Bromoform | ND | | ug/kg | 4.8 | 0.30 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.60 | 0.20 | 1 |
| Benzene | ND | | ug/kg | 0.60 | 0.20 | 1 |
| Toluene | ND | | ug/kg | 1.2 | 0.66 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.2 | 0.17 | 1 |
| Chloromethane | ND | | ug/kg | 4.8 | 1.1 | 1 |
| Bromomethane | ND | | ug/kg | 2.4 | 0.70 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.2 | 0.40 | 1 |
| Chloroethane | ND | | ug/kg | 2.4 | 0.55 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.2 | 0.29 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.8 | 0.16 | 1 |
| Trichloroethene | ND | | ug/kg | 0.60 | 0.16 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.4 | 0.17 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-02 Date Collected: 07/18/24 08:40

Client ID: TRENCH-01 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.4 | 0.18 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.4 | 0.21 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.4 | 0.24 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.4 | 0.68 | 1 |
| o-Xylene | ND | | ug/kg | 1.2 | 0.35 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.2 | 0.21 | 1 |
| Styrene | ND | | ug/kg | 1.2 | 0.24 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 12 | 1.1 | 1 |
| Acetone | ND | | ug/kg | 12 | 5.8 | 1 |
| Carbon disulfide | ND | | ug/kg | 12 | 5.5 | 1 |
| 2-Butanone | ND | | ug/kg | 12 | 2.7 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 12 | 1.5 | 1 |
| 2-Hexanone | ND | | ug/kg | 12 | 1.4 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.4 | 0.25 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.2 | 0.34 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.6 | 1.2 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.2 | 0.13 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.4 | 0.39 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.4 | 0.33 | 1 |
| Methyl Acetate | ND | | ug/kg | 4.8 | 1.1 | 1 |
| Cyclohexane | ND | | ug/kg | 12 | 0.66 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 97 | 42. | 1 |
| Freon-113 | ND | | ug/kg | 4.8 | 0.84 | 1 |
| Methyl cyclohexane | ND | | ug/kg | 4.8 | 0.73 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 96 | | 70-130 |
| Toluene-d8 | 97 | | 70-130 |
| 4-Bromofluorobenzene | 84 | | 70-130 |
| Dibromofluoromethane | 101 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-03
Client ID: TRENCH-02 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 08:55
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/27/24 12:10
Analyst: JIC
Percent Solids: 80%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 5.9 | 2.7 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.2 | 0.17 | 1 |
| Chloroform | ND | | ug/kg | 1.8 | 0.16 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.2 | 0.27 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.2 | 0.15 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.2 | 0.16 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.2 | 0.31 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.59 | 0.23 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.59 | 0.15 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 4.7 | 0.82 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.2 | 0.30 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.59 | 0.20 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.59 | 0.13 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.2 | 0.32 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.59 | 0.18 | 1 |
| Bromoform | ND | | ug/kg | 4.7 | 0.29 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.59 | 0.20 | 1 |
| Benzene | ND | | ug/kg | 0.59 | 0.20 | 1 |
| Toluene | ND | | ug/kg | 1.2 | 0.64 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.2 | 0.16 | 1 |
| Chloromethane | ND | | ug/kg | 4.7 | 1.1 | 1 |
| Bromomethane | ND | | ug/kg | 2.3 | 0.68 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.2 | 0.39 | 1 |
| Chloroethane | ND | | ug/kg | 2.3 | 0.53 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.2 | 0.28 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.8 | 0.16 | 1 |
| Trichloroethene | ND | | ug/kg | 0.59 | 0.16 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.3 | 0.17 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-03 Date Collected: 07/18/24 08:55

Client ID: TRENCH-02 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.3 | 0.17 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.3 | 0.20 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.3 | 0.24 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.3 | 0.66 | 1 |
| o-Xylene | ND | | ug/kg | 1.2 | 0.34 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.2 | 0.20 | 1 |
| Styrene | ND | | ug/kg | 1.2 | 0.23 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 12 | 1.1 | 1 |
| Acetone | ND | | ug/kg | 12 | 5.6 | 1 |
| Carbon disulfide | ND | | ug/kg | 12 | 5.3 | 1 |
| 2-Butanone | ND | | ug/kg | 12 | 2.6 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 12 | 1.5 | 1 |
| 2-Hexanone | ND | | ug/kg | 12 | 1.4 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.3 | 0.24 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.2 | 0.33 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.5 | 1.2 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.2 | 0.13 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.3 | 0.38 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.3 | 0.32 | 1 |
| Methyl Acetate | ND | | ug/kg | 4.7 | 1.1 | 1 |
| Cyclohexane | ND | | ug/kg | 12 | 0.64 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 94 | 41. | 1 |
| Freon-113 | ND | | ug/kg | 4.7 | 0.81 | 1 |
| Methyl cyclohexane | ND | | ug/kg | 4.7 | 0.71 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 100 | | 70-130 |
| Toluene-d8 | 98 | | 70-130 |
| 4-Bromofluorobenzene | 82 | | 70-130 |
| Dibromofluoromethane | 102 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

**SAMPLE RESULTS**

Lab ID: L2441487-04 Date Collected: 07/18/24 10:00
Client ID: TRENCH-03 (1) Date Received: 07/23/24
Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/27/24 12:36
Analyst: JIC
Percent Solids: 83%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 7.1 | 3.2 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.4 | 0.20 | 1 |
| Chloroform | ND | | ug/kg | 2.1 | 0.20 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.4 | 0.33 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.4 | 0.18 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.4 | 0.20 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.4 | 0.38 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.71 | 0.28 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.71 | 0.18 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 5.7 | 0.98 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.4 | 0.36 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.71 | 0.24 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.71 | 0.15 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.4 | 0.39 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.71 | 0.22 | 1 |
| Bromoform | ND | | ug/kg | 5.7 | 0.35 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.71 | 0.24 | 1 |
| Benzene | ND | | ug/kg | 0.71 | 0.24 | 1 |
| Toluene | ND | | ug/kg | 1.4 | 0.77 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.4 | 0.20 | 1 |
| Chloromethane | ND | | ug/kg | 5.7 | 1.3 | 1 |
| Bromomethane | ND | | ug/kg | 2.8 | 0.82 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.4 | 0.47 | 1 |
| Chloroethane | ND | | ug/kg | 2.8 | 0.64 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.4 | 0.34 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 2.1 | 0.19 | 1 |
| Trichloroethene | ND | | ug/kg | 0.71 | 0.19 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.8 | 0.20 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-04 Date Collected: 07/18/24 10:00

Client ID: TRENCH-03 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.8 | 0.21 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.8 | 0.24 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.8 | 0.28 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.8 | 0.79 | 1 |
| o-Xylene | ND | | ug/kg | 1.4 | 0.41 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.4 | 0.25 | 1 |
| Styrene | ND | | ug/kg | 1.4 | 0.28 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 14 | 1.3 | 1 |
| Acetone | ND | | ug/kg | 14 | 6.8 | 1 |
| Carbon disulfide | ND | | ug/kg | 14 | 6.4 | 1 |
| 2-Butanone | ND | | ug/kg | 14 | 3.1 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 14 | 1.8 | 1 |
| 2-Hexanone | ND | | ug/kg | 14 | 1.7 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.8 | 0.29 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.4 | 0.40 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 4.2 | 1.4 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.4 | 0.15 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.8 | 0.46 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.8 | 0.38 | 1 |
| Methyl Acetate | ND | | ug/kg | 5.7 | 1.3 | 1 |
| Cyclohexane | ND | | ug/kg | 14 | 0.77 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 110 | 50. | 1 |
| Freon-113 | ND | | ug/kg | 5.7 | 0.98 | 1 |
| Methyl cyclohexane | ND | | ug/kg | 5.7 | 0.85 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 95 | | 70-130 |
| Toluene-d8 | 99 | | 70-130 |
| 4-Bromofluorobenzene | 98 | | 70-130 |
| Dibromofluoromethane | 101 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

**SAMPLE RESULTS**

Lab ID: L2441487-05 Date Collected: 07/18/24 11:50
Client ID: TRENCH-04 (1) Date Received: 07/23/24
Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/27/24 13:02
Analyst: JIC
Percent Solids: 84%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 6.4 | 2.9 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.3 | 0.18 | 1 |
| Chloroform | ND | | ug/kg | 1.9 | 0.18 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.3 | 0.29 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.3 | 0.16 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.3 | 0.18 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.3 | 0.34 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.64 | 0.25 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.64 | 0.16 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 5.1 | 0.88 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.3 | 0.33 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.64 | 0.21 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.64 | 0.14 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.3 | 0.35 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.64 | 0.20 | 1 |
| Bromoform | ND | | ug/kg | 5.1 | 0.31 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.64 | 0.21 | 1 |
| Benzene | ND | | ug/kg | 0.64 | 0.21 | 1 |
| Toluene | ND | | ug/kg | 1.3 | 0.69 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.3 | 0.18 | 1 |
| Chloromethane | ND | | ug/kg | 5.1 | 1.2 | 1 |
| Bromomethane | ND | | ug/kg | 2.5 | 0.74 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.3 | 0.42 | 1 |
| Chloroethane | ND | | ug/kg | 2.5 | 0.57 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.3 | 0.30 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.9 | 0.17 | 1 |
| Trichloroethene | ND | | ug/kg | 0.64 | 0.17 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.5 | 0.18 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-05 Date Collected: 07/18/24 11:50

Client ID: TRENCH-04 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.5 | 0.19 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.5 | 0.22 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.5 | 0.26 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.5 | 0.71 | 1 |
| o-Xylene | ND | | ug/kg | 1.3 | 0.37 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.3 | 0.22 | 1 |
| Styrene | ND | | ug/kg | 1.3 | 0.25 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 13 | 1.2 | 1 |
| Acetone | ND | | ug/kg | 13 | 6.1 | 1 |
| Carbon disulfide | ND | | ug/kg | 13 | 5.8 | 1 |
| 2-Butanone | ND | | ug/kg | 13 | 2.8 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 13 | 1.6 | 1 |
| 2-Hexanone | ND | | ug/kg | 13 | 1.5 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.5 | 0.26 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.3 | 0.35 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.8 | 1.3 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.3 | 0.14 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.5 | 0.41 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.5 | 0.34 | 1 |
| Methyl Acetate | ND | | ug/kg | 5.1 | 1.2 | 1 |
| Cyclohexane | ND | | ug/kg | 13 | 0.69 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 100 | 45. | 1 |
| Freon-113 | ND | | ug/kg | 5.1 | 0.88 | 1 |
| Methyl cyclohexane | ND | | ug/kg | 5.1 | 0.77 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 98 | | 70-130 |
| Toluene-d8 | 100 | | 70-130 |
| 4-Bromofluorobenzene | 87 | | 70-130 |
| Dibromofluoromethane | 102 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

**SAMPLE RESULTS**

Lab ID: L2441487-06
Client ID: TRENCH-05 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 12:00
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/27/24 13:28
Analyst: JIC
Percent Solids: 84%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 6.6 | 3.0 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.3 | 0.19 | 1 |
| Chloroform | ND | | ug/kg | 2.0 | 0.19 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.3 | 0.30 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.3 | 0.17 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.3 | 0.19 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.3 | 0.36 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.66 | 0.26 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.66 | 0.17 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 5.3 | 0.92 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.3 | 0.34 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.66 | 0.22 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.66 | 0.14 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.3 | 0.36 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.66 | 0.21 | 1 |
| Bromoform | ND | | ug/kg | 5.3 | 0.33 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.66 | 0.22 | 1 |
| Benzene | ND | | ug/kg | 0.66 | 0.22 | 1 |
| Toluene | ND | | ug/kg | 1.3 | 0.72 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.3 | 0.19 | 1 |
| Chloromethane | ND | | ug/kg | 5.3 | 1.2 | 1 |
| Bromomethane | ND | | ug/kg | 2.6 | 0.77 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.3 | 0.44 | 1 |
| Chloroethane | ND | | ug/kg | 2.6 | 0.60 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.3 | 0.32 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 2.0 | 0.18 | 1 |
| Trichloroethene | ND | | ug/kg | 0.66 | 0.18 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.6 | 0.19 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-06 Date Collected: 07/18/24 12:00

Client ID: TRENCH-05 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.6 | 0.20 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.6 | 0.23 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.6 | 0.27 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.6 | 0.74 | 1 |
| o-Xylene | ND | | ug/kg | 1.3 | 0.39 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.3 | 0.23 | 1 |
| Styrene | ND | | ug/kg | 1.3 | 0.26 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 13 | 1.2 | 1 |
| Acetone | ND | | ug/kg | 13 | 6.4 | 1 |
| Carbon disulfide | ND | | ug/kg | 13 | 6.0 | 1 |
| 2-Butanone | ND | | ug/kg | 13 | 3.0 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 13 | 1.7 | 1 |
| 2-Hexanone | ND | | ug/kg | 13 | 1.6 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.6 | 0.27 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.3 | 0.37 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 4.0 | 1.3 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.3 | 0.14 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.6 | 0.43 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.6 | 0.36 | 1 |
| Methyl Acetate | ND | | ug/kg | 5.3 | 1.3 | 1 |
| Cyclohexane | ND | | ug/kg | 13 | 0.72 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 110 | 47. | 1 |
| Freon-113 | ND | | ug/kg | 5.3 | 0.92 | 1 |
| Methyl cyclohexane | ND | | ug/kg | 5.3 | 0.80 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 96 | | 70-130 |
| Toluene-d8 | 100 | | 70-130 |
| 4-Bromofluorobenzene | 93 | | 70-130 |
| Dibromofluoromethane | 100 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-07
Client ID: TRENCH-06 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 12:20
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/27/24 13:54
Analyst: JIC
Percent Solids: 78%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 6.0 | 2.8 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.2 | 0.17 | 1 |
| Chloroform | ND | | ug/kg | 1.8 | 0.17 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.2 | 0.28 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.2 | 0.15 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.2 | 0.17 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.2 | 0.32 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.60 | 0.24 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.60 | 0.15 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 4.8 | 0.83 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.2 | 0.31 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.60 | 0.20 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.60 | 0.13 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.2 | 0.33 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.60 | 0.19 | 1 |
| Bromoform | ND | | ug/kg | 4.8 | 0.30 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.60 | 0.20 | 1 |
| Benzene | ND | | ug/kg | 0.60 | 0.20 | 1 |
| Toluene | ND | | ug/kg | 1.2 | 0.65 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.2 | 0.17 | 1 |
| Chloromethane | ND | | ug/kg | 4.8 | 1.1 | 1 |
| Bromomethane | ND | | ug/kg | 2.4 | 0.70 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.2 | 0.40 | 1 |
| Chloroethane | ND | | ug/kg | 2.4 | 0.54 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.2 | 0.28 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.8 | 0.16 | 1 |
| Trichloroethene | ND | | ug/kg | 0.60 | 0.16 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.4 | 0.17 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-07 Date Collected: 07/18/24 12:20

Client ID: TRENCH-06 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.4 | 0.18 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.4 | 0.20 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.4 | 0.24 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.4 | 0.67 | 1 |
| o-Xylene | ND | | ug/kg | 1.2 | 0.35 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.2 | 0.21 | 1 |
| Styrene | ND | | ug/kg | 1.2 | 0.24 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 12 | 1.1 | 1 |
| Acetone | ND | | ug/kg | 12 | 5.8 | 1 |
| Carbon disulfide | ND | | ug/kg | 12 | 5.5 | 1 |
| 2-Butanone | ND | | ug/kg | 12 | 2.7 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 12 | 1.5 | 1 |
| 2-Hexanone | ND | | ug/kg | 12 | 1.4 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.4 | 0.25 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.2 | 0.34 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.6 | 1.2 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.2 | 0.13 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.4 | 0.39 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.4 | 0.33 | 1 |
| Methyl Acetate | ND | | ug/kg | 4.8 | 1.1 | 1 |
| Cyclohexane | ND | | ug/kg | 12 | 0.65 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 96 | 42. | 1 |
| Freon-113 | ND | | ug/kg | 4.8 | 0.83 | 1 |
| Methyl cyclohexane | ND | | ug/kg | 4.8 | 0.72 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 101 | | 70-130 |
| Toluene-d8 | 103 | | 70-130 |
| 4-Bromofluorobenzene | 86 | | 70-130 |
| Dibromofluoromethane | 105 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-08
Client ID: TRENCH-07 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 13:00
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/27/24 14:20
Analyst: JIC
Percent Solids: 81%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 8.1 | 3.7 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.6 | 0.23 | 1 |
| Chloroform | ND | | ug/kg | 2.4 | 0.23 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.6 | 0.37 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.6 | 0.20 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.6 | 0.23 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.6 | 0.43 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.81 | 0.32 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.81 | 0.20 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 6.5 | 1.1 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.6 | 0.42 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.81 | 0.27 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.81 | 0.18 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.6 | 0.44 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.81 | 0.26 | 1 |
| Bromoform | ND | | ug/kg | 6.5 | 0.40 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.81 | 0.27 | 1 |
| Benzene | ND | | ug/kg | 0.81 | 0.27 | 1 |
| Toluene | ND | | ug/kg | 1.6 | 0.88 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.6 | 0.23 | 1 |
| Chloromethane | ND | | ug/kg | 6.5 | 1.5 | 1 |
| Bromomethane | ND | | ug/kg | 3.2 | 0.94 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.6 | 0.54 | 1 |
| Chloroethane | ND | | ug/kg | 3.2 | 0.73 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.6 | 0.38 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 2.4 | 0.22 | 1 |
| Trichloroethene | ND | | ug/kg | 0.81 | 0.22 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 3.2 | 0.23 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-08 Date Collected: 07/18/24 13:00

Client ID: TRENCH-07 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 3.2 | 0.24 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 3.2 | 0.28 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 3.2 | 0.32 | 1 |
| p/m-Xylene | ND | | ug/kg | 3.2 | 0.91 | 1 |
| o-Xylene | ND | | ug/kg | 1.6 | 0.47 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.6 | 0.28 | 1 |
| Styrene | ND | | ug/kg | 1.6 | 0.32 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 16 | 1.5 | 1 |
| Acetone | ND | | ug/kg | 16 | 7.8 | 1 |
| Carbon disulfide | ND | | ug/kg | 16 | 7.4 | 1 |
| 2-Butanone | ND | | ug/kg | 16 | 3.6 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 16 | 2.1 | 1 |
| 2-Hexanone | ND | | ug/kg | 16 | 1.9 | 1 |
| Bromochloromethane | ND | | ug/kg | 3.2 | 0.33 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.6 | 0.45 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 4.8 | 1.6 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.6 | 0.18 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 3.2 | 0.52 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 3.2 | 0.44 | 1 |
| Methyl Acetate | ND | | ug/kg | 6.5 | 1.5 | 1 |
| Cyclohexane | ND | | ug/kg | 16 | 0.88 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 130 | 57. | 1 |
| Freon-113 | ND | | ug/kg | 6.5 | 1.1 | 1 |
| Methyl cyclohexane | ND | | ug/kg | 6.5 | 0.98 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 99 | | 70-130 |
| Toluene-d8 | 97 | | 70-130 |
| 4-Bromofluorobenzene | 91 | | 70-130 |
| Dibromofluoromethane | 103 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

**SAMPLE RESULTS**

Lab ID: L2441487-09 Date Collected: 07/18/24 13:20
Client ID: TRENCH-08 (1) Date Received: 07/23/24
Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/27/24 14:46
Analyst: JIC
Percent Solids: 83%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 6.4 | 2.9 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.3 | 0.18 | 1 |
| Chloroform | ND | | ug/kg | 1.9 | 0.18 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.3 | 0.29 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.3 | 0.16 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.3 | 0.18 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.3 | 0.34 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.64 | 0.25 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.64 | 0.16 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 5.1 | 0.88 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.3 | 0.33 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.64 | 0.21 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.64 | 0.14 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.3 | 0.35 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.64 | 0.20 | 1 |
| Bromoform | ND | | ug/kg | 5.1 | 0.31 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.64 | 0.21 | 1 |
| Benzene | ND | | ug/kg | 0.64 | 0.21 | 1 |
| Toluene | ND | | ug/kg | 1.3 | 0.69 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.3 | 0.18 | 1 |
| Chloromethane | ND | | ug/kg | 5.1 | 1.2 | 1 |
| Bromomethane | ND | | ug/kg | 2.5 | 0.74 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.3 | 0.42 | 1 |
| Chloroethane | ND | | ug/kg | 2.5 | 0.57 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.3 | 0.30 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.9 | 0.17 | 1 |
| Trichloroethene | ND | | ug/kg | 0.64 | 0.17 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.5 | 0.18 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-09 Date Collected: 07/18/24 13:20

Client ID: TRENCH-08 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.5 | 0.19 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.5 | 0.22 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.5 | 0.26 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.5 | 0.71 | 1 |
| o-Xylene | ND | | ug/kg | 1.3 | 0.37 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.3 | 0.22 | 1 |
| Styrene | ND | | ug/kg | 1.3 | 0.25 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 13 | 1.2 | 1 |
| Acetone | ND | | ug/kg | 13 | 6.1 | 1 |
| Carbon disulfide | ND | | ug/kg | 13 | 5.8 | 1 |
| 2-Butanone | ND | | ug/kg | 13 | 2.8 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 13 | 1.6 | 1 |
| 2-Hexanone | ND | | ug/kg | 13 | 1.5 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.5 | 0.26 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.3 | 0.35 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.8 | 1.3 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.3 | 0.14 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.5 | 0.41 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.5 | 0.34 | 1 |
| Methyl Acetate | ND | | ug/kg | 5.1 | 1.2 | 1 |
| Cyclohexane | ND | | ug/kg | 13 | 0.69 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 100 | 45. | 1 |
| Freon-113 | ND | | ug/kg | 5.1 | 0.88 | 1 |
| Methyl cyclohexane | ND | | ug/kg | 5.1 | 0.77 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 100 | | 70-130 |
| Toluene-d8 | 87 | | 70-130 |
| 4-Bromofluorobenzene | 85 | | 70-130 |
| Dibromofluoromethane | 119 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

**SAMPLE RESULTS**

Lab ID: L2441487-10
Client ID: TRENCH-09 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 13:40
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/27/24 15:12
Analyst: JIC
Percent Solids: 80%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 4.9 | 2.3 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 0.99 | 0.14 | 1 |
| Chloroform | ND | | ug/kg | 1.5 | 0.14 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 0.99 | 0.23 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 0.99 | 0.12 | 1 |
| Dibromochloromethane | ND | | ug/kg | 0.99 | 0.14 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 0.99 | 0.26 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.49 | 0.19 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.49 | 0.12 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 3.9 | 0.69 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 0.99 | 0.25 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.49 | 0.16 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.49 | 0.11 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 0.99 | 0.27 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.49 | 0.16 | 1 |
| Bromoform | ND | | ug/kg | 3.9 | 0.24 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.49 | 0.16 | 1 |
| Benzene | ND | | ug/kg | 0.49 | 0.16 | 1 |
| Toluene | ND | | ug/kg | 0.99 | 0.54 | 1 |
| Ethylbenzene | ND | | ug/kg | 0.99 | 0.14 | 1 |
| Chloromethane | ND | | ug/kg | 3.9 | 0.92 | 1 |
| Bromomethane | ND | | ug/kg | 2.0 | 0.57 | 1 |
| Vinyl chloride | ND | | ug/kg | 0.99 | 0.33 | 1 |
| Chloroethane | ND | | ug/kg | 2.0 | 0.45 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 0.99 | 0.23 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.5 | 0.14 | 1 |
| Trichloroethene | ND | | ug/kg | 0.49 | 0.14 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.14 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-10 Date Collected: 07/18/24 13:40

Client ID: TRENCH-09 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.15 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.17 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.0 | 0.20 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.0 | 0.55 | 1 |
| o-Xylene | ND | | ug/kg | 0.99 | 0.29 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 0.99 | 0.17 | 1 |
| Styrene | ND | | ug/kg | 0.99 | 0.19 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 9.9 | 0.90 | 1 |
| Acetone | ND | | ug/kg | 9.9 | 4.7 | 1 |
| Carbon disulfide | ND | | ug/kg | 9.9 | 4.5 | 1 |
| 2-Butanone | ND | | ug/kg | 9.9 | 2.2 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 9.9 | 1.3 | 1 |
| 2-Hexanone | ND | | ug/kg | 9.9 | 1.2 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.0 | 0.20 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 0.99 | 0.28 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.0 | 0.98 | 1 |
| Isopropylbenzene | ND | | ug/kg | 0.99 | 0.11 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.32 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.27 | 1 |
| Methyl Acetate | ND | | ug/kg | 3.9 | 0.94 | 1 |
| Cyclohexane | ND | | ug/kg | 9.9 | 0.54 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 79 | 35. | 1 |
| Freon-113 | ND | | ug/kg | 3.9 | 0.68 | 1 |
| Methyl cyclohexane | ND | | ug/kg | 3.9 | 0.60 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 99 | | 70-130 |
| Toluene-d8 | 100 | | 70-130 |
| 4-Bromofluorobenzene | 83 | | 70-130 |
| Dibromofluoromethane | 104 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

**SAMPLE RESULTS**

Lab ID: L2441487-11 Date Collected: 07/18/24 14:00
Client ID: TRENCH-10 (1) Date Received: 07/23/24
Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/27/24 15:38
Analyst: JIC
Percent Solids: 79%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 5.9 | 2.7 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.2 | 0.17 | 1 |
| Chloroform | ND | | ug/kg | 1.8 | 0.16 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.2 | 0.27 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.2 | 0.15 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.2 | 0.16 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.2 | 0.31 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.59 | 0.23 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.59 | 0.15 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 4.7 | 0.82 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.2 | 0.30 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.59 | 0.20 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.59 | 0.13 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.2 | 0.32 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.59 | 0.18 | 1 |
| Bromoform | ND | | ug/kg | 4.7 | 0.29 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.59 | 0.20 | 1 |
| Benzene | ND | | ug/kg | 0.59 | 0.20 | 1 |
| Toluene | ND | | ug/kg | 1.2 | 0.64 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.2 | 0.16 | 1 |
| Chloromethane | ND | | ug/kg | 4.7 | 1.1 | 1 |
| Bromomethane | ND | | ug/kg | 2.4 | 0.68 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.2 | 0.39 | 1 |
| Chloroethane | ND | | ug/kg | 2.4 | 0.53 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.2 | 0.28 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.8 | 0.16 | 1 |
| Trichloroethene | ND | | ug/kg | 0.59 | 0.16 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.4 | 0.17 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-11 Date Collected: 07/18/24 14:00

Client ID: TRENCH-10 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.4 | 0.17 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.4 | 0.20 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.4 | 0.24 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.4 | 0.66 | 1 |
| o-Xylene | ND | | ug/kg | 1.2 | 0.34 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.2 | 0.21 | 1 |
| Styrene | ND | | ug/kg | 1.2 | 0.23 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 12 | 1.1 | 1 |
| Acetone | ND | | ug/kg | 12 | 5.7 | 1 |
| Carbon disulfide | ND | | ug/kg | 12 | 5.4 | 1 |
| 2-Butanone | ND | | ug/kg | 12 | 2.6 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 12 | 1.5 | 1 |
| 2-Hexanone | ND | | ug/kg | 12 | 1.4 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.4 | 0.24 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.2 | 0.33 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.5 | 1.2 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.2 | 0.13 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.4 | 0.38 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.4 | 0.32 | 1 |
| Methyl Acetate | ND | | ug/kg | 4.7 | 1.1 | 1 |
| Cyclohexane | ND | | ug/kg | 12 | 0.64 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 94 | 41. | 1 |
| Freon-113 | ND | | ug/kg | 4.7 | 0.82 | 1 |
| Methyl cyclohexane | ND | | ug/kg | 4.7 | 0.71 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 96 | | 70-130 |
| Toluene-d8 | 99 | | 70-130 |
| 4-Bromofluorobenzene | 91 | | 70-130 |
| Dibromofluoromethane | 102 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

**SAMPLE RESULTS**

Lab ID: L2441487-12
Client ID: TRENCH-11 (0.5)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 07:40
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/27/24 16:04
Analyst: JIC
Percent Solids: 88%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 6.2 | 2.8 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.2 | 0.18 | 1 |
| Chloroform | ND | | ug/kg | 1.8 | 0.17 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.2 | 0.28 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.2 | 0.15 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.2 | 0.17 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.2 | 0.33 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.62 | 0.24 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.62 | 0.16 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 5.0 | 0.86 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.2 | 0.32 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.62 | 0.21 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.62 | 0.13 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.2 | 0.34 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.62 | 0.20 | 1 |
| Bromoform | ND | | ug/kg | 5.0 | 0.30 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.62 | 0.20 | 1 |
| Benzene | ND | | ug/kg | 0.62 | 0.20 | 1 |
| Toluene | ND | | ug/kg | 1.2 | 0.67 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.2 | 0.17 | 1 |
| Chloromethane | ND | | ug/kg | 5.0 | 1.2 | 1 |
| Bromomethane | ND | | ug/kg | 2.5 | 0.72 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.2 | 0.41 | 1 |
| Chloroethane | ND | | ug/kg | 2.5 | 0.56 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.2 | 0.29 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.8 | 0.17 | 1 |
| Trichloroethene | ND | | ug/kg | 0.62 | 0.17 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.5 | 0.18 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-12 Date Collected: 07/19/24 07:40

Client ID: TRENCH-11 (0.5) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.5 | 0.18 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.5 | 0.21 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.5 | 0.25 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.5 | 0.69 | 1 |
| o-Xylene | ND | | ug/kg | 1.2 | 0.36 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.2 | 0.22 | 1 |
| Styrene | ND | | ug/kg | 1.2 | 0.24 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 12 | 1.1 | 1 |
| Acetone | ND | | ug/kg | 12 | 6.0 | 1 |
| Carbon disulfide | ND | | ug/kg | 12 | 5.6 | 1 |
| 2-Butanone | ND | | ug/kg | 12 | 2.7 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 12 | 1.6 | 1 |
| 2-Hexanone | ND | | ug/kg | 12 | 1.5 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.5 | 0.25 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.2 | 0.34 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.7 | 1.2 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.2 | 0.13 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.5 | 0.40 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.5 | 0.34 | 1 |
| Methyl Acetate | ND | | ug/kg | 5.0 | 1.2 | 1 |
| Cyclohexane | ND | | ug/kg | 12 | 0.67 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 99 | 43. | 1 |
| Freon-113 | ND | | ug/kg | 5.0 | 0.86 | 1 |
| Methyl cyclohexane | ND | | ug/kg | 5.0 | 0.75 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 98 | | 70-130 |
| Toluene-d8 | 115 | | 70-130 |
| 4-Bromofluorobenzene | 87 | | 70-130 |
| Dibromofluoromethane | 102 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

**SAMPLE RESULTS**

Lab ID: L2441487-13 Date Collected: 07/19/24 08:30
Client ID: TRENCH-12 (1) Date Received: 07/23/24
Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/27/24 16:30
Analyst: JIC
Percent Solids: 91%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 4.4 | 2.0 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 0.88 | 0.13 | 1 |
| Chloroform | ND | | ug/kg | 1.3 | 0.12 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 0.88 | 0.20 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 0.88 | 0.11 | 1 |
| Dibromochloromethane | ND | | ug/kg | 0.88 | 0.12 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 0.88 | 0.23 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.44 | 0.17 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.44 | 0.11 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 3.5 | 0.61 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 0.88 | 0.23 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.44 | 0.15 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.44 | 0.10 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 0.88 | 0.24 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.44 | 0.14 | 1 |
| Bromoform | ND | | ug/kg | 3.5 | 0.22 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.44 | 0.15 | 1 |
| Benzene | ND | | ug/kg | 0.44 | 0.15 | 1 |
| Toluene | ND | | ug/kg | 0.88 | 0.48 | 1 |
| Ethylbenzene | ND | | ug/kg | 0.88 | 0.12 | 1 |
| Chloromethane | ND | | ug/kg | 3.5 | 0.82 | 1 |
| Bromomethane | ND | | ug/kg | 1.8 | 0.51 | 1 |
| Vinyl chloride | ND | | ug/kg | 0.88 | 0.29 | 1 |
| Chloroethane | ND | | ug/kg | 1.8 | 0.40 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 0.88 | 0.21 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.3 | 0.12 | 1 |
| Trichloroethene | ND | | ug/kg | 0.44 | 0.12 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 1.8 | 0.13 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-13 Date Collected: 07/19/24 08:30

Client ID: TRENCH-12 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 1.8 | 0.13 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 1.8 | 0.15 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 1.8 | 0.18 | 1 |
| p/m-Xylene | ND | | ug/kg | 1.8 | 0.49 | 1 |
| o-Xylene | ND | | ug/kg | 0.88 | 0.26 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 0.88 | 0.15 | 1 |
| Styrene | ND | | ug/kg | 0.88 | 0.17 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 8.8 | 0.80 | 1 |
| Acetone | ND | | ug/kg | 8.8 | 4.2 | 1 |
| Carbon disulfide | ND | | ug/kg | 8.8 | 4.0 | 1 |
| 2-Butanone | ND | | ug/kg | 8.8 | 2.0 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 8.8 | 1.1 | 1 |
| 2-Hexanone | ND | | ug/kg | 8.8 | 1.0 | 1 |
| Bromochloromethane | ND | | ug/kg | 1.8 | 0.18 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 0.88 | 0.24 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 2.6 | 0.88 | 1 |
| Isopropylbenzene | ND | | ug/kg | 0.88 | 0.10 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 1.8 | 0.28 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 1.8 | 0.24 | 1 |
| Methyl Acetate | ND | | ug/kg | 3.5 | 0.84 | 1 |
| Cyclohexane | ND | | ug/kg | 8.8 | 0.48 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 70 | 31. | 1 |
| Freon-113 | ND | | ug/kg | 3.5 | 0.61 | 1 |
| Methyl cyclohexane | ND | | ug/kg | 3.5 | 0.53 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 97 | | 70-130 |
| Toluene-d8 | 98 | | 70-130 |
| 4-Bromofluorobenzene | 85 | | 70-130 |
| Dibromofluoromethane | 100 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

**SAMPLE RESULTS**

Lab ID: L2441487-14
Client ID: TRENCH-13 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 08:55
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/27/24 16:56
Analyst: JIC
Percent Solids: 78%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 6.2 | 2.8 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.2 | 0.18 | 1 |
| Chloroform | ND | | ug/kg | 1.9 | 0.17 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.2 | 0.28 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.2 | 0.16 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.2 | 0.17 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.2 | 0.33 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.62 | 0.24 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.62 | 0.16 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 5.0 | 0.86 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.2 | 0.32 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.62 | 0.21 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.62 | 0.14 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.2 | 0.34 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.62 | 0.20 | 1 |
| Bromoform | ND | | ug/kg | 5.0 | 0.30 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.62 | 0.21 | 1 |
| Benzene | ND | | ug/kg | 0.62 | 0.21 | 1 |
| Toluene | ND | | ug/kg | 1.2 | 0.68 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.2 | 0.18 | 1 |
| Chloromethane | ND | | ug/kg | 5.0 | 1.2 | 1 |
| Bromomethane | ND | | ug/kg | 2.5 | 0.72 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.2 | 0.42 | 1 |
| Chloroethane | ND | | ug/kg | 2.5 | 0.56 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.2 | 0.30 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.9 | 0.17 | 1 |
| Trichloroethene | ND | | ug/kg | 0.62 | 0.17 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.5 | 0.18 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-14 Date Collected: 07/19/24 08:55

Client ID: TRENCH-13 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.5 | 0.18 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.5 | 0.21 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.5 | 0.25 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.5 | 0.70 | 1 |
| o-Xylene | ND | | ug/kg | 1.2 | 0.36 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.2 | 0.22 | 1 |
| Styrene | ND | | ug/kg | 1.2 | 0.24 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 12 | 1.1 | 1 |
| Acetone | ND | | ug/kg | 12 | 6.0 | 1 |
| Carbon disulfide | ND | | ug/kg | 12 | 5.6 | 1 |
| 2-Butanone | ND | | ug/kg | 12 | 2.8 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 12 | 1.6 | 1 |
| 2-Hexanone | ND | | ug/kg | 12 | 1.5 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.5 | 0.25 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.2 | 0.35 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.7 | 1.2 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.2 | 0.14 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.5 | 0.40 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.5 | 0.34 | 1 |
| Methyl Acetate | ND | | ug/kg | 5.0 | 1.2 | 1 |
| Cyclohexane | ND | | ug/kg | 12 | 0.68 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 99 | 44. | 1 |
| Freon-113 | ND | | ug/kg | 5.0 | 0.86 | 1 |
| Methyl cyclohexane | ND | | ug/kg | 5.0 | 0.75 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 99 | | 70-130 |
| Toluene-d8 | 103 | | 70-130 |
| 4-Bromofluorobenzene | 111 | | 70-130 |
| Dibromofluoromethane | 104 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

**SAMPLE RESULTS**

Lab ID: L2441487-15 Date Collected: 07/19/24 09:45
Client ID: TRENCH-14 (1) Date Received: 07/23/24
Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/27/24 17:22
Analyst: JIC
Percent Solids: 59%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 8.7 | 4.0 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.7 | 0.25 | 1 |
| Chloroform | ND | | ug/kg | 2.6 | 0.24 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.7 | 0.40 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.7 | 0.22 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.7 | 0.24 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.7 | 0.46 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.87 | 0.34 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.87 | 0.22 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 7.0 | 1.2 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.7 | 0.45 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.87 | 0.29 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.87 | 0.19 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.7 | 0.48 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.87 | 0.28 | 1 |
| Bromoform | ND | | ug/kg | 7.0 | 0.43 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.87 | 0.29 | 1 |
| Benzene | ND | | ug/kg | 0.87 | 0.29 | 1 |
| Toluene | ND | | ug/kg | 1.7 | 0.95 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.7 | 0.25 | 1 |
| Chloromethane | ND | | ug/kg | 7.0 | 1.6 | 1 |
| Bromomethane | ND | | ug/kg | 3.5 | 1.0 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.7 | 0.58 | 1 |
| Chloroethane | ND | | ug/kg | 3.5 | 0.79 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.7 | 0.42 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 2.6 | 0.24 | 1 |
| Trichloroethene | ND | | ug/kg | 0.87 | 0.24 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 3.5 | 0.25 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-15 Date Collected: 07/19/24 09:45

Client ID: TRENCH-14 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 3.5 | 0.26 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 3.5 | 0.30 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 3.5 | 0.35 | 1 |
| p/m-Xylene | ND | | ug/kg | 3.5 | 0.98 | 1 |
| o-Xylene | ND | | ug/kg | 1.7 | 0.51 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.7 | 0.30 | 1 |
| Styrene | ND | | ug/kg | 1.7 | 0.34 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 17 | 1.6 | 1 |
| Acetone | ND | | ug/kg | 17 | 8.4 | 1 |
| Carbon disulfide | ND | | ug/kg | 17 | 7.9 | 1 |
| 2-Butanone | ND | | ug/kg | 17 | 3.9 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 17 | 2.2 | 1 |
| 2-Hexanone | ND | | ug/kg | 17 | 2.0 | 1 |
| Bromochloromethane | ND | | ug/kg | 3.5 | 0.36 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.7 | 0.49 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 5.2 | 1.7 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.7 | 0.19 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 3.5 | 0.56 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 3.5 | 0.47 | 1 |
| Methyl Acetate | ND | | ug/kg | 7.0 | 1.6 | 1 |
| Cyclohexane | ND | | ug/kg | 17 | 0.95 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 140 | 61. | 1 |
| Freon-113 | ND | | ug/kg | 7.0 | 1.2 | 1 |
| Methyl cyclohexane | ND | | ug/kg | 7.0 | 1.0 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 108 | | 70-130 |
| Toluene-d8 | 97 | | 70-130 |
| 4-Bromofluorobenzene | 80 | | 70-130 |
| Dibromofluoromethane | 129 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

**SAMPLE RESULTS**

Lab ID: L2441487-16 Date Collected: 07/19/24 10:40
Client ID: TRENCH-15 (1) Date Received: 07/23/24
Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/27/24 17:49
Analyst: JIC
Percent Solids: 72%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 5.5 | 2.5 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.1 | 0.16 | 1 |
| Chloroform | ND | | ug/kg | 1.6 | 0.15 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.1 | 0.25 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.1 | 0.14 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.1 | 0.15 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.1 | 0.29 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.55 | 0.22 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.55 | 0.14 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 4.4 | 0.76 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.1 | 0.28 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.55 | 0.18 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.55 | 0.12 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.1 | 0.30 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.55 | 0.17 | 1 |
| Bromoform | ND | | ug/kg | 4.4 | 0.27 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.55 | 0.18 | 1 |
| Benzene | ND | | ug/kg | 0.55 | 0.18 | 1 |
| Toluene | ND | | ug/kg | 1.1 | 0.60 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.1 | 0.15 | 1 |
| Chloromethane | ND | | ug/kg | 4.4 | 1.0 | 1 |
| Bromomethane | ND | | ug/kg | 2.2 | 0.64 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.1 | 0.37 | 1 |
| Chloroethane | ND | | ug/kg | 2.2 | 0.50 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.1 | 0.26 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.6 | 0.15 | 1 |
| Trichloroethene | ND | | ug/kg | 0.55 | 0.15 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.2 | 0.16 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-16 Date Collected: 07/19/24 10:40

Client ID: TRENCH-15 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.2 | 0.16 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.2 | 0.19 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.2 | 0.22 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.2 | 0.61 | 1 |
| o-Xylene | ND | | ug/kg | 1.1 | 0.32 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.1 | 0.19 | 1 |
| Styrene | ND | | ug/kg | 1.1 | 0.22 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 11 | 1.0 | 1 |
| Acetone | ND | | ug/kg | 11 | 5.3 | 1 |
| Carbon disulfide | ND | | ug/kg | 11 | 5.0 | 1 |
| 2-Butanone | ND | | ug/kg | 11 | 2.4 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 11 | 1.4 | 1 |
| 2-Hexanone | ND | | ug/kg | 11 | 1.3 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.2 | 0.22 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.1 | 0.31 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.3 | 1.1 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.1 | 0.12 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.2 | 0.35 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.2 | 0.30 | 1 |
| Methyl Acetate | ND | | ug/kg | 4.4 | 1.0 | 1 |
| Cyclohexane | ND | | ug/kg | 11 | 0.60 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 88 | 38. | 1 |
| Freon-113 | ND | | ug/kg | 4.4 | 0.76 | 1 |
| Methyl cyclohexane | ND | | ug/kg | 4.4 | 0.66 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 103 | | 70-130 |
| Toluene-d8 | 97 | | 70-130 |
| 4-Bromofluorobenzene | 114 | | 70-130 |
| Dibromofluoromethane | 107 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

**SAMPLE RESULTS**

Lab ID: L2441487-17
Client ID: TRENCH-16 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 11:30
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/27/24 18:15
Analyst: JIC
Percent Solids: 88%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 7.0 | 3.2 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.4 | 0.20 | 1 |
| Chloroform | ND | | ug/kg | 2.1 | 0.20 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.4 | 0.32 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.4 | 0.18 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.4 | 0.20 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.4 | 0.37 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.70 | 0.28 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.70 | 0.18 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 5.6 | 0.98 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.4 | 0.36 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.70 | 0.23 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.70 | 0.15 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.4 | 0.38 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.70 | 0.22 | 1 |
| Bromoform | ND | | ug/kg | 5.6 | 0.34 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.70 | 0.23 | 1 |
| Benzene | ND | | ug/kg | 0.70 | 0.23 | 1 |
| Toluene | ND | | ug/kg | 1.4 | 0.76 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.4 | 0.20 | 1 |
| Chloromethane | ND | | ug/kg | 5.6 | 1.3 | 1 |
| Bromomethane | ND | | ug/kg | 2.8 | 0.82 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.4 | 0.47 | 1 |
| Chloroethane | ND | | ug/kg | 2.8 | 0.63 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.4 | 0.33 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 2.1 | 0.19 | 1 |
| Trichloroethene | ND | | ug/kg | 0.70 | 0.19 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.8 | 0.20 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-17 Date Collected: 07/19/24 11:30

Client ID: TRENCH-16 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.8 | 0.21 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.8 | 0.24 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.8 | 0.28 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.8 | 0.79 | 1 |
| o-Xylene | ND | | ug/kg | 1.4 | 0.41 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.4 | 0.24 | 1 |
| Styrene | ND | | ug/kg | 1.4 | 0.28 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 14 | 1.3 | 1 |
| Acetone | ND | | ug/kg | 14 | 6.8 | 1 |
| Carbon disulfide | ND | | ug/kg | 14 | 6.4 | 1 |
| 2-Butanone | ND | | ug/kg | 14 | 3.1 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 14 | 1.8 | 1 |
| 2-Hexanone | ND | | ug/kg | 14 | 1.6 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.8 | 0.29 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.4 | 0.39 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 4.2 | 1.4 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.4 | 0.15 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.8 | 0.45 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.8 | 0.38 | 1 |
| Methyl Acetate | ND | | ug/kg | 5.6 | 1.3 | 1 |
| Cyclohexane | ND | | ug/kg | 14 | 0.76 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 110 | 49. | 1 |
| Freon-113 | ND | | ug/kg | 5.6 | 0.97 | 1 |
| Methyl cyclohexane | ND | | ug/kg | 5.6 | 0.85 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 104 | | 70-130 |
| Toluene-d8 | 98 | | 70-130 |
| 4-Bromofluorobenzene | 100 | | 70-130 |
| Dibromofluoromethane | 106 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

**SAMPLE RESULTS**

Lab ID: L2441487-18 Date Collected: 07/19/24 12:40
Client ID: TRENCH-17 (1) Date Received: 07/23/24
Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/27/24 18:41
Analyst: JIC
Percent Solids: 92%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 5.4 | 2.5 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.1 | 0.16 | 1 |
| Chloroform | ND | | ug/kg | 1.6 | 0.15 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.1 | 0.25 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.1 | 0.14 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.1 | 0.15 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.1 | 0.29 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.54 | 0.21 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.54 | 0.14 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 4.3 | 0.75 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.1 | 0.28 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.54 | 0.18 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.54 | 0.12 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.1 | 0.30 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.54 | 0.17 | 1 |
| Bromoform | ND | | ug/kg | 4.3 | 0.27 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.54 | 0.18 | 1 |
| Benzene | ND | | ug/kg | 0.54 | 0.18 | 1 |
| Toluene | ND | | ug/kg | 1.1 | 0.59 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.1 | 0.15 | 1 |
| Chloromethane | ND | | ug/kg | 4.3 | 1.0 | 1 |
| Bromomethane | ND | | ug/kg | 2.2 | 0.63 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.1 | 0.36 | 1 |
| Chloroethane | ND | | ug/kg | 2.2 | 0.49 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.1 | 0.26 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.6 | 0.15 | 1 |
| Trichloroethene | ND | | ug/kg | 0.54 | 0.15 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.2 | 0.16 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-18 Date Collected: 07/19/24 12:40

Client ID: TRENCH-17 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.2 | 0.16 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.2 | 0.18 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.2 | 0.22 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.2 | 0.60 | 1 |
| o-Xylene | ND | | ug/kg | 1.1 | 0.31 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.1 | 0.19 | 1 |
| Styrene | ND | | ug/kg | 1.1 | 0.21 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 11 | 0.99 | 1 |
| Acetone | ND | | ug/kg | 11 | 5.2 | 1 |
| Carbon disulfide | ND | | ug/kg | 11 | 4.9 | 1 |
| 2-Butanone | ND | | ug/kg | 11 | 2.4 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 11 | 1.4 | 1 |
| 2-Hexanone | ND | | ug/kg | 11 | 1.3 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.2 | 0.22 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.1 | 0.30 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.2 | 1.1 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.1 | 0.12 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.2 | 0.35 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.2 | 0.29 | 1 |
| Methyl Acetate | ND | | ug/kg | 4.3 | 1.0 | 1 |
| Cyclohexane | ND | | ug/kg | 11 | 0.59 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 86 | 38. | 1 |
| Freon-113 | ND | | ug/kg | 4.3 | 0.75 | 1 |
| Methyl cyclohexane | ND | | ug/kg | 4.3 | 0.65 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 102 | | 70-130 |
| Toluene-d8 | 102 | | 70-130 |
| 4-Bromofluorobenzene | 86 | | 70-130 |
| Dibromofluoromethane | 105 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/27/24 10:52
Analyst: LAC

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-18 Batch: WG1952635-5 | | | | | |
| Methylene chloride | ND | | ug/kg | 5.0 | 2.3 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.0 | 0.14 |
| Chloroform | ND | | ug/kg | 1.5 | 0.14 |
| Carbon tetrachloride | ND | | ug/kg | 1.0 | 0.23 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.0 | 0.12 |
| Dibromochloromethane | ND | | ug/kg | 1.0 | 0.14 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.0 | 0.27 |
| Tetrachloroethene | ND | | ug/kg | 0.50 | 0.20 |
| Chlorobenzene | ND | | ug/kg | 0.50 | 0.13 |
| Trichlorofluoromethane | ND | | ug/kg | 4.0 | 0.70 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.0 | 0.26 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.50 | 0.17 |
| Bromodichloromethane | ND | | ug/kg | 0.50 | 0.11 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.0 | 0.27 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.50 | 0.16 |
| Bromoform | ND | | ug/kg | 4.0 | 0.25 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.50 | 0.17 |
| Benzene | ND | | ug/kg | 0.50 | 0.17 |
| Toluene | ND | | ug/kg | 1.0 | 0.54 |
| Ethylbenzene | ND | | ug/kg | 1.0 | 0.14 |
| Chloromethane | ND | | ug/kg | 4.0 | 0.93 |
| Bromomethane | ND | | ug/kg | 2.0 | 0.58 |
| Vinyl chloride | ND | | ug/kg | 1.0 | 0.34 |
| Chloroethane | ND | | ug/kg | 2.0 | 0.45 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.0 | 0.24 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.5 | 0.14 |
| Trichloroethene | ND | | ug/kg | 0.50 | 0.14 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.14 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.15 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/27/24 10:52
Analyst: LAC

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-18 Batch: WG1952635-5 | | | | | |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.17 |
| Methyl tert butyl ether | ND | | ug/kg | 2.0 | 0.20 |
| p/m-Xylene | ND | | ug/kg | 2.0 | 0.56 |
| o-Xylene | ND | | ug/kg | 1.0 | 0.29 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.0 | 0.18 |
| Styrene | ND | | ug/kg | 1.0 | 0.20 |
| Dichlorodifluoromethane | ND | | ug/kg | 10 | 0.92 |
| Acetone | ND | | ug/kg | 10 | 4.8 |
| Carbon disulfide | ND | | ug/kg | 10 | 4.6 |
| 2-Butanone | ND | | ug/kg | 10 | 2.2 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 10 | 1.3 |
| 2-Hexanone | ND | | ug/kg | 10 | 1.2 |
| Bromochloromethane | ND | | ug/kg | 2.0 | 0.20 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.0 | 0.28 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.0 | 1.0 |
| Isopropylbenzene | ND | | ug/kg | 1.0 | 0.11 |
| 1,2,3-Trichlorobenzene | 0.53 | J | ug/kg | 2.0 | 0.32 |
| 1,2,4-Trichlorobenzene | 0.40 | J | ug/kg | 2.0 | 0.27 |
| Methyl Acetate | ND | | ug/kg | 4.0 | 0.95 |
| Cyclohexane | ND | | ug/kg | 10 | 0.54 |
| 1,4-Dioxane | ND | | ug/kg | 80 | 35. |
| Freon-113 | ND | | ug/kg | 4.0 | 0.69 |
| Methyl cyclohexane | ND | | ug/kg | 4.0 | 0.60 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/27/24 10:52
Analyst: LAC

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-18 Batch: WG1952635-5 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 94 | | 70-130 |
| Toluene-d8 | 96 | | 70-130 |
| 4-Bromofluorobenzene | 88 | | 70-130 |
| Dibromofluoromethane | 99 | | 70-130 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2441487
**Report Date:** 08/05/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-18 Batch: WG1952635-3 WG1952635-4 | | | | | | | | |
| Methylene chloride | 87 | | 93 | | 70-130 | 7 | | 30 |
| 1,1-Dichloroethane | 90 | | 100 | | 70-130 | 11 | | 30 |
| Chloroform | 86 | | 91 | | 70-130 | 6 | | 30 |
| Carbon tetrachloride | 79 | | 88 | | 70-130 | 11 | | 30 |
| 1,2-Dichloropropane | 94 | | 102 | | 70-130 | 8 | | 30 |
| Dibromochloromethane | 94 | | 105 | | 70-130 | 11 | | 30 |
| 1,1,2-Trichloroethane | 90 | | 98 | | 70-130 | 9 | | 30 |
| Tetrachloroethene | 93 | | 119 | | 70-130 | 25 | | 30 |
| Chlorobenzene | 95 | | 107 | | 70-130 | 12 | | 30 |
| Trichlorofluoromethane | 76 | | 86 | | 70-139 | 12 | | 30 |
| 1,2-Dichloroethane | 86 | | 92 | | 70-130 | 7 | | 30 |
| 1,1,1-Trichloroethane | 84 | | 96 | | 70-130 | 13 | | 30 |
| Bromodichloromethane | 86 | | 94 | | 70-130 | 9 | | 30 |
| trans-1,3-Dichloropropene | 96 | | 116 | | 70-130 | 19 | | 30 |
| cis-1,3-Dichloropropene | 93 | | 101 | | 70-130 | 8 | | 30 |
| Bromoform | 87 | | 105 | | 70-130 | 19 | | 30 |
| 1,1,2,2-Tetrachloroethane | 94 | | 113 | | 70-130 | 18 | | 30 |
| Benzene | 93 | | 104 | | 70-130 | 11 | | 30 |
| Toluene | 95 | | 122 | | 70-130 | 25 | | 30 |
| Ethylbenzene | 89 | | 106 | | 70-130 | 17 | | 30 |
| Chloromethane | 63 | | 71 | | 52-130 | 12 | | 30 |
| Bromomethane | 107 | | 112 | | 57-147 | 5 | | 30 |
| Vinyl chloride | 84 | | 91 | | 67-130 | 8 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2441487

**Report Date:** 08/05/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-18 Batch: WG1952635-3 WG1952635-4 | | | | | | | | |
| Chloroethane | 97 | | 100 | | 50-151 | 3 | | 30 |
| 1,1-Dichloroethene | 85 | | 96 | | 65-135 | 12 | | 30 |
| trans-1,2-Dichloroethene | 87 | | 99 | | 70-130 | 13 | | 30 |
| Trichloroethene | 85 | | 97 | | 70-130 | 13 | | 30 |
| 1,2-Dichlorobenzene | 100 | | 116 | | 70-130 | 15 | | 30 |
| 1,3-Dichlorobenzene | 100 | | 109 | | 70-130 | 9 | | 30 |
| 1,4-Dichlorobenzene | 100 | | 109 | | 70-130 | 9 | | 30 |
| Methyl tert butyl ether | 103 | | 109 | | 66-130 | 6 | | 30 |
| p/m-Xylene | 91 | | 112 | | 70-130 | 21 | | 30 |
| o-Xylene | 88 | | 98 | | 70-130 | 11 | | 30 |
| cis-1,2-Dichloroethene | 90 | | 96 | | 70-130 | 6 | | 30 |
| Styrene | 93 | | 102 | | 70-130 | 9 | | 30 |
| Dichlorodifluoromethane | 54 | | 62 | | 30-146 | 14 | | 30 |
| Acetone | 71 | | 74 | | 54-140 | 4 | | 30 |
| Carbon disulfide | 82 | | 94 | | 59-130 | 14 | | 30 |
| 2-Butanone | 74 | | 81 | | 70-130 | 9 | | 30 |
| 4-Methyl-2-pentanone | 104 | | 121 | | 70-130 | 15 | | 30 |
| 2-Hexanone | 81 | | 79 | | 70-130 | 3 | | 30 |
| Bromochloromethane | 92 | | 97 | | 70-130 | 5 | | 30 |
| 1,2-Dibromoethane | 92 | | 100 | | 70-130 | 8 | | 30 |
| 1,2-Dibromo-3-chloropropane | 100 | | 115 | | 68-130 | 14 | | 30 |
| Isopropylbenzene | 88 | | 109 | | 70-130 | 21 | | 30 |
| 1,2,3-Trichlorobenzene | 104 | | 107 | | 70-130 | 3 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2441487

**Report Date:** 08/05/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-18 Batch: WG1952635-3 WG1952635-4 | | | | | | | | |
| 1,2,4-Trichlorobenzene | 115 | | 125 | | 70-130 | 8 | | 30 |
| Methyl Acetate | 96 | | 87 | | 51-146 | 10 | | 30 |
| Cyclohexane | 77 | | 82 | | 59-142 | 6 | | 30 |
| 1,4-Dioxane | 116 | | 122 | | 65-136 | 5 | | 30 |
| Freon-113 | 82 | | 92 | | 50-139 | 11 | | 30 |
| Methyl cyclohexane | 78 | | 90 | | 70-130 | 14 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 86 | | 89 | | 70-130 |
| Toluene-d8 | 98 | | 116 | | 70-130 |
| 4-Bromofluorobenzene | 89 | | 104 | | 70-130 |
| Dibromofluoromethane | 94 | | 94 | | 70-130 |

# SEMIVOLATILES

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-01
Client ID: LAGOON-SW-01-08
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/22/24 09:15
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/31/24 11:25
Analyst: JG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/28/24 04:56

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 150 | 20. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 120 | 22. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 170 | 26. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 190 | 19. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 190 | 51. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 190 | 38. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 190 | 33. | 1 |
| Fluoranthene | 33 | J | ug/kg | 120 | 22. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 190 | 20. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 190 | 29. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 230 | 33. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 210 | 19. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 190 | 28. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 550 | 170 | 1 |
| Hexachloroethane | ND | | ug/kg | 150 | 31. | 1 |
| Isophorone | ND | | ug/kg | 170 | 25. | 1 |
| Naphthalene | ND | | ug/kg | 190 | 23. | 1 |
| Nitrobenzene | ND | | ug/kg | 170 | 28. | 1 |
| NDPA/DPA | ND | | ug/kg | 150 | 22. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 190 | 30. | 1 |
| Bis(2-ethylhexyl)phthalate | 450 | | ug/kg | 190 | 66. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 190 | 48. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 190 | 36. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 190 | 65. | 1 |
| Diethyl phthalate | ND | | ug/kg | 190 | 18. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 190 | 40. | 1 |
| Benzo(a)anthracene | ND | | ug/kg | 120 | 22. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 150 | 47. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-01 Date Collected: 07/22/24 09:15

Client ID: LAGOON-SW-01-08 Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | ND | | ug/kg | 120 | 32. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 120 | 31. | 1 |
| Chrysene | ND | | ug/kg | 120 | 20. | 1 |
| Acenaphthylene | ND | | ug/kg | 150 | 30. | 1 |
| Anthracene | ND | | ug/kg | 120 | 38. | 1 |
| Benzo(ghi)perylene | ND | | ug/kg | 150 | 23. | 1 |
| Fluorene | ND | | ug/kg | 190 | 19. | 1 |
| Phenanthrene | ND | | ug/kg | 120 | 23. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 120 | 22. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 150 | 27. | 1 |
| Pyrene | 28 | J | ug/kg | 120 | 19. | 1 |
| Biphenyl | ND | | ug/kg | 440 | 25. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 190 | 35. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 190 | 37. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 190 | 36. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 190 | 80. | 1 |
| Dibenzofuran | ND | | ug/kg | 190 | 18. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 230 | 23. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 190 | 20. | 1 |
| Acetophenone | ND | | ug/kg | 190 | 24. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 120 | 36. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 190 | 29. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 190 | 23. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 170 | 31. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 190 | 63. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 420 | 72. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 270 | 78. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 920 | 90. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 500 | 92. | 1 |
| Pentachlorophenol | ND | | ug/kg | 150 | 42. | 1 |
| Phenol | ND | | ug/kg | 190 | 29. | 1 |
| 2-Methylphenol | ND | | ug/kg | 190 | 30. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 280 | 30. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 190 | 37. | 1 |
| Carbazole | ND | | ug/kg | 190 | 19. | 1 |
| Atrazine | ND | | ug/kg | 150 | 67. | 1 |
| Benzaldehyde | ND | | ug/kg | 250 | 52. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-01 Date Collected: 07/22/24 09:15

Client ID: LAGOON-SW-01-08 Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 190 | 58. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 190 | 39. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 30 | | 25-120 |
| Phenol-d6 | 29 | | 10-120 |
| Nitrobenzene-d5 | 33 | | 23-120 |
| 2-Fluorobiphenyl | **29** | Q | 30-120 |
| 2,4,6-Tribromophenol | 28 | | 10-136 |
| 4-Terphenyl-d14 | 28 | | 18-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-02
Client ID: TRENCH-01 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 08:40
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/30/24 17:34
Analyst: EK
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 07/28/24 04:56

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 160 | 21. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 120 | 23. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 180 | 28. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 210 | 20. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 210 | 55. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 210 | 41. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 210 | 35. | 1 |
| Fluoranthene | 450 | | ug/kg | 120 | 24. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 210 | 22. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 210 | 32. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 250 | 35. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 220 | 21. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 210 | 30. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 590 | 190 | 1 |
| Hexachloroethane | ND | | ug/kg | 160 | 33. | 1 |
| Isophorone | ND | | ug/kg | 180 | 27. | 1 |
| Naphthalene | ND | | ug/kg | 210 | 25. | 1 |
| Nitrobenzene | ND | | ug/kg | 180 | 30. | 1 |
| NDPA/DPA | ND | | ug/kg | 160 | 23. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 210 | 32. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 210 | 71. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 210 | 52. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 210 | 39. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 210 | 70. | 1 |
| Diethyl phthalate | ND | | ug/kg | 210 | 19. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 210 | 43. | 1 |
| Benzo(a)anthracene | 140 | | ug/kg | 120 | 23. | 1 |
| Benzo(a)pyrene | 160 | | ug/kg | 160 | 50. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-02 Date Collected: 07/18/24 08:40

Client ID: TRENCH-01 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | 250 | | ug/kg | 120 | 35. | 1 |
| Benzo(k)fluoranthene | 72 | J | ug/kg | 120 | 33. | 1 |
| Chrysene | 170 | | ug/kg | 120 | 21. | 1 |
| Acenaphthylene | ND | | ug/kg | 160 | 32. | 1 |
| Anthracene | ND | | ug/kg | 120 | 40. | 1 |
| Benzo(ghi)perylene | 140 | J | ug/kg | 160 | 24. | 1 |
| Fluorene | ND | | ug/kg | 210 | 20. | 1 |
| Phenanthrene | 160 | | ug/kg | 120 | 25. | 1 |
| Dibenzo(a,h)anthracene | 31 | J | ug/kg | 120 | 24. | 1 |
| Indeno(1,2,3-cd)pyrene | 110 | J | ug/kg | 160 | 29. | 1 |
| Pyrene | 350 | | ug/kg | 120 | 20. | 1 |
| Biphenyl | ND | | ug/kg | 470 | 27. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 210 | 38. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 210 | 40. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 210 | 39. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 210 | 85. | 1 |
| Dibenzofuran | ND | | ug/kg | 210 | 20. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 250 | 25. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 210 | 22. | 1 |
| Acetophenone | ND | | ug/kg | 210 | 26. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 120 | 39. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 210 | 31. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 210 | 24. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 180 | 33. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 210 | 68. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 440 | 78. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 290 | 84. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 990 | 96. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 540 | 99. | 1 |
| Pentachlorophenol | ND | | ug/kg | 160 | 45. | 1 |
| Phenol | ND | | ug/kg | 210 | 31. | 1 |
| 2-Methylphenol | ND | | ug/kg | 210 | 32. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 300 | 32. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 210 | 40. | 1 |
| Carbazole | 24 | J | ug/kg | 210 | 20. | 1 |
| Atrazine | ND | | ug/kg | 160 | 72. | 1 |
| Benzaldehyde | ND | | ug/kg | 270 | 56. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-02 Date Collected: 07/18/24 08:40

Client ID: TRENCH-01 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 210 | 63. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 210 | 42. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 50 | | 25-120 |
| Phenol-d6 | 54 | | 10-120 |
| Nitrobenzene-d5 | 53 | | 23-120 |
| 2-Fluorobiphenyl | 54 | | 30-120 |
| 2,4,6-Tribromophenol | 59 | | 10-136 |
| 4-Terphenyl-d14 | 50 | | 18-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-03
Client ID: TRENCH-02 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 08:55
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/30/24 17:53
Analyst: EK
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 07/28/24 04:56

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 160 | 21. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 120 | 23. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 180 | 28. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 200 | 20. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 200 | 54. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 200 | 41. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 200 | 35. | 1 |
| Fluoranthene | 1800 | | ug/kg | 120 | 23. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 200 | 22. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 200 | 31. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 240 | 35. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 220 | 20. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 200 | 30. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 580 | 180 | 1 |
| Hexachloroethane | ND | | ug/kg | 160 | 33. | 1 |
| Isophorone | ND | | ug/kg | 180 | 26. | 1 |
| Naphthalene | ND | | ug/kg | 200 | 25. | 1 |
| Nitrobenzene | ND | | ug/kg | 180 | 30. | 1 |
| NDPA/DPA | ND | | ug/kg | 160 | 23. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 200 | 31. | 1 |
| Bis(2-ethylhexyl)phthalate | 180 | J | ug/kg | 200 | 70. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 200 | 51. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 200 | 39. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 200 | 69. | 1 |
| Diethyl phthalate | ND | | ug/kg | 200 | 19. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 200 | 43. | 1 |
| Benzo(a)anthracene | 540 | | ug/kg | 120 | 23. | 1 |
| Benzo(a)pyrene | 650 | | ug/kg | 160 | 50. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-03 Date Collected: 07/18/24 08:55

Client ID: TRENCH-02 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | 980 | | ug/kg | 120 | 34. | 1 |
| Benzo(k)fluoranthene | 340 | | ug/kg | 120 | 33. | 1 |
| Chrysene | 690 | | ug/kg | 120 | 21. | 1 |
| Acenaphthylene | ND | | ug/kg | 160 | 31. | 1 |
| Anthracene | 68 | J | ug/kg | 120 | 40. | 1 |
| Benzo(ghi)perylene | 600 | | ug/kg | 160 | 24. | 1 |
| Fluorene | ND | | ug/kg | 200 | 20. | 1 |
| Phenanthrene | 500 | | ug/kg | 120 | 25. | 1 |
| Dibenzo(a,h)anthracene | 130 | | ug/kg | 120 | 24. | 1 |
| Indeno(1,2,3-cd)pyrene | 460 | | ug/kg | 160 | 28. | 1 |
| Pyrene | 1400 | | ug/kg | 120 | 20. | 1 |
| Biphenyl | ND | | ug/kg | 460 | 26. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 200 | 37. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 200 | 39. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 200 | 38. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 200 | 84. | 1 |
| Dibenzofuran | ND | | ug/kg | 200 | 19. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 240 | 25. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 200 | 21. | 1 |
| Acetophenone | ND | | ug/kg | 200 | 25. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 120 | 39. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 200 | 30. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 200 | 24. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 180 | 33. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 200 | 67. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 440 | 77. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 280 | 83. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 980 | 95. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 530 | 98. | 1 |
| Pentachlorophenol | ND | | ug/kg | 160 | 45. | 1 |
| Phenol | ND | | ug/kg | 200 | 31. | 1 |
| 2-Methylphenol | ND | | ug/kg | 200 | 32. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 290 | 32. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 200 | 39. | 1 |
| Carbazole | 82 | J | ug/kg | 200 | 20. | 1 |
| Atrazine | ND | | ug/kg | 160 | 71. | 1 |
| Benzaldehyde | ND | | ug/kg | 270 | 55. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-03 Date Collected: 07/18/24 08:55

Client ID: TRENCH-02 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 200 | 62. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 200 | 41. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 50 | | 25-120 |
| Phenol-d6 | 52 | | 10-120 |
| Nitrobenzene-d5 | 49 | | 23-120 |
| 2-Fluorobiphenyl | 51 | | 30-120 |
| 2,4,6-Tribromophenol | 67 | | 10-136 |
| 4-Terphenyl-d14 | 52 | | 18-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

**SAMPLE RESULTS**

Lab ID: L2441487-04
Client ID: TRENCH-03 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 10:00
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/30/24 18:11
Analyst: EK
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 07/28/24 04:56

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 160 | 21. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 120 | 22. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 180 | 27. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 200 | 20. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 200 | 53. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 200 | 40. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 200 | 34. | 1 |
| Fluoranthene | 190 | | ug/kg | 120 | 23. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 200 | 21. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 200 | 30. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 240 | 34. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 210 | 20. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 200 | 29. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 570 | 180 | 1 |
| Hexachloroethane | ND | | ug/kg | 160 | 32. | 1 |
| Isophorone | ND | | ug/kg | 180 | 26. | 1 |
| Naphthalene | ND | | ug/kg | 200 | 24. | 1 |
| Nitrobenzene | ND | | ug/kg | 180 | 29. | 1 |
| NDPA/DPA | ND | | ug/kg | 160 | 23. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 200 | 31. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 200 | 69. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 200 | 50. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 200 | 38. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 200 | 68. | 1 |
| Diethyl phthalate | ND | | ug/kg | 200 | 18. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 200 | 42. | 1 |
| Benzo(a)anthracene | 86 | J | ug/kg | 120 | 22. | 1 |
| Benzo(a)pyrene | 74 | J | ug/kg | 160 | 48. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

**SAMPLE RESULTS**

Lab ID: L2441487-04 Date Collected: 07/18/24 10:00

Client ID: TRENCH-03 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | 110 | J | ug/kg | 120 | 34. | 1 |
| Benzo(k)fluoranthene | 37 | J | ug/kg | 120 | 32. | 1 |
| Chrysene | 94 | J | ug/kg | 120 | 21. | 1 |
| Acenaphthylene | ND | | ug/kg | 160 | 31. | 1 |
| Anthracene | ND | | ug/kg | 120 | 39. | 1 |
| Benzo(ghi)perylene | 55 | J | ug/kg | 160 | 23. | 1 |
| Fluorene | ND | | ug/kg | 200 | 19. | 1 |
| Phenanthrene | 36 | J | ug/kg | 120 | 24. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 120 | 23. | 1 |
| Indeno(1,2,3-cd)pyrene | 45 | J | ug/kg | 160 | 28. | 1 |
| Pyrene | 170 | | ug/kg | 120 | 20. | 1 |
| Biphenyl | ND | | ug/kg | 450 | 26. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 200 | 36. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 200 | 38. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 200 | 38. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 200 | 82. | 1 |
| Dibenzofuran | ND | | ug/kg | 200 | 19. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 240 | 24. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 200 | 21. | 1 |
| Acetophenone | ND | | ug/kg | 200 | 25. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 120 | 38. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 200 | 30. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 200 | 24. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 180 | 32. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 200 | 66. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 430 | 75. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 280 | 81. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 950 | 93. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 520 | 95. | 1 |
| Pentachlorophenol | ND | | ug/kg | 160 | 44. | 1 |
| Phenol | ND | | ug/kg | 200 | 30. | 1 |
| 2-Methylphenol | ND | | ug/kg | 200 | 31. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 290 | 31. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 200 | 38. | 1 |
| Carbazole | ND | | ug/kg | 200 | 19. | 1 |
| Atrazine | ND | | ug/kg | 160 | 70. | 1 |
| Benzaldehyde | ND | | ug/kg | 260 | 54. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-04 Date Collected: 07/18/24 10:00

Client ID: TRENCH-03 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 200 | 60. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 200 | 40. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 47 | | 25-120 |
| Phenol-d6 | 51 | | 10-120 |
| Nitrobenzene-d5 | 48 | | 23-120 |
| 2-Fluorobiphenyl | 54 | | 30-120 |
| 2,4,6-Tribromophenol | 56 | | 10-136 |
| 4-Terphenyl-d14 | 60 | | 18-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

**SAMPLE RESULTS**

Lab ID: L2441487-05
Client ID: TRENCH-04 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 11:50
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/30/24 18:30
Analyst: EK
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 07/28/24 04:56

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 150 | 20. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 120 | 22. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 170 | 26. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 190 | 19. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 190 | 52. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 190 | 39. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 190 | 33. | 1 |
| Fluoranthene | 71 | J | ug/kg | 120 | 22. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 190 | 21. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 190 | 30. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 230 | 33. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 210 | 19. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 190 | 28. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 550 | 180 | 1 |
| Hexachloroethane | ND | | ug/kg | 150 | 31. | 1 |
| Isophorone | ND | | ug/kg | 170 | 25. | 1 |
| Naphthalene | ND | | ug/kg | 190 | 24. | 1 |
| Nitrobenzene | ND | | ug/kg | 170 | 29. | 1 |
| NDPA/DPA | ND | | ug/kg | 150 | 22. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 190 | 30. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 190 | 67. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 190 | 49. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 190 | 37. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 190 | 66. | 1 |
| Diethyl phthalate | ND | | ug/kg | 190 | 18. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 190 | 41. | 1 |
| Benzo(a)anthracene | 28 | J | ug/kg | 120 | 22. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 150 | 47. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

**SAMPLE RESULTS**

Lab ID: L2441487-05 Date Collected: 07/18/24 11:50

Client ID: TRENCH-04 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | 45 | J | ug/kg | 120 | 33. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 120 | 31. | 1 |
| Chrysene | 34 | J | ug/kg | 120 | 20. | 1 |
| Acenaphthylene | ND | | ug/kg | 150 | 30. | 1 |
| Anthracene | ND | | ug/kg | 120 | 38. | 1 |
| Benzo(ghi)perylene | 28 | J | ug/kg | 150 | 23. | 1 |
| Fluorene | ND | | ug/kg | 190 | 19. | 1 |
| Phenanthrene | ND | | ug/kg | 120 | 24. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 120 | 22. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 150 | 27. | 1 |
| Pyrene | 61 | J | ug/kg | 120 | 19. | 1 |
| Biphenyl | ND | | ug/kg | 440 | 25. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 190 | 35. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 190 | 37. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 190 | 36. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 190 | 80. | 1 |
| Dibenzofuran | ND | | ug/kg | 190 | 18. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 230 | 23. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 190 | 20. | 1 |
| Acetophenone | ND | | ug/kg | 190 | 24. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 120 | 37. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 190 | 29. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 190 | 23. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 170 | 31. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 190 | 64. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 420 | 73. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 270 | 79. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 930 | 90. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 500 | 93. | 1 |
| Pentachlorophenol | ND | | ug/kg | 150 | 43. | 1 |
| Phenol | ND | | ug/kg | 190 | 29. | 1 |
| 2-Methylphenol | ND | | ug/kg | 190 | 30. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 280 | 30. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 190 | 37. | 1 |
| Carbazole | ND | | ug/kg | 190 | 19. | 1 |
| Atrazine | ND | | ug/kg | 150 | 68. | 1 |
| Benzaldehyde | ND | | ug/kg | 260 | 52. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-05 Date Collected: 07/18/24 11:50

Client ID: TRENCH-04 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 190 | 59. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 190 | 39. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 51 | | 25-120 |
| Phenol-d6 | 50 | | 10-120 |
| Nitrobenzene-d5 | 47 | | 23-120 |
| 2-Fluorobiphenyl | 50 | | 30-120 |
| 2,4,6-Tribromophenol | 66 | | 10-136 |
| 4-Terphenyl-d14 | 57 | | 18-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

**SAMPLE RESULTS**

Lab ID: L2441487-06
Client ID: TRENCH-05 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 12:00
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/30/24 18:48
Analyst: EK
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 07/28/24 04:56

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 160 | 20. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 120 | 22. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 180 | 26. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 190 | 19. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 190 | 52. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 190 | 39. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 190 | 33. | 1 |
| Fluoranthene | 71 | J | ug/kg | 120 | 22. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 190 | 21. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 190 | 30. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 230 | 33. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 210 | 20. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 190 | 28. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 560 | 180 | 1 |
| Hexachloroethane | ND | | ug/kg | 160 | 32. | 1 |
| Isophorone | ND | | ug/kg | 180 | 25. | 1 |
| Naphthalene | ND | | ug/kg | 190 | 24. | 1 |
| Nitrobenzene | ND | | ug/kg | 180 | 29. | 1 |
| NDPA/DPA | ND | | ug/kg | 160 | 22. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 190 | 30. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 190 | 67. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 190 | 49. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 190 | 37. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 190 | 66. | 1 |
| Diethyl phthalate | ND | | ug/kg | 190 | 18. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 190 | 41. | 1 |
| Benzo(a)anthracene | 25 | J | ug/kg | 120 | 22. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 160 | 48. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

**SAMPLE RESULTS**

Lab ID: L2441487-06 Date Collected: 07/18/24 12:00

Client ID: TRENCH-05 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | 40 | J | ug/kg | 120 | 33. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 120 | 31. | 1 |
| Chrysene | 30 | J | ug/kg | 120 | 20. | 1 |
| Acenaphthylene | ND | | ug/kg | 160 | 30. | 1 |
| Anthracene | ND | | ug/kg | 120 | 38. | 1 |
| Benzo(ghi)perylene | 24 | J | ug/kg | 160 | 23. | 1 |
| Fluorene | ND | | ug/kg | 190 | 19. | 1 |
| Phenanthrene | ND | | ug/kg | 120 | 24. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 120 | 22. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 160 | 27. | 1 |
| Pyrene | 59 | J | ug/kg | 120 | 19. | 1 |
| Biphenyl | ND | | ug/kg | 440 | 25. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 190 | 35. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 190 | 38. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 190 | 37. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 190 | 81. | 1 |
| Dibenzofuran | ND | | ug/kg | 190 | 18. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 230 | 24. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 190 | 20. | 1 |
| Acetophenone | ND | | ug/kg | 190 | 24. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 120 | 37. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 190 | 29. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 190 | 23. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 180 | 31. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 190 | 64. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 420 | 73. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 270 | 79. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 930 | 91. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 510 | 93. | 1 |
| Pentachlorophenol | ND | | ug/kg | 160 | 43. | 1 |
| Phenol | ND | | ug/kg | 190 | 29. | 1 |
| 2-Methylphenol | ND | | ug/kg | 190 | 30. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 280 | 30. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 190 | 37. | 1 |
| Carbazole | ND | | ug/kg | 190 | 19. | 1 |
| Atrazine | ND | | ug/kg | 160 | 68. | 1 |
| Benzaldehyde | ND | | ug/kg | 260 | 52. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-06 Date Collected: 07/18/24 12:00

Client ID: TRENCH-05 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 190 | 59. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 190 | 39. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 46 | | 25-120 |
| Phenol-d6 | 47 | | 10-120 |
| Nitrobenzene-d5 | 45 | | 23-120 |
| 2-Fluorobiphenyl | 46 | | 30-120 |
| 2,4,6-Tribromophenol | 59 | | 10-136 |
| 4-Terphenyl-d14 | 45 | | 18-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

**SAMPLE RESULTS**

Lab ID: L2441487-07
Client ID: TRENCH-06 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 12:20
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/30/24 19:06
Analyst: EK
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 07/28/24 04:56

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 170 | 22. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 120 | 23. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 190 | 28. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 210 | 21. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 210 | 56. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 210 | 42. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 210 | 36. | 1 |
| Fluoranthene | 200 | | ug/kg | 120 | 24. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 210 | 22. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 210 | 32. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 250 | 36. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 220 | 21. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 210 | 30. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 600 | 190 | 1 |
| Hexachloroethane | ND | | ug/kg | 170 | 34. | 1 |
| Isophorone | ND | | ug/kg | 190 | 27. | 1 |
| Naphthalene | ND | | ug/kg | 210 | 25. | 1 |
| Nitrobenzene | ND | | ug/kg | 190 | 31. | 1 |
| NDPA/DPA | ND | | ug/kg | 170 | 24. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 210 | 32. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 210 | 72. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 210 | 53. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 210 | 40. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 210 | 71. | 1 |
| Diethyl phthalate | ND | | ug/kg | 210 | 19. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 210 | 44. | 1 |
| Benzo(a)anthracene | 60 | J | ug/kg | 120 | 24. | 1 |
| Benzo(a)pyrene | 69 | J | ug/kg | 170 | 51. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-07 Date Collected: 07/18/24 12:20

Client ID: TRENCH-06 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | 100 | J | ug/kg | 120 | 35. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 120 | 33. | 1 |
| Chrysene | 83 | J | ug/kg | 120 | 22. | 1 |
| Acenaphthylene | ND | | ug/kg | 170 | 32. | 1 |
| Anthracene | ND | | ug/kg | 120 | 41. | 1 |
| Benzo(ghi)perylene | 57 | J | ug/kg | 170 | 24. | 1 |
| Fluorene | ND | | ug/kg | 210 | 20. | 1 |
| Phenanthrene | 83 | J | ug/kg | 120 | 25. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 120 | 24. | 1 |
| Indeno(1,2,3-cd)pyrene | 45 | J | ug/kg | 170 | 29. | 1 |
| Pyrene | 160 | | ug/kg | 120 | 21. | 1 |
| Biphenyl | ND | | ug/kg | 480 | 27. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 210 | 38. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 210 | 40. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 210 | 39. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 210 | 86. | 1 |
| Dibenzofuran | ND | | ug/kg | 210 | 20. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 250 | 25. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 210 | 22. | 1 |
| Acetophenone | ND | | ug/kg | 210 | 26. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 120 | 40. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 210 | 31. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 210 | 25. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 190 | 34. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 210 | 69. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 450 | 78. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 290 | 85. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 1000 | 97. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 540 | 100 | 1 |
| Pentachlorophenol | ND | | ug/kg | 170 | 46. | 1 |
| Phenol | ND | | ug/kg | 210 | 32. | 1 |
| 2-Methylphenol | ND | | ug/kg | 210 | 32. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 300 | 33. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 210 | 40. | 1 |
| Carbazole | ND | | ug/kg | 210 | 20. | 1 |
| Atrazine | ND | | ug/kg | 170 | 73. | 1 |
| Benzaldehyde | ND | | ug/kg | 280 | 56. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-07 Date Collected: 07/18/24 12:20

Client ID: TRENCH-06 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 210 | 63. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 210 | 42. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 52 | | 25-120 |
| Phenol-d6 | 53 | | 10-120 |
| Nitrobenzene-d5 | 49 | | 23-120 |
| 2-Fluorobiphenyl | 48 | | 30-120 |
| 2,4,6-Tribromophenol | 63 | | 10-136 |
| 4-Terphenyl-d14 | 47 | | 18-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

**SAMPLE RESULTS**

Lab ID: L2441487-08
Client ID: TRENCH-07 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 13:00
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/30/24 19:25
Analyst: EK
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 07/28/24 04:56

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 160 | 21. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 120 | 23. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 180 | 28. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 200 | 20. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 200 | 54. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 200 | 41. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 200 | 35. | 1 |
| Fluoranthene | 360 | | ug/kg | 120 | 23. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 200 | 22. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 200 | 31. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 240 | 35. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 220 | 20. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 200 | 30. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 580 | 180 | 1 |
| Hexachloroethane | ND | | ug/kg | 160 | 33. | 1 |
| Isophorone | ND | | ug/kg | 180 | 26. | 1 |
| Naphthalene | ND | | ug/kg | 200 | 25. | 1 |
| Nitrobenzene | ND | | ug/kg | 180 | 30. | 1 |
| NDPA/DPA | ND | | ug/kg | 160 | 23. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 200 | 32. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 200 | 71. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 200 | 52. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 200 | 39. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 200 | 70. | 1 |
| Diethyl phthalate | ND | | ug/kg | 200 | 19. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 200 | 43. | 1 |
| Benzo(a)anthracene | 100 | J | ug/kg | 120 | 23. | 1 |
| Benzo(a)pyrene | 120 | J | ug/kg | 160 | 50. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

**SAMPLE RESULTS**

Lab ID: L2441487-08 Date Collected: 07/18/24 13:00

Client ID: TRENCH-07 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | 170 | | ug/kg | 120 | 34. | 1 |
| Benzo(k)fluoranthene | 74 | J | ug/kg | 120 | 33. | 1 |
| Chrysene | 140 | | ug/kg | 120 | 21. | 1 |
| Acenaphthylene | ND | | ug/kg | 160 | 32. | 1 |
| Anthracene | ND | | ug/kg | 120 | 40. | 1 |
| Benzo(ghi)perylene | 100 | J | ug/kg | 160 | 24. | 1 |
| Fluorene | ND | | ug/kg | 200 | 20. | 1 |
| Phenanthrene | 190 | | ug/kg | 120 | 25. | 1 |
| Dibenzo(a,h)anthracene | 24 | J | ug/kg | 120 | 24. | 1 |
| Indeno(1,2,3-cd)pyrene | 80 | J | ug/kg | 160 | 28. | 1 |
| Pyrene | 270 | | ug/kg | 120 | 20. | 1 |
| Biphenyl | ND | | ug/kg | 470 | 27. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 200 | 37. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 200 | 39. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 200 | 39. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 200 | 85. | 1 |
| Dibenzofuran | ND | | ug/kg | 200 | 19. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 240 | 25. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 200 | 21. | 1 |
| Acetophenone | ND | | ug/kg | 200 | 25. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 120 | 39. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 200 | 30. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 200 | 24. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 180 | 33. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 200 | 68. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 440 | 77. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 290 | 84. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 980 | 95. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 530 | 98. | 1 |
| Pentachlorophenol | ND | | ug/kg | 160 | 45. | 1 |
| Phenol | ND | | ug/kg | 200 | 31. | 1 |
| 2-Methylphenol | ND | | ug/kg | 200 | 32. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 290 | 32. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 200 | 39. | 1 |
| Carbazole | 28 | J | ug/kg | 200 | 20. | 1 |
| Atrazine | ND | | ug/kg | 160 | 72. | 1 |
| Benzaldehyde | ND | | ug/kg | 270 | 55. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-08 Date Collected: 07/18/24 13:00

Client ID: TRENCH-07 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 200 | 62. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 200 | 41. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 49 | | 25-120 |
| Phenol-d6 | 49 | | 10-120 |
| Nitrobenzene-d5 | 47 | | 23-120 |
| 2-Fluorobiphenyl | 48 | | 30-120 |
| 2,4,6-Tribromophenol | 65 | | 10-136 |
| 4-Terphenyl-d14 | 56 | | 18-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-09
Client ID: TRENCH-08 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 13:20
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/30/24 19:43
Analyst: EK
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 07/28/24 04:56

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | 210 | | ug/kg | 160 | 21. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 120 | 22. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 180 | 27. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 200 | 20. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 200 | 53. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 200 | 40. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 200 | 34. | 1 |
| Fluoranthene | 3400 | | ug/kg | 120 | 23. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 200 | 21. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 200 | 30. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 240 | 34. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 220 | 20. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 200 | 29. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 570 | 180 | 1 |
| Hexachloroethane | ND | | ug/kg | 160 | 32. | 1 |
| Isophorone | ND | | ug/kg | 180 | 26. | 1 |
| Naphthalene | ND | | ug/kg | 200 | 24. | 1 |
| Nitrobenzene | ND | | ug/kg | 180 | 29. | 1 |
| NDPA/DPA | ND | | ug/kg | 160 | 23. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 200 | 31. | 1 |
| Bis(2-ethylhexyl)phthalate | 93 | J | ug/kg | 200 | 69. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 200 | 50. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 200 | 38. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 200 | 68. | 1 |
| Diethyl phthalate | ND | | ug/kg | 200 | 18. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 200 | 42. | 1 |
| Benzo(a)anthracene | 1000 | | ug/kg | 120 | 22. | 1 |
| Benzo(a)pyrene | 1000 | | ug/kg | 160 | 49. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-09 Date Collected: 07/18/24 13:20

Client ID: TRENCH-08 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | 1400 | | ug/kg | 120 | 34. | 1 |
| Benzo(k)fluoranthene | 410 | | ug/kg | 120 | 32. | 1 |
| Chrysene | 1100 | | ug/kg | 120 | 21. | 1 |
| Acenaphthylene | ND | | ug/kg | 160 | 31. | 1 |
| Anthracene | 430 | | ug/kg | 120 | 39. | 1 |
| Benzo(ghi)perylene | 720 | | ug/kg | 160 | 23. | 1 |
| Fluorene | 190 | J | ug/kg | 200 | 19. | 1 |
| Phenanthrene | 1900 | | ug/kg | 120 | 24. | 1 |
| Dibenzo(a,h)anthracene | 170 | | ug/kg | 120 | 23. | 1 |
| Indeno(1,2,3-cd)pyrene | 570 | | ug/kg | 160 | 28. | 1 |
| Pyrene | 2800 | | ug/kg | 120 | 20. | 1 |
| Biphenyl | ND | | ug/kg | 450 | 26. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 200 | 36. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 200 | 38. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 200 | 38. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 200 | 82. | 1 |
| Dibenzofuran | 69 | J | ug/kg | 200 | 19. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 240 | 24. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 200 | 21. | 1 |
| Acetophenone | ND | | ug/kg | 200 | 25. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 120 | 38. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 200 | 30. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 200 | 24. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 180 | 32. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 200 | 66. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 430 | 75. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 280 | 81. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 960 | 93. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 520 | 96. | 1 |
| Pentachlorophenol | ND | | ug/kg | 160 | 44. | 1 |
| Phenol | ND | | ug/kg | 200 | 30. | 1 |
| 2-Methylphenol | ND | | ug/kg | 200 | 31. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 290 | 31. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 200 | 38. | 1 |
| Carbazole | 210 | | ug/kg | 200 | 19. | 1 |
| Atrazine | ND | | ug/kg | 160 | 70. | 1 |
| Benzaldehyde | ND | | ug/kg | 260 | 54. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-09 Date Collected: 07/18/24 13:20

Client ID: TRENCH-08 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 200 | 60. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 200 | 40. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 54 | | 25-120 |
| Phenol-d6 | 53 | | 10-120 |
| Nitrobenzene-d5 | 51 | | 23-120 |
| 2-Fluorobiphenyl | 52 | | 30-120 |
| 2,4,6-Tribromophenol | 71 | | 10-136 |
| 4-Terphenyl-d14 | 57 | | 18-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

**SAMPLE RESULTS**

Lab ID: L2441487-10
Client ID: TRENCH-09 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 13:40
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/30/24 20:01
Analyst: EK
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 07/28/24 04:56

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | 180 | | ug/kg | 160 | 21. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 120 | 22. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 180 | 27. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 200 | 20. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 200 | 54. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 200 | 40. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 200 | 34. | 1 |
| Fluoranthene | 3200 | | ug/kg | 120 | 23. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 200 | 22. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 200 | 31. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 240 | 34. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 220 | 20. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 200 | 29. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 580 | 180 | 1 |
| Hexachloroethane | ND | | ug/kg | 160 | 32. | 1 |
| Isophorone | ND | | ug/kg | 180 | 26. | 1 |
| Naphthalene | ND | | ug/kg | 200 | 24. | 1 |
| Nitrobenzene | ND | | ug/kg | 180 | 30. | 1 |
| NDPA/DPA | ND | | ug/kg | 160 | 23. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 200 | 31. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 200 | 70. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 200 | 51. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 200 | 38. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 200 | 68. | 1 |
| Diethyl phthalate | ND | | ug/kg | 200 | 19. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 200 | 42. | 1 |
| Benzo(a)anthracene | 970 | | ug/kg | 120 | 23. | 1 |
| Benzo(a)pyrene | 1000 | | ug/kg | 160 | 49. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

**SAMPLE RESULTS**

Lab ID: L2441487-10 Date Collected: 07/18/24 13:40

Client ID: TRENCH-09 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | 1400 | | ug/kg | 120 | 34. | 1 |
| Benzo(k)fluoranthene | 490 | | ug/kg | 120 | 32. | 1 |
| Chrysene | 1100 | | ug/kg | 120 | 21. | 1 |
| Acenaphthylene | ND | | ug/kg | 160 | 31. | 1 |
| Anthracene | 380 | | ug/kg | 120 | 39. | 1 |
| Benzo(ghi)perylene | 840 | | ug/kg | 160 | 24. | 1 |
| Fluorene | 190 | J | ug/kg | 200 | 20. | 1 |
| Phenanthrene | 1800 | | ug/kg | 120 | 24. | 1 |
| Dibenzo(a,h)anthracene | 190 | | ug/kg | 120 | 23. | 1 |
| Indeno(1,2,3-cd)pyrene | 650 | | ug/kg | 160 | 28. | 1 |
| Pyrene | 2400 | | ug/kg | 120 | 20. | 1 |
| Biphenyl | ND | | ug/kg | 460 | 26. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 200 | 37. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 200 | 39. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 200 | 38. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 200 | 83. | 1 |
| Dibenzofuran | 98 | J | ug/kg | 200 | 19. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 240 | 24. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 200 | 21. | 1 |
| Acetophenone | ND | | ug/kg | 200 | 25. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 120 | 38. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 200 | 30. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 200 | 24. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 180 | 32. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 200 | 66. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 440 | 76. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 280 | 82. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 970 | 94. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 520 | 97. | 1 |
| Pentachlorophenol | ND | | ug/kg | 160 | 44. | 1 |
| Phenol | ND | | ug/kg | 200 | 30. | 1 |
| 2-Methylphenol | ND | | ug/kg | 200 | 31. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 290 | 32. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 200 | 38. | 1 |
| Carbazole | 260 | | ug/kg | 200 | 20. | 1 |
| Atrazine | ND | | ug/kg | 160 | 70. | 1 |
| Benzaldehyde | ND | | ug/kg | 260 | 54. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-10 Date Collected: 07/18/24 13:40

Client ID: TRENCH-09 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 200 | 61. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 200 | 41. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 53 | | 25-120 |
| Phenol-d6 | 55 | | 10-120 |
| Nitrobenzene-d5 | 53 | | 23-120 |
| 2-Fluorobiphenyl | 50 | | 30-120 |
| 2,4,6-Tribromophenol | 69 | | 10-136 |
| 4-Terphenyl-d14 | 45 | | 18-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-11
Client ID: TRENCH-10 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 14:00
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/29/24 16:46
Analyst: SZ
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 03:18

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | 450 | | ug/kg | 170 | 22. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 120 | 23. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 190 | 28. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 210 | 21. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 210 | 56. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 210 | 42. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 210 | 36. | 1 |
| Fluoranthene | 2500 | | ug/kg | 120 | 24. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 210 | 22. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 210 | 32. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 250 | 36. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 220 | 21. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 210 | 31. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 600 | 190 | 1 |
| Hexachloroethane | ND | | ug/kg | 170 | 34. | 1 |
| Isophorone | ND | | ug/kg | 190 | 27. | 1 |
| Naphthalene | 840 | | ug/kg | 210 | 25. | 1 |
| Nitrobenzene | ND | | ug/kg | 190 | 31. | 1 |
| NDPA/DPA | ND | | ug/kg | 170 | 24. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 210 | 32. | 1 |
| Bis(2-ethylhexyl)phthalate | 230 | | ug/kg | 210 | 72. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 210 | 53. | 1 |
| Di-n-butylphthalate | 66 | J | ug/kg | 210 | 40. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 210 | 71. | 1 |
| Diethyl phthalate | ND | | ug/kg | 210 | 19. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 210 | 44. | 1 |
| Benzo(a)anthracene | 1200 | | ug/kg | 120 | 24. | 1 |
| Benzo(a)pyrene | 1100 | | ug/kg | 170 | 51. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-11 Date Collected: 07/18/24 14:00

Client ID: TRENCH-10 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | 1400 | | ug/kg | 120 | 35. | 1 |
| Benzo(k)fluoranthene | 440 | | ug/kg | 120 | 33. | 1 |
| Chrysene | 1100 | | ug/kg | 120 | 22. | 1 |
| Acenaphthylene | ND | | ug/kg | 170 | 32. | 1 |
| Anthracene | 740 | | ug/kg | 120 | 41. | 1 |
| Benzo(ghi)perylene | 610 | | ug/kg | 170 | 24. | 1 |
| Fluorene | 440 | | ug/kg | 210 | 20. | 1 |
| Phenanthrene | 2300 | | ug/kg | 120 | 25. | 1 |
| Dibenzo(a,h)anthracene | 150 | | ug/kg | 120 | 24. | 1 |
| Indeno(1,2,3-cd)pyrene | 620 | | ug/kg | 170 | 29. | 1 |
| Pyrene | 2000 | | ug/kg | 120 | 21. | 1 |
| Biphenyl | 56 | J | ug/kg | 480 | 27. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 210 | 38. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 210 | 40. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 210 | 39. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 210 | 86. | 1 |
| Dibenzofuran | 300 | | ug/kg | 210 | 20. | 1 |
| 2-Methylnaphthalene | 260 | | ug/kg | 250 | 25. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 210 | 22. | 1 |
| Acetophenone | ND | | ug/kg | 210 | 26. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 120 | 40. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 210 | 31. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 210 | 25. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 190 | 34. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 210 | 69. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 450 | 79. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 290 | 85. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 1000 | 97. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 540 | 100 | 1 |
| Pentachlorophenol | ND | | ug/kg | 170 | 46. | 1 |
| Phenol | 48 | J | ug/kg | 210 | 32. | 1 |
| 2-Methylphenol | ND | | ug/kg | 210 | 32. | 1 |
| 3-Methylphenol/4-Methylphenol | 52 | J | ug/kg | 300 | 33. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 210 | 40. | 1 |
| Carbazole | 360 | | ug/kg | 210 | 20. | 1 |
| Atrazine | ND | | ug/kg | 170 | 73. | 1 |
| Benzaldehyde | ND | | ug/kg | 280 | 56. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-11 Date Collected: 07/18/24 14:00

Client ID: TRENCH-10 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 210 | 64. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 210 | 42. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 70 | | 25-120 |
| Phenol-d6 | 71 | | 10-120 |
| Nitrobenzene-d5 | 69 | | 23-120 |
| 2-Fluorobiphenyl | 63 | | 30-120 |
| 2,4,6-Tribromophenol | 72 | | 10-136 |
| 4-Terphenyl-d14 | 66 | | 18-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-12
Client ID: TRENCH-11 (0.5)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 07:40
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/29/24 17:11
Analyst: SZ
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 03:18

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | 43 | J | ug/kg | 150 | 19. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 110 | 21. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 170 | 25. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 190 | 19. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 190 | 50. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 190 | 38. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 190 | 32. | 1 |
| Fluoranthene | 4000 | | ug/kg | 110 | 22. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 190 | 20. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 190 | 29. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 220 | 32. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 200 | 19. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 190 | 28. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 540 | 170 | 1 |
| Hexachloroethane | ND | | ug/kg | 150 | 30. | 1 |
| Isophorone | ND | | ug/kg | 170 | 24. | 1 |
| Naphthalene | ND | | ug/kg | 190 | 23. | 1 |
| Nitrobenzene | ND | | ug/kg | 170 | 28. | 1 |
| NDPA/DPA | ND | | ug/kg | 150 | 21. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 190 | 29. | 1 |
| Bis(2-ethylhexyl)phthalate | 170 | J | ug/kg | 190 | 65. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 190 | 47. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 190 | 36. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 190 | 64. | 1 |
| Diethyl phthalate | ND | | ug/kg | 190 | 17. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 190 | 39. | 1 |
| Benzo(a)anthracene | 1300 | | ug/kg | 110 | 21. | 1 |
| Benzo(a)pyrene | 1600 | | ug/kg | 150 | 46. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-12 Date Collected: 07/19/24 07:40

Client ID: TRENCH-11 (0.5) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | 2700 | | ug/kg | 110 | 32. | 1 |
| Benzo(k)fluoranthene | 680 | | ug/kg | 110 | 30. | 1 |
| Chrysene | 2000 | | ug/kg | 110 | 20. | 1 |
| Acenaphthylene | 34 | J | ug/kg | 150 | 29. | 1 |
| Anthracene | 220 | | ug/kg | 110 | 37. | 1 |
| Benzo(ghi)perylene | 1400 | | ug/kg | 150 | 22. | 1 |
| Fluorene | 63 | J | ug/kg | 190 | 18. | 1 |
| Phenanthrene | 1600 | | ug/kg | 110 | 23. | 1 |
| Dibenzo(a,h)anthracene | 260 | | ug/kg | 110 | 22. | 1 |
| Indeno(1,2,3-cd)pyrene | 1300 | | ug/kg | 150 | 26. | 1 |
| Pyrene | 3100 | | ug/kg | 110 | 19. | 1 |
| Biphenyl | ND | | ug/kg | 430 | 24. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 190 | 34. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 190 | 36. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 190 | 35. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 190 | 78. | 1 |
| Dibenzofuran | 31 | J | ug/kg | 190 | 18. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 220 | 23. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 190 | 20. | 1 |
| Acetophenone | ND | | ug/kg | 190 | 23. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 110 | 36. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 190 | 28. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 190 | 22. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 170 | 30. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 190 | 62. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 410 | 71. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 260 | 77. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 900 | 88. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 490 | 90. | 1 |
| Pentachlorophenol | ND | | ug/kg | 150 | 41. | 1 |
| Phenol | ND | | ug/kg | 190 | 28. | 1 |
| 2-Methylphenol | ND | | ug/kg | 190 | 29. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 270 | 29. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 190 | 36. | 1 |
| Carbazole | 400 | | ug/kg | 190 | 18. | 1 |
| Atrazine | ND | | ug/kg | 150 | 66. | 1 |
| Benzaldehyde | ND | | ug/kg | 250 | 51. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-12 Date Collected: 07/19/24 07:40

Client ID: TRENCH-11 (0.5) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 190 | 57. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 190 | 38. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 77 | | 25-120 |
| Phenol-d6 | 77 | | 10-120 |
| Nitrobenzene-d5 | 78 | | 23-120 |
| 2-Fluorobiphenyl | 71 | | 30-120 |
| 2,4,6-Tribromophenol | 89 | | 10-136 |
| 4-Terphenyl-d14 | 82 | | 18-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-13
Client ID: TRENCH-12 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 08:30
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/29/24 17:36
Analyst: SZ
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 03:18

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | 410 | | ug/kg | 140 | 19. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 110 | 20. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 160 | 24. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 180 | 18. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 180 | 48. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 180 | 36. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 180 | 31. | 1 |
| Fluoranthene | 6000 | | ug/kg | 110 | 21. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 180 | 19. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 180 | 27. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 220 | 31. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 190 | 18. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 180 | 26. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 510 | 160 | 1 |
| Hexachloroethane | ND | | ug/kg | 140 | 29. | 1 |
| Isophorone | ND | | ug/kg | 160 | 23. | 1 |
| Naphthalene | ND | | ug/kg | 180 | 22. | 1 |
| Nitrobenzene | ND | | ug/kg | 160 | 27. | 1 |
| NDPA/DPA | ND | | ug/kg | 140 | 20. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 180 | 62. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 180 | 45. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 180 | 34. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 180 | 61. | 1 |
| Diethyl phthalate | ND | | ug/kg | 180 | 17. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 180 | 38. | 1 |
| Benzo(a)anthracene | 2500 | | ug/kg | 110 | 20. | 1 |
| Benzo(a)pyrene | 2500 | | ug/kg | 140 | 44. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-13 Date Collected: 07/19/24 08:30

Client ID: TRENCH-12 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | 3600 | | ug/kg | 110 | 30. | 1 |
| Benzo(k)fluoranthene | 890 | | ug/kg | 110 | 29. | 1 |
| Chrysene | 2700 | | ug/kg | 110 | 19. | 1 |
| Acenaphthylene | ND | | ug/kg | 140 | 28. | 1 |
| Anthracene | 1100 | | ug/kg | 110 | 35. | 1 |
| Benzo(ghi)perylene | 1900 | | ug/kg | 140 | 21. | 1 |
| Fluorene | 430 | | ug/kg | 180 | 17. | 1 |
| Phenanthrene | 4500 | | ug/kg | 110 | 22. | 1 |
| Dibenzo(a,h)anthracene | 380 | | ug/kg | 110 | 21. | 1 |
| Indeno(1,2,3-cd)pyrene | 1800 | | ug/kg | 140 | 25. | 1 |
| Pyrene | 4900 | | ug/kg | 110 | 18. | 1 |
| Biphenyl | ND | | ug/kg | 410 | 23. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 180 | 33. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 180 | 35. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 180 | 34. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 180 | 74. | 1 |
| Dibenzofuran | 200 | | ug/kg | 180 | 17. | 1 |
| 2-Methylnaphthalene | 56 | J | ug/kg | 220 | 22. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 180 | 19. | 1 |
| Acetophenone | ND | | ug/kg | 180 | 22. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 110 | 34. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 180 | 27. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 180 | 21. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 160 | 29. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 180 | 59. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 390 | 68. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 250 | 73. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 860 | 84. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 470 | 86. | 1 |
| Pentachlorophenol | ND | | ug/kg | 140 | 40. | 1 |
| Phenol | ND | | ug/kg | 180 | 27. | 1 |
| 2-Methylphenol | ND | | ug/kg | 180 | 28. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 260 | 28. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 180 | 34. | 1 |
| Carbazole | 730 | | ug/kg | 180 | 17. | 1 |
| Atrazine | ND | | ug/kg | 140 | 63. | 1 |
| Benzaldehyde | ND | | ug/kg | 240 | 49. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-13 Date Collected: 07/19/24 08:30

Client ID: TRENCH-12 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 180 | 55. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 180 | 36. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 77 | | 25-120 |
| Phenol-d6 | 77 | | 10-120 |
| Nitrobenzene-d5 | 77 | | 23-120 |
| 2-Fluorobiphenyl | 71 | | 30-120 |
| 2,4,6-Tribromophenol | 85 | | 10-136 |
| 4-Terphenyl-d14 | 75 | | 18-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-14
Client ID: TRENCH-13 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 08:55
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/29/24 18:01
Analyst: SZ
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 03:18

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | 320 | J | ug/kg | 330 | 43. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 250 | 46. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 370 | 56. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 420 | 41. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 420 | 110 | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 420 | 83. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 420 | 71. | 1 |
| Fluoranthene | 11000 | | ug/kg | 250 | 48. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 420 | 44. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 420 | 63. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 500 | 71. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 450 | 42. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 420 | 61. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 1200 | 380 | 1 |
| Hexachloroethane | ND | | ug/kg | 330 | 67. | 1 |
| Isophorone | ND | | ug/kg | 370 | 54. | 1 |
| Naphthalene | ND | | ug/kg | 420 | 51. | 1 |
| Nitrobenzene | ND | | ug/kg | 370 | 62. | 1 |
| NDPA/DPA | ND | | ug/kg | 330 | 47. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 420 | 64. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 420 | 140 | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 420 | 100 | 1 |
| Di-n-butylphthalate | 130 | J | ug/kg | 420 | 79. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 420 | 140 | 1 |
| Diethyl phthalate | ND | | ug/kg | 420 | 38. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 420 | 87. | 1 |
| Benzo(a)anthracene | 4400 | | ug/kg | 250 | 47. | 1 |
| Benzo(a)pyrene | 4800 | | ug/kg | 330 | 100 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-14 Date Collected: 07/19/24 08:55

Client ID: TRENCH-13 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | 7500 | | ug/kg | 250 | 70. | 1 |
| Benzo(k)fluoranthene | 2400 | | ug/kg | 250 | 66. | 1 |
| Chrysene | 5800 | | ug/kg | 250 | 43. | 1 |
| Acenaphthylene | 77 | J | ug/kg | 330 | 64. | 1 |
| Anthracene | 1100 | | ug/kg | 250 | 81. | 1 |
| Benzo(ghi)perylene | 4000 | | ug/kg | 330 | 49. | 1 |
| Fluorene | 400 | J | ug/kg | 420 | 40. | 1 |
| Phenanthrene | 5400 | | ug/kg | 250 | 50. | 1 |
| Dibenzo(a,h)anthracene | 800 | | ug/kg | 250 | 48. | 1 |
| Indeno(1,2,3-cd)pyrene | 3700 | | ug/kg | 330 | 58. | 1 |
| Pyrene | 8800 | | ug/kg | 250 | 41. | 1 |
| Biphenyl | ND | | ug/kg | 950 | 54. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 420 | 76. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 420 | 80. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 420 | 78. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 420 | 170 | 1 |
| Dibenzofuran | 180 | J | ug/kg | 420 | 39. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 500 | 50. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 420 | 43. | 1 |
| Acetophenone | ND | | ug/kg | 420 | 52. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 250 | 79. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 420 | 62. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 420 | 49. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 370 | 67. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 420 | 140 | 1 |
| 2-Nitrophenol | ND | | ug/kg | 900 | 160 | 1 |
| 4-Nitrophenol | ND | | ug/kg | 580 | 170 | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 2000 | 190 | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 1100 | 200 | 1 |
| Pentachlorophenol | ND | | ug/kg | 330 | 92. | 1 |
| Phenol | ND | | ug/kg | 420 | 63. | 1 |
| 2-Methylphenol | ND | | ug/kg | 420 | 64. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 600 | 65. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 420 | 80. | 1 |
| Carbazole | 1200 | | ug/kg | 420 | 40. | 1 |
| Atrazine | ND | | ug/kg | 330 | 140 | 1 |
| Benzaldehyde | ND | | ug/kg | 550 | 110 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-14 Date Collected: 07/19/24 08:55

Client ID: TRENCH-13 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 420 | 130 | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 420 | 84. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 76 | | 25-120 |
| Phenol-d6 | 77 | | 10-120 |
| Nitrobenzene-d5 | 80 | | 23-120 |
| 2-Fluorobiphenyl | 68 | | 30-120 |
| 2,4,6-Tribromophenol | 87 | | 10-136 |
| 4-Terphenyl-d14 | 69 | | 18-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

**SAMPLE RESULTS**

Lab ID: L2441487-15
Client ID: TRENCH-14 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 09:45
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/29/24 18:25
Analyst: SZ
Percent Solids: 59%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 03:18

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | 1200 | | ug/kg | 440 | 58. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 330 | 62. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 500 | 75. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 560 | 55. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 560 | 150 | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 560 | 110 | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 560 | 95. | 1 |
| Fluoranthene | 26000 | E | ug/kg | 330 | 64. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 560 | 60. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 560 | 85. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 670 | 95. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 600 | 56. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 560 | 81. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 1600 | 500 | 1 |
| Hexachloroethane | ND | | ug/kg | 440 | 90. | 1 |
| Isophorone | ND | | ug/kg | 500 | 72. | 1 |
| Naphthalene | 170 | J | ug/kg | 560 | 68. | 1 |
| Nitrobenzene | ND | | ug/kg | 500 | 82. | 1 |
| NDPA/DPA | ND | | ug/kg | 440 | 63. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 560 | 86. | 1 |
| Bis(2-ethylhexyl)phthalate | 450 | J | ug/kg | 560 | 190 | 1 |
| Butyl benzyl phthalate | 190 | J | ug/kg | 560 | 140 | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 560 | 100 | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 560 | 190 | 1 |
| Diethyl phthalate | ND | | ug/kg | 560 | 52. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 560 | 120 | 1 |
| Benzo(a)anthracene | 11000 | | ug/kg | 330 | 63. | 1 |
| Benzo(a)pyrene | 11000 | | ug/kg | 440 | 140 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-15 Date Collected: 07/19/24 09:45

Client ID: TRENCH-14 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | 17000 | | ug/kg | 330 | 94. | 1 |
| Benzo(k)fluoranthene | 4800 | | ug/kg | 330 | 89. | 1 |
| Chrysene | 13000 | | ug/kg | 330 | 58. | 1 |
| Acenaphthylene | 230 | J | ug/kg | 440 | 86. | 1 |
| Anthracene | 3800 | | ug/kg | 330 | 110 | 1 |
| Benzo(ghi)perylene | 9000 | | ug/kg | 440 | 65. | 1 |
| Fluorene | 1400 | | ug/kg | 560 | 54. | 1 |
| Phenanthrene | 15000 | | ug/kg | 330 | 68. | 1 |
| Dibenzo(a,h)anthracene | 2000 | | ug/kg | 330 | 64. | 1 |
| Indeno(1,2,3-cd)pyrene | 8500 | | ug/kg | 440 | 78. | 1 |
| Pyrene | 21000 | | ug/kg | 330 | 55. | 1 |
| Biphenyl | ND | | ug/kg | 1300 | 72. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 560 | 100 | 1 |
| 2-Nitroaniline | ND | | ug/kg | 560 | 110 | 1 |
| 3-Nitroaniline | ND | | ug/kg | 560 | 100 | 1 |
| 4-Nitroaniline | ND | | ug/kg | 560 | 230 | 1 |
| Dibenzofuran | 570 | | ug/kg | 560 | 53. | 1 |
| 2-Methylnaphthalene | 120 | J | ug/kg | 670 | 67. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 560 | 58. | 1 |
| Acetophenone | ND | | ug/kg | 560 | 69. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 330 | 100 | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 560 | 83. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 560 | 66. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 500 | 89. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 560 | 180 | 1 |
| 2-Nitrophenol | ND | | ug/kg | 1200 | 210 | 1 |
| 4-Nitrophenol | ND | | ug/kg | 780 | 230 | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 2700 | 260 | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 1400 | 270 | 1 |
| Pentachlorophenol | ND | | ug/kg | 440 | 120 | 1 |
| Phenol | ND | | ug/kg | 560 | 84. | 1 |
| 2-Methylphenol | ND | | ug/kg | 560 | 86. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 800 | 87. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 560 | 110 | 1 |
| Carbazole | 3200 | | ug/kg | 560 | 54. | 1 |
| Atrazine | ND | | ug/kg | 440 | 190 | 1 |
| Benzaldehyde | 150 | J | ug/kg | 730 | 150 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-15 Date Collected: 07/19/24 09:45

Client ID: TRENCH-14 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 560 | 170 | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 560 | 110 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 92 | | 25-120 |
| Phenol-d6 | 92 | | 10-120 |
| Nitrobenzene-d5 | 100 | | 23-120 |
| 2-Fluorobiphenyl | 87 | | 30-120 |
| 2,4,6-Tribromophenol | 114 | | 10-136 |
| 4-Terphenyl-d14 | 89 | | 18-120 |

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2441487
**Project Number:** 100.002
**Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-15 D
Client ID: TRENCH-14 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 09:45
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/30/24 14:29
Analyst: JG
Percent Solids: 59%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 03:18

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Fluoranthene | 29000 | | ug/kg | 1700 | 320 | 5 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-16
Client ID: TRENCH-15 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 10:40
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/29/24 18:50
Analyst: SZ
Percent Solids: 72%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 03:18

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | 60 | J | ug/kg | 180 | 24. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 140 | 26. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 210 | 31. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 230 | 23. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 230 | 61. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 230 | 46. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 230 | 39. | 1 |
| Fluoranthene | 5500 | | ug/kg | 140 | 26. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 230 | 24. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 230 | 35. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 280 | 39. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 250 | 23. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 230 | 34. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 660 | 210 | 1 |
| Hexachloroethane | ND | | ug/kg | 180 | 37. | 1 |
| Isophorone | ND | | ug/kg | 210 | 30. | 1 |
| Naphthalene | ND | | ug/kg | 230 | 28. | 1 |
| Nitrobenzene | ND | | ug/kg | 210 | 34. | 1 |
| NDPA/DPA | ND | | ug/kg | 180 | 26. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 230 | 35. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 230 | 79. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 230 | 58. | 1 |
| Di-n-butylphthalate | 65 | J | ug/kg | 230 | 44. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 230 | 78. | 1 |
| Diethyl phthalate | ND | | ug/kg | 230 | 21. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 230 | 48. | 1 |
| Benzo(a)anthracene | 1900 | | ug/kg | 140 | 26. | 1 |
| Benzo(a)pyrene | 2400 | | ug/kg | 180 | 56. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-16 Date Collected: 07/19/24 10:40

Client ID: TRENCH-15 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | 3800 | | ug/kg | 140 | 39. | 1 |
| Benzo(k)fluoranthene | 1400 | | ug/kg | 140 | 37. | 1 |
| Chrysene | 3000 | | ug/kg | 140 | 24. | 1 |
| Acenaphthylene | 50 | J | ug/kg | 180 | 35. | 1 |
| Anthracene | 250 | | ug/kg | 140 | 45. | 1 |
| Benzo(ghi)perylene | 2100 | | ug/kg | 180 | 27. | 1 |
| Fluorene | 80 | J | ug/kg | 230 | 22. | 1 |
| Phenanthrene | 2000 | | ug/kg | 140 | 28. | 1 |
| Dibenzo(a,h)anthracene | 400 | | ug/kg | 140 | 26. | 1 |
| Indeno(1,2,3-cd)pyrene | 1900 | | ug/kg | 180 | 32. | 1 |
| Pyrene | 4400 | | ug/kg | 140 | 23. | 1 |
| Biphenyl | ND | | ug/kg | 520 | 30. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 230 | 42. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 230 | 44. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 230 | 43. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 230 | 95. | 1 |
| Dibenzofuran | 42 | J | ug/kg | 230 | 22. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 280 | 28. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 230 | 24. | 1 |
| Acetophenone | ND | | ug/kg | 230 | 28. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 140 | 44. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 230 | 34. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 230 | 27. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 210 | 37. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 230 | 76. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 500 | 86. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 320 | 94. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 1100 | 110 | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 600 | 110 | 1 |
| Pentachlorophenol | ND | | ug/kg | 180 | 50. | 1 |
| Phenol | ND | | ug/kg | 230 | 35. | 1 |
| 2-Methylphenol | ND | | ug/kg | 230 | 36. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 330 | 36. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 230 | 44. | 1 |
| Carbazole | 510 | | ug/kg | 230 | 22. | 1 |
| Atrazine | ND | | ug/kg | 180 | 80. | 1 |
| Benzaldehyde | ND | | ug/kg | 300 | 62. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-16 Date Collected: 07/19/24 10:40

Client ID: TRENCH-15 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 230 | 70. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 230 | 46. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 68 | | 25-120 |
| Phenol-d6 | 69 | | 10-120 |
| Nitrobenzene-d5 | 74 | | 23-120 |
| 2-Fluorobiphenyl | 66 | | 30-120 |
| 2,4,6-Tribromophenol | 75 | | 10-136 |
| 4-Terphenyl-d14 | 65 | | 18-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

**SAMPLE RESULTS**

Lab ID: L2441487-17
Client ID: TRENCH-16 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 11:30
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/29/24 19:15
Analyst: JG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 03:18

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | 150 | | ug/kg | 150 | 19. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 110 | 21. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 170 | 25. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 190 | 18. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 190 | 50. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 190 | 37. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 190 | 32. | 1 |
| Fluoranthene | 7800 | E | ug/kg | 110 | 21. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 190 | 20. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 190 | 28. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 220 | 32. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 200 | 19. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 190 | 27. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 530 | 170 | 1 |
| Hexachloroethane | ND | | ug/kg | 150 | 30. | 1 |
| Isophorone | ND | | ug/kg | 170 | 24. | 1 |
| Naphthalene | 75 | J | ug/kg | 190 | 23. | 1 |
| Nitrobenzene | ND | | ug/kg | 170 | 28. | 1 |
| NDPA/DPA | ND | | ug/kg | 150 | 21. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 190 | 29. | 1 |
| Bis(2-ethylhexyl)phthalate | 550 | | ug/kg | 190 | 65. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 190 | 47. | 1 |
| Di-n-butylphthalate | 87 | J | ug/kg | 190 | 35. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 190 | 63. | 1 |
| Diethyl phthalate | ND | | ug/kg | 190 | 17. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 190 | 39. | 1 |
| Benzo(a)anthracene | 3300 | | ug/kg | 110 | 21. | 1 |
| Benzo(a)pyrene | 3800 | | ug/kg | 150 | 46. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-17 Date Collected: 07/19/24 11:30

Client ID: TRENCH-16 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | 6600 | | ug/kg | 110 | 31. | 1 |
| Benzo(k)fluoranthene | 1600 | | ug/kg | 110 | 30. | 1 |
| Chrysene | 4500 | | ug/kg | 110 | 19. | 1 |
| Acenaphthylene | 120 | J | ug/kg | 150 | 29. | 1 |
| Anthracene | 580 | | ug/kg | 110 | 36. | 1 |
| Benzo(ghi)perylene | 3600 | | ug/kg | 150 | 22. | 1 |
| Fluorene | 170 | J | ug/kg | 190 | 18. | 1 |
| Phenanthrene | 3500 | | ug/kg | 110 | 23. | 1 |
| Dibenzo(a,h)anthracene | 730 | | ug/kg | 110 | 22. | 1 |
| Indeno(1,2,3-cd)pyrene | 3400 | | ug/kg | 150 | 26. | 1 |
| Pyrene | 6400 | | ug/kg | 110 | 18. | 1 |
| Biphenyl | ND | | ug/kg | 420 | 24. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 190 | 34. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 190 | 36. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 190 | 35. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 190 | 77. | 1 |
| Dibenzofuran | 100 | J | ug/kg | 190 | 18. | 1 |
| 2-Methylnaphthalene | 60 | J | ug/kg | 220 | 22. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 190 | 19. | 1 |
| Acetophenone | ND | | ug/kg | 190 | 23. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 110 | 35. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 190 | 28. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 190 | 22. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 170 | 30. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 190 | 62. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 400 | 70. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 260 | 76. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 900 | 87. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 480 | 90. | 1 |
| Pentachlorophenol | ND | | ug/kg | 150 | 41. | 1 |
| Phenol | ND | | ug/kg | 190 | 28. | 1 |
| 2-Methylphenol | ND | | ug/kg | 190 | 29. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 270 | 29. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 190 | 36. | 1 |
| Carbazole | 970 | | ug/kg | 190 | 18. | 1 |
| Atrazine | ND | | ug/kg | 150 | 65. | 1 |
| Benzaldehyde | ND | | ug/kg | 250 | 50. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-17 Date Collected: 07/19/24 11:30

Client ID: TRENCH-16 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 190 | 57. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 190 | 38. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 79 | | 25-120 |
| Phenol-d6 | 78 | | 10-120 |
| Nitrobenzene-d5 | 84 | | 23-120 |
| 2-Fluorobiphenyl | 75 | | 30-120 |
| 2,4,6-Tribromophenol | 89 | | 10-136 |
| 4-Terphenyl-d14 | 82 | | 18-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

**SAMPLE RESULTS**

Lab ID: L2441487-17 D
Client ID: TRENCH-16 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 11:30
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/30/24 14:48
Analyst: JG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 03:18

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Fluoranthene | 11000 | | ug/kg | 560 | 110 | 5 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-18
Client ID: TRENCH-17 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 12:40
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/29/24 19:40
Analyst: JG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 03:18

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | 200 | | ug/kg | 140 | 18. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 110 | 20. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 160 | 24. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 180 | 18. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 180 | 48. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 180 | 36. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 180 | 31. | 1 |
| Fluoranthene | 8500 | E | ug/kg | 110 | 20. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 180 | 19. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 180 | 27. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 210 | 30. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 190 | 18. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 180 | 26. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 510 | 160 | 1 |
| Hexachloroethane | ND | | ug/kg | 140 | 29. | 1 |
| Isophorone | ND | | ug/kg | 160 | 23. | 1 |
| Naphthalene | 84 | J | ug/kg | 180 | 22. | 1 |
| Nitrobenzene | ND | | ug/kg | 160 | 26. | 1 |
| NDPA/DPA | ND | | ug/kg | 140 | 20. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-ethylhexyl)phthalate | 520 | | ug/kg | 180 | 62. | 1 |
| Butyl benzyl phthalate | 61 | J | ug/kg | 180 | 45. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 180 | 34. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 180 | 61. | 1 |
| Diethyl phthalate | ND | | ug/kg | 180 | 16. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 180 | 38. | 1 |
| Benzo(a)anthracene | 4300 | | ug/kg | 110 | 20. | 1 |
| Benzo(a)pyrene | 4700 | | ug/kg | 140 | 44. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

**SAMPLE RESULTS**

Lab ID: L2441487-18 Date Collected: 07/19/24 12:40

Client ID: TRENCH-17 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | 8100 | E | ug/kg | 110 | 30. | 1 |
| Benzo(k)fluoranthene | 1500 | | ug/kg | 110 | 29. | 1 |
| Chrysene | 5100 | | ug/kg | 110 | 19. | 1 |
| Acenaphthylene | 140 | | ug/kg | 140 | 28. | 1 |
| Anthracene | 750 | | ug/kg | 110 | 35. | 1 |
| Benzo(ghi)perylene | 4300 | | ug/kg | 140 | 21. | 1 |
| Fluorene | 260 | | ug/kg | 180 | 17. | 1 |
| Phenanthrene | 4000 | | ug/kg | 110 | 22. | 1 |
| Dibenzo(a,h)anthracene | 920 | | ug/kg | 110 | 21. | 1 |
| Indeno(1,2,3-cd)pyrene | 4100 | | ug/kg | 140 | 25. | 1 |
| Pyrene | 7000 | | ug/kg | 110 | 18. | 1 |
| Biphenyl | 26 | J | ug/kg | 410 | 23. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 180 | 32. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 180 | 34. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 180 | 34. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 180 | 74. | 1 |
| Dibenzofuran | 140 | J | ug/kg | 180 | 17. | 1 |
| 2-Methylnaphthalene | 67 | J | ug/kg | 210 | 22. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 180 | 19. | 1 |
| Acetophenone | ND | | ug/kg | 180 | 22. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 110 | 34. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 180 | 27. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 180 | 21. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 160 | 29. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 180 | 59. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 390 | 67. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 250 | 73. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 860 | 83. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 460 | 86. | 1 |
| Pentachlorophenol | ND | | ug/kg | 140 | 39. | 1 |
| Phenol | ND | | ug/kg | 180 | 27. | 1 |
| 2-Methylphenol | ND | | ug/kg | 180 | 28. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 260 | 28. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 180 | 34. | 1 |
| Carbazole | 1000 | | ug/kg | 180 | 17. | 1 |
| Atrazine | ND | | ug/kg | 140 | 63. | 1 |
| Benzaldehyde | ND | | ug/kg | 240 | 48. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-18 Date Collected: 07/19/24 12:40

Client ID: TRENCH-17 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 180 | 54. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 180 | 36. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 70 | | 25-120 |
| Phenol-d6 | 70 | | 10-120 |
| Nitrobenzene-d5 | 77 | | 23-120 |
| 2-Fluorobiphenyl | 68 | | 30-120 |
| 2,4,6-Tribromophenol | 79 | | 10-136 |
| 4-Terphenyl-d14 | 72 | | 18-120 |

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2441487
**Project Number:** 100.002
**Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-18 D
Client ID: TRENCH-17 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 12:40
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/30/24 15:06
Analyst: JG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 03:18

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Fluoranthene | 14000 | | ug/kg | 540 | 100 | 5 |
| Benzo(b)fluoranthene | 8400 | | ug/kg | 540 | 150 | 5 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/30/24 12:07
Analyst: MRG

Extraction Method: EPA 3546
Extraction Date: 07/27/24 20:39

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1952281-1 | | | | | |
| Acenaphthene | ND | | ug/kg | 130 | 17. |
| Hexachlorobenzene | ND | | ug/kg | 99 | 18. |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 150 | 22. |
| 2-Chloronaphthalene | ND | | ug/kg | 160 | 16. |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 160 | 44. |
| 2,4-Dinitrotoluene | ND | | ug/kg | 160 | 33. |
| 2,6-Dinitrotoluene | ND | | ug/kg | 160 | 28. |
| Fluoranthene | ND | | ug/kg | 99 | 19. |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 160 | 18. |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 160 | 25. |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 200 | 28. |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 180 | 16. |
| Hexachlorobutadiene | ND | | ug/kg | 160 | 24. |
| Hexachlorocyclopentadiene | ND | | ug/kg | 470 | 150 |
| Hexachloroethane | ND | | ug/kg | 130 | 27. |
| Isophorone | ND | | ug/kg | 150 | 21. |
| Naphthalene | ND | | ug/kg | 160 | 20. |
| Nitrobenzene | ND | | ug/kg | 150 | 24. |
| NDPA/DPA | ND | | ug/kg | 130 | 19. |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 160 | 25. |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 160 | 57. |
| Butyl benzyl phthalate | ND | | ug/kg | 160 | 42. |
| Di-n-butylphthalate | ND | | ug/kg | 160 | 31. |
| Di-n-octylphthalate | ND | | ug/kg | 160 | 56. |
| Diethyl phthalate | ND | | ug/kg | 160 | 15. |
| Dimethyl phthalate | ND | | ug/kg | 160 | 35. |
| Benzo(a)anthracene | ND | | ug/kg | 99 | 18. |
| Benzo(a)pyrene | ND | | ug/kg | 130 | 40. |
| Benzo(b)fluoranthene | ND | | ug/kg | 99 | 28. |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/30/24 12:07
Analyst: MRG

Extraction Method: EPA 3546
Extraction Date: 07/27/24 20:39

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1952281-1 | | | | | |
| Benzo(k)fluoranthene | ND | | ug/kg | 99 | 26. |
| Chrysene | ND | | ug/kg | 99 | 17. |
| Acenaphthylene | ND | | ug/kg | 130 | 25. |
| Anthracene | ND | | ug/kg | 99 | 32. |
| Benzo(ghi)perylene | ND | | ug/kg | 130 | 19. |
| Fluorene | ND | | ug/kg | 160 | 16. |
| Phenanthrene | ND | | ug/kg | 99 | 20. |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 99 | 19. |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 130 | 23. |
| Pyrene | ND | | ug/kg | 99 | 16. |
| Biphenyl | ND | | ug/kg | 380 | 21. |
| 4-Chloroaniline | ND | | ug/kg | 160 | 30. |
| 2-Nitroaniline | ND | | ug/kg | 160 | 32. |
| 3-Nitroaniline | ND | | ug/kg | 160 | 31. |
| 4-Nitroaniline | ND | | ug/kg | 160 | 68. |
| Dibenzofuran | ND | | ug/kg | 160 | 16. |
| 2-Methylnaphthalene | ND | | ug/kg | 200 | 20. |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 160 | 17. |
| Acetophenone | ND | | ug/kg | 160 | 20. |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 99 | 31. |
| p-Chloro-m-cresol | ND | | ug/kg | 160 | 24. |
| 2-Chlorophenol | ND | | ug/kg | 160 | 19. |
| 2,4-Dichlorophenol | ND | | ug/kg | 150 | 26. |
| 2,4-Dimethylphenol | ND | | ug/kg | 160 | 54. |
| 2-Nitrophenol | ND | | ug/kg | 360 | 62. |
| 4-Nitrophenol | ND | | ug/kg | 230 | 67. |
| 2,4-Dinitrophenol | ND | | ug/kg | 790 | 77. |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 430 | 79. |
| Pentachlorophenol | ND | | ug/kg | 130 | 36. |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/30/24 12:07
Analyst: MRG

Extraction Method: EPA 3546
Extraction Date: 07/27/24 20:39

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1952281-1 | | | | | |
| Phenol | ND | | ug/kg | 160 | 25. |
| 2-Methylphenol | ND | | ug/kg | 160 | 26. |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 240 | 26. |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 160 | 32. |
| Carbazole | ND | | ug/kg | 160 | 16. |
| Atrazine | ND | | ug/kg | 130 | 58. |
| Benzaldehyde | ND | | ug/kg | 220 | 44. |
| Caprolactam | ND | | ug/kg | 160 | 50. |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 160 | 33. |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 75 | | 25-120 |
| Phenol-d6 | 85 | | 10-120 |
| Nitrobenzene-d5 | 87 | | 23-120 |
| 2-Fluorobiphenyl | 85 | | 30-120 |
| 2,4,6-Tribromophenol | 60 | | 10-136 |
| 4-Terphenyl-d14 | 86 | | 18-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/29/24 13:27
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 07/29/24 03:18

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11-18 Batch: WG1952450-1 | | | | | |
| Acenaphthene | ND | | ug/kg | 130 | 17. |
| Hexachlorobenzene | ND | | ug/kg | 99 | 18. |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 150 | 22. |
| 2-Chloronaphthalene | ND | | ug/kg | 160 | 16. |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 160 | 44. |
| 2,4-Dinitrotoluene | ND | | ug/kg | 160 | 33. |
| 2,6-Dinitrotoluene | ND | | ug/kg | 160 | 28. |
| Fluoranthene | ND | | ug/kg | 99 | 19. |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 160 | 18. |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 160 | 25. |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 200 | 28. |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 180 | 16. |
| Hexachlorobutadiene | ND | | ug/kg | 160 | 24. |
| Hexachlorocyclopentadiene | ND | | ug/kg | 470 | 150 |
| Hexachloroethane | ND | | ug/kg | 130 | 27. |
| Isophorone | ND | | ug/kg | 150 | 21. |
| Naphthalene | ND | | ug/kg | 160 | 20. |
| Nitrobenzene | ND | | ug/kg | 150 | 24. |
| NDPA/DPA | ND | | ug/kg | 130 | 19. |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 160 | 26. |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 160 | 57. |
| Butyl benzyl phthalate | ND | | ug/kg | 160 | 42. |
| Di-n-butylphthalate | ND | | ug/kg | 160 | 31. |
| Di-n-octylphthalate | ND | | ug/kg | 160 | 56. |
| Diethyl phthalate | ND | | ug/kg | 160 | 15. |
| Dimethyl phthalate | ND | | ug/kg | 160 | 35. |
| Benzo(a)anthracene | ND | | ug/kg | 99 | 19. |
| Benzo(a)pyrene | ND | | ug/kg | 130 | 40. |
| Benzo(b)fluoranthene | ND | | ug/kg | 99 | 28. |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/29/24 13:27
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 07/29/24 03:18

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11-18 Batch: WG1952450-1 | | | | | |
| Benzo(k)fluoranthene | ND | | ug/kg | 99 | 26. |
| Chrysene | ND | | ug/kg | 99 | 17. |
| Acenaphthylene | ND | | ug/kg | 130 | 26. |
| Anthracene | ND | | ug/kg | 99 | 32. |
| Benzo(ghi)perylene | ND | | ug/kg | 130 | 19. |
| Fluorene | ND | | ug/kg | 160 | 16. |
| Phenanthrene | ND | | ug/kg | 99 | 20. |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 99 | 19. |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 130 | 23. |
| Pyrene | ND | | ug/kg | 99 | 16. |
| Biphenyl | ND | | ug/kg | 380 | 22. |
| 4-Chloroaniline | ND | | ug/kg | 160 | 30. |
| 2-Nitroaniline | ND | | ug/kg | 160 | 32. |
| 3-Nitroaniline | ND | | ug/kg | 160 | 31. |
| 4-Nitroaniline | ND | | ug/kg | 160 | 68. |
| Dibenzofuran | ND | | ug/kg | 160 | 16. |
| 2-Methylnaphthalene | ND | | ug/kg | 200 | 20. |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 160 | 17. |
| Acetophenone | ND | | ug/kg | 160 | 20. |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 99 | 31. |
| p-Chloro-m-cresol | ND | | ug/kg | 160 | 25. |
| 2-Chlorophenol | ND | | ug/kg | 160 | 20. |
| 2,4-Dichlorophenol | ND | | ug/kg | 150 | 27. |
| 2,4-Dimethylphenol | ND | | ug/kg | 160 | 54. |
| 2-Nitrophenol | ND | | ug/kg | 360 | 62. |
| 4-Nitrophenol | ND | | ug/kg | 230 | 68. |
| 2,4-Dinitrophenol | ND | | ug/kg | 790 | 77. |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 430 | 79. |
| Pentachlorophenol | ND | | ug/kg | 130 | 36. |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/29/24 13:27
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 07/29/24 03:18

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11-18 Batch: WG1952450-1 | | | | | |
| Phenol | ND | | ug/kg | 160 | 25. |
| 2-Methylphenol | ND | | ug/kg | 160 | 26. |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 240 | 26. |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 160 | 32. |
| Carbazole | ND | | ug/kg | 160 | 16. |
| Atrazine | ND | | ug/kg | 130 | 58. |
| Benzaldehyde | ND | | ug/kg | 220 | 45. |
| Caprolactam | ND | | ug/kg | 160 | 50. |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 160 | 33. |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 71 | | 25-120 |
| Phenol-d6 | 75 | | 10-120 |
| Nitrobenzene-d5 | 76 | | 23-120 |
| 2-Fluorobiphenyl | 74 | | 30-120 |
| 2,4,6-Tribromophenol | 75 | | 10-136 |
| 4-Terphenyl-d14 | 92 | | 18-120 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2441487
**Report Date:** 08/05/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1952281-2 WG1952281-3 | | | | | | | | |
| Acenaphthene | 70 | | 64 | | 31-137 | 9 | | 50 |
| Hexachlorobenzene | 69 | | 66 | | 40-140 | 4 | | 50 |
| Bis(2-chloroethyl)ether | 67 | | 67 | | 40-140 | 0 | | 50 |
| 2-Chloronaphthalene | 74 | | 69 | | 40-140 | 7 | | 50 |
| 3,3'-Dichlorobenzidine | 73 | | 61 | | 40-140 | 18 | | 50 |
| 2,4-Dinitrotoluene | 85 | | 79 | | 40-132 | 7 | | 50 |
| 2,6-Dinitrotoluene | 85 | | 79 | | 40-140 | 7 | | 50 |
| Fluoranthene | 75 | | 70 | | 40-140 | 7 | | 50 |
| 4-Chlorophenyl phenyl ether | 70 | | 65 | | 40-140 | 7 | | 50 |
| 4-Bromophenyl phenyl ether | 73 | | 66 | | 40-140 | 10 | | 50 |
| Bis(2-chloroisopropyl)ether | 52 | | 50 | | 40-140 | 4 | | 50 |
| Bis(2-chloroethoxy)methane | 72 | | 70 | | 40-117 | 3 | | 50 |
| Hexachlorobutadiene | 68 | | 65 | | 40-140 | 5 | | 50 |
| Hexachlorocyclopentadiene | 54 | | 56 | | 40-140 | 4 | | 50 |
| Hexachloroethane | 66 | | 65 | | 40-140 | 2 | | 50 |
| Isophorone | 75 | | 71 | | 40-140 | 5 | | 50 |
| Naphthalene | 71 | | 67 | | 40-140 | 6 | | 50 |
| Nitrobenzene | 77 | | 72 | | 40-140 | 7 | | 50 |
| NDPA/DPA | 73 | | 68 | | 36-157 | 7 | | 50 |
| n-Nitrosodi-n-propylamine | 74 | | 70 | | 32-121 | 6 | | 50 |
| Bis(2-ethylhexyl)phthalate | 82 | | 77 | | 40-140 | 6 | | 50 |
| Butyl benzyl phthalate | 90 | | 82 | | 40-140 | 9 | | 50 |
| Di-n-butylphthalate | 77 | | 70 | | 40-140 | 10 | | 50 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2441487

**Report Date:** 08/05/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1952281-2 WG1952281-3 | | | | | | | | |
| Di-n-octylphthalate | 88 | | 81 | | 40-140 | 8 | | 50 |
| Diethyl phthalate | 71 | | 65 | | 40-140 | 9 | | 50 |
| Dimethyl phthalate | 76 | | 72 | | 40-140 | 5 | | 50 |
| Benzo(a)anthracene | 71 | | 66 | | 40-140 | 7 | | 50 |
| Benzo(a)pyrene | 75 | | 69 | | 40-140 | 8 | | 50 |
| Benzo(b)fluoranthene | 76 | | 68 | | 40-140 | 11 | | 50 |
| Benzo(k)fluoranthene | 73 | | 68 | | 40-140 | 7 | | 50 |
| Chrysene | 72 | | 67 | | 40-140 | 7 | | 50 |
| Acenaphthylene | 73 | | 67 | | 40-140 | 9 | | 50 |
| Anthracene | 75 | | 68 | | 40-140 | 10 | | 50 |
| Benzo(ghi)perylene | 76 | | 69 | | 40-140 | 10 | | 50 |
| Fluorene | 73 | | 67 | | 40-140 | 9 | | 50 |
| Phenanthrene | 73 | | 66 | | 40-140 | 10 | | 50 |
| Dibenzo(a,h)anthracene | 76 | | 70 | | 40-140 | 8 | | 50 |
| Indeno(1,2,3-cd)pyrene | 78 | | 71 | | 40-140 | 9 | | 50 |
| Pyrene | 76 | | 70 | | 35-142 | 8 | | 50 |
| Biphenyl | 73 | | 68 | | 37-127 | 7 | | 50 |
| 4-Chloroaniline | 70 | | 63 | | 40-140 | 11 | | 50 |
| 2-Nitroaniline | 91 | | 85 | | 47-134 | 7 | | 50 |
| 3-Nitroaniline | 80 | | 71 | | 26-129 | 12 | | 50 |
| 4-Nitroaniline | 80 | | 73 | | 41-125 | 9 | | 50 |
| Dibenzofuran | 70 | | 65 | | 40-140 | 7 | | 50 |
| 2-Methylnaphthalene | 75 | | 69 | | 40-140 | 8 | | 50 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2441487

**Report Date:** 08/05/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1952281-2 WG1952281-3 | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | 73 | | 68 | | 40-117 | 7 | | 50 |
| Acetophenone | 73 | | 73 | | 14-144 | 0 | | 50 |
| 2,4,6-Trichlorophenol | 72 | | 65 | | 30-130 | 10 | | 50 |
| p-Chloro-m-cresol | 77 | | 71 | | 26-103 | 8 | | 50 |
| 2-Chlorophenol | 70 | | 67 | | 25-102 | 4 | | 50 |
| 2,4-Dichlorophenol | 70 | | 67 | | 30-130 | 4 | | 50 |
| 2,4-Dimethylphenol | 85 | | 80 | | 30-130 | 6 | | 50 |
| 2-Nitrophenol | 83 | | 78 | | 30-130 | 6 | | 50 |
| 4-Nitrophenol | 73 | | 68 | | 11-114 | 7 | | 50 |
| 2,4-Dinitrophenol | 48 | | 45 | | 4-130 | 6 | | 50 |
| 4,6-Dinitro-o-cresol | 75 | | 65 | | 10-130 | 14 | | 50 |
| Pentachlorophenol | 55 | | 53 | | 17-109 | 4 | | 50 |
| Phenol | 71 | | 66 | | 26-90 | 7 | | 50 |
| 2-Methylphenol | 79 | | 76 | | 30-130. | 4 | | 50 |
| 3-Methylphenol/4-Methylphenol | 78 | | 74 | | 30-130 | 5 | | 50 |
| 2,4,5-Trichlorophenol | 68 | | 63 | | 30-130 | 8 | | 50 |
| Carbazole | 76 | | 69 | | 54-128 | 10 | | 50 |
| Atrazine | 69 | | 65 | | 40-140 | 6 | | 50 |
| Benzaldehyde | 71 | | 66 | | 40-140 | 7 | | 50 |
| Caprolactam | 62 | | 59 | | 15-130 | 5 | | 50 |
| 2,3,4,6-Tetrachlorophenol | 68 | | 60 | | 40-140 | 13 | | 50 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2441487

**Report Date:** 08/05/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1952281-2 WG1952281-3 | | | | | | | | |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 2-Fluorophenol | 65 | | 62 | | 25-120 |
| Phenol-d6 | 72 | | 68 | | 10-120 |
| Nitrobenzene-d5 | 73 | | 69 | | 23-120 |
| 2-Fluorobiphenyl | 67 | | 64 | | 30-120 |
| 2,4,6-Tribromophenol | 55 | | 49 | | 10-136 |
| 4-Terphenyl-d14 | 65 | | 60 | | 18-120 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2441487

**Report Date:** 08/05/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-18 Batch: WG1952450-2 WG1952450-3 | | | | | | | | |
| Acenaphthene | 78 | | 74 | | 31-137 | 5 | | 50 |
| Hexachlorobenzene | 83 | | 78 | | 40-140 | 6 | | 50 |
| Bis(2-chloroethyl)ether | 72 | | 72 | | 40-140 | 0 | | 50 |
| 2-Chloronaphthalene | 75 | | 72 | | 40-140 | 4 | | 50 |
| 3,3'-Dichlorobenzidine | 74 | | 79 | | 40-140 | 7 | | 50 |
| 2,4-Dinitrotoluene | 90 | | 84 | | 40-132 | 7 | | 50 |
| 2,6-Dinitrotoluene | 88 | | 83 | | 40-140 | 6 | | 50 |
| Fluoranthene | 85 | | 81 | | 40-140 | 5 | | 50 |
| 4-Chlorophenyl phenyl ether | 77 | | 74 | | 40-140 | 4 | | 50 |
| 4-Bromophenyl phenyl ether | 78 | | 73 | | 40-140 | 7 | | 50 |
| Bis(2-chloroisopropyl)ether | 48 | | 48 | | 40-140 | 0 | | 50 |
| Bis(2-chloroethoxy)methane | 76 | | 73 | | 40-117 | 4 | | 50 |
| Hexachlorobutadiene | 72 | | 71 | | 40-140 | 1 | | 50 |
| Hexachlorocyclopentadiene | 59 | | 58 | | 40-140 | 2 | | 50 |
| Hexachloroethane | 70 | | 72 | | 40-140 | 3 | | 50 |
| Isophorone | 77 | | 73 | | 40-140 | 5 | | 50 |
| Naphthalene | 72 | | 70 | | 40-140 | 3 | | 50 |
| Nitrobenzene | 77 | | 76 | | 40-140 | 1 | | 50 |
| NDPA/DPA | 80 | | 75 | | 36-157 | 6 | | 50 |
| n-Nitrosodi-n-propylamine | 76 | | 74 | | 32-121 | 3 | | 50 |
| Bis(2-ethylhexyl)phthalate | 91 | | 90 | | 40-140 | 1 | | 50 |
| Butyl benzyl phthalate | 101 | | 95 | | 40-140 | 6 | | 50 |
| Di-n-butylphthalate | 92 | | 87 | | 40-140 | 6 | | 50 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2441487

**Report Date:** 08/05/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-18 Batch: WG1952450-2 WG1952450-3 | | | | | | | | |
| Di-n-octylphthalate | 96 | | 91 | | 40-140 | 5 | | 50 |
| Diethyl phthalate | 81 | | 76 | | 40-140 | 6 | | 50 |
| Dimethyl phthalate | 79 | | 74 | | 40-140 | 7 | | 50 |
| Benzo(a)anthracene | 77 | | 72 | | 40-140 | 7 | | 50 |
| Benzo(a)pyrene | 82 | | 75 | | 40-140 | 9 | | 50 |
| Benzo(b)fluoranthene | 77 | | 74 | | 40-140 | 4 | | 50 |
| Benzo(k)fluoranthene | 83 | | 77 | | 40-140 | 8 | | 50 |
| Chrysene | 77 | | 72 | | 40-140 | 7 | | 50 |
| Acenaphthylene | 77 | | 72 | | 40-140 | 7 | | 50 |
| Anthracene | 86 | | 81 | | 40-140 | 6 | | 50 |
| Benzo(ghi)perylene | 81 | | 75 | | 40-140 | 8 | | 50 |
| Fluorene | 78 | | 73 | | 40-140 | 7 | | 50 |
| Phenanthrene | 82 | | 77 | | 40-140 | 6 | | 50 |
| Dibenzo(a,h)anthracene | 81 | | 76 | | 40-140 | 6 | | 50 |
| Indeno(1,2,3-cd)pyrene | 78 | | 73 | | 40-140 | 7 | | 50 |
| Pyrene | 86 | | 82 | | 35-142 | 5 | | 50 |
| Biphenyl | 77 | | 73 | | 37-127 | 5 | | 50 |
| 4-Chloroaniline | 66 | | 65 | | 40-140 | 2 | | 50 |
| 2-Nitroaniline | 88 | | 84 | | 47-134 | 5 | | 50 |
| 3-Nitroaniline | 72 | | 71 | | 26-129 | 1 | | 50 |
| 4-Nitroaniline | 79 | | 72 | | 41-125 | 9 | | 50 |
| Dibenzofuran | 79 | | 74 | | 40-140 | 7 | | 50 |
| 2-Methylnaphthalene | 74 | | 70 | | 40-140 | 6 | | 50 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2441487
**Report Date:** 08/05/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-18 Batch: WG1952450-2 WG1952450-3 | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | 76 | | 74 | | 40-117 | 3 | | 50 |
| Acetophenone | 76 | | 74 | | 14-144 | 3 | | 50 |
| 2,4,6-Trichlorophenol | 79 | | 75 | | 30-130 | 5 | | 50 |
| p-Chloro-m-cresol | 82 | | 78 | | 26-103 | 5 | | 50 |
| 2-Chlorophenol | 76 | | 75 | | 25-102 | 1 | | 50 |
| 2,4-Dichlorophenol | 81 | | 77 | | 30-130 | 5 | | 50 |
| 2,4-Dimethylphenol | 68 | | 65 | | 30-130 | 5 | | 50 |
| 2-Nitrophenol | 86 | | 85 | | 30-130 | 1 | | 50 |
| 4-Nitrophenol | 93 | | 85 | | 11-114 | 9 | | 50 |
| 2,4-Dinitrophenol | 68 | | 68 | | 4-130 | 0 | | 50 |
| 4,6-Dinitro-o-cresol | 91 | | 86 | | 10-130 | 6 | | 50 |
| Pentachlorophenol | 72 | | 67 | | 17-109 | 7 | | 50 |
| Phenol | 77 | | 74 | | 26-90 | 4 | | 50 |
| 2-Methylphenol | 79 | | 74 | | 30-130. | 7 | | 50 |
| 3-Methylphenol/4-Methylphenol | 84 | | 80 | | 30-130 | 5 | | 50 |
| 2,4,5-Trichlorophenol | 83 | | 79 | | 30-130 | 5 | | 50 |
| Carbazole | 84 | | 79 | | 54-128 | 6 | | 50 |
| Atrazine | 79 | | 79 | | 40-140 | 0 | | 50 |
| Benzaldehyde | 64 | | 66 | | 40-140 | 3 | | 50 |
| Caprolactam | 67 | | 63 | | 15-130 | 6 | | 50 |
| 2,3,4,6-Tetrachlorophenol | 88 | | 81 | | 40-140 | 8 | | 50 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2441487

**Report Date:** 08/05/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-18 Batch: WG1952450-2 WG1952450-3 | | | | | | | | |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 2-Fluorophenol | 75 | | 79 | | 25-120 |
| Phenol-d6 | 79 | | 80 | | 10-120 |
| Nitrobenzene-d5 | 79 | | 79 | | 23-120 |
| 2-Fluorobiphenyl | 74 | | 74 | | 30-120 |
| 2,4,6-Tribromophenol | 93 | | 91 | | 10-136 |
| 4-Terphenyl-d14 | 86 | | 85 | | 18-120 |

# PCBS

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-01
Client ID: LAGOON-SW-01-08
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/22/24 09:15
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/29/24 19:03
Analyst: MEO
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 01:11
Cleanup Method: EPA 3665A
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 54.6 | 4.85 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 54.6 | 5.48 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 54.6 | 11.6 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 54.6 | 7.36 | 1 | A |
| Aroclor 1248 | 1370 | | ug/kg | 54.6 | 8.20 | 1 | B |
| Aroclor 1254 | 821 | | ug/kg | 54.6 | 5.98 | 1 | B |
| Aroclor 1260 | 352 | | ug/kg | 54.6 | 10.1 | 1 | B |
| Aroclor 1262 | ND | | ug/kg | 54.6 | 6.94 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 54.6 | 5.66 | 1 | A |
| PCBs, Total | 2540 | | ug/kg | 54.6 | 4.85 | 1 | B |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 64 | | 30-150 | A |
| Decachlorobiphenyl | 72 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 74 | | 30-150 | B |
| Decachlorobiphenyl | 78 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-02
Client ID: TRENCH-01 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 08:40
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/29/24 19:11
Analyst: MEO
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 01:11
Cleanup Method: EPA 3665A
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 62.4 | 5.54 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 62.4 | 6.25 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 62.4 | 13.2 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 62.4 | 8.41 | 1 | A |
| Aroclor 1248 | 13.1 | J | ug/kg | 62.4 | 9.35 | 1 | B |
| Aroclor 1254 | 18.7 | J | ug/kg | 62.4 | 6.82 | 1 | B |
| Aroclor 1260 | 14.5 | J | ug/kg | 62.4 | 11.5 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 62.4 | 7.92 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 62.4 | 6.46 | 1 | A |
| PCBs, Total | 46.3 | J | ug/kg | 62.4 | 5.54 | 1 | B |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 70 | | 30-150 | A |
| Decachlorobiphenyl | 71 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 77 | | 30-150 | B |
| Decachlorobiphenyl | 77 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-03
Client ID: TRENCH-02 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 08:55
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/29/24 19:19
Analyst: MEO
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 01:11
Cleanup Method: EPA 3665A
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 61.0 | 5.42 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 61.0 | 6.12 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 61.0 | 12.9 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 61.0 | 8.23 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 61.0 | 9.16 | 1 | A |
| Aroclor 1254 | 12.8 | J | ug/kg | 61.0 | 6.68 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 61.0 | 11.3 | 1 | B |
| Aroclor 1262 | ND | | ug/kg | 61.0 | 7.75 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 61.0 | 6.32 | 1 | A |
| PCBs, Total | 12.8 | J | ug/kg | 61.0 | 5.42 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 62 | | 30-150 | A |
| Decachlorobiphenyl | 64 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 66 | | 30-150 | B |
| Decachlorobiphenyl | 68 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-04
Client ID: TRENCH-03 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 10:00
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/29/24 19:27
Analyst: MEO
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 01:11
Cleanup Method: EPA 3665A
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 58.6 | 5.21 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 58.6 | 5.88 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 58.6 | 12.4 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 58.6 | 7.91 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 58.6 | 8.80 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 58.6 | 6.42 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 58.6 | 10.8 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 58.6 | 7.45 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 58.6 | 6.08 | 1 | A |
| PCBs, Total | ND | | ug/kg | 58.6 | 5.21 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 66 | | 30-150 | A |
| Decachlorobiphenyl | 68 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 73 | | 30-150 | B |
| Decachlorobiphenyl | 71 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-05
Client ID: TRENCH-04 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 11:50
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/29/24 20:53
Analyst: MEO
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 01:11
Cleanup Method: EPA 3665A
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 59.2 | 5.26 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 59.2 | 5.94 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 59.2 | 12.6 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 59.2 | 7.98 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 59.2 | 8.88 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 59.2 | 6.48 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 59.2 | 10.9 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 59.2 | 7.52 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 59.2 | 6.14 | 1 | A |
| PCBs, Total | ND | | ug/kg | 59.2 | 5.26 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 53 | | 30-150 | A |
| Decachlorobiphenyl | 57 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 55 | | 30-150 | B |
| Decachlorobiphenyl | 57 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-06
Client ID: TRENCH-05 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 12:00
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/29/24 19:34
Analyst: MEO
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 01:11
Cleanup Method: EPA 3665A
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 56.3 | 5.00 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 56.3 | 5.64 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 56.3 | 11.9 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 56.3 | 7.59 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 56.3 | 8.45 | 1 | A |
| Aroclor 1254 | 612 | | ug/kg | 56.3 | 6.16 | 1 | B |
| Aroclor 1260 | 308 | | ug/kg | 56.3 | 10.4 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 56.3 | 7.15 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 56.3 | 5.84 | 1 | A |
| PCBs, Total | 920 | | ug/kg | 56.3 | 5.00 | 1 | B |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 67 | | 30-150 | A |
| Decachlorobiphenyl | 73 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 72 | | 30-150 | B |
| Decachlorobiphenyl | 71 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-07
Client ID: TRENCH-06 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 12:20
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/29/24 19:42
Analyst: MEO
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 01:11
Cleanup Method: EPA 3665A
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 64.0 | 5.68 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 64.0 | 6.41 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 64.0 | 13.6 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 64.0 | 8.62 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 64.0 | 9.59 | 1 | A |
| Aroclor 1254 | 9.48 | J | ug/kg | 64.0 | 7.00 | 1 | B |
| Aroclor 1260 | ND | | ug/kg | 64.0 | 11.8 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 64.0 | 8.12 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 64.0 | 6.62 | 1 | A |
| PCBs, Total | 9.48 | J | ug/kg | 64.0 | 5.68 | 1 | B |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 62 | | 30-150 | A |
| Decachlorobiphenyl | 69 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 68 | | 30-150 | B |
| Decachlorobiphenyl | 71 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-08
Client ID: TRENCH-07 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 13:00
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/29/24 19:50
Analyst: MEO
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 01:11
Cleanup Method: EPA 3665A
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 58.8 | 5.22 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 58.8 | 5.89 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 58.8 | 12.4 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 58.8 | 7.92 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 58.8 | 8.81 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 58.8 | 6.43 | 1 | B |
| Aroclor 1260 | ND | | ug/kg | 58.8 | 10.9 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 58.8 | 7.46 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 58.8 | 6.09 | 1 | A |
| PCBs, Total | ND | | ug/kg | 58.8 | 5.22 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 65 | | 30-150 | A |
| Decachlorobiphenyl | 75 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 70 | | 30-150 | B |
| Decachlorobiphenyl | 70 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-09
Client ID: TRENCH-08 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 13:20
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/29/24 19:58
Analyst: MEO
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 01:11
Cleanup Method: EPA 3665A
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 57.5 | 5.11 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 57.5 | 5.76 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 57.5 | 12.2 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 57.5 | 7.75 | 1 | A |
| Aroclor 1248 | 168 | | ug/kg | 57.5 | 8.63 | 1 | A |
| Aroclor 1254 | 198 | | ug/kg | 57.5 | 6.29 | 1 | A |
| Aroclor 1260 | 199 | | ug/kg | 57.5 | 10.6 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 57.5 | 7.30 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 57.5 | 5.96 | 1 | A |
| PCBs, Total | 565 | | ug/kg | 57.5 | 5.11 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 59 | | 30-150 | A |
| Decachlorobiphenyl | 74 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 61 | | 30-150 | B |
| Decachlorobiphenyl | 72 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-10
Client ID: TRENCH-09 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 13:40
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/29/24 20:06
Analyst: MEO
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 01:11
Cleanup Method: EPA 3665A
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 60.7 | 5.39 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 60.7 | 6.08 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 60.7 | 12.9 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 60.7 | 8.18 | 1 | A |
| Aroclor 1248 | 99.2 | | ug/kg | 60.7 | 9.10 | 1 | B |
| Aroclor 1254 | 149 | | ug/kg | 60.7 | 6.64 | 1 | B |
| Aroclor 1260 | 114 | | ug/kg | 60.7 | 11.2 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 60.7 | 7.70 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 60.7 | 6.28 | 1 | A |
| PCBs, Total | 362 | | ug/kg | 60.7 | 5.39 | 1 | B |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 60 | | 30-150 | A |
| Decachlorobiphenyl | 72 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 63 | | 30-150 | B |
| Decachlorobiphenyl | 92 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-11
Client ID: TRENCH-10 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 14:00
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/29/24 20:14
Analyst: MEO
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 01:11
Cleanup Method: EPA 3665A
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 61.3 | 5.44 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 61.3 | 6.14 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 61.3 | 13.0 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 61.3 | 8.26 | 1 | A |
| Aroclor 1248 | 232 | | ug/kg | 61.3 | 9.20 | 1 | A |
| Aroclor 1254 | 356 | | ug/kg | 61.3 | 6.71 | 1 | A |
| Aroclor 1260 | 66.0 | | ug/kg | 61.3 | 11.3 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 61.3 | 7.78 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 61.3 | 6.35 | 1 | A |
| PCBs, Total | 654 | | ug/kg | 61.3 | 5.44 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 64 | | 30-150 | A |
| Decachlorobiphenyl | 81 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 67 | | 30-150 | B |
| Decachlorobiphenyl | 76 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-12
Client ID: TRENCH-11 (0.5)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 07:40
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/29/24 20:22
Analyst: MEO
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 01:11
Cleanup Method: EPA 3665A
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 53.4 | 4.74 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 53.4 | 5.35 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 53.4 | 11.3 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 53.4 | 7.20 | 1 | A |
| Aroclor 1248 | 23.4 | J | ug/kg | 53.4 | 8.01 | 1 | B |
| Aroclor 1254 | 47.6 | J | ug/kg | 53.4 | 5.84 | 1 | A |
| Aroclor 1260 | 21.8 | J | ug/kg | 53.4 | 9.87 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 53.4 | 6.78 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 53.4 | 5.53 | 1 | A |
| PCBs, Total | 92.8 | J | ug/kg | 53.4 | 4.74 | 1 | B |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 65 | | 30-150 | A |
| Decachlorobiphenyl | 71 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 70 | | 30-150 | B |
| Decachlorobiphenyl | 75 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-13
Client ID: TRENCH-12 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 08:30
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/29/24 20:30
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 01:11
Cleanup Method: EPA 3665A
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 52.7 | 4.68 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 52.7 | 5.28 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 52.7 | 11.2 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 52.7 | 7.10 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 52.7 | 7.90 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 52.7 | 5.76 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 52.7 | 9.73 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 52.7 | 6.69 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 52.7 | 5.46 | 1 | A |
| PCBs, Total | ND | | ug/kg | 52.7 | 4.68 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 47 | | 30-150 | A |
| Decachlorobiphenyl | 56 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 53 | | 30-150 | B |
| Decachlorobiphenyl | 58 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-14
Client ID: TRENCH-13 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 08:55
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/29/24 20:37
Analyst: MEO
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 01:11
Cleanup Method: EPA 3665A
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 62.3 | 5.54 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 62.3 | 6.25 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 62.3 | 13.2 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 62.3 | 8.40 | 1 | A |
| Aroclor 1248 | 106 | | ug/kg | 62.3 | 9.35 | 1 | B |
| Aroclor 1254 | 87.2 | | ug/kg | 62.3 | 6.82 | 1 | B |
| Aroclor 1260 | 25.5 | J | ug/kg | 62.3 | 11.5 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 62.3 | 7.92 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 62.3 | 6.46 | 1 | A |
| PCBs, Total | 219 | J | ug/kg | 62.3 | 5.54 | 1 | B |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 38 | | 30-150 | A |
| Decachlorobiphenyl | 42 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 40 | | 30-150 | B |
| Decachlorobiphenyl | 49 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-15
Client ID: TRENCH-14 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 09:45
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/29/24 20:45
Analyst: MEO
Percent Solids: 59%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 01:11
Cleanup Method: EPA 3665A
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 84.6 | 7.51 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 84.6 | 8.47 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 84.6 | 17.9 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 84.6 | 11.4 | 1 | A |
| Aroclor 1248 | 14.0 | J | ug/kg | 84.6 | 12.7 | 1 | A |
| Aroclor 1254 | 30.2 | J | ug/kg | 84.6 | 9.25 | 1 | A |
| Aroclor 1260 | 22.5 | J | ug/kg | 84.6 | 15.6 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 84.6 | 10.7 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 84.6 | 8.76 | 1 | A |
| PCBs, Total | 66.7 | J | ug/kg | 84.6 | 7.51 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 45 | | 30-150 | A |
| Decachlorobiphenyl | 47 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 41 | | 30-150 | B |
| Decachlorobiphenyl | 49 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-16
Client ID: TRENCH-15 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 10:40
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/30/24 01:03
Analyst: MEO
Percent Solids: 72%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 01:11
Cleanup Method: EPA 3665A
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 68.3 | 6.07 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 68.3 | 6.85 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 68.3 | 14.5 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 68.3 | 9.21 | 1 | A |
| Aroclor 1248 | 51.4 | J | ug/kg | 68.3 | 10.2 | 1 | B |
| Aroclor 1254 | 66.9 | J | ug/kg | 68.3 | 7.48 | 1 | A |
| Aroclor 1260 | 25.8 | J | ug/kg | 68.3 | 12.6 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 68.3 | 8.68 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 68.3 | 7.08 | 1 | A |
| PCBs, Total | 144 | J | ug/kg | 68.3 | 6.07 | 1 | B |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 60 | | 30-150 | A |
| Decachlorobiphenyl | 70 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 65 | | 30-150 | B |
| Decachlorobiphenyl | 75 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-17
Client ID: TRENCH-16 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 11:30
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/30/24 10:26
Analyst: MHG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 11:57
Cleanup Method: EPA 3665A
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/30/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 55.4 | 4.92 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 55.4 | 5.55 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 55.4 | 11.7 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 55.4 | 7.47 | 1 | A |
| Aroclor 1248 | 274 | | ug/kg | 55.4 | 8.31 | 1 | B |
| Aroclor 1254 | 368 | | ug/kg | 55.4 | 6.06 | 1 | B |
| Aroclor 1260 | 81.9 | | ug/kg | 55.4 | 10.2 | 1 | B |
| Aroclor 1262 | ND | | ug/kg | 55.4 | 7.04 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 55.4 | 5.74 | 1 | A |
| PCBs, Total | 724 | | ug/kg | 55.4 | 4.92 | 1 | B |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 67 | | 30-150 | A |
| Decachlorobiphenyl | 66 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 63 | | 30-150 | B |
| Decachlorobiphenyl | 92 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-18
Client ID: TRENCH-17 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 12:40
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/30/24 10:36
Analyst: MHG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 11:57
Cleanup Method: EPA 3665A
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/30/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 51.1 | 4.54 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 51.1 | 5.12 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 51.1 | 10.8 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 51.1 | 6.89 | 1 | A |
| Aroclor 1248 | 244 | | ug/kg | 51.1 | 7.67 | 1 | B |
| Aroclor 1254 | 255 | | ug/kg | 51.1 | 5.59 | 1 | B |
| Aroclor 1260 | 79.0 | | ug/kg | 51.1 | 9.45 | 1 | B |
| Aroclor 1262 | ND | | ug/kg | 51.1 | 6.49 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 51.1 | 5.30 | 1 | A |
| PCBs, Total | 578 | | ug/kg | 51.1 | 4.54 | 1 | B |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 58 | | 30-150 | A |
| Decachlorobiphenyl | 78 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 53 | | 30-150 | B |
| Decachlorobiphenyl | 106 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/29/24 18:08
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 07/29/24 01:11
Cleanup Method: EPA 3665A
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-16 Batch: WG1952444-1 | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 49.6 | 4.40 | A |
| Aroclor 1221 | ND | | ug/kg | 49.6 | 4.96 | A |
| Aroclor 1232 | ND | | ug/kg | 49.6 | 10.5 | A |
| Aroclor 1242 | ND | | ug/kg | 49.6 | 6.68 | A |
| Aroclor 1248 | ND | | ug/kg | 49.6 | 7.43 | A |
| Aroclor 1254 | ND | | ug/kg | 49.6 | 5.42 | A |
| Aroclor 1260 | ND | | ug/kg | 49.6 | 9.16 | A |
| Aroclor 1262 | ND | | ug/kg | 49.6 | 6.29 | A |
| Aroclor 1268 | ND | | ug/kg | 49.6 | 5.13 | A |
| PCBs, Total | ND | | ug/kg | 49.6 | 4.40 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 66 | | 30-150 | A |
| Decachlorobiphenyl | 77 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 72 | | 30-150 | B |
| Decachlorobiphenyl | 71 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2441487
**Report Date:** 08/05/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/30/24 08:26
Analyst: MHG

Extraction Method: EPA 3546
Extraction Date: 07/29/24 11:57
Cleanup Method: EPA 3665A
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/30/24

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 17-18 Batch: WG1952668-1 | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 49.4 | 4.38 | A |
| Aroclor 1221 | ND | | ug/kg | 49.4 | 4.94 | A |
| Aroclor 1232 | ND | | ug/kg | 49.4 | 10.5 | A |
| Aroclor 1242 | ND | | ug/kg | 49.4 | 6.65 | A |
| Aroclor 1248 | ND | | ug/kg | 49.4 | 7.40 | A |
| Aroclor 1254 | ND | | ug/kg | 49.4 | 5.40 | A |
| Aroclor 1260 | ND | | ug/kg | 49.4 | 9.12 | A |
| Aroclor 1262 | ND | | ug/kg | 49.4 | 6.27 | A |
| Aroclor 1268 | ND | | ug/kg | 49.4 | 5.11 | A |
| PCBs, Total | ND | | ug/kg | 49.4 | 4.38 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 78 | | 30-150 | A |
| Decachlorobiphenyl | 70 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 78 | | 30-150 | B |
| Decachlorobiphenyl | 85 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2441487

**Report Date:** 08/05/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-16 Batch: WG1952444-2 WG1952444-3 | | | | | | | | | |
| Aroclor 1016 | 74 | | 66 | | 40-140 | 11 | | 50 | A |
| Aroclor 1260 | 74 | | 67 | | 40-140 | 10 | | 50 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 69 | | 63 | | 30-150 | A |
| Decachlorobiphenyl | 87 | | 80 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 75 | | 67 | | 30-150 | B |
| Decachlorobiphenyl | 77 | | 73 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2441487

**Report Date:** 08/05/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 17-18 Batch: WG1952668-2 WG1952668-3 | | | | | | | | | |
| Aroclor 1016 | 88 | | 85 | | 40-140 | 3 | | 50 | A |
| Aroclor 1260 | 84 | | 80 | | 40-140 | 5 | | 50 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 77 | | 75 | | 30-150 | A |
| Decachlorobiphenyl | 72 | | 69 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 74 | | 72 | | 30-150 | B |
| Decachlorobiphenyl | 79 | | 75 | | 30-150 | B |

# PESTICIDES

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2441487
**Project Number:** 100.002
**Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-01
Client ID: LAGOON-SW-01-08
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/22/24 09:15
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/29/24 21:26
Analyst: EMR
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/28/24 01:14
Cleanup Method: EPA 3620B
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.77 | 0.347 | 1 | A |
| Lindane | ND | | ug/kg | 0.738 | 0.330 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.738 | 0.210 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.77 | 0.671 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.885 | 0.397 | 1 | A |
| Aldrin | ND | | ug/kg | 1.77 | 0.623 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.32 | 0.996 | 1 | A |
| Endrin | ND | | ug/kg | 0.738 | 0.302 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.21 | 0.775 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.77 | 0.456 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.11 | 0.553 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.77 | 0.409 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.77 | 0.632 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 1.77 | 1.42 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.77 | 0.418 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.77 | 0.592 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.738 | 0.351 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.32 | 1.03 | 1 | A |
| Toxaphene | ND | | ug/kg | 33.2 | 9.30 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.21 | 0.617 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.21 | 0.584 | 1 | A |
| Chlordane | ND | | ug/kg | 14.8 | 5.86 | 1 | A |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-01 Date Collected: 07/22/24 09:15

Client ID: LAGOON-SW-01-08 Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 57 | | 30-150 | A |
| Decachlorobiphenyl | 48 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 78 | | 30-150 | B |
| Decachlorobiphenyl | 71 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-01
Client ID: LAGOON-SW-01-08
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/22/24 09:15
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/28/24 14:05
Analyst: EJL
Percent Solids: 86%
Methylation Date: 07/27/24 14:53

Extraction Method: EPA 8151A
Extraction Date: 07/26/24 14:15

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 190 | 12.0 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 190 | 5.89 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 190 | 5.05 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 75 | | 30-150 | A |
| DCAA | 76 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-02
Client ID: TRENCH-01 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 08:40
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/29/24 21:37
Analyst: EMR
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 07/28/24 01:14
Cleanup Method: EPA 3620B
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.95 | 0.381 | 1 | A |
| Lindane | ND | | ug/kg | 0.811 | 0.362 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.811 | 0.230 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.95 | 0.738 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.973 | 0.436 | 1 | A |
| Aldrin | ND | | ug/kg | 1.95 | 0.685 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.65 | 1.09 | 1 | A |
| Endrin | ND | | ug/kg | 0.811 | 0.332 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.43 | 0.852 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.95 | 0.501 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.22 | 0.608 | 1 | A |
| 4,4'-DDE | 1.17 | J | ug/kg | 1.95 | 0.450 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.95 | 0.694 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 1.95 | 1.56 | 1 | B |
| Endosulfan I | ND | | ug/kg | 1.95 | 0.460 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.95 | 0.650 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.811 | 0.386 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.65 | 1.14 | 1 | A |
| Toxaphene | ND | | ug/kg | 36.5 | 10.2 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.43 | 0.678 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.43 | 0.642 | 1 | A |
| Chlordane | ND | | ug/kg | 16.2 | 6.45 | 1 | A |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-02 Date Collected: 07/18/24 08:40

Client ID: TRENCH-01 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 65 | | 30-150 | A |
| Decachlorobiphenyl | 61 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 75 | | 30-150 | B |
| Decachlorobiphenyl | 72 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-02
Client ID: TRENCH-01 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 08:40
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/28/24 14:24
Analyst: EJL
Percent Solids: 79%
Methylation Date: 07/27/24 14:53

Extraction Method: EPA 8151A
Extraction Date: 07/26/24 14:15

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 204 | 12.9 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 204 | 6.34 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 204 | 5.44 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 74 | | 30-150 | A |
| DCAA | 71 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-03
Client ID: TRENCH-02 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 08:55
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/29/24 21:49
Analyst: EMR
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 07/28/24 01:14
Cleanup Method: EPA 3620B
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.96 | 0.384 | 1 | A |
| Lindane | ND | | ug/kg | 0.818 | 0.366 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.818 | 0.232 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.96 | 0.744 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.982 | 0.440 | 1 | A |
| Aldrin | ND | | ug/kg | 1.96 | 0.691 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.68 | 1.10 | 1 | A |
| Endrin | ND | | ug/kg | 0.818 | 0.335 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.45 | 0.859 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.96 | 0.506 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.23 | 0.614 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.96 | 0.454 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.96 | 0.700 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 1.96 | 1.58 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.96 | 0.464 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.96 | 0.656 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.818 | 0.389 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.68 | 1.14 | 1 | A |
| Toxaphene | ND | | ug/kg | 36.8 | 10.3 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.45 | 0.684 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.45 | 0.648 | 1 | A |
| Chlordane | ND | | ug/kg | 16.4 | 6.50 | 1 | A |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-03 Date Collected: 07/18/24 08:55

Client ID: TRENCH-02 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 68 | | 30-150 | A |
| Decachlorobiphenyl | 64 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 78 | | 30-150 | B |
| Decachlorobiphenyl | 74 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-03
Client ID: TRENCH-02 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 08:55
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/28/24 14:42
Analyst: EJL
Percent Solids: 80%
Methylation Date: 07/27/24 14:53

Extraction Method: EPA 8151A
Extraction Date: 07/26/24 14:15

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 205 | 12.9 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 205 | 6.36 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 205 | 5.45 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 72 | | 30-150 | A |
| DCAA | 69 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-04
Client ID: TRENCH-03 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 10:00
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/29/24 21:59
Analyst: EMR
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 07/28/24 01:14
Cleanup Method: EPA 3620B
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.87 | 0.367 | 1 | A |
| Lindane | ND | | ug/kg | 0.780 | 0.349 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.780 | 0.222 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.87 | 0.710 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.936 | 0.420 | 1 | A |
| Aldrin | ND | | ug/kg | 1.87 | 0.659 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.51 | 1.05 | 1 | A |
| Endrin | ND | | ug/kg | 0.780 | 0.320 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.34 | 0.819 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.87 | 0.482 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.17 | 0.585 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.87 | 0.433 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.87 | 0.668 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 1.87 | 1.51 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.87 | 0.442 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.87 | 0.626 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.780 | 0.371 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.51 | 1.09 | 1 | A |
| Toxaphene | ND | | ug/kg | 35.1 | 9.83 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.34 | 0.652 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.34 | 0.618 | 1 | A |
| Chlordane | ND | | ug/kg | 15.6 | 6.20 | 1 | A |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-04 Date Collected: 07/18/24 10:00

Client ID: TRENCH-03 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 57 | | 30-150 | A |
| Decachlorobiphenyl | 53 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 71 | | 30-150 | B |
| Decachlorobiphenyl | 63 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-04
Client ID: TRENCH-03 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 10:00
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/28/24 15:01
Analyst: EJL
Percent Solids: 83%
Methylation Date: 07/27/24 14:53

Extraction Method: EPA 8151A
Extraction Date: 07/26/24 14:15

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 199 | 12.5 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 199 | 6.16 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 199 | 5.29 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 78 | | 30-150 | A |
| DCAA | 73 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-05
Client ID: TRENCH-04 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 11:50
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/29/24 22:10
Analyst: EMR
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 07/28/24 01:14
Cleanup Method: EPA 3620B
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.81 | 0.354 | 1 | A |
| Lindane | ND | | ug/kg | 0.754 | 0.337 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.754 | 0.214 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.81 | 0.686 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.905 | 0.406 | 1 | A |
| Aldrin | ND | | ug/kg | 1.81 | 0.637 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.39 | 1.02 | 1 | A |
| Endrin | ND | | ug/kg | 0.754 | 0.309 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.26 | 0.792 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.81 | 0.466 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.13 | 0.565 | 1 | A |
| 4,4'-DDE | 6.51 | | ug/kg | 1.81 | 0.418 | 1 | B |
| 4,4'-DDD | 0.884 | J | ug/kg | 1.81 | 0.645 | 1 | A |
| 4,4'-DDT | 2.25 | | ug/kg | 1.81 | 1.46 | 1 | B |
| Endosulfan I | ND | | ug/kg | 1.81 | 0.427 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.81 | 0.605 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.754 | 0.359 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.39 | 1.06 | 1 | A |
| Toxaphene | ND | | ug/kg | 33.9 | 9.50 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.26 | 0.630 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.26 | 0.597 | 1 | A |
| Chlordane | ND | | ug/kg | 15.1 | 5.99 | 1 | A |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-05 Date Collected: 07/18/24 11:50

Client ID: TRENCH-04 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 74 | | 30-150 | A |
| Decachlorobiphenyl | 67 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 88 | | 30-150 | B |
| Decachlorobiphenyl | 80 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-05
Client ID: TRENCH-04 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 11:50
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/28/24 15:19
Analyst: EJL
Percent Solids: 84%
Methylation Date: 07/27/24 14:53

Extraction Method: EPA 8151A
Extraction Date: 07/26/24 14:15

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 195 | 12.3 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 195 | 6.04 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 195 | 5.18 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 76 | | 30-150 | A |
| DCAA | 74 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2441487
**Project Number:** 100.002
**Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-06
Client ID: TRENCH-05 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 12:00
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/29/24 22:21
Analyst: EMR
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 07/28/24 01:14
Cleanup Method: EPA 3620B
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.82 | 0.357 | 1 | A |
| Lindane | ND | | ug/kg | 0.759 | 0.339 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.759 | 0.216 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.82 | 0.691 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.911 | 0.408 | 1 | A |
| Aldrin | ND | | ug/kg | 1.82 | 0.642 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.42 | 1.02 | 1 | A |
| Endrin | ND | | ug/kg | 0.759 | 0.311 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.28 | 0.797 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.82 | 0.469 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.14 | 0.570 | 1 | A |
| 4,4'-DDE | 2.24 | | ug/kg | 1.82 | 0.421 | 1 | B |
| 4,4'-DDD | ND | | ug/kg | 1.82 | 0.650 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 1.82 | 1.46 | 1 | B |
| Endosulfan I | ND | | ug/kg | 1.82 | 0.431 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.82 | 0.609 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.759 | 0.361 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.42 | 1.06 | 1 | A |
| Toxaphene | ND | | ug/kg | 34.2 | 9.57 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.28 | 0.635 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.28 | 0.601 | 1 | A |
| Chlordane | ND | | ug/kg | 15.2 | 6.04 | 1 | A |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-06 Date Collected: 07/18/24 12:00

Client ID: TRENCH-05 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 70 | | 30-150 | A |
| Decachlorobiphenyl | 69 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 87 | | 30-150 | B |
| Decachlorobiphenyl | 85 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-06
Client ID: TRENCH-05 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 12:00
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/28/24 15:38
Analyst: EJL
Percent Solids: 84%
Methylation Date: 07/27/24 14:53

Extraction Method: EPA 8151A
Extraction Date: 07/26/24 14:15

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 192 | 12.1 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 192 | 5.96 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 192 | 5.11 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 69 | | 30-150 | A |
| DCAA | 67 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-07
Client ID: TRENCH-06 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 12:20
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/29/24 22:32
Analyst: EMR
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 07/28/24 01:14
Cleanup Method: EPA 3620B
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 2.01 | 0.393 | 1 | A |
| Lindane | ND | | ug/kg | 0.837 | 0.374 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.837 | 0.238 | 1 | A |
| Beta-BHC | ND | | ug/kg | 2.01 | 0.762 | 1 | A |
| Heptachlor | ND | | ug/kg | 1.00 | 0.450 | 1 | A |
| Aldrin | ND | | ug/kg | 2.01 | 0.707 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.76 | 1.13 | 1 | A |
| Endrin | ND | | ug/kg | 0.837 | 0.343 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.51 | 0.879 | 1 | A |
| Endrin ketone | ND | | ug/kg | 2.01 | 0.517 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.26 | 0.628 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 2.01 | 0.464 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 2.01 | 0.716 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 2.01 | 1.62 | 1 | A |
| Endosulfan I | ND | | ug/kg | 2.01 | 0.474 | 1 | A |
| Endosulfan II | ND | | ug/kg | 2.01 | 0.671 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.837 | 0.398 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.76 | 1.17 | 1 | A |
| Toxaphene | ND | | ug/kg | 37.6 | 10.5 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.51 | 0.700 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.51 | 0.663 | 1 | A |
| Chlordane | ND | | ug/kg | 16.7 | 6.65 | 1 | A |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-07 Date Collected: 07/18/24 12:20

Client ID: TRENCH-06 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 67 | | 30-150 | A |
| Decachlorobiphenyl | 62 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 78 | | 30-150 | B |
| Decachlorobiphenyl | 87 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-07
Client ID: TRENCH-06 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 12:20
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/28/24 15:57
Analyst: EJL
Percent Solids: 78%
Methylation Date: 07/27/24 14:53

Extraction Method: EPA 8151A
Extraction Date: 07/26/24 14:15

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 209 | 13.1 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 209 | 6.47 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 209 | 5.55 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 84 | | 30-150 | A |
| DCAA | 81 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-08
Client ID: TRENCH-07 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 13:00
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/29/24 22:43
Analyst: EMR
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 07/28/24 01:14
Cleanup Method: EPA 3620B
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.87 | 0.366 | 1 | A |
| Lindane | ND | | ug/kg | 0.779 | 0.348 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.779 | 0.221 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.87 | 0.709 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.935 | 0.419 | 1 | A |
| Aldrin | ND | | ug/kg | 1.87 | 0.658 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.50 | 1.05 | 1 | A |
| Endrin | ND | | ug/kg | 0.779 | 0.319 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.34 | 0.818 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.87 | 0.481 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.17 | 0.584 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.87 | 0.432 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.87 | 0.667 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 1.87 | 1.50 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.87 | 0.442 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.87 | 0.625 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.779 | 0.371 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.50 | 1.09 | 1 | A |
| Toxaphene | ND | | ug/kg | 35.0 | 9.81 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.34 | 0.651 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.34 | 0.617 | 1 | A |
| Chlordane | ND | | ug/kg | 15.6 | 6.19 | 1 | A |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-08 Date Collected: 07/18/24 13:00

Client ID: TRENCH-07 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 75 | | 30-150 | A |
| Decachlorobiphenyl | 68 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 84 | | 30-150 | B |
| Decachlorobiphenyl | 80 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-08
Client ID: TRENCH-07 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 13:00
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/28/24 16:15
Analyst: EJL
Percent Solids: 81%
Methylation Date: 07/27/24 14:53

Extraction Method: EPA 8151A
Extraction Date: 07/26/24 14:15

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 205 | 12.9 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 205 | 6.37 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 205 | 5.46 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 72 | | 30-150 | A |
| DCAA | 70 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-09
Client ID: TRENCH-08 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 13:20
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/30/24 01:37
Analyst: EJL
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 07/28/24 01:14
Cleanup Method: EPA 3620B
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.90 | 0.371 | 1 | A |
| Lindane | ND | | ug/kg | 0.790 | 0.353 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.790 | 0.224 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.90 | 0.719 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.948 | 0.425 | 1 | A |
| Aldrin | ND | | ug/kg | 1.90 | 0.667 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.55 | 1.07 | 1 | A |
| Endrin | ND | | ug/kg | 0.790 | 0.324 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.37 | 0.829 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.90 | 0.488 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.18 | 0.592 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.90 | 0.438 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.90 | 0.676 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 1.90 | 1.52 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.90 | 0.448 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.90 | 0.633 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.790 | 0.376 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.55 | 1.10 | 1 | A |
| Toxaphene | ND | | ug/kg | 35.5 | 9.95 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.37 | 0.660 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.37 | 0.626 | 1 | A |
| Chlordane | ND | | ug/kg | 15.8 | 6.28 | 1 | A |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

**SAMPLE RESULTS**

Lab ID: L2441487-09 Date Collected: 07/18/24 13:20

Client ID: TRENCH-08 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 79 | | 30-150 | A |
| Decachlorobiphenyl | 95 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 79 | | 30-150 | B |
| Decachlorobiphenyl | 110 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-09
Client ID: TRENCH-08 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 13:20
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/28/24 16:34
Analyst: EJL
Percent Solids: 83%
Methylation Date: 07/27/24 14:53

Extraction Method: EPA 8151A
Extraction Date: 07/26/24 14:15

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 197 | 12.4 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 197 | 6.10 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 197 | 5.23 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 77 | | 30-150 | A |
| DCAA | 75 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-10
Client ID: TRENCH-09 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 13:40
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/30/24 01:14
Analyst: EJL
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 07/28/24 01:14
Cleanup Method: EPA 3620B
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.95 | 0.381 | 1 | A |
| Lindane | ND | | ug/kg | 0.811 | 0.363 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.811 | 0.230 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.95 | 0.738 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.974 | 0.436 | 1 | A |
| Aldrin | ND | | ug/kg | 1.95 | 0.686 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.65 | 1.10 | 1 | A |
| Endrin | ND | | ug/kg | 0.811 | 0.333 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.43 | 0.852 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.95 | 0.501 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.22 | 0.608 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.95 | 0.450 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.95 | 0.694 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 1.95 | 1.56 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.95 | 0.460 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.95 | 0.651 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.811 | 0.386 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.65 | 1.14 | 1 | A |
| Toxaphene | ND | | ug/kg | 36.5 | 10.2 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.43 | 0.678 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.43 | 0.642 | 1 | A |
| Chlordane | ND | | ug/kg | 16.2 | 6.45 | 1 | A |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

**SAMPLE RESULTS**

Lab ID: L2441487-10 Date Collected: 07/18/24 13:40

Client ID: TRENCH-09 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 69 | | 30-150 | A |
| Decachlorobiphenyl | 83 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 74 | | 30-150 | B |
| Decachlorobiphenyl | 109 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-10
Client ID: TRENCH-09 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 13:40
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/28/24 17:11
Analyst: EJL
Percent Solids: 80%
Methylation Date: 07/27/24 14:53

Extraction Method: EPA 8151A
Extraction Date: 07/26/24 14:15

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 207 | 13.0 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 207 | 6.42 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 207 | 5.51 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 64 | | 30-150 | A |
| DCAA | 65 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-11
Client ID: TRENCH-10 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 14:00
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/29/24 19:14
Analyst: EMR
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 02:08
Cleanup Method: EPA 3620B
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.97 | 0.386 | 1 | A |
| Lindane | ND | | ug/kg | 0.822 | 0.368 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.822 | 0.234 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.97 | 0.748 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.987 | 0.442 | 1 | A |
| Aldrin | ND | | ug/kg | 1.97 | 0.695 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.70 | 1.11 | 1 | A |
| Endrin | ND | | ug/kg | 0.822 | 0.337 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.47 | 0.864 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.97 | 0.508 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.23 | 0.617 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.97 | 0.456 | 1 | A |
| 4,4'-DDD | 2.33 | | ug/kg | 1.97 | 0.704 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 1.97 | 1.59 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.97 | 0.466 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.97 | 0.660 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.822 | 0.391 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.70 | 1.15 | 1 | A |
| Toxaphene | ND | | ug/kg | 37.0 | 10.4 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.47 | 0.688 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.47 | 0.651 | 1 | A |
| Chlordane | ND | | ug/kg | 16.4 | 6.54 | 1 | A |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-11 Date Collected: 07/18/24 14:00

Client ID: TRENCH-10 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 64 | | 30-150 | A |
| Decachlorobiphenyl | 62 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 73 | | 30-150 | B |
| Decachlorobiphenyl | 84 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-11
Client ID: TRENCH-10 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 14:00
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/28/24 17:30
Analyst: EJL
Percent Solids: 79%
Methylation Date: 07/27/24 14:53

Extraction Method: EPA 8151A
Extraction Date: 07/26/24 14:15

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 208 | 13.1 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 208 | 6.45 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 208 | 5.53 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 79 | | 30-150 | A |
| DCAA | 77 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-12
Client ID: TRENCH-11 (0.5)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 07:40
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/29/24 19:25
Analyst: EMR
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 02:08
Cleanup Method: EPA 3620B
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.79 | 0.350 | 1 | A |
| Lindane | ND | | ug/kg | 0.745 | 0.333 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.745 | 0.211 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.79 | 0.678 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.894 | 0.401 | 1 | A |
| Aldrin | ND | | ug/kg | 1.79 | 0.629 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.35 | 1.00 | 1 | A |
| Endrin | ND | | ug/kg | 0.745 | 0.305 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.23 | 0.782 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.79 | 0.460 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.12 | 0.558 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.79 | 0.413 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.79 | 0.637 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 1.79 | 1.44 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.79 | 0.422 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.79 | 0.597 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.745 | 0.354 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.35 | 1.04 | 1 | A |
| Toxaphene | ND | | ug/kg | 33.5 | 9.38 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.23 | 0.622 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.23 | 0.590 | 1 | A |
| Chlordane | ND | | ug/kg | 14.9 | 5.92 | 1 | A |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-12 Date Collected: 07/19/24 07:40

Client ID: TRENCH-11 (0.5) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 71 | | 30-150 | A |
| Decachlorobiphenyl | 65 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 83 | | 30-150 | B |
| Decachlorobiphenyl | 89 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-12
Client ID: TRENCH-11 (0.5)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 07:40
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/28/24 17:48
Analyst: EJL
Percent Solids: 88%
Methylation Date: 07/27/24 14:53

Extraction Method: EPA 8151A
Extraction Date: 07/26/24 14:15

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 187 | 11.8 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 187 | 5.79 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 187 | 4.97 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 77 | | 30-150 | A |
| DCAA | 73 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2441487
**Project Number:** 100.002
**Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-13
Client ID: TRENCH-12 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 08:30
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/29/24 19:36
Analyst: EMR
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 02:08
Cleanup Method: EPA 3620B
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.74 | 0.341 | 1 | A |
| Lindane | ND | | ug/kg | 0.726 | 0.324 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.726 | 0.206 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.74 | 0.661 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.871 | 0.390 | 1 | A |
| Aldrin | ND | | ug/kg | 1.74 | 0.613 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.27 | 0.980 | 1 | A |
| Endrin | ND | | ug/kg | 0.726 | 0.298 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.18 | 0.762 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.74 | 0.449 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.09 | 0.544 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.74 | 0.403 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.74 | 0.621 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 1.74 | 1.40 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.74 | 0.412 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.74 | 0.582 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.726 | 0.346 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.27 | 1.02 | 1 | A |
| Toxaphene | ND | | ug/kg | 32.7 | 9.15 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.18 | 0.607 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.18 | 0.575 | 1 | A |
| Chlordane | ND | | ug/kg | 14.5 | 5.77 | 1 | A |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-13 Date Collected: 07/19/24 08:30

Client ID: TRENCH-12 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 66 | | 30-150 | A |
| Decachlorobiphenyl | 54 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 75 | | 30-150 | B |
| Decachlorobiphenyl | 82 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-13
Client ID: TRENCH-12 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 08:30
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/28/24 18:07
Analyst: EJL
Percent Solids: 91%
Methylation Date: 07/27/24 14:53

Extraction Method: EPA 8151A
Extraction Date: 07/26/24 14:15

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 184 | 11.6 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 184 | 5.70 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 184 | 4.89 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 76 | | 30-150 | A |
| DCAA | 71 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-14
Client ID: TRENCH-13 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 08:55
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/29/24 19:47
Analyst: EMR
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 02:08
Cleanup Method: EPA 3620B
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 2.03 | 0.398 | 1 | A |
| Lindane | ND | | ug/kg | 0.846 | 0.378 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.846 | 0.240 | 1 | A |
| Beta-BHC | ND | | ug/kg | 2.03 | 0.770 | 1 | A |
| Heptachlor | ND | | ug/kg | 1.01 | 0.455 | 1 | A |
| Aldrin | ND | | ug/kg | 2.03 | 0.715 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.81 | 1.14 | 1 | A |
| Endrin | ND | | ug/kg | 0.846 | 0.347 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.54 | 0.888 | 1 | A |
| Endrin ketone | ND | | ug/kg | 2.03 | 0.523 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.27 | 0.634 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 2.03 | 0.469 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 2.03 | 0.724 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 2.03 | 1.63 | 1 | A |
| Endosulfan I | ND | | ug/kg | 2.03 | 0.480 | 1 | A |
| Endosulfan II | ND | | ug/kg | 2.03 | 0.678 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.846 | 0.403 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.81 | 1.18 | 1 | A |
| Toxaphene | ND | | ug/kg | 38.1 | 10.6 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.54 | 0.707 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.54 | 0.670 | 1 | A |
| Chlordane | ND | | ug/kg | 16.9 | 6.72 | 1 | A |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

**SAMPLE RESULTS**

Lab ID: L2441487-14 Date Collected: 07/19/24 08:55

Client ID: TRENCH-13 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 54 | | 30-150 | A |
| Decachlorobiphenyl | 45 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 55 | | 30-150 | B |
| Decachlorobiphenyl | 65 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-14
Client ID: TRENCH-13 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 08:55
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/28/24 18:25
Analyst: EJL
Percent Solids: 78%
Methylation Date: 07/27/24 14:53

Extraction Method: EPA 8151A
Extraction Date: 07/26/24 14:15

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 208 | 13.1 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 208 | 6.46 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 208 | 5.54 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 77 | | 30-150 | A |
| DCAA | 74 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-15
Client ID: TRENCH-14 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 09:45
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/29/24 19:58
Analyst: EMR
Percent Solids: 59%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 02:08
Cleanup Method: EPA 3620B
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 2.70 | 0.529 | 1 | A |
| Lindane | ND | | ug/kg | 1.12 | 0.503 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 1.12 | 0.319 | 1 | A |
| Beta-BHC | ND | | ug/kg | 2.70 | 1.02 | 1 | A |
| Heptachlor | ND | | ug/kg | 1.35 | 0.605 | 1 | A |
| Aldrin | ND | | ug/kg | 2.70 | 0.950 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 5.06 | 1.52 | 1 | A |
| Endrin | ND | | ug/kg | 1.12 | 0.461 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 3.37 | 1.18 | 1 | A |
| Endrin ketone | ND | | ug/kg | 2.70 | 0.695 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.69 | 0.844 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 2.70 | 0.624 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 2.70 | 0.963 | 1 | A |
| 4,4'-DDT | 2.50 | JIP | ug/kg | 2.70 | 2.17 | 1 | A |
| Endosulfan I | ND | | ug/kg | 2.70 | 0.638 | 1 | A |
| Endosulfan II | ND | | ug/kg | 2.70 | 0.902 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 1.12 | 0.535 | 1 | A |
| Methoxychlor | ND | | ug/kg | 5.06 | 1.57 | 1 | A |
| Toxaphene | ND | | ug/kg | 50.6 | 14.2 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 3.37 | 0.940 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 3.37 | 0.891 | 1 | A |
| Chlordane | ND | | ug/kg | 22.5 | 8.94 | 1 | A |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-15 Date Collected: 07/19/24 09:45

Client ID: TRENCH-14 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 80 | | 30-150 | A |
| Decachlorobiphenyl | 50 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 70 | | 30-150 | B |
| Decachlorobiphenyl | 87 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-15
Client ID: TRENCH-14 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 09:45
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/28/24 18:44
Analyst: EJL
Percent Solids: 59%
Methylation Date: 07/27/24 14:53

Extraction Method: EPA 8151A
Extraction Date: 07/26/24 14:15

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 282 | 17.8 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 282 | 8.74 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 282 | 7.50 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 68 | | 30-150 | A |
| DCAA | 66 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-16
Client ID: TRENCH-15 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 10:40
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/29/24 20:09
Analyst: EMR
Percent Solids: 72%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 02:08
Cleanup Method: EPA 3620B
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 2.12 | 0.414 | 1 | A |
| Lindane | ND | | ug/kg | 0.882 | 0.394 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.882 | 0.250 | 1 | A |
| Beta-BHC | ND | | ug/kg | 2.12 | 0.802 | 1 | A |
| Heptachlor | ND | | ug/kg | 1.06 | 0.474 | 1 | A |
| Aldrin | ND | | ug/kg | 2.12 | 0.745 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.97 | 1.19 | 1 | A |
| Endrin | ND | | ug/kg | 0.882 | 0.361 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.64 | 0.926 | 1 | A |
| Endrin ketone | ND | | ug/kg | 2.12 | 0.545 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.32 | 0.661 | 1 | A |
| 4,4'-DDE | 1.75 | JIP | ug/kg | 2.12 | 0.489 | 1 | B |
| 4,4'-DDD | ND | | ug/kg | 2.12 | 0.754 | 1 | A |
| 4,4'-DDT | 2.42 | IP | ug/kg | 2.12 | 1.70 | 1 | A |
| Endosulfan I | ND | | ug/kg | 2.12 | 0.500 | 1 | A |
| Endosulfan II | ND | | ug/kg | 2.12 | 0.707 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.882 | 0.420 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.97 | 1.23 | 1 | A |
| Toxaphene | ND | | ug/kg | 39.7 | 11.1 | 1 | A |
| cis-Chlordane | 2.69 | IP | ug/kg | 2.64 | 0.737 | 1 | B |
| trans-Chlordane | 2.72 | IP | ug/kg | 2.64 | 0.698 | 1 | A |
| Chlordane | ND | | ug/kg | 17.6 | 7.01 | 1 | A |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-16 Date Collected: 07/19/24 10:40

Client ID: TRENCH-15 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 64 | | 30-150 | A |
| Decachlorobiphenyl | 55 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 68 | | 30-150 | B |
| Decachlorobiphenyl | 70 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-16
Client ID: TRENCH-15 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 10:40
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/28/24 19:03
Analyst: EJL
Percent Solids: 72%
Methylation Date: 07/27/24 14:53

Extraction Method: EPA 8151A
Extraction Date: 07/26/24 14:15

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 229 | 14.4 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 229 | 7.09 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 229 | 6.09 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 72 | | 30-150 | A |
| DCAA | 69 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-17
Client ID: TRENCH-16 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 11:30
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/29/24 20:20
Analyst: EMR
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 02:08
Cleanup Method: EPA 3620B
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.80 | 0.352 | 1 | A |
| Lindane | ND | | ug/kg | 0.748 | 0.334 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.748 | 0.212 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.80 | 0.681 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.898 | 0.402 | 1 | A |
| Aldrin | ND | | ug/kg | 1.80 | 0.632 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.37 | 1.01 | 1 | A |
| Endrin | ND | | ug/kg | 0.748 | 0.307 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.24 | 0.786 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.80 | 0.462 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.12 | 0.561 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.80 | 0.415 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.80 | 0.640 | 1 | A |
| 4,4'-DDT | 13.9 | IP | ug/kg | 1.80 | 1.44 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.80 | 0.424 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.80 | 0.600 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.748 | 0.356 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.37 | 1.05 | 1 | A |
| Toxaphene | ND | | ug/kg | 33.7 | 9.43 | 1 | A |
| cis-Chlordane | 4.21 | IP | ug/kg | 2.24 | 0.625 | 1 | B |
| trans-Chlordane | 2.47 | IP | ug/kg | 2.24 | 0.592 | 1 | A |
| Chlordane | ND | | ug/kg | 15.0 | 5.95 | 1 | A |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-17 Date Collected: 07/19/24 11:30

Client ID: TRENCH-16 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 68 | | 30-150 | A |
| Decachlorobiphenyl | 58 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 75 | | 30-150 | B |
| Decachlorobiphenyl | 77 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-17
Client ID: TRENCH-16 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 11:30
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/28/24 19:21
Analyst: EJL
Percent Solids: 88%
Methylation Date: 07/27/24 14:53

Extraction Method: EPA 8151A
Extraction Date: 07/26/24 14:15

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 187 | 11.8 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 187 | 5.80 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 187 | 4.98 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 76 | | 30-150 | A |
| DCAA | 71 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2441487
**Project Number:** 100.002
**Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-18
Client ID: TRENCH-17 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 12:40
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/29/24 20:31
Analyst: EMR
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 07/29/24 02:08
Cleanup Method: EPA 3620B
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.74 | 0.340 | 1 | A |
| Lindane | ND | | ug/kg | 0.723 | 0.323 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.723 | 0.205 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.74 | 0.658 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.868 | 0.389 | 1 | A |
| Aldrin | ND | | ug/kg | 1.74 | 0.611 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.26 | 0.976 | 1 | A |
| Endrin | ND | | ug/kg | 0.723 | 0.296 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.17 | 0.760 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.74 | 0.447 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.08 | 0.542 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.74 | 0.401 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.74 | 0.619 | 1 | A |
| 4,4'-DDT | 8.22 | IP | ug/kg | 1.74 | 1.40 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.74 | 0.410 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.74 | 0.580 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.723 | 0.344 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.26 | 1.01 | 1 | A |
| Toxaphene | ND | | ug/kg | 32.6 | 9.11 | 1 | A |
| cis-Chlordane | 4.41 | | ug/kg | 2.17 | 0.605 | 1 | B |
| trans-Chlordane | 1.42 | JIP | ug/kg | 2.17 | 0.573 | 1 | A |
| Chlordane | ND | | ug/kg | 14.5 | 5.75 | 1 | A |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

**SAMPLE RESULTS**

Lab ID: L2441487-18 Date Collected: 07/19/24 12:40

Client ID: TRENCH-17 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 72 | | 30-150 | A |
| Decachlorobiphenyl | 54 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 79 | | 30-150 | B |
| Decachlorobiphenyl | 80 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-18
Client ID: TRENCH-17 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 12:40
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/28/24 19:40
Analyst: EJL
Percent Solids: 92%
Methylation Date: 07/27/24 14:53

Extraction Method: EPA 8151A
Extraction Date: 07/26/24 14:15

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 180 | 11.4 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 180 | 5.59 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 180 | 4.80 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 60 | | 30-150 | A |
| DCAA | 58 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2441487
**Report Date:** 08/05/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 07/28/24 09:27
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 07/26/24 14:15

Methylation Date: 07/27/24 14:53

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-18 Batch: WG1951879-1 | | | | | | |
| 2,4-D | ND | | ug/kg | 164 | 10.3 | A |
| 2,4,5-T | ND | | ug/kg | 164 | 5.09 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 164 | 4.37 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 79 | | 30-150 | A |
| DCAA | 93 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/29/24 20:42
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 07/28/24 01:14
Cleanup Method: EPA 3620B
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-10 Batch: WG1952291-1 | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.55 | 0.304 | A |
| Lindane | ND | | ug/kg | 0.647 | 0.289 | A |
| Alpha-BHC | ND | | ug/kg | 0.647 | 0.184 | A |
| Beta-BHC | ND | | ug/kg | 1.55 | 0.589 | A |
| Heptachlor | ND | | ug/kg | 0.776 | 0.348 | A |
| Aldrin | ND | | ug/kg | 1.55 | 0.546 | A |
| Heptachlor epoxide | ND | | ug/kg | 2.91 | 0.873 | A |
| Endrin | ND | | ug/kg | 0.647 | 0.265 | A |
| Endrin aldehyde | ND | | ug/kg | 1.94 | 0.679 | A |
| Endrin ketone | ND | | ug/kg | 1.55 | 0.400 | A |
| Dieldrin | ND | | ug/kg | 0.970 | 0.485 | A |
| 4,4'-DDE | ND | | ug/kg | 1.55 | 0.359 | A |
| 4,4'-DDD | ND | | ug/kg | 1.55 | 0.554 | A |
| 4,4'-DDT | ND | | ug/kg | 1.55 | 1.25 | A |
| Endosulfan I | ND | | ug/kg | 1.55 | 0.367 | A |
| Endosulfan II | ND | | ug/kg | 1.55 | 0.519 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.647 | 0.308 | A |
| Methoxychlor | ND | | ug/kg | 2.91 | 0.906 | A |
| Toxaphene | ND | | ug/kg | 29.1 | 8.15 | A |
| cis-Chlordane | ND | | ug/kg | 1.94 | 0.541 | A |
| trans-Chlordane | ND | | ug/kg | 1.94 | 0.512 | A |
| Chlordane | ND | | ug/kg | 12.9 | 5.14 | A |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2441487
**Report Date:** 08/05/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/29/24 20:42
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 07/28/24 01:14
Cleanup Method: EPA 3620B
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-10 Batch: WG1952291-1 | | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 64 | | 30-150 | A |
| Decachlorobiphenyl | 49 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 74 | | 30-150 | B |
| Decachlorobiphenyl | 64 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2441487
**Report Date:** 08/05/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/29/24 18:30
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 07/29/24 02:08
Cleanup Method: EPA 3620B
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 11-18 Batch: WG1952446-1 | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.59 | 0.311 | A |
| Lindane | ND | | ug/kg | 0.662 | 0.296 | A |
| Alpha-BHC | ND | | ug/kg | 0.662 | 0.188 | A |
| Beta-BHC | ND | | ug/kg | 1.59 | 0.602 | A |
| Heptachlor | ND | | ug/kg | 0.794 | 0.356 | A |
| Aldrin | ND | | ug/kg | 1.59 | 0.559 | A |
| Heptachlor epoxide | ND | | ug/kg | 2.98 | 0.893 | A |
| Endrin | ND | | ug/kg | 0.662 | 0.271 | A |
| Endrin aldehyde | ND | | ug/kg | 1.98 | 0.695 | A |
| Endrin ketone | ND | | ug/kg | 1.59 | 0.409 | A |
| Dieldrin | ND | | ug/kg | 0.993 | 0.496 | A |
| 4,4'-DDE | ND | | ug/kg | 1.59 | 0.367 | A |
| 4,4'-DDD | ND | | ug/kg | 1.59 | 0.566 | A |
| 4,4'-DDT | ND | | ug/kg | 1.59 | 1.28 | A |
| Endosulfan I | ND | | ug/kg | 1.59 | 0.375 | A |
| Endosulfan II | ND | | ug/kg | 1.59 | 0.531 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.662 | 0.315 | A |
| Methoxychlor | ND | | ug/kg | 2.98 | 0.926 | A |
| Toxaphene | ND | | ug/kg | 29.8 | 8.34 | A |
| cis-Chlordane | ND | | ug/kg | 1.98 | 0.553 | A |
| trans-Chlordane | ND | | ug/kg | 1.98 | 0.524 | A |
| Chlordane | ND | | ug/kg | 13.2 | 5.26 | A |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2441487
**Report Date:** 08/05/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/29/24 18:30
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 07/29/24 02:08
Cleanup Method: EPA 3620B
Cleanup Date: 07/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/29/24

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 11-18 Batch: WG1952446-1 | | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 85 | | 30-150 | A |
| Decachlorobiphenyl | 81 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 100 | | 30-150 | B |
| Decachlorobiphenyl | 98 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2441487

**Report Date:** 08/05/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-18 Batch: WG1951879-2 WG1951879-3 | | | | | | | | | |
| 2,4-D | 81 | | 89 | | 30-150 | 9 | | 30 | A |
| 2,4,5-T | 98 | | 101 | | 30-150 | 3 | | 30 | A |
| 2,4,5-TP (Silvex) | **151** | Q | **162** | Q | 30-150 | 7 | | 30 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| DCAA | 85 | | 88 | | 30-150 | A |
| DCAA | 100 | | 104 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2441487

**Report Date:** 08/05/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG1952291-2 WG1952291-3 | | | | | | | | | |
| Delta-BHC | 95 | | 91 | | 30-150 | 4 | | 30 | A |
| Lindane | 91 | | 87 | | 30-150 | 4 | | 30 | A |
| Alpha-BHC | 90 | | 86 | | 30-150 | 5 | | 30 | A |
| Beta-BHC | 90 | | 86 | | 30-150 | 5 | | 30 | A |
| Heptachlor | 93 | | 91 | | 30-150 | 2 | | 30 | A |
| Aldrin | 90 | | 86 | | 30-150 | 5 | | 30 | A |
| Heptachlor epoxide | 74 | | 74 | | 30-150 | 0 | | 30 | A |
| Endrin | 99 | | 97 | | 30-150 | 2 | | 30 | A |
| Endrin aldehyde | 80 | | 80 | | 30-150 | 0 | | 30 | A |
| Endrin ketone | 94 | | 97 | | 30-150 | 3 | | 30 | A |
| Dieldrin | 105 | | 103 | | 30-150 | 2 | | 30 | A |
| 4,4'-DDE | 92 | | 90 | | 30-150 | 2 | | 30 | A |
| 4,4'-DDD | 101 | | 99 | | 30-150 | 2 | | 30 | A |
| 4,4'-DDT | 95 | | 91 | | 30-150 | 4 | | 30 | A |
| Endosulfan I | 94 | | 91 | | 30-150 | 3 | | 30 | A |
| Endosulfan II | 100 | | 98 | | 30-150 | 2 | | 30 | A |
| Endosulfan sulfate | 93 | | 94 | | 30-150 | 1 | | 30 | A |
| Methoxychlor | 90 | | 89 | | 30-150 | 1 | | 30 | A |
| cis-Chlordane | 85 | | 82 | | 30-150 | 4 | | 30 | A |
| trans-Chlordane | 101 | | 98 | | 30-150 | 3 | | 30 | A |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2441487

**Report Date:** 08/05/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG1952291-2 WG1952291-3 | | | | | | | | |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 68 | | 64 | | 30-150 | A |
| Decachlorobiphenyl | 59 | | 62 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 82 | | 80 | | 30-150 | B |
| Decachlorobiphenyl | 73 | | 73 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2441487

**Report Date:** 08/05/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 11-18 Batch: WG1952446-2 WG1952446-3 | | | | | | | | | |
| Delta-BHC | 117 | | 109 | | 30-150 | 7 | | 30 | A |
| Lindane | 112 | | 103 | | 30-150 | 8 | | 30 | A |
| Alpha-BHC | 109 | | 101 | | 30-150 | 8 | | 30 | A |
| Beta-BHC | 110 | | 101 | | 30-150 | 9 | | 30 | A |
| Heptachlor | 115 | | 107 | | 30-150 | 7 | | 30 | A |
| Aldrin | 110 | | 101 | | 30-150 | 9 | | 30 | A |
| Heptachlor epoxide | 88 | | 80 | | 30-150 | 10 | | 30 | A |
| Endrin | 126 | | 117 | | 30-150 | 7 | | 30 | A |
| Endrin aldehyde | 105 | | 98 | | 30-150 | 7 | | 30 | A |
| Endrin ketone | 128 | | 118 | | 30-150 | 8 | | 30 | A |
| Dieldrin | 135 | | 123 | | 30-150 | 9 | | 30 | A |
| 4,4'-DDE | 120 | | 109 | | 30-150 | 10 | | 30 | A |
| 4,4'-DDD | 133 | | 120 | | 30-150 | 10 | | 30 | A |
| 4,4'-DDT | 123 | | 113 | | 30-150 | 8 | | 30 | A |
| Endosulfan I | 117 | | 107 | | 30-150 | 9 | | 30 | A |
| Endosulfan II | 129 | | 118 | | 30-150 | 9 | | 30 | A |
| Endosulfan sulfate | 119 | | 111 | | 30-150 | 7 | | 30 | A |
| Methoxychlor | 121 | | 111 | | 30-150 | 9 | | 30 | A |
| cis-Chlordane | 106 | | 96 | | 30-150 | 10 | | 30 | A |
| trans-Chlordane | 126 | | 115 | | 30-150 | 9 | | 30 | A |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2441487

**Report Date:** 08/05/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 11-18 Batch: WG1952446-2 WG1952446-3 | | | | | | | | |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 80 | | 76 | | 30-150 | A |
| Decachlorobiphenyl | 85 | | 80 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 95 | | 91 | | 30-150 | B |
| Decachlorobiphenyl | 100 | | 98 | | 30-150 | B |

# METALS

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-01 Date Collected: 07/22/24 09:15

Client ID: LAGOON-SW-01-08 Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 7190 | | mg/kg | 8.74 | 2.36 | 2 | 07/24/24 22:50 | 07/26/24 11:29 | EPA 3050B | 1,6010D | JMF |
| Antimony, Total | 1.21 | J | mg/kg | 4.37 | 0.332 | 2 | 07/24/24 22:50 | 07/26/24 11:29 | EPA 3050B | 1,6010D | JMF |
| Arsenic, Total | 3.45 | | mg/kg | 0.874 | 0.182 | 2 | 07/24/24 22:50 | 07/26/24 11:29 | EPA 3050B | 1,6010D | JMF |
| Barium, Total | 102 | | mg/kg | 0.874 | 0.152 | 2 | 07/24/24 22:50 | 07/26/24 11:29 | EPA 3050B | 1,6010D | JMF |
| Beryllium, Total | 0.429 | J | mg/kg | 0.437 | 0.029 | 2 | 07/24/24 22:50 | 07/26/24 11:29 | EPA 3050B | 1,6010D | JMF |
| Cadmium, Total | 0.280 | J | mg/kg | 0.874 | 0.086 | 2 | 07/24/24 22:50 | 07/26/24 11:29 | EPA 3050B | 1,6010D | JMF |
| Calcium, Total | 34100 | | mg/kg | 8.74 | 3.06 | 2 | 07/24/24 22:50 | 07/26/24 11:29 | EPA 3050B | 1,6010D | JMF |
| Chromium, Total | 51.8 | | mg/kg | 0.874 | 0.084 | 2 | 07/24/24 22:50 | 07/26/24 11:29 | EPA 3050B | 1,6010D | JMF |
| Cobalt, Total | 8.03 | | mg/kg | 1.75 | 0.145 | 2 | 07/24/24 22:50 | 07/26/24 11:29 | EPA 3050B | 1,6010D | JMF |
| Copper, Total | 17.7 | | mg/kg | 0.874 | 0.226 | 2 | 07/24/24 22:50 | 07/26/24 11:29 | EPA 3050B | 1,6010D | JMF |
| Iron, Total | 14400 | | mg/kg | 4.37 | 0.789 | 2 | 07/24/24 22:50 | 07/26/24 11:29 | EPA 3050B | 1,6010D | JMF |
| Lead, Total | 810 | | mg/kg | 4.37 | 0.234 | 2 | 07/24/24 22:50 | 07/26/24 11:29 | EPA 3050B | 1,6010D | JMF |
| Magnesium, Total | 9770 | | mg/kg | 8.74 | 1.35 | 2 | 07/24/24 22:50 | 07/26/24 11:29 | EPA 3050B | 1,6010D | JMF |
| Manganese, Total | 536 | | mg/kg | 0.874 | 0.139 | 2 | 07/24/24 22:50 | 07/26/24 11:29 | EPA 3050B | 1,6010D | JMF |
| Mercury, Total | 3.56 | | mg/kg | 0.165 | 0.108 | 2 | 07/24/24 23:57 | 07/30/24 12:11 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 13.4 | | mg/kg | 2.18 | 0.212 | 2 | 07/24/24 22:50 | 07/26/24 11:29 | EPA 3050B | 1,6010D | JMF |
| Potassium, Total | 622 | | mg/kg | 218 | 12.6 | 2 | 07/24/24 22:50 | 07/26/24 11:29 | EPA 3050B | 1,6010D | JMF |
| Selenium, Total | ND | | mg/kg | 1.75 | 0.226 | 2 | 07/24/24 22:50 | 07/26/24 11:29 | EPA 3050B | 1,6010D | JMF |
| Silver, Total | ND | | mg/kg | 0.437 | 0.247 | 2 | 07/24/24 22:50 | 07/26/24 11:29 | EPA 3050B | 1,6010D | JMF |
| Sodium, Total | 82.0 | J | mg/kg | 175 | 2.75 | 2 | 07/24/24 22:50 | 07/26/24 11:29 | EPA 3050B | 1,6010D | JMF |
| Thallium, Total | ND | | mg/kg | 1.75 | 0.275 | 2 | 07/24/24 22:50 | 07/26/24 11:29 | EPA 3050B | 1,6010D | JMF |
| Vanadium, Total | 15.9 | | mg/kg | 0.874 | 0.177 | 2 | 07/24/24 22:50 | 07/26/24 11:29 | EPA 3050B | 1,6010D | JMF |
| Zinc, Total | 121 | | mg/kg | 4.37 | 0.256 | 2 | 07/24/24 22:50 | 07/26/24 11:29 | EPA 3050B | 1,6010D | JMF |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-02 Date Collected: 07/18/24 08:40

Client ID: TRENCH-01 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 79%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 11600 | | mg/kg | 9.82 | 2.65 | 2 | 07/24/24 22:50 | 07/26/24 11:17 | EPA 3050B | 1,6010D | JMF |
| Antimony, Total | 0.379 | J | mg/kg | 4.91 | 0.373 | 2 | 07/24/24 22:50 | 07/26/24 11:17 | EPA 3050B | 1,6010D | JMF |
| Arsenic, Total | 11.2 | | mg/kg | 0.982 | 0.204 | 2 | 07/24/24 22:50 | 07/26/24 11:17 | EPA 3050B | 1,6010D | JMF |
| Barium, Total | 134 | | mg/kg | 0.982 | 0.171 | 2 | 07/24/24 22:50 | 07/26/24 11:17 | EPA 3050B | 1,6010D | JMF |
| Beryllium, Total | 0.690 | | mg/kg | 0.491 | 0.032 | 2 | 07/24/24 22:50 | 07/26/24 11:17 | EPA 3050B | 1,6010D | JMF |
| Cadmium, Total | 0.366 | J | mg/kg | 0.982 | 0.096 | 2 | 07/24/24 22:50 | 07/26/24 11:17 | EPA 3050B | 1,6010D | JMF |
| Calcium, Total | 9980 | | mg/kg | 9.82 | 3.44 | 2 | 07/24/24 22:50 | 07/26/24 11:17 | EPA 3050B | 1,6010D | JMF |
| Chromium, Total | 18.5 | | mg/kg | 0.982 | 0.094 | 2 | 07/24/24 22:50 | 07/26/24 11:17 | EPA 3050B | 1,6010D | JMF |
| Cobalt, Total | 15.0 | | mg/kg | 1.96 | 0.163 | 2 | 07/24/24 22:50 | 07/26/24 11:17 | EPA 3050B | 1,6010D | JMF |
| Copper, Total | 21.4 | | mg/kg | 0.982 | 0.253 | 2 | 07/24/24 22:50 | 07/26/24 11:17 | EPA 3050B | 1,6010D | JMF |
| Iron, Total | 22700 | | mg/kg | 4.91 | 0.887 | 2 | 07/24/24 22:50 | 07/26/24 11:17 | EPA 3050B | 1,6010D | JMF |
| Lead, Total | 34.7 | | mg/kg | 4.91 | 0.263 | 2 | 07/24/24 22:50 | 07/26/24 11:17 | EPA 3050B | 1,6010D | JMF |
| Magnesium, Total | 5490 | | mg/kg | 9.82 | 1.51 | 2 | 07/24/24 22:50 | 07/26/24 11:17 | EPA 3050B | 1,6010D | JMF |
| Manganese, Total | 1160 | | mg/kg | 0.982 | 0.156 | 2 | 07/24/24 22:50 | 07/26/24 11:17 | EPA 3050B | 1,6010D | JMF |
| Mercury, Total | 0.151 | | mg/kg | 0.082 | 0.053 | 1 | 07/24/24 23:57 | 07/30/24 12:21 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 23.0 | | mg/kg | 2.46 | 0.238 | 2 | 07/24/24 22:50 | 07/26/24 11:17 | EPA 3050B | 1,6010D | JMF |
| Potassium, Total | 1130 | | mg/kg | 246 | 14.1 | 2 | 07/24/24 22:50 | 07/26/24 11:17 | EPA 3050B | 1,6010D | JMF |
| Selenium, Total | ND | | mg/kg | 1.96 | 0.253 | 2 | 07/24/24 22:50 | 07/26/24 11:17 | EPA 3050B | 1,6010D | JMF |
| Silver, Total | ND | | mg/kg | 0.491 | 0.278 | 2 | 07/24/24 22:50 | 07/26/24 11:17 | EPA 3050B | 1,6010D | JMF |
| Sodium, Total | 69.9 | J | mg/kg | 196 | 3.09 | 2 | 07/24/24 22:50 | 07/26/24 11:17 | EPA 3050B | 1,6010D | JMF |
| Thallium, Total | ND | | mg/kg | 1.96 | 0.309 | 2 | 07/24/24 22:50 | 07/26/24 11:17 | EPA 3050B | 1,6010D | JMF |
| Vanadium, Total | 25.5 | | mg/kg | 0.982 | 0.199 | 2 | 07/24/24 22:50 | 07/26/24 11:17 | EPA 3050B | 1,6010D | JMF |
| Zinc, Total | 88.3 | | mg/kg | 4.91 | 0.288 | 2 | 07/24/24 22:50 | 07/26/24 11:17 | EPA 3050B | 1,6010D | JMF |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-03 Date Collected: 07/18/24 08:55

Client ID: TRENCH-02 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 80%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 9990 | | mg/kg | 9.64 | 2.60 | 2 | 07/24/24 22:50 | 07/26/24 11:21 | EPA 3050B | 1,6010D | JMF |
| Antimony, Total | ND | | mg/kg | 4.82 | 0.366 | 2 | 07/24/24 22:50 | 07/26/24 11:21 | EPA 3050B | 1,6010D | JMF |
| Arsenic, Total | 7.92 | | mg/kg | 0.964 | 0.201 | 2 | 07/24/24 22:50 | 07/26/24 11:21 | EPA 3050B | 1,6010D | JMF |
| Barium, Total | 96.2 | | mg/kg | 0.964 | 0.168 | 2 | 07/24/24 22:50 | 07/26/24 11:21 | EPA 3050B | 1,6010D | JMF |
| Beryllium, Total | 0.826 | | mg/kg | 0.482 | 0.032 | 2 | 07/24/24 22:50 | 07/26/24 11:21 | EPA 3050B | 1,6010D | JMF |
| Cadmium, Total | 0.245 | J | mg/kg | 0.964 | 0.095 | 2 | 07/24/24 22:50 | 07/26/24 11:21 | EPA 3050B | 1,6010D | JMF |
| Calcium, Total | 32200 | | mg/kg | 9.64 | 3.38 | 2 | 07/24/24 22:50 | 07/26/24 11:21 | EPA 3050B | 1,6010D | JMF |
| Chromium, Total | 15.5 | | mg/kg | 0.964 | 0.093 | 2 | 07/24/24 22:50 | 07/26/24 11:21 | EPA 3050B | 1,6010D | JMF |
| Cobalt, Total | 6.65 | | mg/kg | 1.93 | 0.160 | 2 | 07/24/24 22:50 | 07/26/24 11:21 | EPA 3050B | 1,6010D | JMF |
| Copper, Total | 23.6 | | mg/kg | 0.964 | 0.249 | 2 | 07/24/24 22:50 | 07/26/24 11:21 | EPA 3050B | 1,6010D | JMF |
| Iron, Total | 17200 | | mg/kg | 4.82 | 0.871 | 2 | 07/24/24 22:50 | 07/26/24 11:21 | EPA 3050B | 1,6010D | JMF |
| Lead, Total | 28.8 | | mg/kg | 4.82 | 0.258 | 2 | 07/24/24 22:50 | 07/26/24 11:21 | EPA 3050B | 1,6010D | JMF |
| Magnesium, Total | 10900 | | mg/kg | 9.64 | 1.48 | 2 | 07/24/24 22:50 | 07/26/24 11:21 | EPA 3050B | 1,6010D | JMF |
| Manganese, Total | 609 | | mg/kg | 0.964 | 0.153 | 2 | 07/24/24 22:50 | 07/26/24 11:21 | EPA 3050B | 1,6010D | JMF |
| Mercury, Total | 0.089 | | mg/kg | 0.078 | 0.051 | 1 | 07/24/24 23:57 | 07/30/24 12:25 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 15.2 | | mg/kg | 2.41 | 0.233 | 2 | 07/24/24 22:50 | 07/26/24 11:21 | EPA 3050B | 1,6010D | JMF |
| Potassium, Total | 958 | | mg/kg | 241 | 13.9 | 2 | 07/24/24 22:50 | 07/26/24 11:21 | EPA 3050B | 1,6010D | JMF |
| Selenium, Total | ND | | mg/kg | 1.93 | 0.249 | 2 | 07/24/24 22:50 | 07/26/24 11:21 | EPA 3050B | 1,6010D | JMF |
| Silver, Total | ND | | mg/kg | 0.482 | 0.273 | 2 | 07/24/24 22:50 | 07/26/24 11:21 | EPA 3050B | 1,6010D | JMF |
| Sodium, Total | 141 | J | mg/kg | 193 | 3.04 | 2 | 07/24/24 22:50 | 07/26/24 11:21 | EPA 3050B | 1,6010D | JMF |
| Thallium, Total | ND | | mg/kg | 1.93 | 0.304 | 2 | 07/24/24 22:50 | 07/26/24 11:21 | EPA 3050B | 1,6010D | JMF |
| Vanadium, Total | 19.0 | | mg/kg | 0.964 | 0.196 | 2 | 07/24/24 22:50 | 07/26/24 11:21 | EPA 3050B | 1,6010D | JMF |
| Zinc, Total | 177 | | mg/kg | 4.82 | 0.283 | 2 | 07/24/24 22:50 | 07/26/24 11:21 | EPA 3050B | 1,6010D | JMF |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-04 Date Collected: 07/18/24 10:00

Client ID: TRENCH-03 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 7250 | | mg/kg | 9.50 | 2.56 | 2 | 07/24/24 22:50 | 07/26/24 11:25 | EPA 3050B | 1,6010D | JMF |
| Antimony, Total | ND | | mg/kg | 4.75 | 0.361 | 2 | 07/24/24 22:50 | 07/26/24 11:25 | EPA 3050B | 1,6010D | JMF |
| Arsenic, Total | 2.85 | | mg/kg | 0.950 | 0.198 | 2 | 07/24/24 22:50 | 07/26/24 11:25 | EPA 3050B | 1,6010D | JMF |
| Barium, Total | 62.9 | | mg/kg | 0.950 | 0.165 | 2 | 07/24/24 22:50 | 07/26/24 11:25 | EPA 3050B | 1,6010D | JMF |
| Beryllium, Total | 0.386 | J | mg/kg | 0.475 | 0.031 | 2 | 07/24/24 22:50 | 07/26/24 11:25 | EPA 3050B | 1,6010D | JMF |
| Cadmium, Total | 0.146 | J | mg/kg | 0.950 | 0.093 | 2 | 07/24/24 22:50 | 07/26/24 11:25 | EPA 3050B | 1,6010D | JMF |
| Calcium, Total | 38700 | | mg/kg | 9.50 | 3.32 | 2 | 07/24/24 22:50 | 07/26/24 11:25 | EPA 3050B | 1,6010D | JMF |
| Chromium, Total | 10.1 | | mg/kg | 0.950 | 0.091 | 2 | 07/24/24 22:50 | 07/26/24 11:25 | EPA 3050B | 1,6010D | JMF |
| Cobalt, Total | 5.04 | | mg/kg | 1.90 | 0.158 | 2 | 07/24/24 22:50 | 07/26/24 11:25 | EPA 3050B | 1,6010D | JMF |
| Copper, Total | 12.5 | | mg/kg | 0.950 | 0.245 | 2 | 07/24/24 22:50 | 07/26/24 11:25 | EPA 3050B | 1,6010D | JMF |
| Iron, Total | 13100 | | mg/kg | 4.75 | 0.858 | 2 | 07/24/24 22:50 | 07/26/24 11:25 | EPA 3050B | 1,6010D | JMF |
| Lead, Total | 10.2 | | mg/kg | 4.75 | 0.255 | 2 | 07/24/24 22:50 | 07/26/24 11:25 | EPA 3050B | 1,6010D | JMF |
| Magnesium, Total | 9780 | | mg/kg | 9.50 | 1.46 | 2 | 07/24/24 22:50 | 07/26/24 11:25 | EPA 3050B | 1,6010D | JMF |
| Manganese, Total | 332 | | mg/kg | 0.950 | 0.151 | 2 | 07/24/24 22:50 | 07/26/24 11:25 | EPA 3050B | 1,6010D | JMF |
| Mercury, Total | ND | | mg/kg | 0.078 | 0.051 | 1 | 07/24/24 23:57 | 07/30/24 12:28 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 12.2 | | mg/kg | 2.38 | 0.230 | 2 | 07/24/24 22:50 | 07/26/24 11:25 | EPA 3050B | 1,6010D | JMF |
| Potassium, Total | 689 | | mg/kg | 238 | 13.7 | 2 | 07/24/24 22:50 | 07/26/24 11:25 | EPA 3050B | 1,6010D | JMF |
| Selenium, Total | ND | | mg/kg | 1.90 | 0.245 | 2 | 07/24/24 22:50 | 07/26/24 11:25 | EPA 3050B | 1,6010D | JMF |
| Silver, Total | ND | | mg/kg | 0.475 | 0.269 | 2 | 07/24/24 22:50 | 07/26/24 11:25 | EPA 3050B | 1,6010D | JMF |
| Sodium, Total | 95.3 | J | mg/kg | 190 | 2.99 | 2 | 07/24/24 22:50 | 07/26/24 11:25 | EPA 3050B | 1,6010D | JMF |
| Thallium, Total | ND | | mg/kg | 1.90 | 0.299 | 2 | 07/24/24 22:50 | 07/26/24 11:25 | EPA 3050B | 1,6010D | JMF |
| Vanadium, Total | 14.2 | | mg/kg | 0.950 | 0.193 | 2 | 07/24/24 22:50 | 07/26/24 11:25 | EPA 3050B | 1,6010D | JMF |
| Zinc, Total | 71.6 | | mg/kg | 4.75 | 0.278 | 2 | 07/24/24 22:50 | 07/26/24 11:25 | EPA 3050B | 1,6010D | JMF |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-05 Date Collected: 07/18/24 11:50

Client ID: TRENCH-04 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 12400 | | mg/kg | 8.98 | 2.42 | 2 | 07/24/24 22:50 | 07/26/24 16:38 | EPA 3050B | 1,6010D | JMF |
| Antimony, Total | 0.441 | J | mg/kg | 4.49 | 0.341 | 2 | 07/24/24 22:50 | 07/26/24 16:38 | EPA 3050B | 1,6010D | JMF |
| Arsenic, Total | 6.02 | | mg/kg | 0.898 | 0.187 | 2 | 07/24/24 22:50 | 07/26/24 16:38 | EPA 3050B | 1,6010D | JMF |
| Barium, Total | 89.8 | | mg/kg | 0.898 | 0.156 | 2 | 07/24/24 22:50 | 07/26/24 16:38 | EPA 3050B | 1,6010D | JMF |
| Beryllium, Total | 0.624 | | mg/kg | 0.449 | 0.030 | 2 | 07/24/24 22:50 | 07/26/24 16:38 | EPA 3050B | 1,6010D | JMF |
| Cadmium, Total | ND | | mg/kg | 0.898 | 0.088 | 2 | 07/24/24 22:50 | 07/26/24 16:38 | EPA 3050B | 1,6010D | JMF |
| Calcium, Total | 35000 | | mg/kg | 8.98 | 3.14 | 2 | 07/24/24 22:50 | 07/26/24 16:38 | EPA 3050B | 1,6010D | JMF |
| Chromium, Total | 17.4 | | mg/kg | 0.898 | 0.086 | 2 | 07/24/24 22:50 | 07/26/24 16:38 | EPA 3050B | 1,6010D | JMF |
| Cobalt, Total | 12.0 | | mg/kg | 1.80 | 0.149 | 2 | 07/24/24 22:50 | 07/26/24 16:38 | EPA 3050B | 1,6010D | JMF |
| Copper, Total | 21.4 | | mg/kg | 0.898 | 0.232 | 2 | 07/24/24 22:50 | 07/26/24 16:38 | EPA 3050B | 1,6010D | JMF |
| Iron, Total | 16100 | | mg/kg | 4.49 | 0.811 | 2 | 07/24/24 22:50 | 07/26/24 16:38 | EPA 3050B | 1,6010D | JMF |
| Lead, Total | 15.7 | | mg/kg | 4.49 | 0.241 | 2 | 07/24/24 22:50 | 07/26/24 16:38 | EPA 3050B | 1,6010D | JMF |
| Magnesium, Total | 12000 | | mg/kg | 8.98 | 1.38 | 2 | 07/24/24 22:50 | 07/26/24 16:38 | EPA 3050B | 1,6010D | JMF |
| Manganese, Total | 471 | | mg/kg | 0.898 | 0.143 | 2 | 07/24/24 22:50 | 07/26/24 16:38 | EPA 3050B | 1,6010D | JMF |
| Mercury, Total | ND | | mg/kg | 0.081 | 0.053 | 1 | 07/24/24 23:57 | 07/30/24 12:31 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 25.4 | | mg/kg | 2.24 | 0.217 | 2 | 07/24/24 22:50 | 07/26/24 16:38 | EPA 3050B | 1,6010D | JMF |
| Potassium, Total | 1130 | | mg/kg | 224 | 12.9 | 2 | 07/24/24 22:50 | 07/26/24 16:38 | EPA 3050B | 1,6010D | JMF |
| Selenium, Total | ND | | mg/kg | 1.80 | 0.232 | 2 | 07/24/24 22:50 | 07/26/24 16:38 | EPA 3050B | 1,6010D | JMF |
| Silver, Total | ND | | mg/kg | 0.449 | 0.254 | 2 | 07/24/24 22:50 | 07/26/24 16:38 | EPA 3050B | 1,6010D | JMF |
| Sodium, Total | 92.2 | J | mg/kg | 180 | 2.83 | 2 | 07/24/24 22:50 | 07/26/24 16:38 | EPA 3050B | 1,6010D | JMF |
| Thallium, Total | ND | | mg/kg | 1.80 | 0.283 | 2 | 07/24/24 22:50 | 07/26/24 16:38 | EPA 3050B | 1,6010D | JMF |
| Vanadium, Total | 24.0 | | mg/kg | 0.898 | 0.182 | 2 | 07/24/24 22:50 | 07/26/24 16:38 | EPA 3050B | 1,6010D | JMF |
| Zinc, Total | 157 | | mg/kg | 4.49 | 0.263 | 2 | 07/24/24 22:50 | 07/26/24 16:38 | EPA 3050B | 1,6010D | JMF |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-06 Date Collected: 07/18/24 12:00

Client ID: TRENCH-05 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 8900 | | mg/kg | 9.35 | 2.52 | 2 | 07/24/24 22:50 | 07/26/24 16:44 | EPA 3050B | 1,6010D | JMF |
| Antimony, Total | 0.566 | J | mg/kg | 4.67 | 0.355 | 2 | 07/24/24 22:50 | 07/26/24 16:44 | EPA 3050B | 1,6010D | JMF |
| Arsenic, Total | 4.67 | | mg/kg | 0.935 | 0.194 | 2 | 07/24/24 22:50 | 07/26/24 16:44 | EPA 3050B | 1,6010D | JMF |
| Barium, Total | 69.3 | | mg/kg | 0.935 | 0.163 | 2 | 07/24/24 22:50 | 07/26/24 16:44 | EPA 3050B | 1,6010D | JMF |
| Beryllium, Total | 0.424 | J | mg/kg | 0.467 | 0.031 | 2 | 07/24/24 22:50 | 07/26/24 16:44 | EPA 3050B | 1,6010D | JMF |
| Cadmium, Total | 0.112 | J | mg/kg | 0.935 | 0.092 | 2 | 07/24/24 22:50 | 07/26/24 16:44 | EPA 3050B | 1,6010D | JMF |
| Calcium, Total | 52500 | | mg/kg | 9.35 | 3.27 | 2 | 07/24/24 22:50 | 07/26/24 16:44 | EPA 3050B | 1,6010D | JMF |
| Chromium, Total | 12.4 | | mg/kg | 0.935 | 0.090 | 2 | 07/24/24 22:50 | 07/26/24 16:44 | EPA 3050B | 1,6010D | JMF |
| Cobalt, Total | 11.4 | | mg/kg | 1.87 | 0.155 | 2 | 07/24/24 22:50 | 07/26/24 16:44 | EPA 3050B | 1,6010D | JMF |
| Copper, Total | 21.6 | | mg/kg | 0.935 | 0.241 | 2 | 07/24/24 22:50 | 07/26/24 16:44 | EPA 3050B | 1,6010D | JMF |
| Iron, Total | 12600 | | mg/kg | 4.67 | 0.844 | 2 | 07/24/24 22:50 | 07/26/24 16:44 | EPA 3050B | 1,6010D | JMF |
| Lead, Total | 10.9 | | mg/kg | 4.67 | 0.250 | 2 | 07/24/24 22:50 | 07/26/24 16:44 | EPA 3050B | 1,6010D | JMF |
| Magnesium, Total | 14300 | | mg/kg | 9.35 | 1.44 | 2 | 07/24/24 22:50 | 07/26/24 16:44 | EPA 3050B | 1,6010D | JMF |
| Manganese, Total | 613 | | mg/kg | 0.935 | 0.149 | 2 | 07/24/24 22:50 | 07/26/24 16:44 | EPA 3050B | 1,6010D | JMF |
| Mercury, Total | ND | | mg/kg | 0.084 | 0.055 | 1 | 07/24/24 23:57 | 07/30/24 12:34 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 18.2 | | mg/kg | 2.34 | 0.226 | 2 | 07/24/24 22:50 | 07/26/24 16:44 | EPA 3050B | 1,6010D | JMF |
| Potassium, Total | 782 | | mg/kg | 234 | 13.5 | 2 | 07/24/24 22:50 | 07/26/24 16:44 | EPA 3050B | 1,6010D | JMF |
| Selenium, Total | ND | | mg/kg | 1.87 | 0.241 | 2 | 07/24/24 22:50 | 07/26/24 16:44 | EPA 3050B | 1,6010D | JMF |
| Silver, Total | ND | | mg/kg | 0.467 | 0.264 | 2 | 07/24/24 22:50 | 07/26/24 16:44 | EPA 3050B | 1,6010D | JMF |
| Sodium, Total | 91.4 | J | mg/kg | 187 | 2.94 | 2 | 07/24/24 22:50 | 07/26/24 16:44 | EPA 3050B | 1,6010D | JMF |
| Thallium, Total | ND | | mg/kg | 1.87 | 0.294 | 2 | 07/24/24 22:50 | 07/26/24 16:44 | EPA 3050B | 1,6010D | JMF |
| Vanadium, Total | 19.0 | | mg/kg | 0.935 | 0.190 | 2 | 07/24/24 22:50 | 07/26/24 16:44 | EPA 3050B | 1,6010D | JMF |
| Zinc, Total | 113 | | mg/kg | 4.67 | 0.274 | 2 | 07/24/24 22:50 | 07/26/24 16:44 | EPA 3050B | 1,6010D | JMF |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-07 Date Collected: 07/18/24 12:20

Client ID: TRENCH-06 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 78%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 18800 | | mg/kg | 10.0 | 2.71 | 2 | 07/24/24 22:50 | 07/26/24 16:51 | EPA 3050B | 1,6010D | JMF |
| Antimony, Total | ND | | mg/kg | 5.01 | 0.381 | 2 | 07/24/24 22:50 | 07/26/24 16:51 | EPA 3050B | 1,6010D | JMF |
| Arsenic, Total | 3.44 | | mg/kg | 1.00 | 0.208 | 2 | 07/24/24 22:50 | 07/26/24 16:51 | EPA 3050B | 1,6010D | JMF |
| Barium, Total | 149 | | mg/kg | 1.00 | 0.174 | 2 | 07/24/24 22:50 | 07/26/24 16:51 | EPA 3050B | 1,6010D | JMF |
| Beryllium, Total | 0.990 | | mg/kg | 0.501 | 0.033 | 2 | 07/24/24 22:50 | 07/26/24 16:51 | EPA 3050B | 1,6010D | JMF |
| Cadmium, Total | ND | | mg/kg | 1.00 | 0.098 | 2 | 07/24/24 22:50 | 07/26/24 16:51 | EPA 3050B | 1,6010D | JMF |
| Calcium, Total | 4720 | | mg/kg | 10.0 | 3.51 | 2 | 07/24/24 22:50 | 07/26/24 16:51 | EPA 3050B | 1,6010D | JMF |
| Chromium, Total | 19.6 | | mg/kg | 1.00 | 0.096 | 2 | 07/24/24 22:50 | 07/26/24 16:51 | EPA 3050B | 1,6010D | JMF |
| Cobalt, Total | 10.0 | | mg/kg | 2.00 | 0.166 | 2 | 07/24/24 22:50 | 07/26/24 16:51 | EPA 3050B | 1,6010D | JMF |
| Copper, Total | 10.8 | | mg/kg | 1.00 | 0.259 | 2 | 07/24/24 22:50 | 07/26/24 16:51 | EPA 3050B | 1,6010D | JMF |
| Iron, Total | 18000 | | mg/kg | 5.01 | 0.905 | 2 | 07/24/24 22:50 | 07/26/24 16:51 | EPA 3050B | 1,6010D | JMF |
| Lead, Total | 9.97 | | mg/kg | 5.01 | 0.269 | 2 | 07/24/24 22:50 | 07/26/24 16:51 | EPA 3050B | 1,6010D | JMF |
| Magnesium, Total | 4590 | | mg/kg | 10.0 | 1.54 | 2 | 07/24/24 22:50 | 07/26/24 16:51 | EPA 3050B | 1,6010D | JMF |
| Manganese, Total | 624 | | mg/kg | 1.00 | 0.159 | 2 | 07/24/24 22:50 | 07/26/24 16:51 | EPA 3050B | 1,6010D | JMF |
| Mercury, Total | 0.076 | J | mg/kg | 0.085 | 0.056 | 1 | 07/24/24 23:57 | 07/30/24 12:38 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 19.0 | | mg/kg | 2.51 | 0.243 | 2 | 07/24/24 22:50 | 07/26/24 16:51 | EPA 3050B | 1,6010D | JMF |
| Potassium, Total | 965 | | mg/kg | 251 | 14.4 | 2 | 07/24/24 22:50 | 07/26/24 16:51 | EPA 3050B | 1,6010D | JMF |
| Selenium, Total | ND | | mg/kg | 2.00 | 0.259 | 2 | 07/24/24 22:50 | 07/26/24 16:51 | EPA 3050B | 1,6010D | JMF |
| Silver, Total | ND | | mg/kg | 0.501 | 0.284 | 2 | 07/24/24 22:50 | 07/26/24 16:51 | EPA 3050B | 1,6010D | JMF |
| Sodium, Total | 51.4 | J | mg/kg | 200 | 3.16 | 2 | 07/24/24 22:50 | 07/26/24 16:51 | EPA 3050B | 1,6010D | JMF |
| Thallium, Total | ND | | mg/kg | 2.00 | 0.316 | 2 | 07/24/24 22:50 | 07/26/24 16:51 | EPA 3050B | 1,6010D | JMF |
| Vanadium, Total | 26.3 | | mg/kg | 1.00 | 0.204 | 2 | 07/24/24 22:50 | 07/26/24 16:51 | EPA 3050B | 1,6010D | JMF |
| Zinc, Total | 111 | | mg/kg | 5.01 | 0.294 | 2 | 07/24/24 22:50 | 07/26/24 16:51 | EPA 3050B | 1,6010D | JMF |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-08 Date Collected: 07/18/24 13:00

Client ID: TRENCH-07 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 16600 | | mg/kg | 9.52 | 2.57 | 2 | 07/24/24 22:50 | 07/26/24 16:57 | EPA 3050B | 1,6010D | JMF |
| Antimony, Total | ND | | mg/kg | 4.76 | 0.362 | 2 | 07/24/24 22:50 | 07/26/24 16:57 | EPA 3050B | 1,6010D | JMF |
| Arsenic, Total | 4.83 | | mg/kg | 0.952 | 0.198 | 2 | 07/24/24 22:50 | 07/26/24 16:57 | EPA 3050B | 1,6010D | JMF |
| Barium, Total | 132 | | mg/kg | 0.952 | 0.166 | 2 | 07/24/24 22:50 | 07/26/24 16:57 | EPA 3050B | 1,6010D | JMF |
| Beryllium, Total | 0.829 | | mg/kg | 0.476 | 0.031 | 2 | 07/24/24 22:50 | 07/26/24 16:57 | EPA 3050B | 1,6010D | JMF |
| Cadmium, Total | ND | | mg/kg | 0.952 | 0.093 | 2 | 07/24/24 22:50 | 07/26/24 16:57 | EPA 3050B | 1,6010D | JMF |
| Calcium, Total | 16200 | | mg/kg | 9.52 | 3.33 | 2 | 07/24/24 22:50 | 07/26/24 16:57 | EPA 3050B | 1,6010D | JMF |
| Chromium, Total | 20.4 | | mg/kg | 0.952 | 0.091 | 2 | 07/24/24 22:50 | 07/26/24 16:57 | EPA 3050B | 1,6010D | JMF |
| Cobalt, Total | 13.1 | | mg/kg | 1.90 | 0.158 | 2 | 07/24/24 22:50 | 07/26/24 16:57 | EPA 3050B | 1,6010D | JMF |
| Copper, Total | 19.4 | | mg/kg | 0.952 | 0.246 | 2 | 07/24/24 22:50 | 07/26/24 16:57 | EPA 3050B | 1,6010D | JMF |
| Iron, Total | 18400 | | mg/kg | 4.76 | 0.860 | 2 | 07/24/24 22:50 | 07/26/24 16:57 | EPA 3050B | 1,6010D | JMF |
| Lead, Total | 9.68 | | mg/kg | 4.76 | 0.255 | 2 | 07/24/24 22:50 | 07/26/24 16:57 | EPA 3050B | 1,6010D | JMF |
| Magnesium, Total | 8410 | | mg/kg | 9.52 | 1.47 | 2 | 07/24/24 22:50 | 07/26/24 16:57 | EPA 3050B | 1,6010D | JMF |
| Manganese, Total | 551 | | mg/kg | 0.952 | 0.151 | 2 | 07/24/24 22:50 | 07/26/24 16:57 | EPA 3050B | 1,6010D | JMF |
| Mercury, Total | ND | | mg/kg | 0.084 | 0.055 | 1 | 07/24/24 23:57 | 07/30/24 12:41 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 26.8 | | mg/kg | 2.38 | 0.230 | 2 | 07/24/24 22:50 | 07/26/24 16:57 | EPA 3050B | 1,6010D | JMF |
| Potassium, Total | 1180 | | mg/kg | 238 | 13.7 | 2 | 07/24/24 22:50 | 07/26/24 16:57 | EPA 3050B | 1,6010D | JMF |
| Selenium, Total | ND | | mg/kg | 1.90 | 0.246 | 2 | 07/24/24 22:50 | 07/26/24 16:57 | EPA 3050B | 1,6010D | JMF |
| Silver, Total | ND | | mg/kg | 0.476 | 0.269 | 2 | 07/24/24 22:50 | 07/26/24 16:57 | EPA 3050B | 1,6010D | JMF |
| Sodium, Total | 67.8 | J | mg/kg | 190 | 3.00 | 2 | 07/24/24 22:50 | 07/26/24 16:57 | EPA 3050B | 1,6010D | JMF |
| Thallium, Total | ND | | mg/kg | 1.90 | 0.300 | 2 | 07/24/24 22:50 | 07/26/24 16:57 | EPA 3050B | 1,6010D | JMF |
| Vanadium, Total | 27.9 | | mg/kg | 0.952 | 0.193 | 2 | 07/24/24 22:50 | 07/26/24 16:57 | EPA 3050B | 1,6010D | JMF |
| Zinc, Total | 65.2 | | mg/kg | 4.76 | 0.279 | 2 | 07/24/24 22:50 | 07/26/24 16:57 | EPA 3050B | 1,6010D | JMF |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-09 Date Collected: 07/18/24 13:20

Client ID: TRENCH-08 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 11400 | | mg/kg | 9.55 | 2.58 | 2 | 07/24/24 22:50 | 07/26/24 17:03 | EPA 3050B | 1,6010D | JMF |
| Antimony, Total | 0.627 | J | mg/kg | 4.78 | 0.363 | 2 | 07/24/24 22:50 | 07/26/24 17:03 | EPA 3050B | 1,6010D | JMF |
| Arsenic, Total | 5.41 | | mg/kg | 0.955 | 0.199 | 2 | 07/24/24 22:50 | 07/26/24 17:03 | EPA 3050B | 1,6010D | JMF |
| Barium, Total | 104 | | mg/kg | 0.955 | 0.166 | 2 | 07/24/24 22:50 | 07/26/24 17:03 | EPA 3050B | 1,6010D | JMF |
| Beryllium, Total | 0.639 | | mg/kg | 0.478 | 0.032 | 2 | 07/24/24 22:50 | 07/26/24 17:03 | EPA 3050B | 1,6010D | JMF |
| Cadmium, Total | 0.280 | J | mg/kg | 0.955 | 0.094 | 2 | 07/24/24 22:50 | 07/26/24 17:03 | EPA 3050B | 1,6010D | JMF |
| Calcium, Total | 15400 | | mg/kg | 9.55 | 3.34 | 2 | 07/24/24 22:50 | 07/26/24 17:03 | EPA 3050B | 1,6010D | JMF |
| Chromium, Total | 17.5 | | mg/kg | 0.955 | 0.092 | 2 | 07/24/24 22:50 | 07/26/24 17:03 | EPA 3050B | 1,6010D | JMF |
| Cobalt, Total | 8.27 | | mg/kg | 1.91 | 0.159 | 2 | 07/24/24 22:50 | 07/26/24 17:03 | EPA 3050B | 1,6010D | JMF |
| Copper, Total | 19.0 | | mg/kg | 0.955 | 0.246 | 2 | 07/24/24 22:50 | 07/26/24 17:03 | EPA 3050B | 1,6010D | JMF |
| Iron, Total | 13500 | | mg/kg | 4.78 | 0.863 | 2 | 07/24/24 22:50 | 07/26/24 17:03 | EPA 3050B | 1,6010D | JMF |
| Lead, Total | 124 | | mg/kg | 4.78 | 0.256 | 2 | 07/24/24 22:50 | 07/26/24 17:03 | EPA 3050B | 1,6010D | JMF |
| Magnesium, Total | 5610 | | mg/kg | 9.55 | 1.47 | 2 | 07/24/24 22:50 | 07/26/24 17:03 | EPA 3050B | 1,6010D | JMF |
| Manganese, Total | 599 | | mg/kg | 0.955 | 0.152 | 2 | 07/24/24 22:50 | 07/26/24 17:03 | EPA 3050B | 1,6010D | JMF |
| Mercury, Total | 0.147 | | mg/kg | 0.076 | 0.049 | 1 | 07/24/24 23:57 | 07/30/24 12:51 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 16.1 | | mg/kg | 2.39 | 0.231 | 2 | 07/24/24 22:50 | 07/26/24 17:03 | EPA 3050B | 1,6010D | JMF |
| Potassium, Total | 586 | | mg/kg | 239 | 13.8 | 2 | 07/24/24 22:50 | 07/26/24 17:03 | EPA 3050B | 1,6010D | JMF |
| Selenium, Total | ND | | mg/kg | 1.91 | 0.246 | 2 | 07/24/24 22:50 | 07/26/24 17:03 | EPA 3050B | 1,6010D | JMF |
| Silver, Total | ND | | mg/kg | 0.478 | 0.270 | 2 | 07/24/24 22:50 | 07/26/24 17:03 | EPA 3050B | 1,6010D | JMF |
| Sodium, Total | 53.8 | J | mg/kg | 191 | 3.01 | 2 | 07/24/24 22:50 | 07/26/24 17:03 | EPA 3050B | 1,6010D | JMF |
| Thallium, Total | ND | | mg/kg | 1.91 | 0.301 | 2 | 07/24/24 22:50 | 07/26/24 17:03 | EPA 3050B | 1,6010D | JMF |
| Vanadium, Total | 22.4 | | mg/kg | 0.955 | 0.194 | 2 | 07/24/24 22:50 | 07/26/24 17:03 | EPA 3050B | 1,6010D | JMF |
| Zinc, Total | 173 | | mg/kg | 4.78 | 0.280 | 2 | 07/24/24 22:50 | 07/26/24 17:03 | EPA 3050B | 1,6010D | JMF |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-10 Date Collected: 07/18/24 13:40

Client ID: TRENCH-09 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 80%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 8630 | | mg/kg | 9.69 | 2.62 | 2 | 07/24/24 22:50 | 07/26/24 17:09 | EPA 3050B | 1,6010D | JMF |
| Antimony, Total | 1.84 | J | mg/kg | 4.84 | 0.368 | 2 | 07/24/24 22:50 | 07/26/24 17:09 | EPA 3050B | 1,6010D | JMF |
| Arsenic, Total | 6.17 | | mg/kg | 0.969 | 0.201 | 2 | 07/24/24 22:50 | 07/26/24 17:09 | EPA 3050B | 1,6010D | JMF |
| Barium, Total | 103 | | mg/kg | 0.969 | 0.168 | 2 | 07/24/24 22:50 | 07/26/24 17:09 | EPA 3050B | 1,6010D | JMF |
| Beryllium, Total | 1.06 | | mg/kg | 0.484 | 0.032 | 2 | 07/24/24 22:50 | 07/26/24 17:09 | EPA 3050B | 1,6010D | JMF |
| Cadmium, Total | 0.638 | J | mg/kg | 0.969 | 0.095 | 2 | 07/24/24 22:50 | 07/26/24 17:09 | EPA 3050B | 1,6010D | JMF |
| Calcium, Total | 87500 | | mg/kg | 9.69 | 3.39 | 2 | 07/24/24 22:50 | 07/26/24 17:09 | EPA 3050B | 1,6010D | JMF |
| Chromium, Total | 16.6 | | mg/kg | 0.969 | 0.093 | 2 | 07/24/24 22:50 | 07/26/24 17:09 | EPA 3050B | 1,6010D | JMF |
| Cobalt, Total | 5.81 | | mg/kg | 1.94 | 0.161 | 2 | 07/24/24 22:50 | 07/26/24 17:09 | EPA 3050B | 1,6010D | JMF |
| Copper, Total | 30.9 | | mg/kg | 0.969 | 0.250 | 2 | 07/24/24 22:50 | 07/26/24 17:09 | EPA 3050B | 1,6010D | JMF |
| Iron, Total | 15100 | | mg/kg | 4.84 | 0.875 | 2 | 07/24/24 22:50 | 07/26/24 17:09 | EPA 3050B | 1,6010D | JMF |
| Lead, Total | 241 | | mg/kg | 4.84 | 0.260 | 2 | 07/24/24 22:50 | 07/26/24 17:09 | EPA 3050B | 1,6010D | JMF |
| Magnesium, Total | 32800 | | mg/kg | 9.69 | 1.49 | 2 | 07/24/24 22:50 | 07/26/24 17:09 | EPA 3050B | 1,6010D | JMF |
| Manganese, Total | 964 | | mg/kg | 0.969 | 0.154 | 2 | 07/24/24 22:50 | 07/26/24 17:09 | EPA 3050B | 1,6010D | JMF |
| Mercury, Total | 0.838 | | mg/kg | 0.088 | 0.057 | 1 | 07/24/24 23:57 | 07/30/24 12:54 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 12.4 | | mg/kg | 2.42 | 0.234 | 2 | 07/24/24 22:50 | 07/26/24 17:09 | EPA 3050B | 1,6010D | JMF |
| Potassium, Total | 655 | | mg/kg | 242 | 13.9 | 2 | 07/24/24 22:50 | 07/26/24 17:09 | EPA 3050B | 1,6010D | JMF |
| Selenium, Total | 0.594 | J | mg/kg | 1.94 | 0.250 | 2 | 07/24/24 22:50 | 07/26/24 17:09 | EPA 3050B | 1,6010D | JMF |
| Silver, Total | ND | | mg/kg | 0.484 | 0.274 | 2 | 07/24/24 22:50 | 07/26/24 17:09 | EPA 3050B | 1,6010D | JMF |
| Sodium, Total | 187 | J | mg/kg | 194 | 3.05 | 2 | 07/24/24 22:50 | 07/26/24 17:09 | EPA 3050B | 1,6010D | JMF |
| Thallium, Total | ND | | mg/kg | 1.94 | 0.305 | 2 | 07/24/24 22:50 | 07/26/24 17:09 | EPA 3050B | 1,6010D | JMF |
| Vanadium, Total | 13.6 | | mg/kg | 0.969 | 0.197 | 2 | 07/24/24 22:50 | 07/26/24 17:09 | EPA 3050B | 1,6010D | JMF |
| Zinc, Total | 1170 | | mg/kg | 4.84 | 0.284 | 2 | 07/24/24 22:50 | 07/26/24 17:09 | EPA 3050B | 1,6010D | JMF |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-11 Date Collected: 07/18/24 14:00

Client ID: TRENCH-10 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 79%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 9860 | | mg/kg | 9.90 | 2.67 | 2 | 07/24/24 22:50 | 07/26/24 17:16 | EPA 3050B | 1,6010D | JMF |
| Antimony, Total | 2.01 | J | mg/kg | 4.95 | 0.376 | 2 | 07/24/24 22:50 | 07/26/24 17:16 | EPA 3050B | 1,6010D | JMF |
| Arsenic, Total | 7.64 | | mg/kg | 0.990 | 0.206 | 2 | 07/24/24 22:50 | 07/26/24 17:16 | EPA 3050B | 1,6010D | JMF |
| Barium, Total | 134 | | mg/kg | 0.990 | 0.172 | 2 | 07/24/24 22:50 | 07/26/24 17:16 | EPA 3050B | 1,6010D | JMF |
| Beryllium, Total | 0.718 | | mg/kg | 0.495 | 0.033 | 2 | 07/24/24 22:50 | 07/26/24 17:16 | EPA 3050B | 1,6010D | JMF |
| Cadmium, Total | 0.630 | J | mg/kg | 0.990 | 0.097 | 2 | 07/24/24 22:50 | 07/26/24 17:16 | EPA 3050B | 1,6010D | JMF |
| Calcium, Total | 38100 | | mg/kg | 9.90 | 3.46 | 2 | 07/24/24 22:50 | 07/26/24 17:16 | EPA 3050B | 1,6010D | JMF |
| Chromium, Total | 75.6 | | mg/kg | 0.990 | 0.095 | 2 | 07/24/24 22:50 | 07/26/24 17:16 | EPA 3050B | 1,6010D | JMF |
| Cobalt, Total | 8.79 | | mg/kg | 1.98 | 0.164 | 2 | 07/24/24 22:50 | 07/26/24 17:16 | EPA 3050B | 1,6010D | JMF |
| Copper, Total | 29.0 | | mg/kg | 0.990 | 0.255 | 2 | 07/24/24 22:50 | 07/26/24 17:16 | EPA 3050B | 1,6010D | JMF |
| Iron, Total | 14400 | | mg/kg | 4.95 | 0.894 | 2 | 07/24/24 22:50 | 07/26/24 17:16 | EPA 3050B | 1,6010D | JMF |
| Lead, Total | 466 | | mg/kg | 4.95 | 0.265 | 2 | 07/24/24 22:50 | 07/26/24 17:16 | EPA 3050B | 1,6010D | JMF |
| Magnesium, Total | 7490 | | mg/kg | 9.90 | 1.52 | 2 | 07/24/24 22:50 | 07/26/24 17:16 | EPA 3050B | 1,6010D | JMF |
| Manganese, Total | 596 | | mg/kg | 0.990 | 0.157 | 2 | 07/24/24 22:50 | 07/26/24 17:16 | EPA 3050B | 1,6010D | JMF |
| Mercury, Total | 1.36 | | mg/kg | 0.090 | 0.059 | 1 | 07/24/24 23:57 | 07/30/24 12:58 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 17.5 | | mg/kg | 2.47 | 0.240 | 2 | 07/24/24 22:50 | 07/26/24 17:16 | EPA 3050B | 1,6010D | JMF |
| Potassium, Total | 582 | | mg/kg | 247 | 14.2 | 2 | 07/24/24 22:50 | 07/26/24 17:16 | EPA 3050B | 1,6010D | JMF |
| Selenium, Total | 0.332 | J | mg/kg | 1.98 | 0.255 | 2 | 07/24/24 22:50 | 07/26/24 17:16 | EPA 3050B | 1,6010D | JMF |
| Silver, Total | ND | | mg/kg | 0.495 | 0.280 | 2 | 07/24/24 22:50 | 07/26/24 17:16 | EPA 3050B | 1,6010D | JMF |
| Sodium, Total | 146 | J | mg/kg | 198 | 3.12 | 2 | 07/24/24 22:50 | 07/26/24 17:16 | EPA 3050B | 1,6010D | JMF |
| Thallium, Total | ND | | mg/kg | 1.98 | 0.312 | 2 | 07/24/24 22:50 | 07/26/24 17:16 | EPA 3050B | 1,6010D | JMF |
| Vanadium, Total | 18.9 | | mg/kg | 0.990 | 0.201 | 2 | 07/24/24 22:50 | 07/26/24 17:16 | EPA 3050B | 1,6010D | JMF |
| Zinc, Total | 1010 | | mg/kg | 4.95 | 0.290 | 2 | 07/24/24 22:50 | 07/26/24 17:16 | EPA 3050B | 1,6010D | JMF |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-12 Date Collected: 07/19/24 07:40

Client ID: TRENCH-11 (0.5) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 5460 | | mg/kg | 17.6 | 4.74 | 4 | 07/24/24 22:50 | 07/26/24 18:23 | EPA 3050B | 1,6010D | JMF |
| Antimony, Total | 2.15 | J | mg/kg | 8.78 | 0.667 | 4 | 07/24/24 22:50 | 07/26/24 18:23 | EPA 3050B | 1,6010D | JMF |
| Arsenic, Total | 7.36 | | mg/kg | 1.76 | 0.365 | 4 | 07/24/24 22:50 | 07/26/24 18:23 | EPA 3050B | 1,6010D | JMF |
| Barium, Total | 66.8 | | mg/kg | 1.76 | 0.305 | 4 | 07/24/24 22:50 | 07/26/24 18:23 | EPA 3050B | 1,6010D | JMF |
| Beryllium, Total | 0.347 | J | mg/kg | 0.878 | 0.058 | 4 | 07/24/24 22:50 | 07/26/24 18:23 | EPA 3050B | 1,6010D | JMF |
| Cadmium, Total | 1.32 | J | mg/kg | 1.76 | 0.172 | 4 | 07/24/24 22:50 | 07/26/24 18:23 | EPA 3050B | 1,6010D | JMF |
| Calcium, Total | 98400 | | mg/kg | 17.6 | 6.14 | 4 | 07/24/24 22:50 | 07/26/24 18:23 | EPA 3050B | 1,6010D | JMF |
| Chromium, Total | 40.7 | | mg/kg | 1.76 | 0.168 | 4 | 07/24/24 22:50 | 07/26/24 18:23 | EPA 3050B | 1,6010D | JMF |
| Cobalt, Total | 7.56 | | mg/kg | 3.51 | 0.291 | 4 | 07/24/24 22:50 | 07/26/24 18:23 | EPA 3050B | 1,6010D | JMF |
| Copper, Total | 29.5 | | mg/kg | 1.76 | 0.453 | 4 | 07/24/24 22:50 | 07/26/24 18:23 | EPA 3050B | 1,6010D | JMF |
| Iron, Total | 18700 | | mg/kg | 8.78 | 1.58 | 4 | 07/24/24 22:50 | 07/26/24 18:23 | EPA 3050B | 1,6010D | JMF |
| Lead, Total | 266 | | mg/kg | 8.78 | 0.470 | 4 | 07/24/24 22:50 | 07/26/24 18:23 | EPA 3050B | 1,6010D | JMF |
| Magnesium, Total | 12600 | | mg/kg | 17.6 | 2.70 | 4 | 07/24/24 22:50 | 07/26/24 18:23 | EPA 3050B | 1,6010D | JMF |
| Manganese, Total | 539 | | mg/kg | 1.76 | 0.279 | 4 | 07/24/24 22:50 | 07/26/24 18:23 | EPA 3050B | 1,6010D | JMF |
| Mercury, Total | 0.437 | | mg/kg | 0.080 | 0.052 | 1 | 07/24/24 23:57 | 07/30/24 13:01 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 37.4 | | mg/kg | 4.39 | 0.425 | 4 | 07/24/24 22:50 | 07/26/24 18:23 | EPA 3050B | 1,6010D | JMF |
| Potassium, Total | 319 | J | mg/kg | 439 | 25.3 | 4 | 07/24/24 22:50 | 07/26/24 18:23 | EPA 3050B | 1,6010D | JMF |
| Selenium, Total | ND | | mg/kg | 3.51 | 0.453 | 4 | 07/24/24 22:50 | 07/26/24 18:23 | EPA 3050B | 1,6010D | JMF |
| Silver, Total | ND | | mg/kg | 0.878 | 0.497 | 4 | 07/24/24 22:50 | 07/26/24 18:23 | EPA 3050B | 1,6010D | JMF |
| Sodium, Total | 87.2 | J | mg/kg | 351 | 5.53 | 4 | 07/24/24 22:50 | 07/26/24 18:23 | EPA 3050B | 1,6010D | JMF |
| Thallium, Total | ND | | mg/kg | 3.51 | 0.553 | 4 | 07/24/24 22:50 | 07/26/24 18:23 | EPA 3050B | 1,6010D | JMF |
| Vanadium, Total | 12.3 | | mg/kg | 1.76 | 0.356 | 4 | 07/24/24 22:50 | 07/26/24 18:23 | EPA 3050B | 1,6010D | JMF |
| Zinc, Total | 676 | | mg/kg | 8.78 | 0.514 | 4 | 07/24/24 22:50 | 07/26/24 18:23 | EPA 3050B | 1,6010D | JMF |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-13 Date Collected: 07/19/24 08:30

Client ID: TRENCH-12 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 950 | | mg/kg | 33.7 | 9.10 | 8 | 07/24/24 22:50 | 07/26/24 18:30 | EPA 3050B | 1,6010D | JMF |
| Antimony, Total | 2.43 | J | mg/kg | 16.8 | 1.28 | 8 | 07/24/24 22:50 | 07/26/24 18:30 | EPA 3050B | 1,6010D | JMF |
| Arsenic, Total | 4.43 | | mg/kg | 3.37 | 0.701 | 8 | 07/24/24 22:50 | 07/26/24 18:30 | EPA 3050B | 1,6010D | JMF |
| Barium, Total | 10.6 | | mg/kg | 3.37 | 0.587 | 8 | 07/24/24 22:50 | 07/26/24 18:30 | EPA 3050B | 1,6010D | JMF |
| Beryllium, Total | ND | | mg/kg | 1.68 | 0.111 | 8 | 07/24/24 22:50 | 07/26/24 18:30 | EPA 3050B | 1,6010D | JMF |
| Cadmium, Total | ND | | mg/kg | 3.37 | 0.330 | 8 | 07/24/24 22:50 | 07/26/24 18:30 | EPA 3050B | 1,6010D | JMF |
| Calcium, Total | 146000 | | mg/kg | 33.7 | 11.8 | 8 | 07/24/24 22:50 | 07/26/24 18:30 | EPA 3050B | 1,6010D | JMF |
| Chromium, Total | 4.00 | | mg/kg | 3.37 | 0.324 | 8 | 07/24/24 22:50 | 07/26/24 18:30 | EPA 3050B | 1,6010D | JMF |
| Cobalt, Total | 1.52 | J | mg/kg | 6.74 | 0.560 | 8 | 07/24/24 22:50 | 07/26/24 18:30 | EPA 3050B | 1,6010D | JMF |
| Copper, Total | 6.12 | | mg/kg | 3.37 | 0.870 | 8 | 07/24/24 22:50 | 07/26/24 18:30 | EPA 3050B | 1,6010D | JMF |
| Iron, Total | 5620 | | mg/kg | 16.8 | 3.04 | 8 | 07/24/24 22:50 | 07/26/24 18:30 | EPA 3050B | 1,6010D | JMF |
| Lead, Total | 18.7 | | mg/kg | 16.8 | 0.904 | 8 | 07/24/24 22:50 | 07/26/24 18:30 | EPA 3050B | 1,6010D | JMF |
| Magnesium, Total | 81400 | | mg/kg | 33.7 | 5.19 | 8 | 07/24/24 22:50 | 07/26/24 18:30 | EPA 3050B | 1,6010D | JMF |
| Manganese, Total | 508 | | mg/kg | 3.37 | 0.536 | 8 | 07/24/24 22:50 | 07/26/24 18:30 | EPA 3050B | 1,6010D | JMF |
| Mercury, Total | 0.055 | J | mg/kg | 0.074 | 0.048 | 1 | 07/24/24 23:57 | 07/30/24 13:04 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 2.62 | J | mg/kg | 8.43 | 0.816 | 8 | 07/24/24 22:50 | 07/26/24 18:30 | EPA 3050B | 1,6010D | JMF |
| Potassium, Total | 326 | J | mg/kg | 843 | 48.5 | 8 | 07/24/24 22:50 | 07/26/24 18:30 | EPA 3050B | 1,6010D | JMF |
| Selenium, Total | ND | | mg/kg | 6.74 | 0.870 | 8 | 07/24/24 22:50 | 07/26/24 18:30 | EPA 3050B | 1,6010D | JMF |
| Silver, Total | ND | | mg/kg | 1.68 | 0.954 | 8 | 07/24/24 22:50 | 07/26/24 18:30 | EPA 3050B | 1,6010D | JMF |
| Sodium, Total | 171 | J | mg/kg | 674 | 10.6 | 8 | 07/24/24 22:50 | 07/26/24 18:30 | EPA 3050B | 1,6010D | JMF |
| Thallium, Total | ND | | mg/kg | 6.74 | 1.06 | 8 | 07/24/24 22:50 | 07/26/24 18:30 | EPA 3050B | 1,6010D | JMF |
| Vanadium, Total | 3.88 | | mg/kg | 3.37 | 0.684 | 8 | 07/24/24 22:50 | 07/26/24 18:30 | EPA 3050B | 1,6010D | JMF |
| Zinc, Total | 108 | | mg/kg | 16.8 | 0.988 | 8 | 07/24/24 22:50 | 07/26/24 18:30 | EPA 3050B | 1,6010D | JMF |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-14 Date Collected: 07/19/24 08:55

Client ID: TRENCH-13 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 78%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 1530 | | mg/kg | 9.90 | 2.67 | 2 | 07/24/24 22:50 | 07/26/24 17:36 | EPA 3050B | 1,6010D | JMF |
| Antimony, Total | 1.69 | J | mg/kg | 4.95 | 0.376 | 2 | 07/24/24 22:50 | 07/26/24 17:36 | EPA 3050B | 1,6010D | JMF |
| Arsenic, Total | 3.06 | | mg/kg | 0.990 | 0.206 | 2 | 07/24/24 22:50 | 07/26/24 17:36 | EPA 3050B | 1,6010D | JMF |
| Barium, Total | 19.0 | | mg/kg | 0.990 | 0.172 | 2 | 07/24/24 22:50 | 07/26/24 17:36 | EPA 3050B | 1,6010D | JMF |
| Beryllium, Total | 0.135 | J | mg/kg | 0.495 | 0.033 | 2 | 07/24/24 22:50 | 07/26/24 17:36 | EPA 3050B | 1,6010D | JMF |
| Cadmium, Total | 0.640 | J | mg/kg | 0.990 | 0.097 | 2 | 07/24/24 22:50 | 07/26/24 17:36 | EPA 3050B | 1,6010D | JMF |
| Calcium, Total | 57300 | | mg/kg | 9.90 | 3.47 | 2 | 07/24/24 22:50 | 07/26/24 17:36 | EPA 3050B | 1,6010D | JMF |
| Chromium, Total | 5.18 | | mg/kg | 0.990 | 0.095 | 2 | 07/24/24 22:50 | 07/26/24 17:36 | EPA 3050B | 1,6010D | JMF |
| Cobalt, Total | 1.82 | J | mg/kg | 1.98 | 0.164 | 2 | 07/24/24 22:50 | 07/26/24 17:36 | EPA 3050B | 1,6010D | JMF |
| Copper, Total | 18.1 | | mg/kg | 0.990 | 0.255 | 2 | 07/24/24 22:50 | 07/26/24 17:36 | EPA 3050B | 1,6010D | JMF |
| Iron, Total | 5790 | | mg/kg | 4.95 | 0.894 | 2 | 07/24/24 22:50 | 07/26/24 17:36 | EPA 3050B | 1,6010D | JMF |
| Lead, Total | 28.5 | | mg/kg | 4.95 | 0.265 | 2 | 07/24/24 22:50 | 07/26/24 17:36 | EPA 3050B | 1,6010D | JMF |
| Magnesium, Total | 31000 | | mg/kg | 9.90 | 1.52 | 2 | 07/24/24 22:50 | 07/26/24 17:36 | EPA 3050B | 1,6010D | JMF |
| Manganese, Total | 268 | | mg/kg | 0.990 | 0.157 | 2 | 07/24/24 22:50 | 07/26/24 17:36 | EPA 3050B | 1,6010D | JMF |
| Mercury, Total | 0.070 | J | mg/kg | 0.086 | 0.056 | 1 | 07/24/24 23:57 | 07/30/24 13:08 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 5.63 | | mg/kg | 2.48 | 0.240 | 2 | 07/24/24 22:50 | 07/26/24 17:36 | EPA 3050B | 1,6010D | JMF |
| Potassium, Total | 299 | | mg/kg | 248 | 14.3 | 2 | 07/24/24 22:50 | 07/26/24 17:36 | EPA 3050B | 1,6010D | JMF |
| Selenium, Total | 0.318 | J | mg/kg | 1.98 | 0.255 | 2 | 07/24/24 22:50 | 07/26/24 17:36 | EPA 3050B | 1,6010D | JMF |
| Silver, Total | ND | | mg/kg | 0.495 | 0.280 | 2 | 07/24/24 22:50 | 07/26/24 17:36 | EPA 3050B | 1,6010D | JMF |
| Sodium, Total | 122 | J | mg/kg | 198 | 3.12 | 2 | 07/24/24 22:50 | 07/26/24 17:36 | EPA 3050B | 1,6010D | JMF |
| Thallium, Total | ND | | mg/kg | 1.98 | 0.312 | 2 | 07/24/24 22:50 | 07/26/24 17:36 | EPA 3050B | 1,6010D | JMF |
| Vanadium, Total | 3.70 | | mg/kg | 0.990 | 0.201 | 2 | 07/24/24 22:50 | 07/26/24 17:36 | EPA 3050B | 1,6010D | JMF |
| Zinc, Total | 1100 | | mg/kg | 4.95 | 0.290 | 2 | 07/24/24 22:50 | 07/26/24 17:36 | EPA 3050B | 1,6010D | JMF |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-15 Date Collected: 07/19/24 09:45

Client ID: TRENCH-14 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 59%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 4370 | | mg/kg | 13.0 | 3.51 | 2 | 07/24/24 22:50 | 07/26/24 17:58 | EPA 3050B | 1,6010D | JMF |
| Antimony, Total | 1.58 | J | mg/kg | 6.49 | 0.494 | 2 | 07/24/24 22:50 | 07/26/24 17:58 | EPA 3050B | 1,6010D | JMF |
| Arsenic, Total | 5.53 | | mg/kg | 1.30 | 0.270 | 2 | 07/24/24 22:50 | 07/26/24 17:58 | EPA 3050B | 1,6010D | JMF |
| Barium, Total | 63.7 | | mg/kg | 1.30 | 0.226 | 2 | 07/24/24 22:50 | 07/26/24 17:58 | EPA 3050B | 1,6010D | JMF |
| Beryllium, Total | 0.314 | J | mg/kg | 0.649 | 0.043 | 2 | 07/24/24 22:50 | 07/26/24 17:58 | EPA 3050B | 1,6010D | JMF |
| Cadmium, Total | 0.617 | J | mg/kg | 1.30 | 0.127 | 2 | 07/24/24 22:50 | 07/26/24 17:58 | EPA 3050B | 1,6010D | JMF |
| Calcium, Total | 61100 | | mg/kg | 13.0 | 4.54 | 2 | 07/24/24 22:50 | 07/26/24 17:58 | EPA 3050B | 1,6010D | JMF |
| Chromium, Total | 18.0 | | mg/kg | 1.30 | 0.125 | 2 | 07/24/24 22:50 | 07/26/24 17:58 | EPA 3050B | 1,6010D | JMF |
| Cobalt, Total | 4.65 | | mg/kg | 2.60 | 0.216 | 2 | 07/24/24 22:50 | 07/26/24 17:58 | EPA 3050B | 1,6010D | JMF |
| Copper, Total | 33.9 | | mg/kg | 1.30 | 0.335 | 2 | 07/24/24 22:50 | 07/26/24 17:58 | EPA 3050B | 1,6010D | JMF |
| Iron, Total | 8820 | | mg/kg | 6.49 | 1.17 | 2 | 07/24/24 22:50 | 07/26/24 17:58 | EPA 3050B | 1,6010D | JMF |
| Lead, Total | 133 | | mg/kg | 6.49 | 0.348 | 2 | 07/24/24 22:50 | 07/26/24 17:58 | EPA 3050B | 1,6010D | JMF |
| Magnesium, Total | 24100 | | mg/kg | 13.0 | 2.00 | 2 | 07/24/24 22:50 | 07/26/24 17:58 | EPA 3050B | 1,6010D | JMF |
| Manganese, Total | 370 | | mg/kg | 1.30 | 0.206 | 2 | 07/24/24 22:50 | 07/26/24 17:58 | EPA 3050B | 1,6010D | JMF |
| Mercury, Total | 0.683 | | mg/kg | 0.107 | 0.070 | 1 | 07/24/24 23:57 | 07/30/24 13:11 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 10.3 | | mg/kg | 3.25 | 0.314 | 2 | 07/24/24 22:50 | 07/26/24 17:58 | EPA 3050B | 1,6010D | JMF |
| Potassium, Total | 459 | | mg/kg | 325 | 18.7 | 2 | 07/24/24 22:50 | 07/26/24 17:58 | EPA 3050B | 1,6010D | JMF |
| Selenium, Total | ND | | mg/kg | 2.60 | 0.335 | 2 | 07/24/24 22:50 | 07/26/24 17:58 | EPA 3050B | 1,6010D | JMF |
| Silver, Total | ND | | mg/kg | 0.649 | 0.368 | 2 | 07/24/24 22:50 | 07/26/24 17:58 | EPA 3050B | 1,6010D | JMF |
| Sodium, Total | 150 | J | mg/kg | 260 | 4.09 | 2 | 07/24/24 22:50 | 07/26/24 17:58 | EPA 3050B | 1,6010D | JMF |
| Thallium, Total | ND | | mg/kg | 2.60 | 0.409 | 2 | 07/24/24 22:50 | 07/26/24 17:58 | EPA 3050B | 1,6010D | JMF |
| Vanadium, Total | 9.10 | | mg/kg | 1.30 | 0.264 | 2 | 07/24/24 22:50 | 07/26/24 17:58 | EPA 3050B | 1,6010D | JMF |
| Zinc, Total | 687 | | mg/kg | 6.49 | 0.380 | 2 | 07/24/24 22:50 | 07/26/24 17:58 | EPA 3050B | 1,6010D | JMF |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-16 Date Collected: 07/19/24 10:40

Client ID: TRENCH-15 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 72%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 9440 | | mg/kg | 10.6 | 2.87 | 2 | 07/24/24 22:50 | 07/26/24 18:05 | EPA 3050B | 1,6010D | JMF |
| Antimony, Total | 0.700 | J | mg/kg | 5.31 | 0.403 | 2 | 07/24/24 22:50 | 07/26/24 18:05 | EPA 3050B | 1,6010D | JMF |
| Arsenic, Total | 5.89 | | mg/kg | 1.06 | 0.221 | 2 | 07/24/24 22:50 | 07/26/24 18:05 | EPA 3050B | 1,6010D | JMF |
| Barium, Total | 93.6 | | mg/kg | 1.06 | 0.185 | 2 | 07/24/24 22:50 | 07/26/24 18:05 | EPA 3050B | 1,6010D | JMF |
| Beryllium, Total | 0.550 | | mg/kg | 0.531 | 0.035 | 2 | 07/24/24 22:50 | 07/26/24 18:05 | EPA 3050B | 1,6010D | JMF |
| Cadmium, Total | 0.439 | J | mg/kg | 1.06 | 0.104 | 2 | 07/24/24 22:50 | 07/26/24 18:05 | EPA 3050B | 1,6010D | JMF |
| Calcium, Total | 16500 | | mg/kg | 10.6 | 3.72 | 2 | 07/24/24 22:50 | 07/26/24 18:05 | EPA 3050B | 1,6010D | JMF |
| Chromium, Total | 19.3 | | mg/kg | 1.06 | 0.102 | 2 | 07/24/24 22:50 | 07/26/24 18:05 | EPA 3050B | 1,6010D | JMF |
| Cobalt, Total | 6.51 | | mg/kg | 2.12 | 0.176 | 2 | 07/24/24 22:50 | 07/26/24 18:05 | EPA 3050B | 1,6010D | JMF |
| Copper, Total | 43.4 | | mg/kg | 1.06 | 0.274 | 2 | 07/24/24 22:50 | 07/26/24 18:05 | EPA 3050B | 1,6010D | JMF |
| Iron, Total | 13300 | | mg/kg | 5.31 | 0.958 | 2 | 07/24/24 22:50 | 07/26/24 18:05 | EPA 3050B | 1,6010D | JMF |
| Lead, Total | 193 | | mg/kg | 5.31 | 0.284 | 2 | 07/24/24 22:50 | 07/26/24 18:05 | EPA 3050B | 1,6010D | JMF |
| Magnesium, Total | 7220 | | mg/kg | 10.6 | 1.63 | 2 | 07/24/24 22:50 | 07/26/24 18:05 | EPA 3050B | 1,6010D | JMF |
| Manganese, Total | 344 | | mg/kg | 1.06 | 0.169 | 2 | 07/24/24 22:50 | 07/26/24 18:05 | EPA 3050B | 1,6010D | JMF |
| Mercury, Total | 0.354 | | mg/kg | 0.087 | 0.057 | 1 | 07/24/24 23:57 | 07/30/24 13:14 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 17.0 | | mg/kg | 2.65 | 0.257 | 2 | 07/24/24 22:50 | 07/26/24 18:05 | EPA 3050B | 1,6010D | JMF |
| Potassium, Total | 711 | | mg/kg | 265 | 15.3 | 2 | 07/24/24 22:50 | 07/26/24 18:05 | EPA 3050B | 1,6010D | JMF |
| Selenium, Total | ND | | mg/kg | 2.12 | 0.274 | 2 | 07/24/24 22:50 | 07/26/24 18:05 | EPA 3050B | 1,6010D | JMF |
| Silver, Total | ND | | mg/kg | 0.531 | 0.300 | 2 | 07/24/24 22:50 | 07/26/24 18:05 | EPA 3050B | 1,6010D | JMF |
| Sodium, Total | 77.0 | J | mg/kg | 212 | 3.34 | 2 | 07/24/24 22:50 | 07/26/24 18:05 | EPA 3050B | 1,6010D | JMF |
| Thallium, Total | ND | | mg/kg | 2.12 | 0.334 | 2 | 07/24/24 22:50 | 07/26/24 18:05 | EPA 3050B | 1,6010D | JMF |
| Vanadium, Total | 19.5 | | mg/kg | 1.06 | 0.215 | 2 | 07/24/24 22:50 | 07/26/24 18:05 | EPA 3050B | 1,6010D | JMF |
| Zinc, Total | 227 | | mg/kg | 5.31 | 0.311 | 2 | 07/24/24 22:50 | 07/26/24 18:05 | EPA 3050B | 1,6010D | JMF |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-17 Date Collected: 07/19/24 11:30

Client ID: TRENCH-16 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 6090 | | mg/kg | 8.96 | 2.42 | 2 | 07/24/24 22:50 | 07/26/24 18:11 | EPA 3050B | 1,6010D | JMF |
| Antimony, Total | 1.25 | J | mg/kg | 4.48 | 0.341 | 2 | 07/24/24 22:50 | 07/26/24 18:11 | EPA 3050B | 1,6010D | JMF |
| Arsenic, Total | 9.36 | | mg/kg | 0.896 | 0.186 | 2 | 07/24/24 22:50 | 07/26/24 18:11 | EPA 3050B | 1,6010D | JMF |
| Barium, Total | 89.6 | | mg/kg | 0.896 | 0.156 | 2 | 07/24/24 22:50 | 07/26/24 18:11 | EPA 3050B | 1,6010D | JMF |
| Beryllium, Total | 0.359 | J | mg/kg | 0.448 | 0.030 | 2 | 07/24/24 22:50 | 07/26/24 18:11 | EPA 3050B | 1,6010D | JMF |
| Cadmium, Total | 0.582 | J | mg/kg | 0.896 | 0.088 | 2 | 07/24/24 22:50 | 07/26/24 18:11 | EPA 3050B | 1,6010D | JMF |
| Calcium, Total | 37400 | | mg/kg | 8.96 | 3.14 | 2 | 07/24/24 22:50 | 07/26/24 18:11 | EPA 3050B | 1,6010D | JMF |
| Chromium, Total | 20.8 | | mg/kg | 0.896 | 0.086 | 2 | 07/24/24 22:50 | 07/26/24 18:11 | EPA 3050B | 1,6010D | JMF |
| Cobalt, Total | 5.62 | | mg/kg | 1.79 | 0.149 | 2 | 07/24/24 22:50 | 07/26/24 18:11 | EPA 3050B | 1,6010D | JMF |
| Copper, Total | 36.8 | | mg/kg | 0.896 | 0.231 | 2 | 07/24/24 22:50 | 07/26/24 18:11 | EPA 3050B | 1,6010D | JMF |
| Iron, Total | 9980 | | mg/kg | 4.48 | 0.809 | 2 | 07/24/24 22:50 | 07/26/24 18:11 | EPA 3050B | 1,6010D | JMF |
| Lead, Total | 269 | | mg/kg | 4.48 | 0.240 | 2 | 07/24/24 22:50 | 07/26/24 18:11 | EPA 3050B | 1,6010D | JMF |
| Magnesium, Total | 5520 | | mg/kg | 8.96 | 1.38 | 2 | 07/24/24 22:50 | 07/26/24 18:11 | EPA 3050B | 1,6010D | JMF |
| Manganese, Total | 312 | | mg/kg | 0.896 | 0.142 | 2 | 07/24/24 22:50 | 07/26/24 18:11 | EPA 3050B | 1,6010D | JMF |
| Mercury, Total | 0.644 | | mg/kg | 0.075 | 0.049 | 1 | 07/24/24 23:57 | 07/30/24 13:18 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 12.3 | | mg/kg | 2.24 | 0.217 | 2 | 07/24/24 22:50 | 07/26/24 18:11 | EPA 3050B | 1,6010D | JMF |
| Potassium, Total | 634 | | mg/kg | 224 | 12.9 | 2 | 07/24/24 22:50 | 07/26/24 18:11 | EPA 3050B | 1,6010D | JMF |
| Selenium, Total | ND | | mg/kg | 1.79 | 0.231 | 2 | 07/24/24 22:50 | 07/26/24 18:11 | EPA 3050B | 1,6010D | JMF |
| Silver, Total | ND | | mg/kg | 0.448 | 0.254 | 2 | 07/24/24 22:50 | 07/26/24 18:11 | EPA 3050B | 1,6010D | JMF |
| Sodium, Total | 70.7 | J | mg/kg | 179 | 2.82 | 2 | 07/24/24 22:50 | 07/26/24 18:11 | EPA 3050B | 1,6010D | JMF |
| Thallium, Total | ND | | mg/kg | 1.79 | 0.282 | 2 | 07/24/24 22:50 | 07/26/24 18:11 | EPA 3050B | 1,6010D | JMF |
| Vanadium, Total | 13.1 | | mg/kg | 0.896 | 0.182 | 2 | 07/24/24 22:50 | 07/26/24 18:11 | EPA 3050B | 1,6010D | JMF |
| Zinc, Total | 241 | | mg/kg | 4.48 | 0.263 | 2 | 07/24/24 22:50 | 07/26/24 18:11 | EPA 3050B | 1,6010D | JMF |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-18 Date Collected: 07/19/24 12:40

Client ID: TRENCH-17 (1) Date Received: 07/23/24

Sample Location: 2266 MILITARY RD, TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 7150 | | mg/kg | 8.37 | 2.26 | 2 | 07/24/24 22:50 | 07/26/24 18:17 | EPA 3050B | 1,6010D | JMF |
| Antimony, Total | 1.73 | J | mg/kg | 4.18 | 0.318 | 2 | 07/24/24 22:50 | 07/26/24 18:17 | EPA 3050B | 1,6010D | JMF |
| Arsenic, Total | 8.69 | | mg/kg | 0.837 | 0.174 | 2 | 07/24/24 22:50 | 07/26/24 18:17 | EPA 3050B | 1,6010D | JMF |
| Barium, Total | 111 | | mg/kg | 0.837 | 0.146 | 2 | 07/24/24 22:50 | 07/26/24 18:17 | EPA 3050B | 1,6010D | JMF |
| Beryllium, Total | 0.467 | | mg/kg | 0.418 | 0.028 | 2 | 07/24/24 22:50 | 07/26/24 18:17 | EPA 3050B | 1,6010D | JMF |
| Cadmium, Total | 0.568 | J | mg/kg | 0.837 | 0.082 | 2 | 07/24/24 22:50 | 07/26/24 18:17 | EPA 3050B | 1,6010D | JMF |
| Calcium, Total | 76600 | | mg/kg | 8.37 | 2.93 | 2 | 07/24/24 22:50 | 07/26/24 18:17 | EPA 3050B | 1,6010D | JMF |
| Chromium, Total | 23.9 | | mg/kg | 0.837 | 0.080 | 2 | 07/24/24 22:50 | 07/26/24 18:17 | EPA 3050B | 1,6010D | JMF |
| Cobalt, Total | 6.36 | | mg/kg | 1.67 | 0.139 | 2 | 07/24/24 22:50 | 07/26/24 18:17 | EPA 3050B | 1,6010D | JMF |
| Copper, Total | 38.7 | | mg/kg | 0.837 | 0.216 | 2 | 07/24/24 22:50 | 07/26/24 18:17 | EPA 3050B | 1,6010D | JMF |
| Iron, Total | 10200 | | mg/kg | 4.18 | 0.756 | 2 | 07/24/24 22:50 | 07/26/24 18:17 | EPA 3050B | 1,6010D | JMF |
| Lead, Total | 316 | | mg/kg | 4.18 | 0.224 | 2 | 07/24/24 22:50 | 07/26/24 18:17 | EPA 3050B | 1,6010D | JMF |
| Magnesium, Total | 9350 | | mg/kg | 8.37 | 1.29 | 2 | 07/24/24 22:50 | 07/26/24 18:17 | EPA 3050B | 1,6010D | JMF |
| Manganese, Total | 485 | | mg/kg | 0.837 | 0.133 | 2 | 07/24/24 22:50 | 07/26/24 18:17 | EPA 3050B | 1,6010D | JMF |
| Mercury, Total | 1.46 | | mg/kg | 0.068 | 0.044 | 1 | 07/24/24 23:57 | 07/30/24 13:21 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 13.8 | | mg/kg | 2.09 | 0.202 | 2 | 07/24/24 22:50 | 07/26/24 18:17 | EPA 3050B | 1,6010D | JMF |
| Potassium, Total | 712 | | mg/kg | 209 | 12.0 | 2 | 07/24/24 22:50 | 07/26/24 18:17 | EPA 3050B | 1,6010D | JMF |
| Selenium, Total | 0.500 | J | mg/kg | 1.67 | 0.216 | 2 | 07/24/24 22:50 | 07/26/24 18:17 | EPA 3050B | 1,6010D | JMF |
| Silver, Total | ND | | mg/kg | 0.418 | 0.237 | 2 | 07/24/24 22:50 | 07/26/24 18:17 | EPA 3050B | 1,6010D | JMF |
| Sodium, Total | 168 | | mg/kg | 167 | 2.64 | 2 | 07/24/24 22:50 | 07/26/24 18:17 | EPA 3050B | 1,6010D | JMF |
| Thallium, Total | ND | | mg/kg | 1.67 | 0.264 | 2 | 07/24/24 22:50 | 07/26/24 18:17 | EPA 3050B | 1,6010D | JMF |
| Vanadium, Total | 14.2 | | mg/kg | 0.837 | 0.170 | 2 | 07/24/24 22:50 | 07/26/24 18:17 | EPA 3050B | 1,6010D | JMF |
| Zinc, Total | 289 | | mg/kg | 4.18 | 0.245 | 2 | 07/24/24 22:50 | 07/26/24 18:17 | EPA 3050B | 1,6010D | JMF |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2441487

**Project Number:** 100.002 **Report Date:** 08/05/24

# Method Blank Analysis
# Batch Quality Control

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab for sample(s): 01-18 Batch: WG1951061-1 | | | | | | | | | | |
| Aluminum, Total | ND | | mg/kg | 4.00 | 1.08 | 1 | 07/24/24 22:50 | 07/26/24 11:09 | 1,6010D | JMF |
| Antimony, Total | ND | | mg/kg | 2.00 | 0.152 | 1 | 07/24/24 22:50 | 07/26/24 11:09 | 1,6010D | JMF |
| Arsenic, Total | ND | | mg/kg | 0.400 | 0.083 | 1 | 07/24/24 22:50 | 07/26/24 11:09 | 1,6010D | JMF |
| Barium, Total | ND | | mg/kg | 0.400 | 0.070 | 1 | 07/24/24 22:50 | 07/26/24 11:09 | 1,6010D | JMF |
| Beryllium, Total | ND | | mg/kg | 0.200 | 0.013 | 1 | 07/24/24 22:50 | 07/26/24 11:09 | 1,6010D | JMF |
| Cadmium, Total | ND | | mg/kg | 0.400 | 0.039 | 1 | 07/24/24 22:50 | 07/26/24 11:09 | 1,6010D | JMF |
| Calcium, Total | 1.85 | J | mg/kg | 4.00 | 1.40 | 1 | 07/24/24 22:50 | 07/26/24 11:09 | 1,6010D | JMF |
| Chromium, Total | ND | | mg/kg | 0.400 | 0.038 | 1 | 07/24/24 22:50 | 07/26/24 11:09 | 1,6010D | JMF |
| Cobalt, Total | ND | | mg/kg | 0.800 | 0.066 | 1 | 07/24/24 22:50 | 07/26/24 11:09 | 1,6010D | JMF |
| Copper, Total | ND | | mg/kg | 0.400 | 0.103 | 1 | 07/24/24 22:50 | 07/26/24 11:09 | 1,6010D | JMF |
| Iron, Total | 0.449 | J | mg/kg | 2.00 | 0.361 | 1 | 07/24/24 22:50 | 07/26/24 11:09 | 1,6010D | JMF |
| Lead, Total | ND | | mg/kg | 2.00 | 0.107 | 1 | 07/24/24 22:50 | 07/26/24 11:09 | 1,6010D | JMF |
| Magnesium, Total | ND | | mg/kg | 4.00 | 0.616 | 1 | 07/24/24 22:50 | 07/26/24 11:09 | 1,6010D | JMF |
| Manganese, Total | ND | | mg/kg | 0.400 | 0.064 | 1 | 07/24/24 22:50 | 07/26/24 11:09 | 1,6010D | JMF |
| Nickel, Total | ND | | mg/kg | 1.00 | 0.097 | 1 | 07/24/24 22:50 | 07/26/24 11:09 | 1,6010D | JMF |
| Potassium, Total | ND | | mg/kg | 100 | 5.76 | 1 | 07/24/24 22:50 | 07/26/24 11:09 | 1,6010D | JMF |
| Selenium, Total | ND | | mg/kg | 0.800 | 0.103 | 1 | 07/24/24 22:50 | 07/26/24 11:09 | 1,6010D | JMF |
| Silver, Total | ND | | mg/kg | 0.200 | 0.113 | 1 | 07/24/24 22:50 | 07/26/24 11:09 | 1,6010D | JMF |
| Sodium, Total | ND | | mg/kg | 80.0 | 1.26 | 1 | 07/24/24 22:50 | 07/26/24 11:09 | 1,6010D | JMF |
| Thallium, Total | ND | | mg/kg | 0.800 | 0.126 | 1 | 07/24/24 22:50 | 07/26/24 11:09 | 1,6010D | JMF |
| Vanadium, Total | ND | | mg/kg | 0.400 | 0.081 | 1 | 07/24/24 22:50 | 07/26/24 11:09 | 1,6010D | JMF |
| Zinc, Total | ND | | mg/kg | 2.00 | 0.117 | 1 | 07/24/24 22:50 | 07/26/24 11:09 | 1,6010D | JMF |

**Prep Information**

Digestion Method: EPA 3050B

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab for sample(s): 01-18 Batch: WG1951062-1 | | | | | | | | | | |
| Mercury, Total | ND | | mg/kg | 0.083 | 0.054 | 1 | 07/24/24 23:57 | 07/30/24 11:26 | 1,7471B | JWN |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002
**Lab Number:** L2441487
**Report Date:** 08/05/24

# Method Blank Analysis
# Batch Quality Control

**Prep Information**

Digestion Method: EPA 7471B

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2441487

**Report Date:** 08/05/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-18 Batch: WG1951061-2 | | | | | | | | |
| Aluminum, Total | 83 | | - | | 80-120 | - | | |
| Antimony, Total | 83 | | - | | 80-120 | - | | |
| Arsenic, Total | 83 | | - | | 80-120 | - | | |
| Barium, Total | 84 | | - | | 80-120 | - | | |
| Beryllium, Total | 86 | | - | | 80-120 | - | | |
| Cadmium, Total | 83 | | - | | 80-120 | - | | |
| Calcium, Total | 86 | | - | | 80-120 | - | | |
| Chromium, Total | 82 | | - | | 80-120 | - | | |
| Cobalt, Total | 83 | | - | | 80-120 | - | | |
| Copper, Total | 84 | | - | | 80-120 | - | | |
| Iron, Total | 86 | | - | | 80-120 | - | | |
| Lead, Total | 85 | | - | | 80-120 | - | | |
| Magnesium, Total | 84 | | - | | 80-120 | - | | |
| Manganese, Total | 85 | | - | | 80-120 | - | | |
| Nickel, Total | 84 | | - | | 80-120 | - | | |
| Potassium, Total | 88 | | - | | 80-120 | - | | |
| Selenium, Total | 86 | | - | | 80-120 | - | | |
| Silver, Total | 88 | | - | | 80-120 | - | | |
| Sodium, Total | 89 | | - | | 80-120 | - | | |
| Thallium, Total | 85 | | - | | 80-120 | - | | |
| Vanadium, Total | 84 | | - | | 80-120 | - | | |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2441487

**Report Date:** 08/05/24

| Parameter | LCS %Recovery | LCSD %Recovery | %Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-18 Batch: WG1951061-2 | | | | | |
| Zinc, Total | 84 | - | 80-120 | - | |
| Total Metals - Mansfield Lab Associated sample(s): 01-18 Batch: WG1951062-2 | | | | | |
| Mercury, Total | 98 | - | 80-120 | - | |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2441487
**Report Date:** 08/05/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-18 QC Batch ID: WG1951061-3 QC Sample: L2441487-01 Client ID: LAGOON-SW-01-08 | | | | | | | | | | | | |
| Aluminum, Total | 7190 | 178 | 9030 | **1040** | Q | - | - | | 75-125 | - | | 20 |
| Antimony, Total | 1.21J | 44.4 | 31.6 | **71** | Q | - | - | | 75-125 | - | | 20 |
| Arsenic, Total | 3.45 | 10.6 | 13.0 | 90 | | - | - | | 75-125 | - | | 20 |
| Barium, Total | 102 | 178 | 264 | 91 | | - | - | | 75-125 | - | | 20 |
| Beryllium, Total | 0.429J | 4.44 | 4.12 | 93 | | - | - | | 75-125 | - | | 20 |
| Cadmium, Total | 0.280J | 4.71 | 3.65 | 78 | | - | - | | 75-125 | - | | 20 |
| Calcium, Total | 34100 | 888 | 36400 | **259** | Q | - | - | | 75-125 | - | | 20 |
| Chromium, Total | 51.8 | 17.8 | 57.4 | **32** | Q | - | - | | 75-125 | - | | 20 |
| Cobalt, Total | 8.03 | 44.4 | 42.2 | 77 | | - | - | | 75-125 | - | | 20 |
| Copper, Total | 17.7 | 22.2 | 38.0 | 91 | | - | - | | 75-125 | - | | 20 |
| Iron, Total | 14400 | 88.8 | 17000 | **2930** | Q | - | - | | 75-125 | - | | 20 |
| Lead, Total | 810 | 47.1 | 234 | **0** | Q | - | - | | 75-125 | - | | 20 |
| Magnesium, Total | 9770 | 888 | 11700 | **217** | Q | - | - | | 75-125 | - | | 20 |
| Manganese, Total | 536 | 44.4 | 548 | **27** | Q | - | - | | 75-125 | - | | 20 |
| Nickel, Total | 13.4 | 44.4 | 48.3 | 78 | | - | - | | 75-125 | - | | 20 |
| Potassium, Total | 622 | 888 | 1640 | 115 | | - | - | | 75-125 | - | | 20 |
| Selenium, Total | ND | 10.6 | 8.44 | 79 | | - | - | | 75-125 | - | | 20 |
| Silver, Total | ND | 4.44 | 3.84 | 86 | | - | - | | 75-125 | - | | 20 |
| Sodium, Total | 82.0J | 888 | 877 | 99 | | - | - | | 75-125 | - | | 20 |
| Thallium, Total | ND | 10.6 | 7.92 | **74** | Q | - | - | | 75-125 | - | | 20 |
| Vanadium, Total | 15.9 | 44.4 | 54.7 | 87 | | - | - | | 75-125 | - | | 20 |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2441487
**Report Date:** 08/05/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | | MSD Found | MSD %Recovery | Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-18 QC Batch ID: WG1951061-3 QC Sample: L2441487-01 Client ID: LAGOON-SW-01-08 | | | | | | | | | | |
| Zinc, Total | 121 | 44.4 | 146 | **56** | Q | - | - | 75-125 | - | 20 |
| Total Metals - Mansfield Lab Associated sample(s): 01-18 QC Batch ID: WG1951062-3 QC Sample: L2441487-01 Client ID: LAGOON-SW-01-08 | | | | | | | | | | |
| Mercury, Total | 3.56 | 1.61 | 4.62 | **66** | Q | - | - | 80-120 | - | 20 |

# Lab Duplicate Analysis

***Batch Quality Control***

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

***Lab Number:*** L2441487

***Report Date:*** 08/05/24

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-18 QC Batch ID: WG1951061-4 QC Sample: L2441487-01 Client ID: LAGOON-SW-01-08 | | | | | | |
| Aluminum, Total | 7190 | 7100 | mg/kg | 1 | | 20 |
| Antimony, Total | 1.21J | 1.90J | mg/kg | NC | | 20 |
| Arsenic, Total | 3.45 | 2.86 | mg/kg | 19 | | 20 |
| Barium, Total | 102 | 104 | mg/kg | 2 | | 20 |
| Beryllium, Total | 0.429J | 0.404J | mg/kg | NC | | 20 |
| Cadmium, Total | 0.280J | 0.254J | mg/kg | NC | | 20 |
| Calcium, Total | 34100 | 38400 | mg/kg | 12 | | 20 |
| Chromium, Total | 51.8 | 43.3 | mg/kg | 18 | | 20 |
| Cobalt, Total | 8.03 | 7.58 | mg/kg | 6 | | 20 |
| Copper, Total | 17.7 | 17.2 | mg/kg | 3 | | 20 |
| Iron, Total | 14400 | 13900 | mg/kg | 4 | | 20 |
| Lead, Total | 810 | 244 | mg/kg | **107** | Q | 20 |
| Magnesium, Total | 9770 | 10300 | mg/kg | 5 | | 20 |
| Manganese, Total | 536 | 508 | mg/kg | 5 | | 20 |
| Nickel, Total | 13.4 | 13.0 | mg/kg | 3 | | 20 |
| Potassium, Total | 622 | 632 | mg/kg | 2 | | 20 |
| Selenium, Total | ND | ND | mg/kg | NC | | 20 |
| Silver, Total | ND | ND | mg/kg | NC | | 20 |
| Sodium, Total | 82.0J | 86.8J | mg/kg | NC | | 20 |

# Lab Duplicate Analysis

***Batch Quality Control***

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

***Lab Number:*** L2441487

***Report Date:*** 08/05/24

| Parameter | Native Sample | Duplicate Sample | Units | RPD | | RPD Limits |
|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-18 QC Batch ID: WG1951061-4 QC Sample: L2441487-01 Client ID: LAGOON-SW-01-08 | | | | | | |
| Thallium, Total | ND | ND | mg/kg | NC | | 20 |
| Vanadium, Total | 15.9 | 15.5 | mg/kg | 3 | | 20 |
| Zinc, Total | 121 | 124 | mg/kg | 2 | | 20 |
| Total Metals - Mansfield Lab Associated sample(s): 01-18 QC Batch ID: WG1951062-4 QC Sample: L2441487-01 Client ID: LAGOON-SW-01-08 | | | | | | |
| Mercury, Total | 3.56 | 7.41 | mg/kg | **70** | Q | 20 |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

# Lab Serial Dilution Analysis
## Batch Quality Control

**Lab Number:** L2441487
**Report Date:** 08/05/24

| Parameter | Native Sample | Serial Dilution | Units | % D | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-18 QC Batch ID: WG1951061-6 QC Sample: L2441487-01 Client ID: LAGOON-SW-01-08 | | | | | | |
| Aluminum, Total | 7190 | 7450 | mg/kg | 4 | | 20 |
| Barium, Total | 102 | 107 | mg/kg | 5 | | 20 |
| Calcium, Total | 34100 | 37600 | mg/kg | 10 | | 20 |
| Chromium, Total | 51.8 | 56.6 | mg/kg | 9 | | 20 |
| Iron, Total | 14400 | 16200 | mg/kg | 13 | | 20 |
| Lead, Total | 810 | 832 | mg/kg | 3 | | 20 |
| Magnesium, Total | 9770 | 10900 | mg/kg | 12 | | 20 |
| Manganese, Total | 536 | 584 | mg/kg | 9 | | 20 |
| Zinc, Total | 121 | 138 | mg/kg | 14 | | 20 |

# INORGANICS
# &
# MISCELLANEOUS

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2441487
**Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-01
Client ID: LAGOON-SW-01-08
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/22/24 09:15
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 86.0 | | % | 0.100 | NA | 1 | - | 07/25/24 09:50 | 121,2540G | ROI |
| Cyanide, Total | 1.4 | | mg/kg | 1.1 | 0.23 | 1 | 07/29/24 20:40 | 07/30/24 11:51 | 1,9010C/9012B | KEP |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2441487
**Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-02
Client ID: TRENCH-01 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 08:40
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 79.3 | | % | 0.100 | NA | 1 | - | 07/25/24 09:50 | 121,2540G | ROI |
| Cyanide, Total | 0.32 | J | mg/kg | 1.2 | 0.26 | 1 | 07/29/24 20:40 | 07/30/24 11:56 | 1,9010C/9012B | KEP |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2441487
**Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-03
Client ID: TRENCH-02 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 08:55
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 80.0 | | % | 0.100 | NA | 1 | - | 07/25/24 09:50 | 121,2540G | ROI |
| Cyanide, Total | 14 | | mg/kg | 1.2 | 0.26 | 1 | 07/29/24 20:40 | 07/30/24 11:59 | 1,9010C/9012B | KEP |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2441487
**Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-04
Client ID: TRENCH-03 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 10:00
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 83.0 | | % | 0.100 | NA | 1 | - | 07/25/24 09:50 | 121,2540G | ROI |
| Cyanide, Total | ND | | mg/kg | 1.2 | 0.25 | 1 | 07/29/24 20:40 | 07/30/24 12:00 | 1,9010C/9012B | KEP |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2441487
**Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-05
Client ID: TRENCH-04 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 11:50
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 83.9 | | % | 0.100 | NA | 1 | - | 07/25/24 09:50 | 121,2540G | ROI |
| Cyanide, Total | ND | | mg/kg | 1.1 | 0.23 | 1 | 07/29/24 20:40 | 07/30/24 12:01 | 1,9010C/9012B | KEP |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2441487
**Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-06
Client ID: TRENCH-05 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 12:00
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 84.3 | | % | 0.100 | NA | 1 | - | 07/25/24 09:50 | 121,2540G | ROI |
| Cyanide, Total | ND | | mg/kg | 1.1 | 0.24 | 1 | 07/29/24 20:40 | 07/30/24 12:02 | 1,9010C/9012B | KEP |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002
**Lab Number:** L2441487
**Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-07
Client ID: TRENCH-06 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY
Date Collected: 07/18/24 12:20
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 78.1 | | % | 0.100 | NA | 1 | - | 07/25/24 09:50 | 121,2540G | ROI |
| Cyanide, Total | 21 | | mg/kg | 1.2 | 0.26 | 1 | 07/29/24 20:40 | 07/30/24 12:03 | 1,9010C/9012B | KEP |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002
**Lab Number:** L2441487
**Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-08
Client ID: TRENCH-07 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY
Date Collected: 07/18/24 13:00
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 80.8 | | % | 0.100 | NA | 1 | - | 07/25/24 09:50 | 121,2540G | ROI |
| Cyanide, Total | ND | | mg/kg | 1.2 | 0.25 | 1 | 07/29/24 20:40 | 07/30/24 12:04 | 1,9010C/9012B | KEP |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2441487
**Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-09
Client ID: TRENCH-08 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 13:20
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 82.8 | | % | 0.100 | NA | 1 | - | 07/25/24 09:50 | 121,2540G | ROI |
| Cyanide, Total | 0.63 | J | mg/kg | 1.2 | 0.24 | 1 | 07/30/24 11:35 | 07/30/24 15:15 | 1,9010C/9012B | KEP |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002
**Lab Number:** L2441487
**Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-10
Client ID: TRENCH-09 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY
Date Collected: 07/18/24 13:40
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 80.4 | | % | 0.100 | NA | 1 | - | 07/25/24 10:01 | 121,2540G | ROI |
| Cyanide, Total | 2.9 | | mg/kg | 1.2 | 0.25 | 1 | 07/30/24 11:35 | 07/30/24 15:16 | 1,9010C/9012B | KEP |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2441487
**Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-11
Client ID: TRENCH-10 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/18/24 14:00
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 78.8 | | % | 0.100 | NA | 1 | - | 07/25/24 10:01 | 121,2540G | ROI |
| Cyanide, Total | ND | | mg/kg | 1.2 | 0.25 | 1 | 07/30/24 11:35 | 07/30/24 15:17 | 1,9010C/9012B | KEP |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2441487
**Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-12
Client ID: TRENCH-11 (0.5)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 07:40
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 88.0 | | % | 0.100 | NA | 1 | - | 07/25/24 10:01 | 121,2540G | ROI |
| Cyanide, Total | 0.41 | J | mg/kg | 1.1 | 0.24 | 1 | 07/30/24 11:35 | 07/30/24 15:18 | 1,9010C/9012B | KEP |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2441487
**Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-13
Client ID: TRENCH-12 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 08:30
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 90.5 | | % | 0.100 | NA | 1 | - | 07/25/24 10:01 | 121,2540G | ROI |
| Cyanide, Total | ND | | mg/kg | 1.1 | 0.23 | 1 | 07/30/24 11:35 | 07/30/24 15:19 | 1,9010C/9012B | KEP |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2441487
**Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-14
Client ID: TRENCH-13 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 08:55
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 78.4 | | % | 0.100 | NA | 1 | - | 07/25/24 10:01 | 121,2540G | ROI |
| Cyanide, Total | 0.37 | J | mg/kg | 1.2 | 0.25 | 1 | 07/30/24 20:10 | 07/31/24 13:21 | 1,9010C/9012B | JER |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002
**Lab Number:** L2441487
**Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-15
Client ID: TRENCH-14 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY
Date Collected: 07/19/24 09:45
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 58.6 | | % | 0.100 | NA | 1 | - | 07/25/24 10:01 | 121,2540G | ROI |
| Cyanide, Total | 0.51 | J | mg/kg | 1.6 | 0.35 | 1 | 07/30/24 20:10 | 07/31/24 13:22 | 1,9010C/9012B | JER |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2441487
**Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-16
Client ID: TRENCH-15 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 10:40
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 72.3 | | % | 0.100 | NA | 1 | - | 07/25/24 10:01 | 121,2540G | ROI |
| Cyanide, Total | 0.49 | J | mg/kg | 1.3 | 0.27 | 1 | 07/30/24 20:10 | 07/31/24 13:23 | 1,9010C/9012B | JER |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2441487
**Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-17
Client ID: TRENCH-16 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY

Date Collected: 07/19/24 11:30
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 87.7 | | % | 0.100 | NA | 1 | - | 07/25/24 10:01 | 121,2540G | ROI |
| Cyanide, Total | 1.2 | | mg/kg | 1.1 | 0.23 | 1 | 07/30/24 20:10 | 07/31/24 13:24 | 1,9010C/9012B | JER |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002
**Lab Number:** L2441487
**Report Date:** 08/05/24

## SAMPLE RESULTS

Lab ID: L2441487-18
Client ID: TRENCH-17 (1)
Sample Location: 2266 MILITARY RD, TONAWANDA,NY
Sample Depth:
Matrix: Soil

Date Collected: 07/19/24 12:40
Date Received: 07/23/24
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 92.1 | | % | 0.100 | NA | 1 | - | 07/25/24 10:01 | 121,2540G | ROI |
| Cyanide, Total | 0.80 | J | mg/kg | 1.0 | 0.22 | 1 | 07/30/24 20:10 | 07/31/24 13:25 | 1,9010C/9012B | JER |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002
**Lab Number:** L2441487
**Report Date:** 08/05/24

# Method Blank Analysis
## Batch Quality Control

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab for sample(s): 01-08 Batch: WG1952831-1 | | | | | | | | | | |
| Cyanide, Total | ND | | mg/kg | 0.94 | 0.20 | 1 | 07/29/24 20:40 | 07/30/24 11:39 | 1,9010C/9012B | KEP |
| General Chemistry - Westborough Lab for sample(s): 09-13 Batch: WG1953156-1 | | | | | | | | | | |
| Cyanide, Total | ND | | mg/kg | 0.85 | 0.18 | 1 | 07/30/24 11:35 | 07/30/24 15:03 | 1,9010C/9012B | KEP |
| General Chemistry - Westborough Lab for sample(s): 14-18 Batch: WG1953384-1 | | | | | | | | | | |
| Cyanide, Total | ND | | mg/kg | 0.85 | 0.18 | 1 | 07/30/24 20:10 | 07/31/24 13:17 | 1,9010C/9012B | JER |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2441487

**Report Date:** 08/05/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01-08 Batch: WG1952831-2 WG1952831-3 | | | | | | | | |
| Cyanide, Total | 101 | | 103 | | 80-120 | 3 | | 35 |
| General Chemistry - Westborough Lab Associated sample(s): 09-13 Batch: WG1953156-2 WG1953156-3 | | | | | | | | |
| Cyanide, Total | 99 | | 84 | | 80-120 | 16 | | 35 |
| General Chemistry - Westborough Lab Associated sample(s): 14-18 Batch: WG1953384-2 WG1953384-3 | | | | | | | | |
| Cyanide, Total | 98 | | 97 | | 80-120 | 4 | | 35 |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2441487
**Report Date:** 08/05/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1952831-4 WG1952831-5 QC Sample: L2441487-01 Client ID: LAGOON-SW-01-08 | | | | | | | | | | | | |
| Cyanide, Total | 1.4 | 11 | 11 | 87 | | 10 | 77 | | 75-125 | 26 | | 35 |
| General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1952831-6 WG1952831-7 QC Sample: L2441487-02 Client ID: TRENCH-01 (1) | | | | | | | | | | | | |
| Cyanide, Total | 0.32J | 12 | 13 | 100 | | 12 | 93 | | 75-125 | 8 | | 35 |
| General Chemistry - Westborough Lab Associated sample(s): 09-13 QC Batch ID: WG1953156-4 WG1953156-5 QC Sample: L2441269-01 Client ID: MS Sample | | | | | | | | | | | | |
| Cyanide, Total | 3.7 | 12 | 16 | 100 | | 17 | 100 | | 75-125 | 0 | | 35 |
| General Chemistry - Westborough Lab Associated sample(s): 14-18 QC Batch ID: WG1953384-4 WG1953384-5 QC Sample: L2441611-02 Client ID: MS Sample | | | | | | | | | | | | |
| Cyanide, Total | ND | 11 | 11 | 99 | | 11 | 98 | | 75-125 | 0 | | 35 |
| General Chemistry - Westborough Lab Associated sample(s): 14-18 QC Batch ID: WG1953384-6 WG1953384-7 QC Sample: L2441956-05 Client ID: MS Sample | | | | | | | | | | | | |
| Cyanide, Total | ND | 10 | 10 | 96 | | 10 | 96 | | 75-125 | 0 | | 35 |

# Lab Duplicate Analysis

***Batch Quality Control***

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

***Lab Number:*** L2441487

***Report Date:*** 08/05/24

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG1951236-1 QC Sample: L2441284-01 Client ID: DUP Sample | | | | | | |
| Solids, Total | 99.1 | 98.7 | % | 0 | | 20 |
| General Chemistry - Westborough Lab Associated sample(s): 10-18 QC Batch ID: WG1951238-1 QC Sample: L2441256-02 Client ID: DUP Sample | | | | | | |
| Solids, Total | 84.4 | 84.6 | % | 0 | | 20 |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2441487
**Report Date:** 08/05/24

## Sample Receipt and Container Information

Were project specific reporting limits specified? YES

### Cooler Information

| Cooler | Custody Seal |
|---|---|
| A | Absent |
| B | Absent |

### Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2441487-01A | Vial Large Septa unpreserved (4oz) | A | NA | | 2.7 | Y | Absent | | NYTCL-8260-R2(14) |
| L2441487-01B | Glass 120ml/4oz unpreserved | A | NA | | 2.7 | Y | Absent | | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180) |
| L2441487-01C | Glass 120ml/4oz unpreserved | A | NA | | 2.7 | Y | Absent | | NYTCL-8270(14),TCN-9010(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2441487-01X | Vial MeOH preserved split | A | NA | | 2.7 | Y | Absent | | NYTCL-8260-R2(14) |
| L2441487-01Y | Vial Water preserved split | A | NA | | 2.7 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-01Z | Vial Water preserved split | A | NA | | 2.7 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-02A | Vial Large Septa unpreserved (4oz) | A | NA | | 2.7 | Y | Absent | | NYTCL-8260-R2(14) |
| L2441487-02B | Glass 120ml/4oz unpreserved | A | NA | | 2.7 | Y | Absent | | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180) |
| L2441487-02C | Glass 120ml/4oz unpreserved | A | NA | | 2.7 | Y | Absent | | NYTCL-8270(14),TCN-9010(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2441487-02X | Vial MeOH preserved split | A | NA | | 2.7 | Y | Absent | | NYTCL-8260-R2(14) |
| L2441487-02Y | Vial Water preserved split | A | NA | | 2.7 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-02Z | Vial Water preserved split | A | NA | | 2.7 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-03A | Vial Large Septa unpreserved (4oz) | B | NA | | 3.3 | Y | Absent | | NYTCL-8260-R2(14) |



*Values in parentheses indicate holding time in days

## Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2441487-03B | Vial Large Septa unpreserved (4oz) | A | NA | | 2.7 | Y | Absent | | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180) |
| L2441487-03C | Glass 120ml/4oz unpreserved | A | NA | | 2.7 | Y | Absent | | NYTCL-8270(14),TCN-9010(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2441487-03X | Vial MeOH preserved split | B | NA | | 3.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2441487-03Y | Vial Water preserved split | B | NA | | 3.3 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-03Z | Vial Water preserved split | B | NA | | 3.3 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-04A | Vial Large Septa unpreserved (4oz) | A | NA | | 2.7 | Y | Absent | | NYTCL-8260-R2(14) |
| L2441487-04B | Glass 120ml/4oz unpreserved | A | NA | | 2.7 | Y | Absent | | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180) |
| L2441487-04C | Glass 120ml/4oz unpreserved | A | NA | | 2.7 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2441487-04X | Vial MeOH preserved split | A | NA | | 2.7 | Y | Absent | | NYTCL-8260-R2(14) |
| L2441487-04Y | Vial Water preserved split | A | NA | | 2.7 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-04Z | Vial Water preserved split | A | NA | | 2.7 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-05A | Vial Large Septa unpreserved (4oz) | B | NA | | 3.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2441487-05B | Glass 120ml/4oz unpreserved | B | NA | | 3.3 | Y | Absent | | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180) |
| L2441487-05C | Glass 120ml/4oz unpreserved | B | NA | | 3.3 | Y | Absent | | NYTCL-8270(14),TCN-9010(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2441487-05X | Vial MeOH preserved split | B | NA | | 3.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2441487-05Y | Vial Water preserved split | B | NA | | 3.3 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-05Z | Vial Water preserved split | B | NA | | 3.3 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-06A | Vial Large Septa unpreserved (4oz) | A | NA | | 2.7 | Y | Absent | | NYTCL-8260-R2(14) |



*Values in parentheses indicate holding time in days

## Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2441487-06B | Glass 120ml/4oz unpreserved | A | NA | | 2.7 | Y | Absent | | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180) |
| L2441487-06C | Glass 120ml/4oz unpreserved | A | NA | | 2.7 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2441487-06X | Vial MeOH preserved split | A | NA | | 2.7 | Y | Absent | | NYTCL-8260-R2(14) |
| L2441487-06Y | Vial Water preserved split | A | NA | | 2.7 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-06Z | Vial Water preserved split | A | NA | | 2.7 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-07A | Vial Large Septa unpreserved (4oz) | B | NA | | 3.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2441487-07B | Glass 120ml/4oz unpreserved | A | NA | | 2.7 | Y | Absent | | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MN-TI(180),MG-TI(180),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180) |
| L2441487-07C | Glass 120ml/4oz unpreserved | A | NA | | 2.7 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2441487-07X | Vial MeOH preserved split | B | NA | | 3.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2441487-07Y | Vial Water preserved split | B | NA | | 3.3 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-07Z | Vial Water preserved split | B | NA | | 3.3 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-08A | Vial Large Septa unpreserved (4oz) | B | NA | | 3.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2441487-08B | Glass 120ml/4oz unpreserved | B | NA | | 3.3 | Y | Absent | | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180) |
| L2441487-08C | Glass 120ml/4oz unpreserved | B | NA | | 3.3 | Y | Absent | | NYTCL-8270(14),TCN-9010(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2441487-08X | Vial MeOH preserved split | B | NA | | 3.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2441487-08Y | Vial Water preserved split | B | NA | | 3.3 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-08Z | Vial Water preserved split | B | NA | | 3.3 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-09A | Vial Large Septa unpreserved (4oz) | B | NA | | 3.3 | Y | Absent | | NYTCL-8260-R2(14) |



*Values in parentheses indicate holding time in days

## Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2441487-09B | Glass 120ml/4oz unpreserved | B | NA | | 3.3 | Y | Absent | | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),MG-TI(180),HG-T(28),FE-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180) |
| L2441487-09C | Glass 120ml/4oz unpreserved | B | NA | | 3.3 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2441487-09X | Vial MeOH preserved split | B | NA | | 3.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2441487-09Y | Vial Water preserved split | B | NA | | 3.3 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-09Z | Vial Water preserved split | B | NA | | 3.3 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-10A | Vial Large Septa unpreserved (4oz) | B | NA | | 3.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2441487-10B | Glass 120ml/4oz unpreserved | A | NA | | 2.7 | Y | Absent | | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180) |
| L2441487-10C | Glass 120ml/4oz unpreserved | A | NA | | 2.7 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2441487-10X | Vial MeOH preserved split | B | NA | | 3.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2441487-10Y | Vial Water preserved split | B | NA | | 3.3 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-10Z | Vial Water preserved split | B | NA | | 3.3 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-11A | Vial Large Septa unpreserved (4oz) | B | NA | | 3.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2441487-11B | Glass 120ml/4oz unpreserved | B | NA | | 3.3 | Y | Absent | | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180) |
| L2441487-11C | Glass 120ml/4oz unpreserved | B | NA | | 3.3 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2441487-11X | Vial MeOH preserved split | B | NA | | 3.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2441487-11Y | Vial Water preserved split | B | NA | | 3.3 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-11Z | Vial Water preserved split | B | NA | | 3.3 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-12A | Vial Large Septa unpreserved (4oz) | B | NA | | 3.3 | Y | Absent | | NYTCL-8260-R2(14) |



*Values in parentheses indicate holding time in days

## Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2441487-12B | Glass 120ml/4oz unpreserved | B | NA | | 3.3 | Y | Absent | | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180) |
| L2441487-12C | Glass 120ml/4oz unpreserved | B | NA | | 3.3 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2441487-12X | Vial MeOH preserved split | B | NA | | 3.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2441487-12Y | Vial Water preserved split | B | NA | | 3.3 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-12Z | Vial Water preserved split | B | NA | | 3.3 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-13A | Vial Large Septa unpreserved (4oz) | B | NA | | 3.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2441487-13B | Glass 120ml/4oz unpreserved | B | NA | | 3.3 | Y | Absent | | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180) |
| L2441487-13C | Glass 120ml/4oz unpreserved | B | NA | | 3.3 | Y | Absent | | NYTCL-8270(14),TCN-9010(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2441487-13X | Vial MeOH preserved split | B | NA | | 3.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2441487-13Y | Vial Water preserved split | B | NA | | 3.3 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-13Z | Vial Water preserved split | B | NA | | 3.3 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-14A | Vial Large Septa unpreserved (4oz) | B | NA | | 3.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2441487-14B | Glass 120ml/4oz unpreserved | B | NA | | 3.3 | Y | Absent | | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180) |
| L2441487-14C | Glass 120ml/4oz unpreserved | B | NA | | 3.3 | Y | Absent | | NYTCL-8270(14),TCN-9010(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2441487-14X | Vial MeOH preserved split | B | NA | | 3.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2441487-14Y | Vial Water preserved split | B | NA | | 3.3 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-14Z | Vial Water preserved split | B | NA | | 3.3 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-15A | Vial Large Septa unpreserved (4oz) | B | NA | | 3.3 | Y | Absent | | NYTCL-8260-R2(14) |



*Values in parentheses indicate holding time in days

## Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2441487-15B | Glass 120ml/4oz unpreserved | A | NA | | 2.7 | Y | Absent | | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180) |
| L2441487-15C | Glass 120ml/4oz unpreserved | A | NA | | 2.7 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2441487-15X | Vial MeOH preserved split | B | NA | | 3.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2441487-15Y | Vial Water preserved split | B | NA | | 3.3 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-15Z | Vial Water preserved split | B | NA | | 3.3 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-16A | Vial Large Septa unpreserved (4oz) | A | NA | | 2.7 | Y | Absent | | NYTCL-8260-R2(14) |
| L2441487-16B | Glass 120ml/4oz unpreserved | A | NA | | 2.7 | Y | Absent | | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180) |
| L2441487-16C | Glass 120ml/4oz unpreserved | A | NA | | 2.7 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2441487-16X | Vial MeOH preserved split | A | NA | | 2.7 | Y | Absent | | NYTCL-8260-R2(14) |
| L2441487-16Y | Vial Water preserved split | A | NA | | 2.7 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-16Z | Vial Water preserved split | A | NA | | 2.7 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-17A | Vial Large Septa unpreserved (4oz) | B | NA | | 3.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2441487-17B | Glass 120ml/4oz unpreserved | B | NA | | 3.3 | Y | Absent | | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180) |
| L2441487-17C | Glass 120ml/4oz unpreserved | B | NA | | 3.3 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2441487-17X | Vial MeOH preserved split | B | NA | | 3.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2441487-17Y | Vial Water preserved split | B | NA | | 3.3 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-17Z | Vial Water preserved split | B | NA | | 3.3 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-18A | Vial Large Septa unpreserved (4oz) | A | NA | | 2.7 | Y | Absent | | NYTCL-8260-R2(14) |



*Values in parentheses indicate holding time in days

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2441487
**Report Date:** 08/05/24

## Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2441487-18B | Glass 120ml/4oz unpreserved | A | NA | | 2.7 | Y | Absent | | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180) |
| L2441487-18C | Glass 120ml/4oz unpreserved | A | NA | | 2.7 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2441487-18X | Vial MeOH preserved split | A | NA | | 2.7 | Y | Absent | | NYTCL-8260-R2(14) |
| L2441487-18Y | Vial Water preserved split | A | NA | | 2.7 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |
| L2441487-18Z | Vial Water preserved split | A | NA | | 2.7 | Y | Absent | **26-JUL-24 12:07** | NYTCL-8260-R2(14) |



*Values in parentheses indicate holding time in days

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2441487 |
| **Project Number:** | 100.002 | **Report Date:** | 08/05/24 |

## GLOSSARY

***Acronyms***

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

*Report Format: DU Report with 'J' Qualifiers*

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2441487 |
| **Project Number:** | 100.002 | **Report Date:** | 08/05/24 |

***Footnotes***

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

***Terms***

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

***Data Qualifiers***

**A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

**B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

**C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

**D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

**E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

**F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

**G** - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

**H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

**I** - The lower value for the two columns has been reported due to obvious interference.

**J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

*Report Format: DU Report with 'J' Qualifiers*

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2441487 |
| **Project Number:** | 100.002 | **Report Date:** | 08/05/24 |

***Data Qualifiers***

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

**M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

**ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

**NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

**P** - The RPD between the results for the two columns exceeds the method-specified criteria.

**Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

**R** - Analytical results are from sample re-analysis.

**RE** - Analytical results are from sample re-extraction.

**S** - Analytical results are from modified screening analysis.

**V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

**Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2441487 |
| **Project Number:** | 100.002 | **Report Date:** | 08/05/24 |

## REFERENCES


1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.


## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

# Certification Information

**The following analytes are not included in our Primary NELAP Scope of Accreditation:**

**Westborough Facility**
**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene
**EPA 625.1:** alpha-Terpineol
**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
**EPA 8270E:** NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
**SM4500**: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

**Mansfield Facility**
**SM 2540D:** TSS.
**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
**Nonpotable Water: EPA RSK-175 Dissolved Gases**
**Biological Tissue Matrix:** EPA 3050B

**The following analytes are included in our Massachusetts DEP Scope of Accreditation**

**Westborough Facility:**

***Drinking Water***
**EPA 300.0**: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
**EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
**Microbiology**: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

***Non-Potable Water***
**SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
**EPA 624.1**: Volatile Halocarbons & Aromatics,
**EPA 608.3**: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
**EPA 625.1**: SVOC (Acid/Base/Neutral Extractables).
**Microbiology**: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

**Mansfield Facility:**

***Drinking Water***
**EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
**EPA 522, EPA 537.1.**

***Non-Potable Water***
**EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
**EPA 200.8:** Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
**EPA 245.1** Hg.
**SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

L2441487 30JUL24
SESSLERENV

# NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-9288

**Service Centers**
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab 7/24/24

**Project Information**
Project Name: Bisonite Paint Co.
Project Location: 2206 Military Rd. Tonawanda, NY
Project # 100.007
(Use Project name as Project #) ☐
Project Manager: Bruce Ahrens
ALPHAQuote #:

**Turn-Around Time**
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

**Deliverables**
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

PO #

**Client Information**
Client: Leader / Marsh
Address: 271 Marsh Rd, Suite 2
Pittsford, NY 14534
Phone: 585-248-2413
Fax:
Email: BAhrens@leaderlink.com

**Regulatory Requirement**
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

**Disposal Site Information**
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☒ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

**Other project specific requirements/comments:**
CC: esprito@leaderlink.com

**Please specify Metals or TAL.**

**ANALYSIS**

**Sample Filtration**
☐ Done
☒ Lab to do
*Preservation*
☐ Lab to do
*(Please Specify below)*

| ALPHA Lab ID (Lab Use Only) | Sample ID | Collection Date | Collection Time | Sample Matrix | Sampler's Initials | TCL VOCs | TCL SVOCs | TAL Metals + Mercury + Cyanide | TCL Herbicides | TCL Pesticides | PCBs | | | Sample Specific Comments | Total # Bottles |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | lagoon-liquid-01 | 7/22/24 | 11:35 | [illegible] | ES | | | | | | | | | | |
| 41487-01 | lagoon-SW-01-08 | 7/22/24 | 00:15 | SOIL | ES | X | X | X | X | X | X | | | | 3 |
| 02 | Trench-01 (0.5-1) | 7/18/24 | 08:40 | SOIL | ES | X | X | X | X | X | X | | | | 3 |
| 03 | Trench-02 (0.5-1) | 7/18/24 | 09:55 | SOIL | ES | X | X | X | X | X | X | | | | 3 |
| 04 | Trench-03 (0.5-1) | 7/18/24 | 10:00 | SOIL | ES | X | X | X | X | X | X | | | | 3 |
| 05 | Trench-04 (0.5-1) | 7/18/24 | 11:50 | SOIL | ES | X | X | X | X | X | X | | | | 3 |
| 06 | Trench-05 (0.5-1) | 7/18/24 | 12:00 | SOIL | ES | X | X | X | X | X | X | | | | 3 |
| 07 | Trench-06 (0.5-1) | 7/18/24 | 12:20 | SOIL | ES | X | X | X | X | X | X | | | | 3 |
| 08 | Trench-07 (0.5-1) | 7/18/24 | 13:00 | SOIL | ES | X | X | X | X | X | X | | | | 3 |
| 09 | Trench-08 (0.5-1) | 7/18/24 | 13:20 | SOIL | ES | X | X | X | X | X | X | | | | 3 |
| | Container Type | | | | | A | A | A | A | A | A | | | | |
| | Preservative | | | | | A | A | A | A | A | A | | | | |

Preservative Code:
A = None
B = HCl
C = $HNO_3$
D = $H_2SO_4$
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

| Relinquished By: | Date/Time | Received By: | Date/Time |
|---|---|---|---|
| | 7/23/24 09:00 | Secure Storage Pike | 7/23/24 0900 |
| Secure Storage Pike | 7/23/24 1715 | New Rock, SC | 7/23/24 1715 |
| New Rock, SC | 7-23-24 1854 | Russell B. Bishop | 7-23-24 1854 |
| Russell B. Bishop | 7-23-24 2035 | | 7-24-24 0230 |

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

7-23-24 2330
0230 7/24/24 0230

# NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

**Service Centers**
Mahwah, NJ 07430: 35 Whitney Rd. Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page: 2 of 2

Date Rec'd in Lab: 7/24/24

ALPHA Job #:

**Client Information**
Client: PACE / MARSH
Address: 271 Marsh Rd, Suite 20
Pittsford, NY 14534
Phone: 585-248-2413
Fax:
Email: BAhrens@leaderlink.com

**Project Information**
Project Name: Bisonite Paint Co.
Project Location: 2216 Military Rd
Project #: 100-002
(Use Project name as Project #)
Project Manager: Bruce Ahrens
ALPHAQuote #:

**Turn-Around Time**
Standard: X
Rush (only if pre approved):
Due Date:
# of Days:

**Deliverables**
ASP-A
ASP-B
EQuIS (1 File)
EQuIS (4 File)
Other

**Billing Information**
X Same as Client Info
PO #:

**Regulatory Requirement**
NY TOGS
NY Part 375
AWQ Standards
NY CP-51
NY Restricted Use
Other
NY Unrestricted Use
NYC Sewer Discharge

**Disposal Site Information**
Please identify below location of applicable disposal facilities
Disposal Facility:
NJ
NY
Other:

These samples have been previously analyzed by Alpha

**Other project specific requirements/comments:**

cc: espirito@leaderlink.com

**Please specify Metals or TAL.**

**ANALYSIS**

**Sample Filtration**
Done
Lab to do
**Preservation**
Lab to do
*(Please Specify below)*

| ALPHA Lab ID (Lab Use Only) | Sample ID | Collection Date | Collection Time | Sample Matrix | Sampler's Initials | TCL VOCs | TCL SVOCs | TAL Metals (Mercury Cyanide) | TCL Herbicides | TCL Pesticides | PCBs | Sample Specific Comments | Total Bottles |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 41487-10 | Trench-09 (0.5-1) | 7/19/24 | 13:40 | Soil | ES | X | X | X | X | X | X | | 4 |
| 11 | Trench-10 (0.5-1) | 7/19/24 | 14:00 | Soil | ES | X | X | X | X | X | X | | 4 |
| 12 | Trench-11 (0.5) | 7/19/24 | 07:40 | Soil | ES | X | X | X | X | X | X | | 4 |
| 13 | Trench-12 (1) | 7/19/24 | 08:30 | Soil | ES | X | X | X | X | X | X | | 4 |
| 14 | Trench-13 (1) | 7/19/24 | 0855 | Soil | ES | X | X | X | X | X | X | | 4 |
| 15 | Trench-14 (1) | 7/19/24 | 09:45 | Soil | ES | X | X | X | X | X | X | | 4 |
| 16 | Trench-15 (1) | 7/19/24 | 10:40 | Soil | ES | X | X | X | X | X | X | | 4 |
| 17 | Trench-16 (1) | 7/19/24 | 11:30 | Soil | ES | X | X | X | X | X | X | | 4 |
| 18 | Trench-17 (1) | 7/19/24 | 12:40 | Soil | ES | X | X | X | X | X | X | | 4 |
| 19 | | | | | | | | | | | | | |

Container Type: A | A | A | A | A | A
Preservative: A | A | A | A | A | A

Preservative Code:
A = None
B = HCl
C = $HNO_3$
D = $H_2SO_4$
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

| Relinquished By: | Date/Time | Received By: | Date/Time |
|---|---|---|---|
| | 7/23/24 09:00 | SECURE STORAGE | 7/23/24 0900 |
| SECURE STORAGE PACE | 7/23/24 1715 | Mag Rock S.C. | 7/23/24 1715 |
| PACE SC | 7/23/24 1854 | Russell B Bisby | 7/23/24 1854 |
| Russell B Bisby | 7/23/24 2037 | | 7-23-24 2037 |
| | 7-23-24 2230 | | 7/24/24 0230 |

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

# ANALYTICAL REPORT

| | |
|---|---|
| Lab Number: | L2442339 |
| Client: | Leader Professional Services, Inc.<br>271 Marsh Road, Suite 2<br>Pittsford, NY 14534 |
| ATTN: | Bruce Ahrens |
| Phone: | (585) 248-2413 |
| Project Name: | BISONITE PAINT CO. |
| Project Number: | 100.002 |
| Report Date: | 08/06/24 |

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2442339
**Report Date:** 08/06/24

| Alpha Sample ID | Client ID | Matrix | Sample Location | Collection Date/Time | Receive Date |
|---|---|---|---|---|---|
| L2442339-01 | CEMENT-PIPE-WEST WALL | SOLID | 2266 MILITARY RD | 07/26/24 10:10 | 07/26/24 |
| L2442339-02 | LAGOON-LIQUID-01 | OIL | 2266 MILITARY RD | 07/26/24 11:35 | 07/26/24 |
| L2442339-03 | LAGOON-SW-W-07 | SOLID | 2266 MILITARY RD | 07/26/24 11:30 | 07/26/24 |

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2442339 |
| **Project Number:** | 100.002 | **Report Date:** | 08/06/24 |

## Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2442339 |
| **Project Number:** | 100.002 | **Report Date:** | 08/06/24 |

**Case Narrative (continued)**

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2442339-02: The sample was received in an inappropriate container for the TCL Volatiles - EPA 8260D analysis. An aliquot was taken from an unpreserved container and preserved appropriately.

L2442339-02: Due to the sample matrix, the analysis of Volatile Organics was performed instead of TCLP Volatiles.

Volatile Organics

L2442339-02D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L2442339-02D: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (177%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

Total Metals

L2442339-03: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative Date: 08/06/24

# ORGANICS

# VOLATILES

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2442339

**Project Number:** 100.002 **Report Date:** 08/06/24

## SAMPLE RESULTS

Lab ID: L2442339-01 Date Collected: 07/26/24 10:10

Client ID: CEMENT-PIPE-WEST WALL Date Received: 07/26/24

Sample Location: 2266 MILITARY RD Field Prep: Not Specified

Sample Depth:

Matrix: Solid

Analytical Method: 1,8260D

Analytical Date: 08/01/24 21:56

Analyst: LAC

Percent Solids: 68%

TCLP/SPLP Ext. Date: 07/31/24 09:24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **TCLP Volatiles by EPA 1311 - Westborough Lab** | | | | | | |
| Chloroform | ND | | ug/l | 7.5 | 2.2 | 10 |
| Carbon tetrachloride | ND | | ug/l | 5.0 | 1.3 | 10 |
| Tetrachloroethene | ND | | ug/l | 5.0 | 1.8 | 10 |
| Chlorobenzene | ND | | ug/l | 5.0 | 1.8 | 10 |
| 1,2-Dichloroethane | ND | | ug/l | 5.0 | 1.3 | 10 |
| Benzene | ND | | ug/l | 5.0 | 1.6 | 10 |
| Vinyl chloride | ND | | ug/l | 10 | 0.71 | 10 |
| 1,1-Dichloroethene | ND | | ug/l | 5.0 | 1.7 | 10 |
| Trichloroethene | ND | | ug/l | 5.0 | 1.8 | 10 |
| 1,4-Dichlorobenzene | ND | | ug/l | 25 | 1.9 | 10 |
| 2-Butanone | ND | | ug/l | 50 | 19. | 10 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 113 | | 70-130 |
| Toluene-d8 | 95 | | 70-130 |
| 4-Bromofluorobenzene | 92 | | 70-130 |
| dibromofluoromethane | 117 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2442339

**Project Number:** 100.002 **Report Date:** 08/06/24

## SAMPLE RESULTS

Lab ID: L2442339-02 D
Client ID: LAGOON-LIQUID-01
Sample Location: 2266 MILITARY RD

Date Collected: 07/26/24 11:35
Date Received: 07/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Oil
Analytical Method: 1,8260D
Analytical Date: 08/04/24 22:43
Analyst: JIC
Percent Solids: Results reported on an 'AS RECEIVED' basis.

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Chloroform | ND | | ug/kg | 36000 | 3400 | 50 |
| Carbon tetrachloride | ND | | ug/kg | 24000 | 5500 | 50 |
| Tetrachloroethene | ND | | ug/kg | 12000 | 4700 | 50 |
| Chlorobenzene | ND | | ug/kg | 12000 | 3000 | 50 |
| 1,2-Dichloroethane | ND | | ug/kg | 24000 | 6200 | 50 |
| Benzene | 7500 | J | ug/kg | 12000 | 4000 | 50 |
| Vinyl chloride | ND | | ug/kg | 24000 | 8000 | 50 |
| 1,1-Dichloroethene | ND | | ug/kg | 24000 | 5700 | 50 |
| Trichloroethene | ND | | ug/kg | 12000 | 3300 | 50 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 48000 | 4100 | 50 |
| 2-Butanone | 390000 | | ug/kg | 240000 | 53000 | 50 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 110 | | 70-130 |
| Toluene-d8 | 100 | | 70-130 |
| 4-Bromofluorobenzene | **177** | Q | 70-130 |
| Dibromofluoromethane | 103 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2442339

**Project Number:** 100.002 **Report Date:** 08/06/24

## SAMPLE RESULTS

Lab ID: L2442339-03 Date Collected: 07/26/24 11:30
Client ID: LAGOON-SW-W-07 Date Received: 07/26/24
Sample Location: 2266 MILITARY RD Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8260D
Analytical Date: 08/01/24 22:19
Analyst: LAC
Percent Solids: 88%
TCLP/SPLP Ext. Date: 07/31/24 09:24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **TCLP Volatiles by EPA 1311 - Westborough Lab** | | | | | | |
| Chloroform | ND | | ug/l | 7.5 | 2.2 | 10 |
| Carbon tetrachloride | ND | | ug/l | 5.0 | 1.3 | 10 |
| Tetrachloroethene | ND | | ug/l | 5.0 | 1.8 | 10 |
| Chlorobenzene | ND | | ug/l | 5.0 | 1.8 | 10 |
| 1,2-Dichloroethane | ND | | ug/l | 5.0 | 1.3 | 10 |
| Benzene | ND | | ug/l | 5.0 | 1.6 | 10 |
| Vinyl chloride | ND | | ug/l | 10 | 0.71 | 10 |
| 1,1-Dichloroethene | ND | | ug/l | 5.0 | 1.7 | 10 |
| Trichloroethene | ND | | ug/l | 5.0 | 1.8 | 10 |
| 1,4-Dichlorobenzene | ND | | ug/l | 25 | 1.9 | 10 |
| 2-Butanone | ND | | ug/l | 50 | 19. | 10 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 112 | | 70-130 |
| Toluene-d8 | 95 | | 70-130 |
| 4-Bromofluorobenzene | 89 | | 70-130 |
| dibromofluoromethane | 115 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2442339

**Project Number:** 100.002 **Report Date:** 08/06/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/01/24 17:19
Analyst: LAC
TCLP/SPLP Extraction Date: 07/31/24 09:24

Extraction Date: 07/31/24 09:24

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 01,03 Batch: WG1954503-5 | | | | | |
| Chloroform | ND | | ug/l | 7.5 | 2.2 |
| Carbon tetrachloride | ND | | ug/l | 5.0 | 1.3 |
| Tetrachloroethene | ND | | ug/l | 5.0 | 1.8 |
| Chlorobenzene | ND | | ug/l | 5.0 | 1.8 |
| 1,2-Dichloroethane | ND | | ug/l | 5.0 | 1.3 |
| Benzene | ND | | ug/l | 5.0 | 1.6 |
| Vinyl chloride | ND | | ug/l | 10 | 0.71 |
| 1,1-Dichloroethene | ND | | ug/l | 5.0 | 1.7 |
| Trichloroethene | ND | | ug/l | 5.0 | 1.8 |
| 1,4-Dichlorobenzene | ND | | ug/l | 25 | 1.9 |
| 2-Butanone | ND | | ug/l | 50 | 19. |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 105 | | 70-130 |
| Toluene-d8 | 96 | | 70-130 |
| 4-Bromofluorobenzene | 94 | | 70-130 |
| dibromofluoromethane | 108 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2442339

**Project Number:** 100.002 **Report Date:** 08/06/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/04/24 14:03
Analyst: AJK

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1955237-5 | | | | | |
| Chloroform | ND | | ug/kg | 750 | 70. |
| Carbon tetrachloride | ND | | ug/kg | 500 | 120 |
| Tetrachloroethene | ND | | ug/kg | 250 | 98. |
| Chlorobenzene | ND | | ug/kg | 250 | 64. |
| 1,2-Dichloroethane | ND | | ug/kg | 500 | 130 |
| Benzene | ND | | ug/kg | 250 | 83. |
| Vinyl chloride | ND | | ug/kg | 500 | 170 |
| 1,1-Dichloroethene | ND | | ug/kg | 500 | 120 |
| Trichloroethene | ND | | ug/kg | 250 | 68. |
| 1,4-Dichlorobenzene | ND | | ug/kg | 1000 | 86. |
| 2-Butanone | ND | | ug/kg | 5000 | 1100 |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 110 | | 70-130 |
| Toluene-d8 | 98 | | 70-130 |
| 4-Bromofluorobenzene | 91 | | 70-130 |
| Dibromofluoromethane | 106 | | 70-130 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2442339

**Report Date:** 08/06/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 01,03 Batch: WG1954503-3 WG1954503-4 | | | | | | | | |
| Chloroform | 99 | | 90 | | 70-130 | 10 | | 20 |
| Carbon tetrachloride | 100 | | 110 | | 63-132 | 10 | | 20 |
| Tetrachloroethene | 110 | | 110 | | 70-130 | 0 | | 20 |
| Chlorobenzene | 110 | | 110 | | 75-130 | 0 | | 25 |
| 1,2-Dichloroethane | 110 | | 110 | | 70-130 | 0 | | 20 |
| Benzene | 100 | | 100 | | 70-130 | 0 | | 25 |
| Vinyl chloride | 98 | | 99 | | 55-140 | 1 | | 20 |
| 1,1-Dichloroethene | 85 | | 87 | | 61-145 | 2 | | 25 |
| Trichloroethene | 100 | | 100 | | 70-130 | 0 | | 25 |
| 1,4-Dichlorobenzene | 100 | | 100 | | 70-130 | 0 | | 20 |
| 2-Butanone | 84 | | 94 | | 63-138 | 11 | | 20 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 105 | | 105 | | 70-130 |
| Toluene-d8 | 104 | | 103 | | 70-130 |
| 4-Bromofluorobenzene | 91 | | 90 | | 70-130 |
| dibromofluoromethane | 104 | | 103 | | 70-130 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2442339

**Report Date:** 08/06/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1955237-3 WG1955237-4 | | | | | | | | |
| Chloroform | 104 | | 100 | | 70-130 | 4 | | 30 |
| Carbon tetrachloride | 102 | | 101 | | 70-130 | 1 | | 30 |
| Tetrachloroethene | 103 | | 103 | | 70-130 | 0 | | 30 |
| Chlorobenzene | 99 | | 98 | | 70-130 | 1 | | 30 |
| 1,2-Dichloroethane | 108 | | 104 | | 70-130 | 4 | | 30 |
| Benzene | 100 | | 97 | | 70-130 | 3 | | 30 |
| Vinyl chloride | 75 | | 106 | | 67-130 | **34** | Q | 30 |
| 1,1-Dichloroethene | 103 | | 98 | | 65-135 | 5 | | 30 |
| Trichloroethene | 99 | | 96 | | 70-130 | 3 | | 30 |
| 1,4-Dichlorobenzene | 99 | | 98 | | 70-130 | 1 | | 30 |
| 2-Butanone | 92 | | 92 | | 70-130 | 0 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 110 | | 108 | | 70-130 |
| Toluene-d8 | 100 | | 99 | | 70-130 |
| 4-Bromofluorobenzene | 93 | | 89 | | 70-130 |
| Dibromofluoromethane | 104 | | 104 | | 70-130 |

# SEMIVOLATILES

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2442339

**Project Number:** 100.002 **Report Date:** 08/06/24

## SAMPLE RESULTS

Lab ID: L2442339-01
Client ID: CEMENT-PIPE-WEST WALL
Sample Location: 2266 MILITARY RD

Date Collected: 07/26/24 10:10
Date Received: 07/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8270E
Analytical Date: 08/05/24 19:59
Analyst: IM
Percent Solids: 68%
TCLP/SPLP Ext. Date: 08/01/24 23:04

Extraction Method: EPA 3510C
Extraction Date: 08/04/24 11:15

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **TCLP Semivolatiles by EPA 1311 - Westborough Lab** | | | | | | |
| Hexachlorobenzene | ND | | ug/l | 10 | 3.4 | 1 |
| 2,4-Dinitrotoluene | ND | | ug/l | 25 | 1.9 | 1 |
| Hexachlorobutadiene | ND | | ug/l | 10 | 3.0 | 1 |
| Hexachloroethane | ND | | ug/l | 10 | 2.2 | 1 |
| Nitrobenzene | ND | | ug/l | 10 | 3.3 | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/l | 25 | 2.5 | 1 |
| Pentachlorophenol | ND | | ug/l | 50 | 9.8 | 1 |
| 2-Methylphenol | ND | | ug/l | 25 | 5.5 | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/l | 25 | 2.8 | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/l | 25 | 1.9 | 1 |
| Pyridine | ND | | ug/l | 18 | 4.5 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 53 | | 21-120 |
| Phenol-d6 | 46 | | 10-120 |
| Nitrobenzene-d5 | 45 | | 23-120 |
| 2-Fluorobiphenyl | 51 | | 15-120 |
| 2,4,6-Tribromophenol | 40 | | 10-120 |
| 4-Terphenyl-d14 | 56 | | 33-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2442339

**Project Number:** 100.002 **Report Date:** 08/06/24

## SAMPLE RESULTS

Lab ID: L2442339-02
Client ID: LAGOON-LIQUID-01
Sample Location: 2266 MILITARY RD

Date Collected: 07/26/24 11:35
Date Received: 07/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Oil
Analytical Method: 1,8270E
Analytical Date: 08/06/24 13:46
Analyst: IM
Percent Solids: Results reported on an 'AS RECEIVED' basis.
TCLP/SPLP Ext. Date: 08/04/24 19:20

Extraction Method: EPA 3510C
Extraction Date: 08/05/24 12:58

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **TCLP Semivolatiles by EPA 1311 - Westborough Lab** | | | | | | |
| Hexachlorobenzene | ND | | ug/l | 10 | 3.4 | 1 |
| 2,4-Dinitrotoluene | ND | | ug/l | 25 | 1.9 | 1 |
| Hexachlorobutadiene | ND | | ug/l | 10 | 3.0 | 1 |
| Hexachloroethane | ND | | ug/l | 10 | 2.2 | 1 |
| Nitrobenzene | ND | | ug/l | 10 | 3.3 | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/l | 25 | 2.5 | 1 |
| Pentachlorophenol | ND | | ug/l | 50 | 9.8 | 1 |
| 2-Methylphenol | 31 | | ug/l | 25 | 5.5 | 1 |
| 3-Methylphenol/4-Methylphenol | 79 | | ug/l | 25 | 2.8 | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/l | 25 | 1.9 | 1 |
| Pyridine | ND | | ug/l | 18 | 4.5 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 84 | | 21-120 |
| Phenol-d6 | 82 | | 10-120 |
| Nitrobenzene-d5 | 90 | | 23-120 |
| 2-Fluorobiphenyl | 85 | | 15-120 |
| 2,4,6-Tribromophenol | 83 | | 10-120 |
| 4-Terphenyl-d14 | 93 | | 33-120 |

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2442339
**Project Number:** 100.002
**Report Date:** 08/06/24

## SAMPLE RESULTS

Lab ID: L2442339-03
Client ID: LAGOON-SW-W-07
Sample Location: 2266 MILITARY RD

Date Collected: 07/26/24 11:30
Date Received: 07/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8270E
Analytical Date: 08/05/24 20:22
Analyst: IM
Percent Solids: 88%
TCLP/SPLP Ext. Date: 08/03/24 22:25

Extraction Method: EPA 3510C
Extraction Date: 08/05/24 03:28

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **TCLP Semivolatiles by EPA 1311 - Westborough Lab** | | | | | | |
| Hexachlorobenzene | ND | | ug/l | 10 | 3.4 | 1 |
| 2,4-Dinitrotoluene | ND | | ug/l | 25 | 1.9 | 1 |
| Hexachlorobutadiene | ND | | ug/l | 10 | 3.0 | 1 |
| Hexachloroethane | ND | | ug/l | 10 | 2.2 | 1 |
| Nitrobenzene | ND | | ug/l | 10 | 3.3 | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/l | 25 | 2.5 | 1 |
| Pentachlorophenol | ND | | ug/l | 50 | 9.8 | 1 |
| 2-Methylphenol | ND | | ug/l | 25 | 5.5 | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/l | 25 | 2.8 | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/l | 25 | 1.9 | 1 |
| Pyridine | ND | | ug/l | 18 | 4.5 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 72 | | 21-120 |
| Phenol-d6 | 64 | | 10-120 |
| Nitrobenzene-d5 | 63 | | 23-120 |
| 2-Fluorobiphenyl | 75 | | 15-120 |
| 2,4,6-Tribromophenol | 47 | | 10-120 |
| 4-Terphenyl-d14 | 75 | | 33-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2442339

**Project Number:** 100.002 **Report Date:** 08/06/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/05/24 14:38
Analyst: IM
TCLP/SPLP Extraction Date: 08/01/24 23:04

Extraction Method: EPA 3510C
Extraction Date: 08/04/24 11:15

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1955096-1 | | | | | |
| Hexachlorobenzene | ND | | ug/l | 10 | 3.4 |
| 2,4-Dinitrotoluene | ND | | ug/l | 25 | 1.9 |
| Hexachlorobutadiene | ND | | ug/l | 10 | 3.0 |
| Hexachloroethane | ND | | ug/l | 10 | 2.2 |
| Nitrobenzene | ND | | ug/l | 10 | 3.3 |
| 2,4,6-Trichlorophenol | ND | | ug/l | 25 | 2.5 |
| Pentachlorophenol | ND | | ug/l | 50 | 9.8 |
| 2-Methylphenol | ND | | ug/l | 25 | 5.5 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/l | 25 | 2.8 |
| 2,4,5-Trichlorophenol | ND | | ug/l | 25 | 1.9 |
| Pyridine | ND | | ug/l | 18 | 4.5 |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 56 | | 21-120 |
| Phenol-d6 | 54 | | 10-120 |
| Nitrobenzene-d5 | 58 | | 23-120 |
| 2-Fluorobiphenyl | 54 | | 15-120 |
| 2,4,6-Tribromophenol | 62 | | 10-120 |
| 4-Terphenyl-d14 | 61 | | 33-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2442339

**Project Number:** 100.002 **Report Date:** 08/06/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/05/24 15:01
Analyst: IM
TCLP/SPLP Extraction Date: 08/03/24 22:25

Extraction Method: EPA 3510C
Extraction Date: 08/05/24 03:28

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 03 Batch: WG1955181-1 | | | | | |
| Hexachlorobenzene | ND | | ug/l | 10 | 3.4 |
| 2,4-Dinitrotoluene | ND | | ug/l | 25 | 1.9 |
| Hexachlorobutadiene | ND | | ug/l | 10 | 3.0 |
| Hexachloroethane | ND | | ug/l | 10 | 2.2 |
| Nitrobenzene | ND | | ug/l | 10 | 3.3 |
| 2,4,6-Trichlorophenol | ND | | ug/l | 25 | 2.5 |
| Pentachlorophenol | ND | | ug/l | 50 | 9.8 |
| 2-Methylphenol | ND | | ug/l | 25 | 5.5 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/l | 25 | 2.8 |
| 2,4,5-Trichlorophenol | ND | | ug/l | 25 | 1.9 |
| Pyridine | ND | | ug/l | 18 | 4.5 |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 74 | | 21-120 |
| Phenol-d6 | 68 | | 10-120 |
| Nitrobenzene-d5 | 72 | | 23-120 |
| 2-Fluorobiphenyl | 74 | | 15-120 |
| 2,4,6-Tribromophenol | 79 | | 10-120 |
| 4-Terphenyl-d14 | 77 | | 33-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2442339

**Project Number:** 100.002 **Report Date:** 08/06/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/06/24 12:34
Analyst: IM
TCLP/SPLP Extraction Date: 08/04/24 06:08

Extraction Method: EPA 3510C
Extraction Date: 08/05/24 12:58

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 02 Batch: WG1955462-1 | | | | | |
| Hexachlorobenzene | ND | | ug/l | 10 | 3.4 |
| 2,4-Dinitrotoluene | ND | | ug/l | 25 | 1.9 |
| Hexachlorobutadiene | ND | | ug/l | 10 | 3.0 |
| Hexachloroethane | ND | | ug/l | 10 | 2.2 |
| Nitrobenzene | ND | | ug/l | 10 | 3.3 |
| 2,4,6-Trichlorophenol | ND | | ug/l | 25 | 2.5 |
| Pentachlorophenol | ND | | ug/l | 50 | 9.8 |
| 2-Methylphenol | ND | | ug/l | 25 | 5.5 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/l | 25 | 2.8 |
| 2,4,5-Trichlorophenol | ND | | ug/l | 25 | 1.9 |
| Pyridine | ND | | ug/l | 18 | 4.5 |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 89 | | 21-120 |
| Phenol-d6 | 84 | | 10-120 |
| Nitrobenzene-d5 | 89 | | 23-120 |
| 2-Fluorobiphenyl | 85 | | 15-120 |
| 2,4,6-Tribromophenol | 96 | | 10-120 |
| 4-Terphenyl-d14 | 101 | | 33-120 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2442339
**Report Date:** 08/06/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1955096-2 WG1955096-3 | | | | | | | | |
| Hexachlorobenzene | 74 | | 61 | | 40-140 | 19 | | 30 |
| 2,4-Dinitrotoluene | 88 | | 70 | | 40-132 | 23 | | 30 |
| Hexachlorobutadiene | 44 | | 41 | | 28-111 | 7 | | 30 |
| Hexachloroethane | 43 | | 39 | | 21-105 | 10 | | 30 |
| Nitrobenzene | 73 | | 60 | | 40-140 | 20 | | 30 |
| 2,4,6-Trichlorophenol | 79 | | 63 | | 30-130 | 23 | | 30 |
| Pentachlorophenol | 81 | | 65 | | 9-103 | 22 | | 30 |
| 2-Methylphenol | 74 | | 62 | | 30-130 | 18 | | 30 |
| 3-Methylphenol/4-Methylphenol | 76 | | 61 | | 30-130 | 22 | | 30 |
| 2,4,5-Trichlorophenol | 81 | | 67 | | 30-130 | 19 | | 30 |
| Pyridine | 14 | | 12 | | 10-66 | 15 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 2-Fluorophenol | 73 | | 59 | | 21-120 |
| Phenol-d6 | 69 | | 56 | | 10-120 |
| Nitrobenzene-d5 | 72 | | 59 | | 23-120 |
| 2-Fluorobiphenyl | 70 | | 57 | | 15-120 |
| 2,4,6-Tribromophenol | 81 | | 65 | | 10-120 |
| 4-Terphenyl-d14 | 76 | | 60 | | 33-120 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2442339

**Report Date:** 08/06/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 03 Batch: WG1955181-2 WG1955181-3 | | | | | | | | |
| Hexachlorobenzene | 64 | | 69 | | 40-140 | 8 | | 30 |
| 2,4-Dinitrotoluene | 75 | | 80 | | 40-132 | 6 | | 30 |
| Hexachlorobutadiene | 60 | | 68 | | 28-111 | 13 | | 30 |
| Hexachloroethane | 62 | | 68 | | 21-105 | 9 | | 30 |
| Nitrobenzene | 64 | | 70 | | 40-140 | 9 | | 30 |
| 2,4,6-Trichlorophenol | 65 | | 72 | | 30-130 | 10 | | 30 |
| Pentachlorophenol | 67 | | 72 | | 9-103 | 7 | | 30 |
| 2-Methylphenol | 64 | | 70 | | 30-130 | 9 | | 30 |
| 3-Methylphenol/4-Methylphenol | 65 | | 70 | | 30-130 | 7 | | 30 |
| 2,4,5-Trichlorophenol | 70 | | 75 | | 30-130 | 7 | | 30 |
| Pyridine | 13 | | 13 | | 10-66 | 0 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 2-Fluorophenol | 61 | | 68 | | 21-120 |
| Phenol-d6 | 59 | | 64 | | 10-120 |
| Nitrobenzene-d5 | 63 | | 68 | | 23-120 |
| 2-Fluorobiphenyl | 61 | | 66 | | 15-120 |
| 2,4,6-Tribromophenol | 68 | | 72 | | 10-120 |
| 4-Terphenyl-d14 | 65 | | 69 | | 33-120 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2442339

**Report Date:** 08/06/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 02 Batch: WG1955462-2 WG1955462-3 | | | | | | | | |
| Hexachlorobenzene | 77 | | 81 | | 40-140 | 5 | | 30 |
| 2,4-Dinitrotoluene | 80 | | 86 | | 40-132 | 7 | | 30 |
| Hexachlorobutadiene | 72 | | 74 | | 28-111 | 3 | | 30 |
| Hexachloroethane | 64 | | 65 | | 21-105 | 2 | | 30 |
| Nitrobenzene | 71 | | 72 | | 40-140 | 1 | | 30 |
| 2,4,6-Trichlorophenol | 83 | | 88 | | 30-130 | 6 | | 30 |
| Pentachlorophenol | 70 | | 75 | | 9-103 | 7 | | 30 |
| 2-Methylphenol | 72 | | 75 | | 30-130 | 4 | | 30 |
| 3-Methylphenol/4-Methylphenol | 72 | | 76 | | 30-130 | 5 | | 30 |
| 2,4,5-Trichlorophenol | 85 | | 91 | | 30-130 | 7 | | 30 |
| Pyridine | 26 | | 30 | | 10-66 | 14 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 2-Fluorophenol | 71 | | 74 | | 21-120 |
| Phenol-d6 | 69 | | 72 | | 10-120 |
| Nitrobenzene-d5 | 72 | | 76 | | 23-120 |
| 2-Fluorobiphenyl | 72 | | 76 | | 15-120 |
| 2,4,6-Tribromophenol | 81 | | 86 | | 10-120 |
| 4-Terphenyl-d14 | 76 | | 82 | | 33-120 |

# PCBS

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2442339

**Project Number:** 100.002 **Report Date:** 08/06/24

## SAMPLE RESULTS

Lab ID: L2442339-01 D
Client ID: CEMENT-PIPE-WEST WALL
Sample Location: 2266 MILITARY RD

Date Collected: 07/26/24 10:10
Date Received: 07/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8082A
Analytical Date: 08/02/24 13:10
Analyst: MHG
Percent Solids: 68%

Extraction Method: EPA 3540C
Extraction Date: 07/31/24 14:45
Cleanup Method: EPA 3665A
Cleanup Date: 08/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/02/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 645 | 57.2 | 5 | A |
| Aroclor 1221 | ND | | ug/kg | 645 | 64.6 | 5 | A |
| Aroclor 1232 | ND | | ug/kg | 645 | 137. | 5 | A |
| Aroclor 1242 | ND | | ug/kg | 645 | 86.9 | 5 | A |
| Aroclor 1248 | 8430 | | ug/kg | 645 | 96.7 | 5 | B |
| Aroclor 1254 | ND | | ug/kg | 645 | 70.5 | 5 | A |
| Aroclor 1260 | ND | | ug/kg | 645 | 119. | 5 | A |
| Aroclor 1262 | ND | | ug/kg | 645 | 81.9 | 5 | A |
| Aroclor 1268 | ND | | ug/kg | 645 | 66.8 | 5 | A |
| PCBs, Total | 8430 | | ug/kg | 645 | 57.2 | 5 | B |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 87 | | 30-150 | A |
| Decachlorobiphenyl | 117 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 87 | | 30-150 | B |
| Decachlorobiphenyl | **164** | Q | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2442339

**Project Number:** 100.002 **Report Date:** 08/06/24

## SAMPLE RESULTS

Lab ID: L2442339-02
Client ID: LAGOON-LIQUID-01
Sample Location: 2266 MILITARY RD

Date Collected: 07/26/24 11:35
Date Received: 07/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Oil
Analytical Method: 1,8082A
Analytical Date: 08/01/24 13:49
Analyst: MHG
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Extraction Method: EPA 3580A
Extraction Date: 07/30/24 15:35
Cleanup Method: EPA 3665A
Cleanup Date: 08/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/01/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | mg/kg | 4.90 | 0.435 | 1 | A |
| Aroclor 1221 | ND | | mg/kg | 4.90 | 0.490 | 1 | A |
| Aroclor 1232 | ND | | mg/kg | 4.90 | 1.04 | 1 | A |
| Aroclor 1242 | ND | | mg/kg | 4.90 | 0.660 | 1 | A |
| Aroclor 1248 | ND | | mg/kg | 4.90 | 0.734 | 1 | A |
| Aroclor 1254 | ND | | mg/kg | 4.90 | 0.536 | 1 | A |
| Aroclor 1260 | ND | | mg/kg | 4.90 | 0.905 | 1 | A |
| Aroclor 1262 | ND | | mg/kg | 4.90 | 0.622 | 1 | A |
| Aroclor 1268 | ND | | mg/kg | 4.90 | 0.507 | 1 | A |
| PCBs, Total | ND | | mg/kg | 4.90 | 0.435 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 80 | | 30-150 | A |
| Decachlorobiphenyl | 80 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 80 | | 30-150 | B |
| Decachlorobiphenyl | 74 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2442339
**Project Number:** 100.002
**Report Date:** 08/06/24

## SAMPLE RESULTS

Lab ID: L2442339-03
Client ID: LAGOON-SW-W-07
Sample Location: 2266 MILITARY RD

Date Collected: 07/26/24 11:30
Date Received: 07/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8082A
Analytical Date: 08/02/24 11:23
Analyst: MHG
Percent Solids: 88%

Extraction Method: EPA 3540C
Extraction Date: 07/31/24 14:45
Cleanup Method: EPA 3665A
Cleanup Date: 08/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/02/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 98.6 | 8.76 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 98.6 | 9.88 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 98.6 | 20.9 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 98.6 | 13.3 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 98.6 | 14.8 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 98.6 | 10.8 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 98.6 | 18.2 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 98.6 | 12.5 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 98.6 | 10.2 | 1 | A |
| PCBs, Total | ND | | ug/kg | 98.6 | 8.76 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 82 | | 30-150 | A |
| Decachlorobiphenyl | 94 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 78 | | 30-150 | B |
| Decachlorobiphenyl | 113 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2442339
**Report Date:** 08/06/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 08/01/24 13:25
Analyst: MHG

Extraction Method: EPA 3580A
Extraction Date: 07/30/24 15:35
Cleanup Method: EPA 3665A
Cleanup Date: 08/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/01/24

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02 Batch: WG1953318-1 | | | | | | |
| Aroclor 1016 | ND | | mg/kg | 4.18 | 0.371 | A |
| Aroclor 1221 | ND | | mg/kg | 4.18 | 0.418 | A |
| Aroclor 1232 | ND | | mg/kg | 4.18 | 0.886 | A |
| Aroclor 1242 | ND | | mg/kg | 4.18 | 0.563 | A |
| Aroclor 1248 | ND | | mg/kg | 4.18 | 0.626 | A |
| Aroclor 1254 | ND | | mg/kg | 4.18 | 0.457 | A |
| Aroclor 1260 | ND | | mg/kg | 4.18 | 0.772 | A |
| Aroclor 1262 | ND | | mg/kg | 4.18 | 0.530 | A |
| Aroclor 1268 | ND | | mg/kg | 4.18 | 0.433 | A |
| PCBs, Total | ND | | mg/kg | 4.18 | 0.371 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 75 | | 30-150 | A |
| Decachlorobiphenyl | 90 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 76 | | 30-150 | B |
| Decachlorobiphenyl | 76 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2442339
**Report Date:** 08/06/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 08/02/24 10:43
Analyst: MHG

Extraction Method: EPA 3540C
Extraction Date: 08/01/24 13:30
Cleanup Method: EPA 3665A
Cleanup Date: 08/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/02/24

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03 Batch: WG1953825-1 | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 99.8 | 8.86 | A |
| Aroclor 1221 | ND | | ug/kg | 99.8 | 10.0 | A |
| Aroclor 1232 | ND | | ug/kg | 99.8 | 21.2 | A |
| Aroclor 1242 | ND | | ug/kg | 99.8 | 13.4 | A |
| Aroclor 1248 | ND | | ug/kg | 99.8 | 15.0 | A |
| Aroclor 1254 | ND | | ug/kg | 99.8 | 10.9 | A |
| Aroclor 1260 | ND | | ug/kg | 99.8 | 18.4 | A |
| Aroclor 1262 | ND | | ug/kg | 99.8 | 12.7 | A |
| Aroclor 1268 | ND | | ug/kg | 99.8 | 10.3 | A |
| PCBs, Total | ND | | ug/kg | 99.8 | 8.86 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 82 | | 30-150 | A |
| Decachlorobiphenyl | 100 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 79 | | 30-150 | B |
| Decachlorobiphenyl | 115 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2442339

**Report Date:** 08/06/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02 Batch: WG1953318-2 WG1953318-3 | | | | | | | | | |
| Aroclor 1016 | 78 | | 87 | | 40-140 | 11 | | 50 | A |
| Aroclor 1260 | 71 | | 79 | | 40-140 | 11 | | 50 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 71 | | 81 | | 30-150 | A |
| Decachlorobiphenyl | 84 | | 104 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 69 | | 80 | | 30-150 | B |
| Decachlorobiphenyl | 72 | | 83 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2442339

**Report Date:** 08/06/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03 Batch: WG1953825-2 WG1953825-3 | | | | | | | | | |
| Aroclor 1016 | 91 | | 93 | | 40-140 | 2 | | 50 | A |
| Aroclor 1260 | 89 | | 92 | | 40-140 | 3 | | 50 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 88 | | 92 | | 30-150 | A |
| Decachlorobiphenyl | 100 | | 106 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 83 | | 87 | | 30-150 | B |
| Decachlorobiphenyl | 115 | | 128 | | 30-150 | B |

# PESTICIDES

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2442339
**Project Number:** 100.002
**Report Date:** 08/06/24

## SAMPLE RESULTS

Lab ID: L2442339-03
Client ID: LAGOON-SW-W-07
Sample Location: 2266 MILITARY RD

Date Collected: 07/26/24 11:30
Date Received: 07/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8081B
Analytical Date: 08/02/24 16:32
Analyst: JAG
Percent Solids: 88%

Extraction Method: EPA 3540C
Extraction Date: 08/01/24 14:55
Cleanup Method: EPA 3620B
Cleanup Date: 08/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/02/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 5.28 | 1.03 | 1 | A |
| Lindane | ND | | ug/kg | 2.20 | 0.983 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 2.20 | 0.624 | 1 | A |
| Beta-BHC | ND | | ug/kg | 5.28 | 2.00 | 1 | A |
| Heptachlor | ND | | ug/kg | 2.64 | 1.18 | 1 | A |
| Aldrin | ND | | ug/kg | 5.28 | 1.86 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 9.90 | 2.97 | 1 | A |
| Endrin | ND | | ug/kg | 2.20 | 0.902 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 6.60 | 2.31 | 1 | A |
| Endrin ketone | ND | | ug/kg | 5.28 | 1.36 | 1 | A |
| Dieldrin | ND | | ug/kg | 3.30 | 1.65 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 5.28 | 1.22 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 5.28 | 1.88 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 5.28 | 4.24 | 1 | A |
| Endosulfan I | ND | | ug/kg | 5.28 | 1.25 | 1 | A |
| Endosulfan II | ND | | ug/kg | 5.28 | 1.76 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 2.20 | 1.05 | 1 | A |
| Methoxychlor | ND | | ug/kg | 9.90 | 3.08 | 1 | A |
| Toxaphene | ND | | ug/kg | 99.0 | 27.7 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 6.60 | 1.84 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 6.60 | 1.74 | 1 | A |
| Chlordane | ND | | ug/kg | 44.0 | 17.5 | 1 | A |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2442339

**Project Number:** 100.002 **Report Date:** 08/06/24

## SAMPLE RESULTS

Lab ID: L2442339-03 Date Collected: 07/26/24 11:30

Client ID: LAGOON-SW-W-07 Date Received: 07/26/24

Sample Location: 2266 MILITARY RD Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 88 | | 30-150 | A |
| Decachlorobiphenyl | 86 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 78 | | 30-150 | B |
| Decachlorobiphenyl | 99 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2442339
**Project Number:** 100.002
**Report Date:** 08/06/24

## SAMPLE RESULTS

Lab ID: L2442339-03
Client ID: LAGOON-SW-W-07
Sample Location: 2266 MILITARY RD

Date Collected: 07/26/24 11:30
Date Received: 07/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8151A
Analytical Date: 08/06/24 17:41
Analyst: JAG
Percent Solids: 88%
Methylation Date: 08/06/24 07:59

Extraction Method: EPA 8151A
Extraction Date: 08/05/24 12:57

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 187 | 11.8 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 187 | 5.80 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 187 | 4.97 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 97 | | 30-150 | A |
| DCAA | 87 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2442339
**Report Date:** 08/06/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 08/02/24 15:55
Analyst: JAG

Extraction Method: EPA 3540C
Extraction Date: 08/01/24 14:55
Cleanup Method: EPA 3620B
Cleanup Date: 08/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/02/24

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03 Batch: WG1954292-1 | | | | | | |
| Delta-BHC | ND | | ug/kg | 4.02 | 0.787 | A |
| Lindane | ND | | ug/kg | 1.68 | 0.749 | A |
| Alpha-BHC | ND | | ug/kg | 1.68 | 0.476 | A |
| Beta-BHC | ND | | ug/kg | 4.02 | 1.52 | A |
| Heptachlor | ND | | ug/kg | 2.01 | 0.901 | A |
| Aldrin | ND | | ug/kg | 4.02 | 1.42 | A |
| Heptachlor epoxide | ND | | ug/kg | 7.54 | 2.26 | A |
| Endrin | ND | | ug/kg | 1.68 | 0.687 | A |
| Endrin aldehyde | ND | | ug/kg | 5.02 | 1.76 | A |
| Endrin ketone | ND | | ug/kg | 4.02 | 1.04 | A |
| Dieldrin | ND | | ug/kg | 2.51 | 1.26 | A |
| 4,4'-DDE | ND | | ug/kg | 4.02 | 0.930 | A |
| 4,4'-DDD | ND | | ug/kg | 4.02 | 1.43 | A |
| 4,4'-DDT | ND | | ug/kg | 4.02 | 3.23 | A |
| Endosulfan I | ND | | ug/kg | 4.02 | 0.950 | A |
| Endosulfan II | ND | | ug/kg | 4.02 | 1.34 | A |
| Endosulfan sulfate | ND | | ug/kg | 1.68 | 0.797 | A |
| Methoxychlor | ND | | ug/kg | 7.54 | 2.34 | A |
| Toxaphene | ND | | ug/kg | 75.4 | 21.1 | A |
| cis-Chlordane | ND | | ug/kg | 5.02 | 1.40 | A |
| trans-Chlordane | ND | | ug/kg | 5.02 | 1.33 | A |
| Chlordane | ND | | ug/kg | 33.5 | 13.3 | A |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002
**Lab Number:** L2442339
**Report Date:** 08/06/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 08/02/24 15:55
Analyst: JAG

Extraction Method: EPA 3540C
Extraction Date: 08/01/24 14:55
Cleanup Method: EPA 3620B
Cleanup Date: 08/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/02/24

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03 Batch: WG1954292-1 | | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 92 | | 30-150 | A |
| Decachlorobiphenyl | 95 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 82 | | 30-150 | B |
| Decachlorobiphenyl | 111 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2442339
**Report Date:** 08/06/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 08/06/24 13:23
Analyst: JAG

Extraction Method: EPA 8151A
Extraction Date: 08/05/24 12:57

Methylation Date: 08/06/24 07:59

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Chlorinated Herbicides by GC - Westborough Lab for sample(s): 03 Batch: WG1955458-1 | | | | | | |
| 2,4-D | ND | | ug/kg | 164 | 10.3 | A |
| 2,4,5-T | ND | | ug/kg | 164 | 5.09 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 164 | 4.37 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 109 | | 30-150 | A |
| DCAA | 117 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2442339

**Report Date:** 08/06/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03 Batch: WG1954292-2 WG1954292-3 | | | | | | | | | |
| Delta-BHC | 93 | | 89 | | 30-150 | 4 | | 30 | A |
| Lindane | 84 | | 81 | | 30-150 | 4 | | 30 | A |
| Alpha-BHC | 88 | | 85 | | 30-150 | 3 | | 30 | A |
| Beta-BHC | 106 | | 103 | | 30-150 | 3 | | 30 | A |
| Heptachlor | 88 | | 85 | | 30-150 | 3 | | 30 | A |
| Aldrin | 89 | | 86 | | 30-150 | 3 | | 30 | A |
| Heptachlor epoxide | 86 | | 83 | | 30-150 | 4 | | 30 | A |
| Endrin | 97 | | 94 | | 30-150 | 3 | | 30 | A |
| Endrin aldehyde | 95 | | 93 | | 30-150 | 2 | | 30 | A |
| Endrin ketone | 99 | | 96 | | 30-150 | 3 | | 30 | A |
| Dieldrin | 101 | | 97 | | 30-150 | 4 | | 30 | A |
| 4,4'-DDE | 99 | | 94 | | 30-150 | 5 | | 30 | A |
| 4,4'-DDD | 102 | | 98 | | 30-150 | 4 | | 30 | A |
| 4,4'-DDT | 110 | | 109 | | 30-150 | 1 | | 30 | A |
| Endosulfan I | 97 | | 90 | | 30-150 | 7 | | 30 | A |
| Endosulfan II | 96 | | 93 | | 30-150 | 3 | | 30 | A |
| Endosulfan sulfate | 109 | | 106 | | 30-150 | 3 | | 30 | A |
| Methoxychlor | 119 | | 115 | | 30-150 | 3 | | 30 | A |
| cis-Chlordane | 107 | | 101 | | 30-150 | 6 | | 30 | A |
| trans-Chlordane | 113 | | 109 | | 30-150 | 4 | | 30 | A |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2442339

**Report Date:** 08/06/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03 Batch: WG1954292-2 WG1954292-3 | | | | | | | | |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 94 | | 90 | | 30-150 | A |
| Decachlorobiphenyl | 101 | | 97 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 82 | | 80 | | 30-150 | B |
| Decachlorobiphenyl | 113 | | 110 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2442339

**Report Date:** 08/06/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 03 Batch: WG1955458-2 WG1955458-3 | | | | | | | | | |
| 2,4-D | 103 | | 116 | | 30-150 | 12 | | 30 | A |
| 2,4,5-T | 107 | | 124 | | 30-150 | 15 | | 30 | A |
| 2,4,5-TP (Silvex) | 95 | | 113 | | 30-150 | 17 | | 30 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| DCAA | 94 | | 106 | | 30-150 | A |
| DCAA | 110 | | 122 | | 30-150 | B |

# METALS

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2442339

**Project Number:** 100.002 **Report Date:** 08/06/24

## SAMPLE RESULTS

Lab ID: L2442339-03 Date Collected: 07/26/24 11:30

Client ID: LAGOON-SW-W-07 Date Received: 07/26/24

Sample Location: 2266 MILITARY RD Field Prep: Not Specified

Sample Depth:

Matrix: Solid

Percent Solids: 88%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 8360 | | mg/kg | 8.70 | 2.35 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Antimony, Total | ND | | mg/kg | 4.35 | 0.330 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Arsenic, Total | 3.90 | | mg/kg | 0.870 | 0.181 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Barium, Total | 106 | | mg/kg | 0.870 | 0.151 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Beryllium, Total | 0.452 | | mg/kg | 0.435 | 0.029 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Cadmium, Total | 0.168 | J | mg/kg | 0.870 | 0.085 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Calcium, Total | 62600 | | mg/kg | 8.70 | 3.04 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Chromium, Total | 13.7 | | mg/kg | 0.870 | 0.084 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Cobalt, Total | 7.34 | | mg/kg | 1.74 | 0.144 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Copper, Total | 32.5 | | mg/kg | 0.870 | 0.224 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Iron, Total | 17200 | | mg/kg | 4.35 | 0.785 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Lead, Total | 19.9 | | mg/kg | 4.35 | 0.233 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Magnesium, Total | 18300 | | mg/kg | 8.70 | 1.34 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Manganese, Total | 538 | | mg/kg | 0.870 | 0.138 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Mercury, Total | ND | | mg/kg | 0.073 | 0.047 | 1 | 07/30/24 11:30 | 08/01/24 18:25 | EPA 7471B | 1,7471B | MJR |
| Nickel, Total | 17.5 | | mg/kg | 2.17 | 0.210 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Potassium, Total | 1000 | | mg/kg | 217 | 12.5 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Selenium, Total | ND | | mg/kg | 1.74 | 0.224 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Silver, Total | ND | | mg/kg | 0.435 | 0.246 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Sodium, Total | 127 | J | mg/kg | 174 | 2.74 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Thallium, Total | ND | | mg/kg | 1.74 | 0.274 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Vanadium, Total | 20.6 | | mg/kg | 0.870 | 0.176 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |
| Zinc, Total | 69.9 | | mg/kg | 4.35 | 0.255 | 2 | 07/30/24 10:45 | 08/01/24 18:12 | EPA 3050B | 1,6010D | JMF |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2442339

**Project Number:** 100.002 **Report Date:** 08/06/24

# Method Blank Analysis
# Batch Quality Control

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab for sample(s): 03 Batch: WG1952973-1 | | | | | | | | | | |
| Aluminum, Total | ND | | mg/kg | 4.00 | 1.08 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Antimony, Total | ND | | mg/kg | 2.00 | 0.152 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Arsenic, Total | ND | | mg/kg | 0.400 | 0.083 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Barium, Total | ND | | mg/kg | 0.400 | 0.070 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Beryllium, Total | ND | | mg/kg | 0.200 | 0.013 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Cadmium, Total | ND | | mg/kg | 0.400 | 0.039 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Calcium, Total | ND | | mg/kg | 4.00 | 1.40 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Chromium, Total | ND | | mg/kg | 0.400 | 0.038 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Cobalt, Total | ND | | mg/kg | 0.800 | 0.066 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Copper, Total | 0.130 | J | mg/kg | 0.400 | 0.103 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Iron, Total | 0.816 | J | mg/kg | 2.00 | 0.361 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Lead, Total | ND | | mg/kg | 2.00 | 0.107 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Magnesium, Total | ND | | mg/kg | 4.00 | 0.616 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Manganese, Total | ND | | mg/kg | 0.400 | 0.064 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Nickel, Total | ND | | mg/kg | 1.00 | 0.097 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Potassium, Total | ND | | mg/kg | 100 | 5.76 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Selenium, Total | ND | | mg/kg | 0.800 | 0.103 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Silver, Total | ND | | mg/kg | 0.200 | 0.113 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Sodium, Total | ND | | mg/kg | 80.0 | 1.26 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Thallium, Total | ND | | mg/kg | 0.800 | 0.126 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Vanadium, Total | ND | | mg/kg | 0.400 | 0.081 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |
| Zinc, Total | ND | | mg/kg | 2.00 | 0.117 | 1 | 07/30/24 10:45 | 08/01/24 17:56 | 1,6010D | JMF |

**Prep Information**

Digestion Method: EPA 3050B

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab for sample(s): 03 Batch: WG1952977-1 | | | | | | | | | | |
| Mercury, Total | ND | | mg/kg | 0.083 | 0.054 | 1 | 07/30/24 11:30 | 08/01/24 17:43 | 1,7471B | MJR |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002
**Lab Number:** L2442339
**Report Date:** 08/06/24

# Method Blank Analysis
# Batch Quality Control

**Prep Information**

Digestion Method: EPA 7471B

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2442339

**Report Date:** 08/06/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 03 Batch: WG1952973-2 | | | | | | | | |
| Aluminum, Total | 105 | | - | | 80-120 | - | | |
| Antimony, Total | 108 | | - | | 80-120 | - | | |
| Arsenic, Total | 101 | | - | | 80-120 | - | | |
| Barium, Total | 105 | | - | | 80-120 | - | | |
| Beryllium, Total | 109 | | - | | 80-120 | - | | |
| Cadmium, Total | 108 | | - | | 80-120 | - | | |
| Calcium, Total | 108 | | - | | 80-120 | - | | |
| Chromium, Total | 107 | | - | | 80-120 | - | | |
| Cobalt, Total | 109 | | - | | 80-120 | - | | |
| Copper, Total | 111 | | - | | 80-120 | - | | |
| Iron, Total | 109 | | - | | 80-120 | - | | |
| Lead, Total | 104 | | - | | 80-120 | - | | |
| Magnesium, Total | 107 | | - | | 80-120 | - | | |
| Manganese, Total | 107 | | - | | 80-120 | - | | |
| Nickel, Total | 110 | | - | | 80-120 | - | | |
| Potassium, Total | 107 | | - | | 80-120 | - | | |
| Selenium, Total | 105 | | - | | 80-120 | - | | |
| Silver, Total | 106 | | - | | 80-120 | - | | |
| Sodium, Total | 111 | | - | | 80-120 | - | | |
| Thallium, Total | 102 | | - | | 80-120 | - | | |
| Vanadium, Total | 111 | | - | | 80-120 | - | | |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2442339

**Report Date:** 08/06/24

| Parameter | LCS %Recovery | LCSD %Recovery | %Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 03 Batch: WG1952973-2 | | | | | |
| Zinc, Total | 110 | - | 80-120 | - | |
| Total Metals - Mansfield Lab Associated sample(s): 03 Batch: WG1952977-2 | | | | | |
| Mercury, Total | 83 | - | 80-120 | - | |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2442339
**Report Date:** 08/06/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1952973-3 QC Sample: L2442181-01 Client ID: MS Sample | | | | | | | | | | | | |
| Aluminum, Total | 5450 | 168 | 6240 | **469** | Q | - | - | | 75-125 | - | | 20 |
| Antimony, Total | 1.03J | 42.1 | 33.9 | 80 | | - | - | | 75-125 | - | | 20 |
| Arsenic, Total | 13.2 | 10.1 | 23.3 | 100 | | - | - | | 75-125 | - | | 20 |
| Barium, Total | 85.8 | 168 | 248 | 96 | | - | - | | 75-125 | - | | 20 |
| Beryllium, Total | 0.640 | 4.21 | 4.91 | 101 | | - | - | | 75-125 | - | | 20 |
| Cadmium, Total | 0.140J | 4.47 | 4.23 | 95 | | - | - | | 75-125 | - | | 20 |
| Calcium, Total | 4030 | 843 | 4800 | 91 | | - | - | | 75-125 | - | | 20 |
| Chromium, Total | 15.6 | 16.8 | 30.5 | 88 | | - | - | | 75-125 | - | | 20 |
| Cobalt, Total | 10.3 | 42.1 | 48.9 | 92 | | - | - | | 75-125 | - | | 20 |
| Copper, Total | 19.7 | 21.1 | 42.1 | 106 | | - | - | | 75-125 | - | | 20 |
| Iron, Total | 35400 | 84.3 | 30300 | **0** | Q | - | - | | 75-125 | - | | 20 |
| Lead, Total | 62.3 | 44.7 | 145 | **185** | Q | - | - | | 75-125 | - | | 20 |
| Magnesium, Total | 1330 | 843 | 2180 | 101 | | - | - | | 75-125 | - | | 20 |
| Manganese, Total | 976 | 42.1 | 718 | **0** | Q | - | - | | 75-125 | - | | 20 |
| Nickel, Total | 16.1 | 42.1 | 56.3 | 95 | | - | - | | 75-125 | - | | 20 |
| Potassium, Total | 446 | 843 | 1270 | 98 | | - | - | | 75-125 | - | | 20 |
| Selenium, Total | ND | 10.1 | 9.93 | 98 | | - | - | | 75-125 | - | | 20 |
| Silver, Total | ND | 4.21 | 4.09 | 97 | | - | - | | 75-125 | - | | 20 |
| Sodium, Total | 249 | 843 | 1120 | 103 | | - | - | | 75-125 | - | | 20 |
| Thallium, Total | ND | 10.1 | 8.37 | 83 | | - | - | | 75-125 | - | | 20 |
| Vanadium, Total | 20.9 | 42.1 | 61.3 | 96 | | - | - | | 75-125 | - | | 20 |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2442339
**Report Date:** 08/06/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | MSD Found | MSD %Recovery | Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1952973-3 QC Sample: L2442181-01 Client ID: MS Sample | | | | | | | | | |
| Zinc, Total | 56.4 | 42.1 | 106 | 118 | - | - | 75-125 | - | 20 |
| Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1952977-3 QC Sample: L2442181-01 Client ID: MS Sample | | | | | | | | | |
| Mercury, Total | 0.120 | 1.39 | 1.41 | 92 | - | - | 80-120 | - | 20 |

# Lab Duplicate Analysis
*Batch Quality Control*

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

***Lab Number:*** L2442339
***Report Date:*** 08/06/24

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1952973-4 QC Sample: L2442181-01 Client ID: DUP Sample | | | | | | |
| Aluminum, Total | 5450 | 6250 | mg/kg | 14 | | 20 |
| Antimony, Total | 1.03J | 0.628J | mg/kg | NC | | 20 |
| Arsenic, Total | 13.2 | 10.4 | mg/kg | **24** | Q | 20 |
| Barium, Total | 85.8 | 85.6 | mg/kg | 0 | | 20 |
| Beryllium, Total | 0.640 | 0.594 | mg/kg | 7 | | 20 |
| Cadmium, Total | 0.140J | 0.120J | mg/kg | NC | | 20 |
| Chromium, Total | 15.6 | 14.2 | mg/kg | 9 | | 20 |
| Cobalt, Total | 10.3 | 11.2 | mg/kg | 8 | | 20 |
| Copper, Total | 19.7 | 17.6 | mg/kg | 11 | | 20 |
| Iron, Total | 35400 | 27600 | mg/kg | **25** | Q | 20 |
| Lead, Total | 62.3 | 39.4 | mg/kg | **45** | Q | 20 |
| Manganese, Total | 976 | 769 | mg/kg | **24** | Q | 20 |
| Nickel, Total | 16.1 | 17.7 | mg/kg | 9 | | 20 |
| Selenium, Total | ND | ND | mg/kg | NC | | 20 |
| Silver, Total | ND | ND | mg/kg | NC | | 20 |
| Thallium, Total | ND | ND | mg/kg | NC | | 20 |
| Vanadium, Total | 20.9 | 18.1 | mg/kg | 14 | | 20 |
| Zinc, Total | 56.4 | 54.1 | mg/kg | 4 | | 20 |

# Lab Duplicate Analysis

***Batch Quality Control***

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

***Lab Number:*** L2442339

***Report Date:*** 08/06/24

| Parameter | Native Sample | Duplicate Sample | Units | RPD | | RPD Limits |
|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1952977-4 QC Sample: L2442181-01 Client ID: DUP Sample | | | | | | |
| Mercury, Total | 0.120 | 0.319 | mg/kg | **91** | Q | 20 |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

# Lab Serial Dilution Analysis
**Batch Quality Control**

**Lab Number:** L2442339
**Report Date:** 08/06/24

| Parameter | Native Sample | Serial Dilution | Units | % D | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1952973-6 QC Sample: L2442181-01 Client ID: DUP Sample | | | | | | |
| Aluminum, Total | 5450 | 5490 | mg/kg | 1 | | 20 |
| Barium, Total | 85.8 | 86.1 | mg/kg | 0 | | 20 |
| Iron, Total | 35400 | 39900 | mg/kg | 13 | | 20 |
| Manganese, Total | 976 | 1020 | mg/kg | 5 | | 20 |

# INORGANICS
# &
# MISCELLANEOUS

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002
**Lab Number:** L2442339
**Report Date:** 08/06/24

## SAMPLE RESULTS

Lab ID: L2442339-03
Client ID: LAGOON-SW-W-07
Sample Location: 2266 MILITARY RD
Sample Depth:
Matrix: Solid

Date Collected: 07/26/24 11:30
Date Received: 07/26/24
Field Prep: Not Specified

### Test Material Information

| | |
|---|---|
| Source of Material: | Unknown |
| Description of Material: | Non-Metallic - Damp Soil |
| Particle Size: | Medium |
| Preliminary Burning Time (sec): | 120 |

| Parameter | Result | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|
| Ignitability of Solids - Westborough Lab | | | | |
| Ignitability | NI | 08/01/24 16:17 | 1,1030 | GEF |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2442339
**Report Date:** 08/06/24

## SAMPLE RESULTS

Lab ID: L2442339-01
Client ID: CEMENT-PIPE-WEST WALL
Sample Location: 2266 MILITARY RD

Date Collected: 07/26/24 10:10
Date Received: 07/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Solid

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 67.8 | | % | 0.100 | NA | 1 | - | 07/30/24 09:01 | 121,2540G | ROI |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002
**Lab Number:** L2442339
**Report Date:** 08/06/24

## SAMPLE RESULTS

Lab ID: L2442339-02
Client ID: LAGOON-LIQUID-01
Sample Location: 2266 MILITARY RD
Date Collected: 07/26/24 11:35
Date Received: 07/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Oil
Percent Solids: Results reported on an 'AS RECEIVED' basis.

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Cyanide, Total | ND | | mg/kg | 0.99 | 0.23 | 1 | 08/04/24 11:25 | 08/05/24 15:06 | 1,9010C/9012B | JER |
| pH (H) | 6.34 | | SU | - | NA | 1 | - | 07/30/24 19:35 | 1,9045D | AAS |
| Flash Point | >150 | | deg F | 70 | NA | 1 | - | 07/30/24 13:30 | 1,1010A | JBB |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2442339
**Report Date:** 08/06/24

## SAMPLE RESULTS

Lab ID: L2442339-03
Client ID: LAGOON-SW-W-07
Sample Location: 2266 MILITARY RD

Date Collected: 07/26/24 11:30
Date Received: 07/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Solid

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 88.3 | | % | 0.100 | NA | 1 | - | 07/30/24 09:01 | 121,2540G | ROI |
| Cyanide, Total | ND | | mg/kg | 1.1 | 0.23 | 1 | 08/04/24 11:25 | 08/05/24 15:07 | 1,9010C/9012B | JER |
| pH (H) | 7.99 | | SU | - | NA | 1 | - | 07/30/24 19:35 | 1,9045D | AAS |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2442339

**Project Number:** 100.002 **Report Date:** 08/06/24

# Method Blank Analysis
## Batch Quality Control

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab for sample(s): 02-03 Batch: WG1955070-1 | | | | | | | | | | |
| Cyanide, Total | ND | | mg/kg | 0.93 | 0.20 | 1 | 08/04/24 11:25 | 08/05/24 15:00 | 1,9010C/9012B | JER |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2442339

**Report Date:** 08/06/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 02 Batch: WG1953310-1 | | | | | | | | |
| Flash Point | 99 | | - | | 96-104 | - | | |
| General Chemistry - Westborough Lab Associated sample(s): 02-03 Batch: WG1953368-1 | | | | | | | | |
| pH | 100 | | - | | 99-101 | - | | |
| General Chemistry - Westborough Lab Associated sample(s): 02-03 Batch: WG1955070-2 WG1955070-3 | | | | | | | | |
| Cyanide, Total | 90 | | 86 | | 80-120 | 5 | | 35 |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2442339
**Report Date:** 08/06/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 02-03 QC Batch ID: WG1955070-4 WG1955070-5 QC Sample: L2442510-01 Client ID: MS Sample | | | | | | | | | | | | |
| Cyanide, Total | ND | 11 | 12 | 100 | | 12 | 100 | | 75-125 | 18 | | 35 |
| General Chemistry - Westborough Lab Associated sample(s): 02-03 QC Batch ID: WG1955070-6 WG1955070-7 QC Sample: L2442540-03 Client ID: MS Sample | | | | | | | | | | | | |
| Cyanide, Total | ND | 10 | 10 | 96 | | 11 | 100 | | 75-125 | 10 | | 35 |

# Lab Duplicate Analysis

***Batch Quality Control***

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

***Lab Number:*** L2442339

***Report Date:*** 08/06/24

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01,03 QC Batch ID: WG1953018-1 QC Sample: L2442373-01 Client ID: DUP Sample | | | | | | |
| Solids, Total | 85.9 | 85.9 | % | 0 | | 20 |
| General Chemistry - Westborough Lab Associated sample(s): 02-03 QC Batch ID: WG1953368-2 QC Sample: L2441249-01 Client ID: DUP Sample | | | | | | |
| pH | 8.40 | 8.46 | SU | 1 | | 5 |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2442339
**Report Date:** 08/06/24

## Sample Receipt and Container Information

Were project specific reporting limits specified? YES

### Cooler Information

| Cooler | Custody Seal |
|---|---|
| A | Absent |

### Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2442339-01A | Vial Large Septa unpreserved (4oz) | A | NA | | 2.6 | Y | Absent | | TCLP-EXT-ZHE(14),TS(7),NYTCL-8082(365) |
| L2442339-01S | Vial unpreserved Extracts | A | NA | | 2.6 | Y | Absent | | TCLP-VOA(14) |
| L2442339-01T | Vial unpreserved Extracts | A | NA | | 2.6 | Y | Absent | | TCLP-VOA(14) |
| L2442339-01X | Amber 1000ml unpreserved Extracts | A | NA | | 2.6 | Y | Absent | | TCLP-8270(14) |
| L2442339-01X9 | Tumble Vessel | NA | NA | | | Y | Absent | | - |
| L2442339-02A | Glass 250ml/8oz unpreserved | A | NA | | 2.6 | Y | Absent | | TCN-9010(14),FLASH(),PH-9045(1),NYTCL-8260(14),NYTCL-8082(365) |
| L2442339-02W | Amber 1000ml unpreserved Extracts | A | NA | | 2.6 | Y | Absent | | TCLP-8270(14) |
| L2442339-02X | Vial MeOH preserved split | A | NA | | 2.6 | Y | Absent | | NYTCL-8260(14) |
| L2442339-02X9 | Tumble Vessel | NA | NA | | | Y | Absent | | - |
| L2442339-02Y | Vial unpreserved split | A | NA | | 2.6 | Y | Absent | | NYTCL-8260(14) |
| L2442339-02Z | Vial unpreserved split | A | NA | | 2.6 | Y | Absent | | NYTCL-8260(14) |
| L2442339-03A | Vial Large Septa unpreserved (4oz) | A | NA | | 2.6 | Y | Absent | | TCLP-EXT-ZHE(14) |
| L2442339-03B | Glass 250ml/8oz unpreserved | A | NA | | 2.6 | Y | Absent | | TCN-9010(14),IGNIT-1030(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(365) |
| L2442339-03S | Vial unpreserved Extracts | A | NA | | 2.6 | Y | Absent | | TCLP-VOA(14) |
| L2442339-03T | Vial unpreserved Extracts | A | NA | | 2.6 | Y | Absent | | TCLP-VOA(14) |
| L2442339-03X | Glass 60ml unpreserved split | A | NA | | 2.6 | Y | Absent | | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180) |
| L2442339-03X9 | Tumble Vessel | NA | NA | | | Y | Absent | | - |
| L2442339-03Y | Amber 1000ml unpreserved Extracts | NA | NA | | | Y | Absent | | TCLP-8270(14) |



*Values in parentheses indicate holding time in days

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2442339 |
| **Project Number:** | 100.002 | **Report Date:** | 08/06/24 |

## GLOSSARY

***Acronyms***

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

*Report Format: DU Report with 'J' Qualifiers*

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2442339 |
| **Project Number:** | 100.002 | **Report Date:** | 08/06/24 |

***Footnotes***

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

***Terms***

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

***Data Qualifiers***

**A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

**B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

**C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

**D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

**E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

**F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

**G** - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

**H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

**I** - The lower value for the two columns has been reported due to obvious interference.

**J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

*Report Format: DU Report with 'J' Qualifiers*

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2442339 |
| **Project Number:** | 100.002 | **Report Date:** | 08/06/24 |

***Data Qualifiers***

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

**M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

**ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

**NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

**P** - The RPD between the results for the two columns exceeds the method-specified criteria.

**Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

**R** - Analytical results are from sample re-analysis.

**RE** - Analytical results are from sample re-extraction.

**S** - Analytical results are from modified screening analysis.

**V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

**Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2442339 |
| **Project Number:** | 100.002 | **Report Date:** | 08/06/24 |

## REFERENCES


1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.


## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

# Certification Information

**The following analytes are not included in our Primary NELAP Scope of Accreditation:**

**Westborough Facility**
**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene
**EPA 625.1:** alpha-Terpineol
**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
**EPA 8270E:** NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
**SM4500**: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

**Mansfield Facility**
**SM 2540D:** TSS.
**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
**Nonpotable Water: EPA RSK-175 Dissolved Gases**
**Biological Tissue Matrix:** EPA 3050B

**The following analytes are included in our Massachusetts DEP Scope of Accreditation**

**Westborough Facility:**

***Drinking Water***
**EPA 300.0**: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
**EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
**Microbiology**: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

***Non-Potable Water***
**SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
**EPA 624.1**: Volatile Halocarbons & Aromatics,
**EPA 608.3**: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
**EPA 625.1**: SVOC (Acid/Base/Neutral Extractables).
**Microbiology**: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

**Mansfield Facility:**

***Drinking Water***
**EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
**EPA 522, EPA 537.1.**

***Non-Potable Water***
**EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
**EPA 200.8:** Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
**EPA 245.1** Hg.
**SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

Serial_No:08062419:16

L2442339 02AUG24
LEADERPRO

# NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

**Service Centers**
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab 7/27/24

**Project Information**
Project Name: Bisonite paint CO.
Project Location: 22616 military Rd
Project # 100-002
(Use Project name as Project #) ☐
Project Manager: Bruce Ahrens
ALPHAQuote #:

**Turn-Around Time**
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

**Client Information**
Client: marsh/Leader
Address: 271 marsh Rd. Suite 2
Pittsford, NY 14534
Phone: 585-249-2413
Fax:
Email: BAHRENS@leaderlink.com

**Deliverables**
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

**Billing Information**
☒ Same as Client Info
PO #

**Regulatory Requirement**
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

**Disposal Site Information**
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☒ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

**Other project specific requirements/comments:**

**Please specify Metals or TAL.**

**ANALYSIS**

**Sample Filtration**
☐ Done
☒ Lab to do
**Preservation**
☐ Lab to do
*(Please Specify below)*

| ALPHA Lab ID (Lab Use Only) | Sample ID | Collection Date | Collection Time | Sample Matrix | Sampler's Initials | TCL VOCs 8260 | TCL SVOCs 8270 | PCBs | Corrosivity | Ignitability | PH | TAL metals, total cyanide | TAL Metals, TCL Herbicides and Pests | Sample Specific Comments | Total Bottles |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42339 -01 | Cement-Pipe-West wall | 7/26/24 | 10:10 | Soil | ES | X | X | X | | | | | | | 1 |
| -02 | lagoon-liquid-01 | 7/22/24 | 11:35 | water | ES | X | X | X | X | X | X | X | | | 1 |
| -03 | lagoon-SW-W-07 | 7/26/24 | 11:30 | Soil | ES | X | X | X | X | X | X | X | X | | 2 |

Preservative Code:
A = None
B = HCl
C = $HNO_3$
D = $H_2SO_4$
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Container Type | | | | | | | | |
| Preservative | A | A | A | A | A | A | A | |

| Relinquished By: | Date/Time | Received By: | Date/Time |
|---|---|---|---|
| [illegible] | 7/26/24 15:24 | W/MOT PACK | 7/26/24 15:24 |
| W/MOT PACK | 7/26/24 15:24 | Rocket S/C PACK | 7/26/24 15:27 |
| ~~Rocket S/C PACK~~ | ~~7/26/24 2200~~ | ~~[illegible]~~ | ~~7/26/24 2200~~ |
| [illegible] | 7-27-24 0120 | [illegible] | 7-26-24 2200 |
| [illegible] | 7-27-24 0120 | [illegible] | 7/27 1:20 |

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

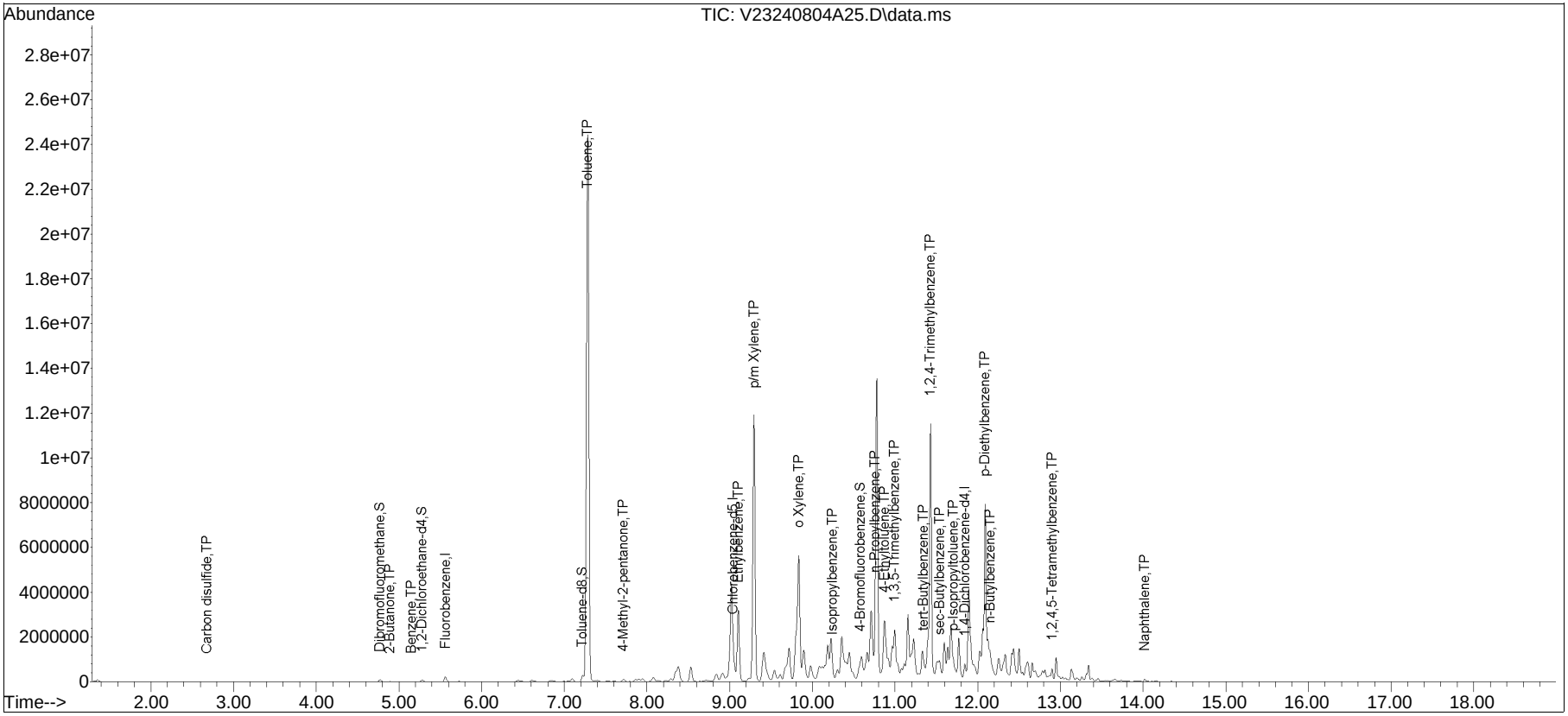
Form No: 01-25 HC (rev. 30-Sept-2013)

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2024\240804A\
Data File : V23240804A25.D
Acq On : 04 Aug 2024 10:43 pm
Operator : VOA123:JIC
Sample : L2442339-02D,31,1.04,10,0.002,,X
Misc : WG1955237,ICAL21195
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 05 08:06:54 2024
Quant Method : K:\VOA123\2024\240804A\V123_240613N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jun 14 13:51:37 2024
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox240804A01.D•



# ANALYTICAL REPORT

| | |
|---|---|
| Lab Number: | L2447323 |
| Client: | Leader Professional Services, Inc.<br>271 Marsh Road, Suite 2<br>Pittsford, NY 14534 |
| ATTN: | Bruce Ahrens |
| Phone: | (585) 248-2413 |
| Project Name: | BISONITE PAINT CO. |
| Project Number: | 100.002 |
| Report Date: | 08/21/24 |

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447323
**Report Date:** 08/21/24

| Alpha Sample ID | Client ID | Matrix | Sample Location | Collection Date/Time | Receive Date |
|---|---|---|---|---|---|
| L2447323-01 | LAGOON-SW-N7 | SOIL | 2266 MILITARY RD., TONAWANDA, NY | 08/20/24 11:30 | 08/20/24 |
| L2447323-02 | DUPE-LAGOON | SOIL | 2266 MILITARY RD., TONAWANDA, NY | 08/20/24 11:40 | 08/20/24 |

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2447323 |
| **Project Number:** | 100.002 | **Report Date:** | 08/21/24 |

## Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2447323 |
| **Project Number:** | 100.002 | **Report Date:** | 08/21/24 |

**Case Narrative (continued)**

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2447323-01 and -02: The sample was received in an inappropriate container for the Volatile Organics. At the client's request, the analysis was not performed.

L2447323-01 and -02: The analysis of Semivolatile Organics was performed at the client's request.

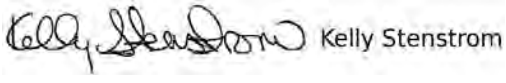
Total Metals

L2447323-01 and -02: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1961864-3/-4 MS/MSD recoveries for aluminum (0%/17%), calcium (933%/493%), iron (4440%/4810%), magnesium (MS 466%), and manganese (175%/167%), performed on L2447323-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1961864-3/-4 MS/MSD recoveries, performed on L2447323-01, are outside the acceptance criteria for barium (72%/74%), cobalt (MS 74%), lead (MSD 66%), selenium (MS 74%), and zinc (MS 70%). A post digestion spike was performed and was within acceptance criteria.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Kelly Stenstrom

Title: Technical Director/Representative Date: 08/21/24

# ORGANICS

# SEMIVOLATILES

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447323

**Project Number:** 100.002 **Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447323-01
Client ID: LAGOON-SW-N7
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/20/24 11:30
Date Received: 08/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/21/24 12:19
Analyst: IM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 08/21/24 05:25

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 140 | 19. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 110 | 20. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 160 | 25. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 180 | 18. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 180 | 48. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 180 | 36. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 180 | 31. | 1 |
| Fluoranthene | ND | | ug/kg | 110 | 21. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 180 | 19. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 220 | 31. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 200 | 18. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 180 | 27. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 520 | 160 | 1 |
| Hexachloroethane | ND | | ug/kg | 140 | 29. | 1 |
| Isophorone | ND | | ug/kg | 160 | 24. | 1 |
| Naphthalene | ND | | ug/kg | 180 | 22. | 1 |
| Nitrobenzene | ND | | ug/kg | 160 | 27. | 1 |
| NDPA/DPA | ND | | ug/kg | 140 | 21. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 180 | 63. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 180 | 46. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 180 | 34. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 180 | 62. | 1 |
| Diethyl phthalate | ND | | ug/kg | 180 | 17. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 180 | 38. | 1 |
| Benzo(a)anthracene | ND | | ug/kg | 110 | 20. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 140 | 44. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447323

**Project Number:** 100.002 **Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447323-01 Date Collected: 08/20/24 11:30

Client ID: LAGOON-SW-N7 Date Received: 08/20/24

Sample Location: 2266 MILITARY RD., TONAWANDA, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | ND | | ug/kg | 110 | 31. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 110 | 29. | 1 |
| Chrysene | ND | | ug/kg | 110 | 19. | 1 |
| Acenaphthylene | ND | | ug/kg | 140 | 28. | 1 |
| Anthracene | ND | | ug/kg | 110 | 36. | 1 |
| Benzo(ghi)perylene | ND | | ug/kg | 140 | 21. | 1 |
| Fluorene | ND | | ug/kg | 180 | 18. | 1 |
| Phenanthrene | ND | | ug/kg | 110 | 22. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 110 | 21. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 140 | 25. | 1 |
| Pyrene | ND | | ug/kg | 110 | 18. | 1 |
| Biphenyl | ND | | ug/kg | 420 | 24. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 180 | 33. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 180 | 35. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 180 | 34. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 180 | 75. | 1 |
| Dibenzofuran | ND | | ug/kg | 180 | 17. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 220 | 22. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 180 | 19. | 1 |
| Acetophenone | ND | | ug/kg | 180 | 22. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 110 | 34. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 180 | 27. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 180 | 22. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 160 | 29. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 180 | 60. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 390 | 68. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 250 | 74. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 870 | 85. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 470 | 87. | 1 |
| Pentachlorophenol | ND | | ug/kg | 140 | 40. | 1 |
| Phenol | ND | | ug/kg | 180 | 27. | 1 |
| 2-Methylphenol | ND | | ug/kg | 180 | 28. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 260 | 28. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 180 | 35. | 1 |
| Carbazole | ND | | ug/kg | 180 | 18. | 1 |
| Atrazine | ND | | ug/kg | 140 | 64. | 1 |
| Benzaldehyde | ND | | ug/kg | 240 | 49. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447323

**Project Number:** 100.002 **Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447323-01 Date Collected: 08/20/24 11:30

Client ID: LAGOON-SW-N7 Date Received: 08/20/24

Sample Location: 2266 MILITARY RD., TONAWANDA, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 180 | 55. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 180 | 37. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 70 | | 25-120 |
| Phenol-d6 | 71 | | 10-120 |
| Nitrobenzene-d5 | 67 | | 23-120 |
| 2-Fluorobiphenyl | 66 | | 30-120 |
| 2,4,6-Tribromophenol | 74 | | 10-136 |
| 4-Terphenyl-d14 | 69 | | 18-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447323

**Project Number:** 100.002 **Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447323-02
Client ID: DUPE-LAGOON
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/20/24 11:40
Date Received: 08/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/21/24 13:27
Analyst: IM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 08/21/24 05:25

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 150 | 19. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 110 | 21. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 170 | 25. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 190 | 18. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 190 | 50. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 190 | 37. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 190 | 32. | 1 |
| Fluoranthene | 28 | J | ug/kg | 110 | 21. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 190 | 20. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 190 | 28. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 220 | 32. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 200 | 19. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 190 | 27. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 530 | 170 | 1 |
| Hexachloroethane | ND | | ug/kg | 150 | 30. | 1 |
| Isophorone | ND | | ug/kg | 170 | 24. | 1 |
| Naphthalene | ND | | ug/kg | 190 | 23. | 1 |
| Nitrobenzene | ND | | ug/kg | 170 | 28. | 1 |
| NDPA/DPA | ND | | ug/kg | 150 | 21. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 190 | 29. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 190 | 64. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 190 | 47. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 190 | 35. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 190 | 63. | 1 |
| Diethyl phthalate | ND | | ug/kg | 190 | 17. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 190 | 39. | 1 |
| Benzo(a)anthracene | ND | | ug/kg | 110 | 21. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 150 | 46. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447323

**Project Number:** 100.002 **Report Date:** 08/21/24

**SAMPLE RESULTS**

Lab ID: L2447323-02 Date Collected: 08/20/24 11:40

Client ID: DUPE-LAGOON Date Received: 08/20/24

Sample Location: 2266 MILITARY RD., TONAWANDA, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | ND | | ug/kg | 110 | 31. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 110 | 30. | 1 |
| Chrysene | ND | | ug/kg | 110 | 19. | 1 |
| Acenaphthylene | ND | | ug/kg | 150 | 29. | 1 |
| Anthracene | ND | | ug/kg | 110 | 36. | 1 |
| Benzo(ghi)perylene | ND | | ug/kg | 150 | 22. | 1 |
| Fluorene | ND | | ug/kg | 190 | 18. | 1 |
| Phenanthrene | ND | | ug/kg | 110 | 23. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 110 | 22. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 150 | 26. | 1 |
| Pyrene | 21 | J | ug/kg | 110 | 18. | 1 |
| Biphenyl | ND | | ug/kg | 420 | 24. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 190 | 34. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 190 | 36. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 190 | 35. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 190 | 77. | 1 |
| Dibenzofuran | ND | | ug/kg | 190 | 18. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 220 | 22. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 190 | 19. | 1 |
| Acetophenone | ND | | ug/kg | 190 | 23. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 110 | 35. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 190 | 28. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 190 | 22. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 170 | 30. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 190 | 62. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 400 | 70. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 260 | 76. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 900 | 87. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 480 | 90. | 1 |
| Pentachlorophenol | ND | | ug/kg | 150 | 41. | 1 |
| Phenol | ND | | ug/kg | 190 | 28. | 1 |
| 2-Methylphenol | ND | | ug/kg | 190 | 29. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 270 | 29. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 190 | 36. | 1 |
| Carbazole | ND | | ug/kg | 190 | 18. | 1 |
| Atrazine | ND | | ug/kg | 150 | 65. | 1 |
| Benzaldehyde | ND | | ug/kg | 250 | 50. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447323

**Project Number:** 100.002 **Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447323-02 Date Collected: 08/20/24 11:40

Client ID: DUPE-LAGOON Date Received: 08/20/24

Sample Location: 2266 MILITARY RD., TONAWANDA, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 190 | 57. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 190 | 38. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 76 | | 25-120 |
| Phenol-d6 | 76 | | 10-120 |
| Nitrobenzene-d5 | 72 | | 23-120 |
| 2-Fluorobiphenyl | 70 | | 30-120 |
| 2,4,6-Tribromophenol | 75 | | 10-136 |
| 4-Terphenyl-d14 | 70 | | 18-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447323

**Project Number:** 100.002 **Report Date:** 08/21/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/21/24 10:48
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 08/21/24 05:25

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1961858-1 | | | | | |
| Acenaphthene | ND | | ug/kg | 130 | 17. |
| Hexachlorobenzene | ND | | ug/kg | 99 | 18. |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 150 | 22. |
| 2-Chloronaphthalene | ND | | ug/kg | 160 | 16. |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 160 | 44. |
| 2,4-Dinitrotoluene | ND | | ug/kg | 160 | 33. |
| 2,6-Dinitrotoluene | ND | | ug/kg | 160 | 28. |
| Fluoranthene | ND | | ug/kg | 99 | 19. |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 160 | 18. |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 160 | 25. |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 200 | 28. |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 180 | 16. |
| Hexachlorobutadiene | ND | | ug/kg | 160 | 24. |
| Hexachlorocyclopentadiene | ND | | ug/kg | 470 | 150 |
| Hexachloroethane | ND | | ug/kg | 130 | 26. |
| Isophorone | ND | | ug/kg | 150 | 21. |
| Naphthalene | ND | | ug/kg | 160 | 20. |
| Nitrobenzene | ND | | ug/kg | 150 | 24. |
| NDPA/DPA | ND | | ug/kg | 130 | 19. |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 160 | 25. |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 160 | 57. |
| Butyl benzyl phthalate | ND | | ug/kg | 160 | 41. |
| Di-n-butylphthalate | ND | | ug/kg | 160 | 31. |
| Di-n-octylphthalate | ND | | ug/kg | 160 | 56. |
| Diethyl phthalate | ND | | ug/kg | 160 | 15. |
| Dimethyl phthalate | ND | | ug/kg | 160 | 34. |
| Benzo(a)anthracene | ND | | ug/kg | 99 | 18. |
| Benzo(a)pyrene | ND | | ug/kg | 130 | 40. |
| Benzo(b)fluoranthene | ND | | ug/kg | 99 | 28. |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447323

**Project Number:** 100.002 **Report Date:** 08/21/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/21/24 10:48
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 08/21/24 05:25

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1961858-1 | | | | | |
| Benzo(k)fluoranthene | ND | | ug/kg | 99 | 26. |
| Chrysene | ND | | ug/kg | 99 | 17. |
| Acenaphthylene | ND | | ug/kg | 130 | 25. |
| Anthracene | ND | | ug/kg | 99 | 32. |
| Benzo(ghi)perylene | ND | | ug/kg | 130 | 19. |
| Fluorene | ND | | ug/kg | 160 | 16. |
| Phenanthrene | ND | | ug/kg | 99 | 20. |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 99 | 19. |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 130 | 23. |
| Pyrene | ND | | ug/kg | 99 | 16. |
| Biphenyl | ND | | ug/kg | 370 | 21. |
| 4-Chloroaniline | ND | | ug/kg | 160 | 30. |
| 2-Nitroaniline | ND | | ug/kg | 160 | 32. |
| 3-Nitroaniline | ND | | ug/kg | 160 | 31. |
| 4-Nitroaniline | ND | | ug/kg | 160 | 68. |
| Dibenzofuran | ND | | ug/kg | 160 | 16. |
| 2-Methylnaphthalene | ND | | ug/kg | 200 | 20. |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 160 | 17. |
| Acetophenone | ND | | ug/kg | 160 | 20. |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 99 | 31. |
| p-Chloro-m-cresol | ND | | ug/kg | 160 | 24. |
| 2-Chlorophenol | ND | | ug/kg | 160 | 19. |
| 2,4-Dichlorophenol | ND | | ug/kg | 150 | 26. |
| 2,4-Dimethylphenol | ND | | ug/kg | 160 | 54. |
| 2-Nitrophenol | ND | | ug/kg | 360 | 62. |
| 4-Nitrophenol | ND | | ug/kg | 230 | 67. |
| 2,4-Dinitrophenol | ND | | ug/kg | 790 | 76. |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 430 | 79. |
| Pentachlorophenol | ND | | ug/kg | 130 | 36. |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447323

**Project Number:** 100.002 **Report Date:** 08/21/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/21/24 10:48
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 08/21/24 05:25

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1961858-1 | | | | | |
| Phenol | ND | | ug/kg | 160 | 25. |
| 2-Methylphenol | ND | | ug/kg | 160 | 25. |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 240 | 26. |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 160 | 31. |
| Carbazole | ND | | ug/kg | 160 | 16. |
| Atrazine | ND | | ug/kg | 130 | 58. |
| Benzaldehyde | ND | | ug/kg | 220 | 44. |
| Caprolactam | ND | | ug/kg | 160 | 50. |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 160 | 33. |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 71 | | 25-120 |
| Phenol-d6 | 73 | | 10-120 |
| Nitrobenzene-d5 | 67 | | 23-120 |
| 2-Fluorobiphenyl | 69 | | 30-120 |
| 2,4,6-Tribromophenol | 77 | | 10-136 |
| 4-Terphenyl-d14 | 73 | | 18-120 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2447323

**Report Date:** 08/21/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1961858-2 WG1961858-3 | | | | | | | | |
| Acenaphthene | 65 | | 64 | | 31-137 | 2 | | 50 |
| Hexachlorobenzene | 69 | | 67 | | 40-140 | 3 | | 50 |
| Bis(2-chloroethyl)ether | 66 | | 66 | | 40-140 | 0 | | 50 |
| 2-Chloronaphthalene | 68 | | 67 | | 40-140 | 1 | | 50 |
| 3,3'-Dichlorobenzidine | 53 | | 55 | | 40-140 | 4 | | 50 |
| 2,4-Dinitrotoluene | 80 | | 79 | | 40-132 | 1 | | 50 |
| 2,6-Dinitrotoluene | 79 | | 78 | | 40-140 | 1 | | 50 |
| Fluoranthene | 69 | | 68 | | 40-140 | 1 | | 50 |
| 4-Chlorophenyl phenyl ether | 64 | | 64 | | 40-140 | 0 | | 50 |
| 4-Bromophenyl phenyl ether | 66 | | 66 | | 40-140 | 0 | | 50 |
| Bis(2-chloroisopropyl)ether | 66 | | 66 | | 40-140 | 0 | | 50 |
| Bis(2-chloroethoxy)methane | 71 | | 72 | | 40-117 | 1 | | 50 |
| Hexachlorobutadiene | 61 | | 59 | | 40-140 | 3 | | 50 |
| Hexachlorocyclopentadiene | 51 | | 49 | | 40-140 | 4 | | 50 |
| Hexachloroethane | 67 | | 65 | | 40-140 | 3 | | 50 |
| Isophorone | 70 | | 71 | | 40-140 | 1 | | 50 |
| Naphthalene | 64 | | 62 | | 40-140 | 3 | | 50 |
| Nitrobenzene | 71 | | 71 | | 40-140 | 0 | | 50 |
| NDPA/DPA | 67 | | 67 | | 36-157 | 0 | | 50 |
| n-Nitrosodi-n-propylamine | 69 | | 70 | | 32-121 | 1 | | 50 |
| Bis(2-ethylhexyl)phthalate | 72 | | 71 | | 40-140 | 1 | | 50 |
| Butyl benzyl phthalate | 75 | | 75 | | 40-140 | 0 | | 50 |
| Di-n-butylphthalate | 74 | | 73 | | 40-140 | 1 | | 50 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2447323

**Report Date:** 08/21/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1961858-2 WG1961858-3 | | | | | | | | |
| Di-n-octylphthalate | 73 | | 72 | | 40-140 | 1 | | 50 |
| Diethyl phthalate | 68 | | 67 | | 40-140 | 1 | | 50 |
| Dimethyl phthalate | 71 | | 70 | | 40-140 | 1 | | 50 |
| Benzo(a)anthracene | 63 | | 63 | | 40-140 | 0 | | 50 |
| Benzo(a)pyrene | 64 | | 63 | | 40-140 | 2 | | 50 |
| Benzo(b)fluoranthene | 64 | | 64 | | 40-140 | 0 | | 50 |
| Benzo(k)fluoranthene | 62 | | 61 | | 40-140 | 2 | | 50 |
| Chrysene | 61 | | 61 | | 40-140 | 0 | | 50 |
| Acenaphthylene | 69 | | 68 | | 40-140 | 1 | | 50 |
| Anthracene | 70 | | 68 | | 40-140 | 3 | | 50 |
| Benzo(ghi)perylene | 66 | | 66 | | 40-140 | 0 | | 50 |
| Fluorene | 66 | | 65 | | 40-140 | 2 | | 50 |
| Phenanthrene | 69 | | 68 | | 40-140 | 1 | | 50 |
| Dibenzo(a,h)anthracene | 66 | | 67 | | 40-140 | 2 | | 50 |
| Indeno(1,2,3-cd)pyrene | 66 | | 67 | | 40-140 | 2 | | 50 |
| Pyrene | 69 | | 68 | | 35-142 | 1 | | 50 |
| Biphenyl | 67 | | 66 | | 37-127 | 2 | | 50 |
| 4-Chloroaniline | 59 | | 59 | | 40-140 | 0 | | 50 |
| 2-Nitroaniline | 82 | | 83 | | 47-134 | 1 | | 50 |
| 3-Nitroaniline | 61 | | 65 | | 26-129 | 6 | | 50 |
| 4-Nitroaniline | 69 | | 68 | | 41-125 | 1 | | 50 |
| Dibenzofuran | 65 | | 64 | | 40-140 | 2 | | 50 |
| 2-Methylnaphthalene | 67 | | 66 | | 40-140 | 2 | | 50 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2447323

**Report Date:** 08/21/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1961858-2 WG1961858-3 | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | 65 | | 64 | | 40-117 | 2 | | 50 |
| Acetophenone | 70 | | 70 | | 14-144 | 0 | | 50 |
| 2,4,6-Trichlorophenol | 71 | | 69 | | 30-130 | 3 | | 50 |
| p-Chloro-m-cresol | 72 | | 72 | | 26-103 | 0 | | 50 |
| 2-Chlorophenol | 69 | | 70 | | 25-102 | 1 | | 50 |
| 2,4-Dichlorophenol | 74 | | 74 | | 30-130 | 0 | | 50 |
| 2,4-Dimethylphenol | 61 | | 61 | | 30-130 | 0 | | 50 |
| 2-Nitrophenol | 78 | | 78 | | 30-130 | 0 | | 50 |
| 4-Nitrophenol | 81 | | 80 | | 11-114 | 1 | | 50 |
| 2,4-Dinitrophenol | 72 | | 72 | | 4-130 | 0 | | 50 |
| 4,6-Dinitro-o-cresol | 82 | | 82 | | 10-130 | 0 | | 50 |
| Pentachlorophenol | 64 | | 63 | | 17-109 | 2 | | 50 |
| Phenol | 71 | | 72 | | 26-90 | 1 | | 50 |
| 2-Methylphenol | 72 | | 74 | | 30-130. | 3 | | 50 |
| 3-Methylphenol/4-Methylphenol | 78 | | 80 | | 30-130 | 3 | | 50 |
| 2,4,5-Trichlorophenol | 74 | | 73 | | 30-130 | 1 | | 50 |
| Carbazole | 68 | | 69 | | 54-128 | 1 | | 50 |
| Atrazine | 64 | | 64 | | 40-140 | 0 | | 50 |
| Benzaldehyde | 54 | | 53 | | 40-140 | 2 | | 50 |
| Caprolactam | 80 | | 79 | | 15-130 | 1 | | 50 |
| 2,3,4,6-Tetrachlorophenol | 71 | | 69 | | 40-140 | 3 | | 50 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2447323

**Report Date:** 08/21/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1961858-2 WG1961858-3 | | | | | | | | |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 2-Fluorophenol | 71 | | 70 | | 25-120 |
| Phenol-d6 | 71 | | 72 | | 10-120 |
| Nitrobenzene-d5 | 68 | | 67 | | 23-120 |
| 2-Fluorobiphenyl | 64 | | 62 | | 30-120 |
| 2,4,6-Tribromophenol | 72 | | 71 | | 10-136 |
| 4-Terphenyl-d14 | 66 | | 64 | | 18-120 |

# Matrix Spike Analysis

## *Batch Quality Control*

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2447323

**Report Date:** 08/21/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1961858-4 WG1961858-5 QC Sample: L2447323-01 Client ID: LAGOON-SW-N7 | | | | | | | | | | | | |
| Acenaphthene | ND | 1460 | 920 | 63 | | 980 | 66 | | 31-137 | 6 | | 50 |
| Hexachlorobenzene | ND | 1460 | 960 | 66 | | 1000 | 68 | | 40-140 | 4 | | 50 |
| Bis(2-chloroethyl)ether | ND | 1460 | 940 | 64 | | 1000 | 68 | | 40-140 | 6 | | 50 |
| 2-Chloronaphthalene | ND | 1460 | 970 | 66 | | 1000 | 68 | | 40-140 | 3 | | 50 |
| 3,3'-Dichlorobenzidine | ND | 1460 | 780 | 53 | | 810 | 55 | | 40-140 | 4 | | 50 |
| 2,4-Dinitrotoluene | ND | 1460 | 1100 | 75 | | 1200 | 81 | | 40-132 | 9 | | 50 |
| 2,6-Dinitrotoluene | ND | 1460 | 1100 | 75 | | 1200 | 81 | | 40-140 | 9 | | 50 |
| Fluoranthene | ND | 1460 | 970 | 66 | | 1000 | 68 | | 40-140 | 3 | | 50 |
| 4-Chlorophenyl phenyl ether | ND | 1460 | 920 | 63 | | 960 | 65 | | 40-140 | 4 | | 50 |
| 4-Bromophenyl phenyl ether | ND | 1460 | 930 | 64 | | 990 | 67 | | 40-140 | 6 | | 50 |
| Bis(2-chloroisopropyl)ether | ND | 1460 | 940 | 64 | | 1000 | 68 | | 40-140 | 6 | | 50 |
| Bis(2-chloroethoxy)methane | ND | 1460 | 1000 | 68 | | 1100 | 75 | | 40-117 | 10 | | 50 |
| Hexachlorobutadiene | ND | 1460 | 890 | 61 | | 910 | 62 | | 40-140 | 2 | | 50 |
| Hexachlorocyclopentadiene | ND | 1460 | 610 | 42 | | 650 | 44 | | 40-140 | 6 | | 50 |
| Hexachloroethane | ND | 1460 | 910 | 62 | | 1000 | 68 | | 40-140 | 9 | | 50 |
| Isophorone | ND | 1460 | 1000 | 68 | | 1100 | 75 | | 40-140 | 10 | | 50 |
| Naphthalene | ND | 1460 | 930 | 64 | | 990 | 67 | | 40-140 | 6 | | 50 |
| Nitrobenzene | ND | 1460 | 1000 | 68 | | 1100 | 75 | | 40-140 | 10 | | 50 |
| NDPA/DPA | ND | 1460 | 950 | 65 | | 1000 | 68 | | 36-157 | 5 | | 50 |
| n-Nitrosodi-n-propylamine | ND | 1460 | 980 | 67 | | 1100 | 75 | | 32-121 | 12 | | 50 |
| Bis(2-ethylhexyl)phthalate | ND | 1460 | 1000 | 68 | | 1100 | 75 | | 40-140 | 10 | | 50 |
| Butyl benzyl phthalate | ND | 1460 | 1100 | 75 | | 1100 | 75 | | 40-140 | 0 | | 50 |
| Di-n-butylphthalate | ND | 1460 | 1000 | 68 | | 1100 | 75 | | 40-140 | 10 | | 50 |

# Matrix Spike Analysis
## *Batch Quality Control*

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002
**Lab Number:** L2447323
**Report Date:** 08/21/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1961858-4 WG1961858-5 QC Sample: L2447323-01 Client ID: LAGOON-SW-N7 | | | | | | | | | | | | |
| Di-n-octylphthalate | ND | 1460 | 1000 | 68 | | 1100 | 75 | | 40-140 | 10 | | 50 |
| Diethyl phthalate | ND | 1460 | 960 | 66 | | 1000 | 68 | | 40-140 | 4 | | 50 |
| Dimethyl phthalate | ND | 1460 | 1000 | 68 | | 1100 | 75 | | 40-140 | 10 | | 50 |
| Benzo(a)anthracene | ND | 1460 | 900 | 62 | | 940 | 64 | | 40-140 | 4 | | 50 |
| Benzo(a)pyrene | ND | 1460 | 900 | 62 | | 960 | 65 | | 40-140 | 6 | | 50 |
| Benzo(b)fluoranthene | ND | 1460 | 910 | 62 | | 950 | 64 | | 40-140 | 4 | | 50 |
| Benzo(k)fluoranthene | ND | 1460 | 860 | 59 | | 920 | 62 | | 40-140 | 7 | | 50 |
| Chrysene | ND | 1460 | 880 | 60 | | 920 | 62 | | 40-140 | 4 | | 50 |
| Acenaphthylene | ND | 1460 | 960 | 66 | | 1000 | 68 | | 40-140 | 4 | | 50 |
| Anthracene | ND | 1460 | 990 | 68 | | 1000 | 68 | | 40-140 | 1 | | 50 |
| Benzo(ghi)perylene | ND | 1460 | 920 | 63 | | 980 | 66 | | 40-140 | 6 | | 50 |
| Fluorene | ND | 1460 | 930 | 64 | | 1000 | 68 | | 40-140 | 7 | | 50 |
| Phenanthrene | ND | 1460 | 990 | 68 | | 1000 | 68 | | 40-140 | 1 | | 50 |
| Dibenzo(a,h)anthracene | ND | 1460 | 930 | 64 | | 1000 | 68 | | 40-140 | 7 | | 50 |
| Indeno(1,2,3-cd)pyrene | ND | 1460 | 910 | 62 | | 980 | 66 | | 40-140 | 7 | | 50 |
| Pyrene | ND | 1460 | 970 | 66 | | 1000 | 68 | | 35-142 | 3 | | 50 |
| Biphenyl | ND | 1460 | 970 | 66 | | 1000 | 68 | | 37-127 | 3 | | 50 |
| 4-Chloroaniline | ND | 1460 | 860 | 59 | | 950 | 64 | | 40-140 | 10 | | 50 |
| 2-Nitroaniline | ND | 1460 | 1200 | 82 | | 1300 | 88 | | 47-134 | 8 | | 50 |
| 3-Nitroaniline | ND | 1460 | 900 | 62 | | 1000 | 68 | | 26-129 | 11 | | 50 |
| 4-Nitroaniline | ND | 1460 | 990 | 68 | | 1100 | 75 | | 41-125 | 11 | | 50 |
| Dibenzofuran | ND | 1460 | 920 | 63 | | 990 | 67 | | 40-140 | 7 | | 50 |
| 2-Methylnaphthalene | ND | 1460 | 970 | 66 | | 1000 | 68 | | 40-140 | 3 | | 50 |

# Matrix Spike Analysis
## *Batch Quality Control*

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002
**Lab Number:** L2447323
**Report Date:** 08/21/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1961858-4 WG1961858-5 QC Sample: L2447323-01 Client ID: LAGOON-SW-N7 | | | | | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ND | 1460 | 940 | 64 | | 980 | 66 | | 40-117 | 4 | | 50 |
| Acetophenone | ND | 1460 | 990 | 68 | | 1100 | 75 | | 14-144 | 11 | | 50 |
| 2,4,6-Trichlorophenol | ND | 1460 | 1000 | 68 | | 1100 | 75 | | 30-130 | 10 | | 50 |
| p-Chloro-m-cresol | ND | 1460 | 1000 | 68 | | 1100 | 75 | | 26-103 | 10 | | 50 |
| 2-Chlorophenol | ND | 1460 | 1000 | 68 | | 1100 | 75 | | 25-102 | 10 | | 50 |
| 2,4-Dichlorophenol | ND | 1460 | 1000 | 68 | | 1100 | 75 | | 30-130 | 10 | | 50 |
| 2,4-Dimethylphenol | ND | 1460 | 780 | 53 | | 870 | 59 | | 30-130 | 11 | | 50 |
| 2-Nitrophenol | ND | 1460 | 1100 | 75 | | 1200 | 81 | | 30-130 | 9 | | 50 |
| 4-Nitrophenol | ND | 1460 | 1100 | 75 | | 1300 | 88 | | 11-114 | 17 | | 50 |
| 2,4-Dinitrophenol | ND | 1460 | 400J | 27 | | 430J | 29 | | 4-130 | 7 | | 50 |
| 4,6-Dinitro-o-cresol | ND | 1460 | 1000 | 68 | | 1100 | 75 | | 10-130 | 10 | | 50 |
| Pentachlorophenol | ND | 1460 | 900 | 62 | | 970 | 66 | | 17-109 | 7 | | 50 |
| Phenol | ND | 1460 | 1000 | 68 | | 1100 | 75 | | 26-90 | 10 | | 50 |
| 2-Methylphenol | ND | 1460 | 1000 | 68 | | 1200 | 81 | | 30-130. | 18 | | 50 |
| 3-Methylphenol/4-Methylphenol | ND | 1460 | 1100 | 75 | | 1200 | 81 | | 30-130 | 9 | | 50 |
| 2,4,5-Trichlorophenol | ND | 1460 | 1100 | 75 | | 1100 | 75 | | 30-130 | 0 | | 50 |
| Carbazole | ND | 1460 | 990 | 68 | | 1100 | 75 | | 54-128 | 11 | | 50 |
| Atrazine | ND | 1460 | 930 | 64 | | 990 | 67 | | 40-140 | 6 | | 50 |
| Benzaldehyde | ND | 1460 | 900 | 62 | | 980 | 66 | | 40-140 | 9 | | 50 |
| Caprolactam | ND | 1460 | 1100 | 75 | | 1200 | 81 | | 15-130 | 9 | | 50 |
| 2,3,4,6-Tetrachlorophenol | ND | 1460 | 980 | 67 | | 1100 | 75 | | 40-140 | 12 | | 50 |

# Matrix Spike Analysis

***Batch Quality Control***

***Project Name:*** BISONITE PAINT CO.

***Project Number:*** 100.002

***Lab Number:*** L2447323

***Report Date:*** 08/21/24

| *Parameter* | *Native Sample* | *MS Added* | *MS Found* | *MS %Recovery* | *Qual* | *MSD Found* | *MSD %Recovery* | *Qual* | *Recovery Limits* | *RPD* | *Qual* | *RPD Limits* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1961858-4 WG1961858-5 QC Sample: L2447323-01 Client ID: LAGOON-SW-N7

| *Surrogate* | *MS % Recovery* | *MS Qualifier* | *MSD % Recovery* | *MSD Qualifier* | *Acceptance Criteria* |
|---|---|---|---|---|---|
| 2,4,6-Tribromophenol | 70 | | 75 | | 10-136 |
| 2-Fluorobiphenyl | 61 | | 63 | | 30-120 |
| 2-Fluorophenol | 68 | | 73 | | 25-120 |
| 4-Terphenyl-d14 | 61 | | 64 | | 18-120 |
| Nitrobenzene-d5 | 66 | | 70 | | 23-120 |
| Phenol-d6 | 70 | | 75 | | 10-120 |

# PCBS

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447323

**Project Number:** 100.002 **Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447323-01
Client ID: LAGOON-SW-N7
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/20/24 11:30
Date Received: 08/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/21/24 15:41
Analyst: MEO
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 08/21/24 04:32
Cleanup Method: EPA 3665A
Cleanup Date: 08/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/21/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 54.3 | 4.82 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 54.3 | 5.44 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 54.3 | 11.5 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 54.3 | 7.32 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 54.3 | 8.14 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 54.3 | 5.94 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 54.3 | 10.0 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 54.3 | 6.89 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 54.3 | 5.62 | 1 | A |
| PCBs, Total | ND | | ug/kg | 54.3 | 4.82 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 74 | | 30-150 | A |
| Decachlorobiphenyl | 93 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 80 | | 30-150 | B |
| Decachlorobiphenyl | 88 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447323

**Project Number:** 100.002 **Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447323-02
Client ID: DUPE-LAGOON
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/20/24 11:40
Date Received: 08/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/21/24 16:13
Analyst: MEO
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 08/21/24 04:41
Cleanup Method: EPA 3665A
Cleanup Date: 08/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/21/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 56.0 | 4.97 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 56.0 | 5.61 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 56.0 | 11.9 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 56.0 | 7.55 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 56.0 | 8.40 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 56.0 | 6.13 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 56.0 | 10.4 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 56.0 | 7.11 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 56.0 | 5.80 | 1 | A |
| PCBs, Total | ND | | ug/kg | 56.0 | 4.97 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 76 | | 30-150 | A |
| Decachlorobiphenyl | 95 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 84 | | 30-150 | B |
| Decachlorobiphenyl | 95 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447323
**Report Date:** 08/21/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 08/21/24 15:18
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 08/21/24 02:39
Cleanup Method: EPA 3665A
Cleanup Date: 08/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/21/24

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02 Batch: WG1961836-1 | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 49.9 | 4.43 | A |
| Aroclor 1221 | ND | | ug/kg | 49.9 | 5.00 | A |
| Aroclor 1232 | ND | | ug/kg | 49.9 | 10.6 | A |
| Aroclor 1242 | ND | | ug/kg | 49.9 | 6.73 | A |
| Aroclor 1248 | ND | | ug/kg | 49.9 | 7.48 | A |
| Aroclor 1254 | ND | | ug/kg | 49.9 | 5.46 | A |
| Aroclor 1260 | ND | | ug/kg | 49.9 | 9.22 | A |
| Aroclor 1262 | ND | | ug/kg | 49.9 | 6.34 | A |
| Aroclor 1268 | ND | | ug/kg | 49.9 | 5.17 | A |
| PCBs, Total | ND | | ug/kg | 49.9 | 4.43 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 65 | | 30-150 | A |
| Decachlorobiphenyl | 80 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 69 | | 30-150 | B |
| Decachlorobiphenyl | 75 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2447323

**Report Date:** 08/21/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1961836-2 WG1961836-3 | | | | | | | | | |
| Aroclor 1016 | 74 | | 72 | | 40-140 | 3 | | 50 | A |
| Aroclor 1260 | 70 | | 70 | | 40-140 | 0 | | 50 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 69 | | 67 | | 30-150 | A |
| Decachlorobiphenyl | 87 | | 88 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 74 | | 71 | | 30-150 | B |
| Decachlorobiphenyl | 81 | | 80 | | 30-150 | B |

# Matrix Spike Analysis

## *Batch Quality Control*

***Project Name:*** BISONITE PAINT CO.

***Project Number:*** 100.002

***Lab Number:*** L2447323

***Report Date:*** 08/21/24

| *Parameter* | *Native Sample* | *MS Added* | *MS Found* | *MS %Recovery* | *Qual* | *MSD Found* | *MSD %Recovery* | *Qual* | *Recovery Limits* | *RPD* | *Qual* | *RPD Limits* | *Column* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1961836-4 WG1961836-5 QC Sample: L2447323-01 Client ID: LAGOON-SW-N7 | | | | | | | | | | | | | |
| Aroclor 1016 | ND | 333 | 243 | 73 | | 249 | 75 | | 40-140 | 2 | | 50 | A |
| Aroclor 1260 | ND | 333 | 238 | 72 | | 232 | 70 | | 40-140 | 3 | | 50 | A |

| *Surrogate* | *MS % Recovery* | *MS Qualifier* | *MSD % Recovery* | *MSD Qualifier* | *Acceptance Criteria* | *Column* |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 71 | | 76 | | 30-150 | A |
| Decachlorobiphenyl | 90 | | 95 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 75 | | 81 | | 30-150 | B |
| Decachlorobiphenyl | 86 | | 88 | | 30-150 | B |

# PESTICIDES

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2447323
**Project Number:** 100.002
**Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447323-01
Client ID: LAGOON-SW-N7
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/20/24 11:30
Date Received: 08/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 08/21/24 16:50
Analyst: JAG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 08/21/24 04:48
Cleanup Method: EPA 3620B
Cleanup Date: 08/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/21/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.72 | 0.337 | 1 | A |
| Lindane | ND | | ug/kg | 0.716 | 0.320 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.716 | 0.203 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.72 | 0.652 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.859 | 0.385 | 1 | A |
| Aldrin | ND | | ug/kg | 1.72 | 0.605 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.22 | 0.967 | 1 | A |
| Endrin | ND | | ug/kg | 0.716 | 0.294 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.15 | 0.752 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.72 | 0.443 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.07 | 0.537 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.72 | 0.398 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.72 | 0.613 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 1.72 | 1.38 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.72 | 0.406 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.72 | 0.574 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.716 | 0.341 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.22 | 1.00 | 1 | A |
| Toxaphene | ND | | ug/kg | 32.2 | 9.02 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.15 | 0.599 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.15 | 0.567 | 1 | A |
| Chlordane | ND | | ug/kg | 14.3 | 5.69 | 1 | A |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447323

**Project Number:** 100.002 **Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447323-01 Date Collected: 08/20/24 11:30

Client ID: LAGOON-SW-N7 Date Received: 08/20/24

Sample Location: 2266 MILITARY RD., TONAWANDA, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 76 | | 30-150 | A |
| Decachlorobiphenyl | 88 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 66 | | 30-150 | B |
| Decachlorobiphenyl | 84 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447323

**Project Number:** 100.002 **Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447323-01
Client ID: LAGOON-SW-N7
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/20/24 11:30
Date Received: 08/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 08/21/24 18:46
Analyst: JAG
Percent Solids: 89%
Methylation Date: 08/21/24 17:18

Extraction Method: EPA 8151A
Extraction Date: 08/21/24 03:51

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 184 | 11.6 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 184 | 5.71 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 184 | 4.90 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 105 | | 30-150 | A |
| DCAA | 93 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447323

**Project Number:** 100.002 **Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447323-02
Client ID: DUPE-LAGOON
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/20/24 11:40
Date Received: 08/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 08/21/24 17:28
Analyst: JAG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 08/21/24 04:48
Cleanup Method: EPA 3620B
Cleanup Date: 08/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/21/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.76 | 0.346 | 1 | A |
| Lindane | ND | | ug/kg | 0.736 | 0.329 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.736 | 0.209 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.76 | 0.669 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.883 | 0.396 | 1 | A |
| Aldrin | ND | | ug/kg | 1.76 | 0.622 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.31 | 0.993 | 1 | A |
| Endrin | ND | | ug/kg | 0.736 | 0.302 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.21 | 0.772 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.76 | 0.455 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.10 | 0.552 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.76 | 0.408 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.76 | 0.630 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 1.76 | 1.42 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.76 | 0.417 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.76 | 0.590 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.736 | 0.350 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.31 | 1.03 | 1 | A |
| Toxaphene | ND | | ug/kg | 33.1 | 9.27 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.21 | 0.615 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.21 | 0.583 | 1 | A |
| Chlordane | ND | | ug/kg | 14.7 | 5.85 | 1 | A |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447323

**Project Number:** 100.002 **Report Date:** 08/21/24

**SAMPLE RESULTS**

Lab ID: L2447323-02 Date Collected: 08/20/24 11:40

Client ID: DUPE-LAGOON Date Received: 08/20/24

Sample Location: 2266 MILITARY RD., TONAWANDA, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 77 | | 30-150 | A |
| Decachlorobiphenyl | 90 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 67 | | 30-150 | B |
| Decachlorobiphenyl | 110 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447323

**Project Number:** 100.002 **Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447323-02
Client ID: DUPE-LAGOON
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/20/24 11:40
Date Received: 08/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 08/21/24 19:22
Analyst: JAG
Percent Solids: 89%
Methylation Date: 08/21/24 17:18

Extraction Method: EPA 8151A
Extraction Date: 08/21/24 04:40

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 186 | 11.7 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 186 | 5.78 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 186 | 4.96 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 100 | | 30-150 | A |
| DCAA | 97 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447323
**Report Date:** 08/21/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 08/21/24 17:50
Analyst: JAG

Extraction Method: EPA 8151A
Extraction Date: 08/21/24 00:03

Methylation Date: 08/21/24 17:18

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1961813-1 | | | | | | |
| 2,4-D | ND | | ug/kg | 162 | 10.2 | A |
| 2,4,5-T | ND | | ug/kg | 162 | 5.02 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 162 | 4.31 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 104 | | 30-150 | A |
| DCAA | 96 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447323
**Report Date:** 08/21/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 08/21/24 15:48
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 08/21/24 04:48
Cleanup Method: EPA 3620B
Cleanup Date: 08/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/21/24

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1961854-1 | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.58 | 0.309 | A |
| Lindane | ND | | ug/kg | 0.657 | 0.294 | A |
| Alpha-BHC | ND | | ug/kg | 0.657 | 0.187 | A |
| Beta-BHC | ND | | ug/kg | 1.58 | 0.598 | A |
| Heptachlor | ND | | ug/kg | 0.789 | 0.354 | A |
| Aldrin | ND | | ug/kg | 1.58 | 0.556 | A |
| Heptachlor epoxide | ND | | ug/kg | 2.96 | 0.888 | A |
| Endrin | ND | | ug/kg | 0.657 | 0.270 | A |
| Endrin aldehyde | ND | | ug/kg | 1.97 | 0.690 | A |
| Endrin ketone | ND | | ug/kg | 1.58 | 0.406 | A |
| Dieldrin | ND | | ug/kg | 0.986 | 0.493 | A |
| 4,4'-DDE | ND | | ug/kg | 1.58 | 0.365 | A |
| 4,4'-DDD | ND | | ug/kg | 1.58 | 0.563 | A |
| 4,4'-DDT | ND | | ug/kg | 1.58 | 1.27 | A |
| Endosulfan I | ND | | ug/kg | 1.58 | 0.373 | A |
| Endosulfan II | ND | | ug/kg | 1.58 | 0.527 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.657 | 0.313 | A |
| Methoxychlor | ND | | ug/kg | 2.96 | 0.920 | A |
| Toxaphene | ND | | ug/kg | 29.6 | 8.28 | A |
| cis-Chlordane | ND | | ug/kg | 1.97 | 0.550 | A |
| trans-Chlordane | ND | | ug/kg | 1.97 | 0.521 | A |
| Chlordane | ND | | ug/kg | 13.1 | 5.23 | A |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447323
**Report Date:** 08/21/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 08/21/24 15:48
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 08/21/24 04:48
Cleanup Method: EPA 3620B
Cleanup Date: 08/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/21/24

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1961854-1 | | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 62 | | 30-150 | A |
| Decachlorobiphenyl | 66 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 53 | | 30-150 | B |
| Decachlorobiphenyl | 75 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2447323

**Report Date:** 08/21/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1961813-2 WG1961813-3 | | | | | | | | | |
| 2,4-D | 121 | | 125 | | 30-150 | 3 | | 30 | A |
| 2,4,5-T | 131 | | 136 | | 30-150 | 4 | | 30 | A |
| 2,4,5-TP (Silvex) | 117 | | 121 | | 30-150 | 3 | | 30 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| DCAA | 103 | | 106 | | 30-150 | A |
| DCAA | 100 | | 110 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2447323

**Report Date:** 08/21/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1961854-2 WG1961854-3 | | | | | | | | | |
| Delta-BHC | 66 | | 81 | | 30-150 | 20 | | 30 | A |
| Lindane | 58 | | 74 | | 30-150 | 24 | | 30 | A |
| Alpha-BHC | 60 | | 77 | | 30-150 | 25 | | 30 | A |
| Beta-BHC | 71 | | 91 | | 30-150 | 25 | | 30 | A |
| Heptachlor | 63 | | 80 | | 30-150 | 24 | | 30 | A |
| Aldrin | 63 | | 80 | | 30-150 | 24 | | 30 | A |
| Heptachlor epoxide | 57 | | 74 | | 30-150 | 26 | | 30 | A |
| Endrin | 69 | | 90 | | 30-150 | 26 | | 30 | A |
| Endrin aldehyde | 67 | | 86 | | 30-150 | 25 | | 30 | A |
| Endrin ketone | 70 | | 90 | | 30-150 | 25 | | 30 | A |
| Dieldrin | 70 | | 92 | | 30-150 | 27 | | 30 | A |
| 4,4'-DDE | 67 | | 88 | | 30-150 | 27 | | 30 | A |
| 4,4'-DDD | 70 | | 92 | | 30-150 | 27 | | 30 | A |
| 4,4'-DDT | 75 | | 98 | | 30-150 | 27 | | 30 | A |
| Endosulfan I | 64 | | 84 | | 30-150 | 27 | | 30 | A |
| Endosulfan II | 67 | | 88 | | 30-150 | 27 | | 30 | A |
| Endosulfan sulfate | 75 | | 97 | | 30-150 | 26 | | 30 | A |
| Methoxychlor | 82 | | 105 | | 30-150 | 25 | | 30 | A |
| cis-Chlordane | 70 | | 94 | | 30-150 | 29 | | 30 | A |
| trans-Chlordane | 80 | | 104 | | 30-150 | 26 | | 30 | A |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2447323

**Report Date:** 08/21/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1961854-2 WG1961854-3 | | | | | | | | |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 58 | | 71 | | 30-150 | A |
| Decachlorobiphenyl | 64 | | 78 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 51 | | 62 | | 30-150 | B |
| Decachlorobiphenyl | 76 | | 81 | | 30-150 | B |

# Matrix Spike Analysis

***Batch Quality Control***

***Project Name:*** BISONITE PAINT CO.

***Project Number:*** 100.002

***Lab Number:*** L2447323

***Report Date:*** 08/21/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1961813-4 WG1961813-5 QC Sample: L2447323-01 Client ID: LAGOON-SW-N7 | | | | | | | | | | | | | |
| 2,4-D | ND | 183 | 244 | 133 | | 221 | 121 | | 30-150 | 10 | | 30 | A |
| 2,4,5-T | ND | 183 | 269 | 147 | | 243 | 133 | | 30-150 | 10 | | 30 | A |
| 2,4,5-TP (Silvex) | ND | 183 | 249 | 136 | | 225 | 123 | | 30-150 | 10 | | 30 | A |

| Surrogate | MS % Recovery | MS Qualifier | MSD % Recovery | MSD Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| DCAA | 117 | | 107 | | 30-150 | A |
| DCAA | 111 | | 99 | | 30-150 | B |

# Matrix Spike Analysis

## *Batch Quality Control*

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2447323

**Report Date:** 08/21/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1961854-4 WG1961854-5 QC Sample: L2447323-01 Client ID: LAGOON-SW-N7 | | | | | | | | | | | | | |
| Delta-BHC | ND | 35.4 | 28.1 | 79 | | 26.8 | 75 | | 30-150 | 5 | | 50 | A |
| Lindane | ND | 35.4 | 26.3 | 74 | | 25.3 | 70 | | 30-150 | 4 | | 50 | A |
| Alpha-BHC | ND | 35.4 | 27.6 | 78 | | 26.5 | 74 | | 30-150 | 4 | | 50 | A |
| Beta-BHC | ND | 35.4 | 31.6 | 89 | | 30.7 | 85 | | 30-150 | 3 | | 50 | A |
| Heptachlor | ND | 35.4 | 28.4 | 80 | | 27.3 | 76 | | 30-150 | 4 | | 50 | A |
| Aldrin | ND | 35.4 | 27.6 | 78 | | 27.0 | 75 | | 30-150 | 2 | | 50 | A |
| Heptachlor epoxide | ND | 35.4 | 23.4 | 66 | | 25.2 | 70 | | 30-150 | 7 | | 50 | A |
| Endrin | ND | 35.4 | 30.2 | 85 | | 30.4 | 85 | | 30-150 | 1 | | 50 | A |
| Endrin aldehyde | ND | 35.4 | 28.5 | 80 | | 29.8 | 83 | | 30-150 | 4 | | 50 | A |
| Endrin ketone | ND | 35.4 | 30.7 | 87 | | 30.6 | 85 | | 30-150 | 0 | | 50 | A |
| Dieldrin | ND | 35.4 | 31.0 | 88 | | 30.7 | 85 | | 30-150 | 1 | | 50 | A |
| 4,4'-DDE | ND | 35.4 | 29.2 | 82 | | 29.2 | 81 | | 30-150 | 0 | | 50 | A |
| 4,4'-DDD | ND | 35.4 | 31.1 | 88 | | 31.0 | 86 | | 30-150 | 0 | | 50 | A |
| 4,4'-DDT | ND | 35.4 | 32.6 | 92 | | 32.5 | 90 | | 30-150 | 0 | | 50 | A |
| Endosulfan I | ND | 35.4 | 28.3 | 80 | | 28.0 | 78 | | 30-150 | 1 | | 50 | A |
| Endosulfan II | ND | 35.4 | 29.3 | 83 | | 29.4 | 82 | | 30-150 | 0 | | 50 | A |
| Endosulfan sulfate | ND | 35.4 | 33.2 | 94 | | 32.9 | 92 | | 30-150 | 1 | | 50 | A |
| Methoxychlor | ND | 35.4 | 35.2 | 99 | | 36.0 | 100 | | 30-150 | 2 | | 50 | A |
| cis-Chlordane | ND | 35.4 | 31.3 | 88 | | 31.0 | 86 | | 30-150 | 1 | | 50 | A |
| trans-Chlordane | ND | 35.4 | 35.2 | 99 | | 34.9 | 97 | | 30-150 | 1 | | 50 | A |

# Matrix Spike Analysis

***Batch Quality Control***

***Project Name:*** BISONITE PAINT CO.

***Project Number:*** 100.002

***Lab Number:*** L2447323

***Report Date:*** 08/21/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1961854-4 WG1961854-5 QC Sample: L2447323-01 Client ID: LAGOON-SW-N7 | | | | | | | | | | | | |

| Surrogate | MS % Recovery | MS Qualifier | MSD % Recovery | MSD Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 80 | | 82 | | 30-150 | A |
| Decachlorobiphenyl | 88 | | 93 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 74 | | 71 | | 30-150 | B |
| Decachlorobiphenyl | 78 | | 89 | | 30-150 | B |

# METALS

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447323

**Project Number:** 100.002 **Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447323-01 Date Collected: 08/20/24 11:30

Client ID: LAGOON-SW-N7 Date Received: 08/20/24

Sample Location: 2266 MILITARY RD., TONAWANDA, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 8670 | | mg/kg | 8.55 | 2.31 | 2 | 08/21/24 08:10 | 08/21/24 10:33 | EPA 3050B | 1,6010D | DHL |
| Antimony, Total | ND | | mg/kg | 4.28 | 0.325 | 2 | 08/21/24 08:10 | 08/21/24 10:33 | EPA 3050B | 1,6010D | DHL |
| Arsenic, Total | 3.14 | | mg/kg | 0.855 | 0.178 | 2 | 08/21/24 08:10 | 08/21/24 10:33 | EPA 3050B | 1,6010D | DHL |
| Barium, Total | 106 | | mg/kg | 0.855 | 0.149 | 2 | 08/21/24 08:10 | 08/21/24 10:33 | EPA 3050B | 1,6010D | DHL |
| Beryllium, Total | 0.412 | J | mg/kg | 0.428 | 0.028 | 2 | 08/21/24 08:10 | 08/21/24 10:33 | EPA 3050B | 1,6010D | DHL |
| Cadmium, Total | 0.189 | J | mg/kg | 0.855 | 0.084 | 2 | 08/21/24 08:10 | 08/21/24 10:33 | EPA 3050B | 1,6010D | DHL |
| Calcium, Total | 48500 | | mg/kg | 8.55 | 2.99 | 2 | 08/21/24 08:10 | 08/21/24 10:33 | EPA 3050B | 1,6010D | DHL |
| Chromium, Total | 14.0 | | mg/kg | 0.855 | 0.082 | 2 | 08/21/24 08:10 | 08/21/24 10:33 | EPA 3050B | 1,6010D | DHL |
| Cobalt, Total | 7.76 | | mg/kg | 1.71 | 0.142 | 2 | 08/21/24 08:10 | 08/21/24 10:33 | EPA 3050B | 1,6010D | DHL |
| Copper, Total | 11.1 | | mg/kg | 0.855 | 0.221 | 2 | 08/21/24 08:10 | 08/21/24 10:33 | EPA 3050B | 1,6010D | DHL |
| Iron, Total | 16100 | | mg/kg | 4.28 | 0.772 | 2 | 08/21/24 08:10 | 08/21/24 10:33 | EPA 3050B | 1,6010D | DHL |
| Lead, Total | 18.8 | | mg/kg | 4.28 | 0.229 | 2 | 08/21/24 08:10 | 08/21/24 10:33 | EPA 3050B | 1,6010D | DHL |
| Magnesium, Total | 14900 | | mg/kg | 8.55 | 1.32 | 2 | 08/21/24 08:10 | 08/21/24 10:33 | EPA 3050B | 1,6010D | DHL |
| Manganese, Total | 448 | | mg/kg | 0.855 | 0.136 | 2 | 08/21/24 08:10 | 08/21/24 10:33 | EPA 3050B | 1,6010D | DHL |
| Mercury, Total | ND | | mg/kg | 0.071 | 0.046 | 1 | 08/21/24 09:00 | 08/21/24 10:44 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 16.7 | | mg/kg | 2.14 | 0.207 | 2 | 08/21/24 08:10 | 08/21/24 10:33 | EPA 3050B | 1,6010D | DHL |
| Potassium, Total | 1110 | | mg/kg | 214 | 12.3 | 2 | 08/21/24 08:10 | 08/21/24 10:33 | EPA 3050B | 1,6010D | DHL |
| Selenium, Total | ND | | mg/kg | 1.71 | 0.221 | 2 | 08/21/24 08:10 | 08/21/24 10:33 | EPA 3050B | 1,6010D | DHL |
| Silver, Total | ND | | mg/kg | 0.428 | 0.242 | 2 | 08/21/24 08:10 | 08/21/24 10:33 | EPA 3050B | 1,6010D | DHL |
| Sodium, Total | 154 | J | mg/kg | 171 | 2.69 | 2 | 08/21/24 08:10 | 08/21/24 10:33 | EPA 3050B | 1,6010D | DHL |
| Thallium, Total | 0.505 | J | mg/kg | 1.71 | 0.269 | 2 | 08/21/24 08:10 | 08/21/24 10:33 | EPA 3050B | 1,6010D | DHL |
| Vanadium, Total | 16.2 | | mg/kg | 0.855 | 0.174 | 2 | 08/21/24 08:10 | 08/21/24 10:33 | EPA 3050B | 1,6010D | DHL |
| Zinc, Total | 60.9 | | mg/kg | 4.28 | 0.251 | 2 | 08/21/24 08:10 | 08/21/24 10:33 | EPA 3050B | 1,6010D | DHL |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447323

**Project Number:** 100.002 **Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447323-02 Date Collected: 08/20/24 11:40

Client ID: DUPE-LAGOON Date Received: 08/20/24

Sample Location: 2266 MILITARY RD., TONAWANDA, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 8380 | | mg/kg | 8.68 | 2.34 | 2 | 08/21/24 08:10 | 08/21/24 10:29 | EPA 3050B | 1,6010D | DHL |
| Antimony, Total | ND | | mg/kg | 4.34 | 0.330 | 2 | 08/21/24 08:10 | 08/21/24 10:29 | EPA 3050B | 1,6010D | DHL |
| Arsenic, Total | 4.08 | | mg/kg | 0.868 | 0.180 | 2 | 08/21/24 08:10 | 08/21/24 10:29 | EPA 3050B | 1,6010D | DHL |
| Barium, Total | 86.5 | | mg/kg | 0.868 | 0.151 | 2 | 08/21/24 08:10 | 08/21/24 10:29 | EPA 3050B | 1,6010D | DHL |
| Beryllium, Total | 0.423 | J | mg/kg | 0.434 | 0.029 | 2 | 08/21/24 08:10 | 08/21/24 10:29 | EPA 3050B | 1,6010D | DHL |
| Cadmium, Total | 0.147 | J | mg/kg | 0.868 | 0.085 | 2 | 08/21/24 08:10 | 08/21/24 10:29 | EPA 3050B | 1,6010D | DHL |
| Calcium, Total | 64500 | | mg/kg | 8.68 | 3.04 | 2 | 08/21/24 08:10 | 08/21/24 10:29 | EPA 3050B | 1,6010D | DHL |
| Chromium, Total | 12.6 | | mg/kg | 0.868 | 0.083 | 2 | 08/21/24 08:10 | 08/21/24 10:29 | EPA 3050B | 1,6010D | DHL |
| Cobalt, Total | 7.96 | | mg/kg | 1.74 | 0.144 | 2 | 08/21/24 08:10 | 08/21/24 10:29 | EPA 3050B | 1,6010D | DHL |
| Copper, Total | 16.6 | | mg/kg | 0.868 | 0.224 | 2 | 08/21/24 08:10 | 08/21/24 10:29 | EPA 3050B | 1,6010D | DHL |
| Iron, Total | 17200 | | mg/kg | 4.34 | 0.784 | 2 | 08/21/24 08:10 | 08/21/24 10:29 | EPA 3050B | 1,6010D | DHL |
| Lead, Total | 9.21 | | mg/kg | 4.34 | 0.233 | 2 | 08/21/24 08:10 | 08/21/24 10:29 | EPA 3050B | 1,6010D | DHL |
| Magnesium, Total | 23200 | | mg/kg | 8.68 | 1.34 | 2 | 08/21/24 08:10 | 08/21/24 10:29 | EPA 3050B | 1,6010D | DHL |
| Manganese, Total | 617 | | mg/kg | 0.868 | 0.138 | 2 | 08/21/24 08:10 | 08/21/24 10:29 | EPA 3050B | 1,6010D | DHL |
| Mercury, Total | ND | | mg/kg | 0.071 | 0.046 | 1 | 08/21/24 09:00 | 08/21/24 11:00 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 16.8 | | mg/kg | 2.17 | 0.210 | 2 | 08/21/24 08:10 | 08/21/24 10:29 | EPA 3050B | 1,6010D | DHL |
| Potassium, Total | 1160 | | mg/kg | 217 | 12.5 | 2 | 08/21/24 08:10 | 08/21/24 10:29 | EPA 3050B | 1,6010D | DHL |
| Selenium, Total | ND | | mg/kg | 1.74 | 0.224 | 2 | 08/21/24 08:10 | 08/21/24 10:29 | EPA 3050B | 1,6010D | DHL |
| Silver, Total | ND | | mg/kg | 0.434 | 0.246 | 2 | 08/21/24 08:10 | 08/21/24 10:29 | EPA 3050B | 1,6010D | DHL |
| Sodium, Total | 182 | | mg/kg | 174 | 2.73 | 2 | 08/21/24 08:10 | 08/21/24 10:29 | EPA 3050B | 1,6010D | DHL |
| Thallium, Total | 0.563 | J | mg/kg | 1.74 | 0.273 | 2 | 08/21/24 08:10 | 08/21/24 10:29 | EPA 3050B | 1,6010D | DHL |
| Vanadium, Total | 18.7 | | mg/kg | 0.868 | 0.176 | 2 | 08/21/24 08:10 | 08/21/24 10:29 | EPA 3050B | 1,6010D | DHL |
| Zinc, Total | 53.4 | | mg/kg | 4.34 | 0.254 | 2 | 08/21/24 08:10 | 08/21/24 10:29 | EPA 3050B | 1,6010D | DHL |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447323

**Project Number:** 100.002 **Report Date:** 08/21/24

# Method Blank Analysis
# Batch Quality Control

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1961864-1 | | | | | | | | | | |
| Aluminum, Total | ND | | mg/kg | 4.00 | 1.08 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Antimony, Total | ND | | mg/kg | 2.00 | 0.152 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Arsenic, Total | ND | | mg/kg | 0.400 | 0.083 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Barium, Total | ND | | mg/kg | 0.400 | 0.070 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Beryllium, Total | ND | | mg/kg | 0.200 | 0.013 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Cadmium, Total | ND | | mg/kg | 0.400 | 0.039 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Calcium, Total | ND | | mg/kg | 4.00 | 1.40 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Chromium, Total | ND | | mg/kg | 0.400 | 0.038 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Cobalt, Total | ND | | mg/kg | 0.800 | 0.066 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Copper, Total | ND | | mg/kg | 0.400 | 0.103 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Iron, Total | 0.788 | J | mg/kg | 2.00 | 0.361 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Lead, Total | ND | | mg/kg | 2.00 | 0.107 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Magnesium, Total | ND | | mg/kg | 4.00 | 0.616 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Manganese, Total | ND | | mg/kg | 0.400 | 0.064 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Nickel, Total | ND | | mg/kg | 1.00 | 0.097 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Potassium, Total | ND | | mg/kg | 100 | 5.76 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Selenium, Total | ND | | mg/kg | 0.800 | 0.103 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Silver, Total | ND | | mg/kg | 0.200 | 0.113 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Sodium, Total | ND | | mg/kg | 80.0 | 1.26 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Thallium, Total | ND | | mg/kg | 0.800 | 0.126 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Vanadium, Total | ND | | mg/kg | 0.400 | 0.081 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Zinc, Total | ND | | mg/kg | 2.00 | 0.117 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |

**Prep Information**

Digestion Method: EPA 3050B

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1961865-1 | | | | | | | | | | |
| Mercury, Total | ND | | mg/kg | 0.083 | 0.054 | 1 | 08/21/24 09:00 | 08/21/24 10:37 | 1,7471B | JWN |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002
**Lab Number:** L2447323
**Report Date:** 08/21/24

# Method Blank Analysis
# Batch Quality Control

**Prep Information**

Digestion Method: EPA 7471B

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2447323

**Report Date:** 08/21/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1961864-2 | | | | | | | | |
| Aluminum, Total | 98 | | - | | 80-120 | - | | |
| Antimony, Total | 99 | | - | | 80-120 | - | | |
| Arsenic, Total | 93 | | - | | 80-120 | - | | |
| Barium, Total | 100 | | - | | 80-120 | - | | |
| Beryllium, Total | 102 | | - | | 80-120 | - | | |
| Cadmium, Total | 97 | | - | | 80-120 | - | | |
| Calcium, Total | 102 | | - | | 80-120 | - | | |
| Chromium, Total | 96 | | - | | 80-120 | - | | |
| Cobalt, Total | 98 | | - | | 80-120 | - | | |
| Copper, Total | 99 | | - | | 80-120 | - | | |
| Iron, Total | 102 | | - | | 80-120 | - | | |
| Lead, Total | 98 | | - | | 80-120 | - | | |
| Magnesium, Total | 98 | | - | | 80-120 | - | | |
| Manganese, Total | 100 | | - | | 80-120 | - | | |
| Nickel, Total | 98 | | - | | 80-120 | - | | |
| Potassium, Total | 105 | | - | | 80-120 | - | | |
| Selenium, Total | 91 | | - | | 80-120 | - | | |
| Silver, Total | 98 | | - | | 80-120 | - | | |
| Sodium, Total | 105 | | - | | 80-120 | - | | |
| Thallium, Total | 91 | | - | | 80-120 | - | | |
| Vanadium, Total | 98 | | - | | 80-120 | - | | |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2447323

**Report Date:** 08/21/24

| Parameter | LCS %Recovery | LCSD %Recovery | %Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1961864-2 | | | | | |
| Zinc, Total | 97 | - | 80-120 | - | |
| Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1961865-2 | | | | | |
| Mercury, Total | 101 | - | 80-120 | - | |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447323
**Report Date:** 08/21/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1961864-3 WG1961864-4 QC Sample: L2447323-01 Client ID: LAGOON-SW-N7 | | | | | | | | | | | | |
| Aluminum, Total | 8670 | 176 | 8640 | **0** | Q | 8700 | **17** | Q | 75-125 | 1 | | 20 |
| Antimony, Total | ND | 43.9 | 34.1 | 78 | | 33.8 | 77 | | 75-125 | 1 | | 20 |
| Arsenic, Total | 3.14 | 10.5 | 15.2 | 114 | | 13.5 | 99 | | 75-125 | 12 | | 20 |
| Barium, Total | 106 | 176 | 233 | **72** | Q | 236 | **74** | Q | 75-125 | 1 | | 20 |
| Beryllium, Total | 0.412J | 4.39 | 4.28 | 97 | | 4.23 | 97 | | 75-125 | 1 | | 20 |
| Cadmium, Total | 0.189J | 4.66 | 3.66 | 78 | | 3.63 | 78 | | 75-125 | 1 | | 20 |
| Calcium, Total | 48500 | 879 | 56700 | **933** | Q | 52800 | **493** | Q | 75-125 | 7 | | 20 |
| Chromium, Total | 14.0 | 17.6 | 27.6 | 77 | | 27.9 | 80 | | 75-125 | 1 | | 20 |
| Cobalt, Total | 7.76 | 43.9 | 40.2 | **74** | Q | 40.6 | 75 | | 75-125 | 1 | | 20 |
| Copper, Total | 11.1 | 22 | 38.6 | 125 | | 37.2 | 120 | | 75-125 | 4 | | 20 |
| Iron, Total | 16100 | 87.9 | 20000 | **4440** | Q | 20300 | **4810** | Q | 75-125 | 1 | | 20 |
| Lead, Total | 18.8 | 46.6 | 54.1 | 76 | | 49.4 | **66** | Q | 75-125 | 9 | | 20 |
| Magnesium, Total | 14900 | 879 | 19000 | **466** | Q | 15800 | 103 | | 75-125 | 18 | | 20 |
| Manganese, Total | 448 | 43.9 | 525 | **175** | Q | 521 | **167** | Q | 75-125 | 1 | | 20 |
| Nickel, Total | 16.7 | 43.9 | 49.6 | 75 | | 49.5 | 75 | | 75-125 | 0 | | 20 |
| Potassium, Total | 1110 | 879 | 1930 | 93 | | 1900 | 90 | | 75-125 | 2 | | 20 |
| Selenium, Total | ND | 10.5 | 7.83 | **74** | Q | 7.84 | 75 | | 75-125 | 0 | | 20 |
| Silver, Total | ND | 4.39 | 3.85 | 88 | | 3.83 | 88 | | 75-125 | 1 | | 20 |
| Sodium, Total | 154J | 879 | 977 | 111 | | 949 | 109 | | 75-125 | 3 | | 20 |
| Thallium, Total | 0.505J | 10.5 | 8.55 | 81 | | 8.51 | 81 | | 75-125 | 0 | | 20 |
| Vanadium, Total | 16.2 | 43.9 | 59.4 | 98 | | 59.6 | 99 | | 75-125 | 0 | | 20 |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447323
**Report Date:** 08/21/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | | MSD Found | MSD %Recovery | Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1961864-3 WG1961864-4 QC Sample: L2447323-01 Client ID: LAGOON-SW-N7 | | | | | | | | | | |
| Zinc, Total | 60.9 | 43.9 | 91.7 | **70** | Q | 93.7 | 75 | 75-125 | 2 | 20 |
| Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1961865-3 WG1961865-4 QC Sample: L2447323-01 Client ID: LAGOON-SW-N7 | | | | | | | | | | |
| Mercury, Total | ND | 1.42 | 1.44 | 102 | | 1.41 | 99 | 80-120 | 2 | 20 |

# INORGANICS
# &
# MISCELLANEOUS

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447323
**Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447323-01
Client ID: LAGOON-SW-N7
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/20/24 11:30
Date Received: 08/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 89.1 | | % | 0.100 | NA | 1 | - | 08/21/24 03:12 | 121,2540G | WJM |
| Cyanide, Total | ND | | mg/kg | 1.1 | 0.23 | 1 | 08/21/24 12:25 | 08/21/24 16:21 | 1,9010C/9012B | JER |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447323
**Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447323-02
Client ID: DUPE-LAGOON
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/20/24 11:40
Date Received: 08/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 88.9 | | % | 0.100 | NA | 1 | - | 08/21/24 03:12 | 121,2540G | WJM |
| Cyanide, Total | ND | | mg/kg | 1.1 | 0.23 | 1 | 08/21/24 12:25 | 08/21/24 16:24 | 1,9010C/9012B | JER |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447323

**Project Number:** 100.002 **Report Date:** 08/21/24

## Method Blank Analysis
### Batch Quality Control

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG1962015-1 | | | | | | | | | | |
| Cyanide, Total | ND | | mg/kg | 0.95 | 0.20 | 1 | 08/21/24 12:25 | 08/21/24 15:52 | 1,9010C/9012B | JER |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2447323

**Report Date:** 08/21/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1962015-2 WG1962015-3 | | | | | | | | |
| Cyanide, Total | 87 | | 87 | | 80-120 | 6 | | 35 |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447323
**Report Date:** 08/21/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1962015-4 WG1962015-5 QC Sample: L2447323-01 Client ID: LAGOON-SW-N7 | | | | | | | | | | | | |
| Cyanide, Total | ND | 11 | 10 | 94 | | 10 | 95 | | 75-125 | 0 | | 35 |
| General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1962015-6 WG1962015-7 QC Sample: L2446726-01 Client ID: MS Sample | | | | | | | | | | | | |
| Cyanide, Total | ND | 10 | 10 | 97 | | 10 | 96 | | 75-125 | 0 | | 35 |

# Lab Duplicate Analysis

***Batch Quality Control***

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

***Lab Number:*** L2447323

***Report Date:*** 08/21/24

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1961835-1 QC Sample: L2447323-01 Client ID: LAGOON-SW-N7 | | | | | | |
| Solids, Total | 89.1 | 90.0 | % | 1 | | 20 |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447323
**Report Date:** 08/21/24

## Sample Receipt and Container Information

Were project specific reporting limits specified? YES

### Cooler Information

| Cooler | Custody Seal |
|---|---|
| A | Absent |

### Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2447323-01A | Glass 250ml/8oz unpreserved | A | NA | | 2.2 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),HERB-APA(14),HOLD-8260(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2447323-01A1 | Glass 250ml/8oz unpreserved | A | NA | | 2.2 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),HERB-APA(14),HOLD-8260(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2447323-01A2 | Glass 250ml/8oz unpreserved | A | NA | | 2.2 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),HERB-APA(14),HOLD-8260(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2447323-01B | Glass 60ml unpreserved split | A | NA | | 2.2 | Y | Absent | | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180) |
| L2447323-01B1 | Glass 60ml unpreserved split | A | NA | | 2.2 | Y | Absent | | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180) |
| L2447323-01B2 | Glass 60ml unpreserved split | A | NA | | 2.2 | Y | Absent | | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180) |
| L2447323-01X | Vial MeOH preserved split | A | NA | | 2.2 | Y | Absent | | HOLD-8260(14) |
| L2447323-01X1 | Vial MeOH preserved split | A | NA | | 2.2 | Y | Absent | | HOLD-8260(14) |
| L2447323-01X2 | Vial MeOH preserved split | A | NA | | 2.2 | Y | Absent | | HOLD-8260(14) |
| L2447323-01Y | Vial Water preserved split | A | NA | | 2.2 | Y | Absent | 21-AUG-24 06:21 | HOLD-8260(14) |
| L2447323-01Y1 | Vial Water preserved split | A | NA | | 2.2 | Y | Absent | 21-AUG-24 06:21 | HOLD-8260(14) |
| L2447323-01Y2 | Vial Water preserved split | A | NA | | 2.2 | Y | Absent | 21-AUG-24 06:21 | HOLD-8260(14) |
| L2447323-01Z | Vial Water preserved split | A | NA | | 2.2 | Y | Absent | 21-AUG-24 06:21 | HOLD-8260(14) |



*Values in parentheses indicate holding time in days

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447323
**Report Date:** 08/21/24

## Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2447323-01Z1 | Vial Water preserved split | A | NA | | 2.2 | Y | Absent | 21-AUG-24 06:21 | HOLD-8260(14) |
| L2447323-01Z2 | Vial Water preserved split | A | NA | | 2.2 | Y | Absent | 21-AUG-24 06:21 | HOLD-8260(14) |
| L2447323-02A | Glass 250ml/8oz unpreserved | A | NA | | 2.2 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),HOLD-8260(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2447323-02B | Glass 60ml unpreserved split | A | NA | | 2.2 | Y | Absent | | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180) |
| L2447323-02X | Vial MeOH preserved split | A | NA | | 2.2 | Y | Absent | | HOLD-8260(14) |
| L2447323-02Y | Vial Water preserved split | A | NA | | 2.2 | Y | Absent | 21-AUG-24 06:21 | HOLD-8260(14) |
| L2447323-02Z | Vial Water preserved split | A | NA | | 2.2 | Y | Absent | 21-AUG-24 06:21 | HOLD-8260(14) |



*Values in parentheses indicate holding time in days

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2447323 |
| **Project Number:** | 100.002 | **Report Date:** | 08/21/24 |

## GLOSSARY

***Acronyms***

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

*Report Format: DU Report with 'J' Qualifiers*

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2447323 |
| **Project Number:** | 100.002 | **Report Date:** | 08/21/24 |

***Footnotes***

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

***Terms***

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

***Data Qualifiers***

**A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

**B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

**C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

**D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

**E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

**F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

**G** - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

**H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

**I** - The lower value for the two columns has been reported due to obvious interference.

**J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

*Report Format: DU Report with 'J' Qualifiers*

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2447323 |
| **Project Number:** | 100.002 | **Report Date:** | 08/21/24 |

***Data Qualifiers***

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

**M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

**ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

**NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

**P** - The RPD between the results for the two columns exceeds the method-specified criteria.

**Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

**R** - Analytical results are from sample re-analysis.

**RE** - Analytical results are from sample re-extraction.

**S** - Analytical results are from modified screening analysis.

**V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

**Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

*Report Format: DU Report with 'J' Qualifiers*

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447323

**Project Number:** 100.002 **Report Date:** 08/21/24

## REFERENCES


1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.


## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

# Certification Information

**The following analytes are not included in our Primary NELAP Scope of Accreditation:**

**Westborough Facility**
**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene
**EPA 625.1:** alpha-Terpineol
**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
**EPA 8270E:** NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
**SM4500**: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

**Mansfield Facility**
**SM 2540D:** TSS.
**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
**Nonpotable Water: EPA RSK-175 Dissolved Gases**
**Biological Tissue Matrix:** EPA 3050B

**The following analytes are included in our Massachusetts DEP Scope of Accreditation**

**Westborough Facility:**

***Drinking Water***
**EPA 300.0**: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
**EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
**Microbiology**: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

***Non-Potable Water***
**SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
**EPA 624.1**: Volatile Halocarbons & Aromatics,
**EPA 608.3**: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
**EPA 625.1**: SVOC (Acid/Base/Neutral Extractables).
**Microbiology**: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

**Mansfield Facility:**

***Drinking Water***
**EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
**EPA 522, EPA 537.1.**

***Non-Potable Water***
**EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
**EPA 200.8:** Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
**EPA 245.1** Hg.
**SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

# NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

**Service Centers**
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 8/21/24

ALPHA Job #: L2447323

**Client Information**
Client: marsh eng/Leader
Address: 271 marsh Rd, suite 2 Pittsford, NY 14534
Phone: 585-248-2413
Fax:
Email: BAhrens@leaderlink.com

**Project Information**
Project Name: Bison Ite Paint Company
Project Location: 2266 Military Rd
Project #: 100.002
(Use Project name as Project #)
Project Manager: Bruce Ahrens
ALPHAQuote #:

**Turn-Around Time**
Standard ☐ Due Date: 1 day TAT
Rush (only if pre approved) ☒ # of Days:

**Deliverables**
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

**Billing Information**
☒ Same as Client Info
PO #

**Regulatory Requirement**
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

**Disposal Site Information**
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☒ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

**Other project specific requirements/comments:**

cc: espirito@leaderlink.com

**Please specify Metals or TAL.**

**ANALYSIS**

**Sample Filtration**
☐ Done
☒ Lab to do
*Preservation*
☐ Lab to do
*(Please Specify below)*

| ALPHA Lab ID (Lab Use Only) | Sample ID | Collection Date | Collection Time | Sample Matrix | Sampler's Initials | TCL VOCs | TCL SVOCs | TAL Metals + mercury + cyanide | TCL Herbicides | TCL Pesticides | PCBs | Sample Specific Comments | Total # Bottles |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L2447323-01 | Lagoon-SW-N-[redacted]7 | 8/20/24 | 11:30 | SOIL | es | X | X | X | X | X | X | ms/msd collected | 3 |
| -02 | Dupe-lagoon | 8/20/24 | 11:40 | SOIL | es | X | X | X | X | X | X | | |

Preservative Code: A = None; B = HCl; C = $HNO_3$; D = $H_2SO_4$; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

| | |
|---|---|
| Container Type | A |
| Preservative | A |

| Relinquished By: | Date/Time | Received By: | Date/Time |
|---|---|---|---|
| [signature] | 8/20/24 13:10 | Jocelyn Foley (PACE) | 8/20/24 13:10 |
| Jocelyn Foley (PACE) | 8/20/24 13:10 | Buffalo Receiving Center | 8/20/24 13:10 |
| Russell H. Bixby | 8-20-24 | [signature] | 8-20-24 |
| [signature] | 8-23-24 0130 | [signature] | 8/21/24 1:30 |

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

# ANALYTICAL REPORT

| | |
|---|---|
| Lab Number: | L2447311 |
| Client: | Leader Professional Services, Inc.<br>271 Marsh Road, Suite 2<br>Pittsford, NY 14534 |
| ATTN: | Bruce Ahrens |
| Phone: | (585) 248-2413 |
| Project Name: | BISONITE PAINT CO. |
| Project Number: | 100.002 |
| Report Date: | 08/21/24 |

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447311
**Report Date:** 08/21/24

| Alpha Sample ID | Client ID | Matrix | Sample Location | Collection Date/Time | Receive Date |
|---|---|---|---|---|---|
| L2447311-01 | BASE-01-09 | SOIL | 2266 MILITARY RD | 08/19/24 10:40 | 08/20/24 |
| L2447311-02 | BASE-02-09 | SOIL | 2266 MILITARY RD | 08/19/24 10:30 | 08/20/24 |

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2447311 |
| **Project Number:** | 100.002 | **Report Date:** | 08/21/24 |

## Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2447311 |
| **Project Number:** | 100.002 | **Report Date:** | 08/21/24 |

**Case Narrative (continued)**

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

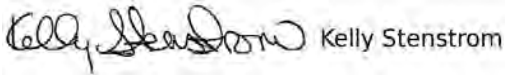
Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Total Metals

L2447311-01 and -02: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Kelly Stenstrom

Title: Technical Director/Representative Date: 08/21/24

# ORGANICS

# VOLATILES

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447311

**Project Number:** 100.002 **Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447311-01
Client ID: BASE-01-09
Sample Location: 2266 MILITARY RD

Date Collected: 08/19/24 10:40
Date Received: 08/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/21/24 12:01
Analyst: AJK
Percent Solids: 84%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 4.6 | 2.1 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 0.91 | 0.13 | 1 |
| Chloroform | ND | | ug/kg | 1.4 | 0.13 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 0.91 | 0.21 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 0.91 | 0.11 | 1 |
| Dibromochloromethane | ND | | ug/kg | 0.91 | 0.13 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 0.91 | 0.24 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.46 | 0.18 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.46 | 0.12 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 3.6 | 0.63 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 0.91 | 0.23 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.46 | 0.15 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.46 | 0.10 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 0.91 | 0.25 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.46 | 0.14 | 1 |
| Bromoform | ND | | ug/kg | 3.6 | 0.22 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.46 | 0.15 | 1 |
| Benzene | ND | | ug/kg | 0.46 | 0.15 | 1 |
| Toluene | ND | | ug/kg | 0.91 | 0.50 | 1 |
| Ethylbenzene | 0.75 | J | ug/kg | 0.91 | 0.13 | 1 |
| Chloromethane | ND | | ug/kg | 3.6 | 0.85 | 1 |
| Bromomethane | ND | | ug/kg | 1.8 | 0.53 | 1 |
| Vinyl chloride | ND | | ug/kg | 0.91 | 0.30 | 1 |
| Chloroethane | ND | | ug/kg | 1.8 | 0.41 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 0.91 | 0.22 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.4 | 0.12 | 1 |
| Trichloroethene | ND | | ug/kg | 0.46 | 0.12 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 1.8 | 0.13 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447311

**Project Number:** 100.002 **Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447311-01 Date Collected: 08/19/24 10:40

Client ID: BASE-01-09 Date Received: 08/20/24

Sample Location: 2266 MILITARY RD Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 1.8 | 0.13 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 1.8 | 0.16 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 1.8 | 0.18 | 1 |
| p/m-Xylene | 6.0 | | ug/kg | 1.8 | 0.51 | 1 |
| o-Xylene | 0.81 | J | ug/kg | 0.91 | 0.26 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 0.91 | 0.16 | 1 |
| Styrene | ND | | ug/kg | 0.91 | 0.18 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 9.1 | 0.83 | 1 |
| Acetone | 13 | | ug/kg | 9.1 | 4.4 | 1 |
| Carbon disulfide | ND | | ug/kg | 9.1 | 4.1 | 1 |
| 2-Butanone | 12 | | ug/kg | 9.1 | 2.0 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 9.1 | 1.2 | 1 |
| 2-Hexanone | ND | | ug/kg | 9.1 | 1.1 | 1 |
| Bromochloromethane | ND | | ug/kg | 1.8 | 0.19 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 0.91 | 0.25 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 2.7 | 0.91 | 1 |
| Isopropylbenzene | ND | | ug/kg | 0.91 | 0.10 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 1.8 | 0.29 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 1.8 | 0.25 | 1 |
| Methyl Acetate | ND | | ug/kg | 3.6 | 0.87 | 1 |
| Cyclohexane | ND | | ug/kg | 9.1 | 0.50 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 73 | 32. | 1 |
| Freon-113 | ND | | ug/kg | 3.6 | 0.63 | 1 |
| Methyl cyclohexane | ND | | ug/kg | 3.6 | 0.55 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 99 | | 70-130 |
| Toluene-d8 | 94 | | 70-130 |
| 4-Bromofluorobenzene | 102 | | 70-130 |
| Dibromofluoromethane | 105 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447311

**Project Number:** 100.002 **Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447311-02
Client ID: BASE-02-09
Sample Location: 2266 MILITARY RD

Date Collected: 08/19/24 10:30
Date Received: 08/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/21/24 12:26
Analyst: AJK
Percent Solids: 89%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 4.9 | 2.3 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 0.99 | 0.14 | 1 |
| Chloroform | ND | | ug/kg | 1.5 | 0.14 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 0.99 | 0.23 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 0.99 | 0.12 | 1 |
| Dibromochloromethane | ND | | ug/kg | 0.99 | 0.14 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 0.99 | 0.26 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.49 | 0.19 | 1 |
| Chlorobenzene | 0.31 | J | ug/kg | 0.49 | 0.12 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 4.0 | 0.69 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 0.99 | 0.25 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.49 | 0.16 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.49 | 0.11 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 0.99 | 0.27 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.49 | 0.16 | 1 |
| Bromoform | ND | | ug/kg | 4.0 | 0.24 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.49 | 0.16 | 1 |
| Benzene | ND | | ug/kg | 0.49 | 0.16 | 1 |
| Toluene | ND | | ug/kg | 0.99 | 0.54 | 1 |
| Ethylbenzene | ND | | ug/kg | 0.99 | 0.14 | 1 |
| Chloromethane | ND | | ug/kg | 4.0 | 0.92 | 1 |
| Bromomethane | ND | | ug/kg | 2.0 | 0.57 | 1 |
| Vinyl chloride | ND | | ug/kg | 0.99 | 0.33 | 1 |
| Chloroethane | ND | | ug/kg | 2.0 | 0.45 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 0.99 | 0.24 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.5 | 0.14 | 1 |
| Trichloroethene | ND | | ug/kg | 0.49 | 0.14 | 1 |
| 1,2-Dichlorobenzene | 0.29 | J | ug/kg | 2.0 | 0.14 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447311

**Project Number:** 100.002 **Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447311-02 Date Collected: 08/19/24 10:30

Client ID: BASE-02-09 Date Received: 08/20/24

Sample Location: 2266 MILITARY RD Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.15 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.17 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.0 | 0.20 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.0 | 0.55 | 1 |
| o-Xylene | ND | | ug/kg | 0.99 | 0.29 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 0.99 | 0.17 | 1 |
| Styrene | ND | | ug/kg | 0.99 | 0.19 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 9.9 | 0.90 | 1 |
| Acetone | 120 | | ug/kg | 9.9 | 4.8 | 1 |
| Carbon disulfide | ND | | ug/kg | 9.9 | 4.5 | 1 |
| 2-Butanone | 5.3 | J | ug/kg | 9.9 | 2.2 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 9.9 | 1.3 | 1 |
| 2-Hexanone | ND | | ug/kg | 9.9 | 1.2 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.0 | 0.20 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 0.99 | 0.28 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.0 | 0.98 | 1 |
| Isopropylbenzene | ND | | ug/kg | 0.99 | 0.11 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.32 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.27 | 1 |
| Methyl Acetate | ND | | ug/kg | 4.0 | 0.94 | 1 |
| Cyclohexane | ND | | ug/kg | 9.9 | 0.54 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 79 | 35. | 1 |
| Freon-113 | ND | | ug/kg | 4.0 | 0.68 | 1 |
| Methyl cyclohexane | ND | | ug/kg | 4.0 | 0.60 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 101 | | 70-130 |
| Toluene-d8 | 94 | | 70-130 |
| 4-Bromofluorobenzene | 96 | | 70-130 |
| Dibromofluoromethane | 105 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447311

**Project Number:** 100.002 **Report Date:** 08/21/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/21/24 09:27
Analyst: AJK

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1962174-5 | | | | | |
| Methylene chloride | ND | | ug/kg | 5.0 | 2.3 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.0 | 0.14 |
| Chloroform | 0.41 | J | ug/kg | 1.5 | 0.14 |
| Carbon tetrachloride | ND | | ug/kg | 1.0 | 0.23 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.0 | 0.12 |
| Dibromochloromethane | ND | | ug/kg | 1.0 | 0.14 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.0 | 0.27 |
| Tetrachloroethene | ND | | ug/kg | 0.50 | 0.20 |
| Chlorobenzene | ND | | ug/kg | 0.50 | 0.13 |
| Trichlorofluoromethane | ND | | ug/kg | 4.0 | 0.70 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.0 | 0.26 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.50 | 0.17 |
| Bromodichloromethane | ND | | ug/kg | 0.50 | 0.11 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.0 | 0.27 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.50 | 0.16 |
| Bromoform | ND | | ug/kg | 4.0 | 0.25 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.50 | 0.17 |
| Benzene | ND | | ug/kg | 0.50 | 0.17 |
| Toluene | ND | | ug/kg | 1.0 | 0.54 |
| Ethylbenzene | ND | | ug/kg | 1.0 | 0.14 |
| Chloromethane | ND | | ug/kg | 4.0 | 0.93 |
| Bromomethane | ND | | ug/kg | 2.0 | 0.58 |
| Vinyl chloride | ND | | ug/kg | 1.0 | 0.34 |
| Chloroethane | ND | | ug/kg | 2.0 | 0.45 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.0 | 0.24 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.5 | 0.14 |
| Trichloroethene | ND | | ug/kg | 0.50 | 0.14 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.14 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.15 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447311

**Project Number:** 100.002 **Report Date:** 08/21/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/21/24 09:27
Analyst: AJK

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1962174-5 | | | | | |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.17 |
| Methyl tert butyl ether | ND | | ug/kg | 2.0 | 0.20 |
| p/m-Xylene | ND | | ug/kg | 2.0 | 0.56 |
| o-Xylene | ND | | ug/kg | 1.0 | 0.29 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.0 | 0.18 |
| Styrene | ND | | ug/kg | 1.0 | 0.20 |
| Dichlorodifluoromethane | ND | | ug/kg | 10 | 0.92 |
| Acetone | ND | | ug/kg | 10 | 4.8 |
| Carbon disulfide | ND | | ug/kg | 10 | 4.6 |
| 2-Butanone | ND | | ug/kg | 10 | 2.2 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 10 | 1.3 |
| 2-Hexanone | ND | | ug/kg | 10 | 1.2 |
| Bromochloromethane | ND | | ug/kg | 2.0 | 0.20 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.0 | 0.28 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.0 | 1.0 |
| Isopropylbenzene | ND | | ug/kg | 1.0 | 0.11 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.32 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.27 |
| Methyl Acetate | ND | | ug/kg | 4.0 | 0.95 |
| Cyclohexane | ND | | ug/kg | 10 | 0.54 |
| 1,4-Dioxane | ND | | ug/kg | 80 | 35. |
| Freon-113 | ND | | ug/kg | 4.0 | 0.69 |
| Methyl cyclohexane | ND | | ug/kg | 4.0 | 0.60 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447311

**Project Number:** 100.002 **Report Date:** 08/21/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/21/24 09:27
Analyst: AJK

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1962174-5 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 97 | | 70-130 |
| Toluene-d8 | 94 | | 70-130 |
| 4-Bromofluorobenzene | 99 | | 70-130 |
| Dibromofluoromethane | 100 | | 70-130 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2447311

**Report Date:** 08/21/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1962174-3 WG1962174-4 | | | | | | | | |
| Methylene chloride | 88 | | 86 | | 70-130 | 2 | | 30 |
| 1,1-Dichloroethane | 92 | | 90 | | 70-130 | 2 | | 30 |
| Chloroform | 99 | | 98 | | 70-130 | 1 | | 30 |
| Carbon tetrachloride | 108 | | 107 | | 70-130 | 1 | | 30 |
| 1,2-Dichloropropane | 93 | | 91 | | 70-130 | 2 | | 30 |
| Dibromochloromethane | 104 | | 102 | | 70-130 | 2 | | 30 |
| 1,1,2-Trichloroethane | 92 | | 93 | | 70-130 | 1 | | 30 |
| Tetrachloroethene | 112 | | 109 | | 70-130 | 3 | | 30 |
| Chlorobenzene | 94 | | 92 | | 70-130 | 2 | | 30 |
| Trichlorofluoromethane | 104 | | 103 | | 70-139 | 1 | | 30 |
| 1,2-Dichloroethane | 93 | | 92 | | 70-130 | 1 | | 30 |
| 1,1,1-Trichloroethane | 106 | | 105 | | 70-130 | 1 | | 30 |
| Bromodichloromethane | 99 | | 99 | | 70-130 | 0 | | 30 |
| trans-1,3-Dichloropropene | 95 | | 94 | | 70-130 | 1 | | 30 |
| cis-1,3-Dichloropropene | 100 | | 98 | | 70-130 | 2 | | 30 |
| Bromoform | 102 | | 104 | | 70-130 | 2 | | 30 |
| 1,1,2,2-Tetrachloroethane | 88 | | 88 | | 70-130 | 0 | | 30 |
| Benzene | 93 | | 92 | | 70-130 | 1 | | 30 |
| Toluene | 92 | | 89 | | 70-130 | 3 | | 30 |
| Ethylbenzene | 93 | | 90 | | 70-130 | 3 | | 30 |
| Chloromethane | 84 | | 81 | | 52-130 | 4 | | 30 |
| Bromomethane | 57 | | **56** | Q | 57-147 | 2 | | 30 |
| Vinyl chloride | **58** | Q | **56** | Q | 67-130 | 4 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2447311

**Report Date:** 08/21/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1962174-3 WG1962174-4 | | | | | | | | |
| Chloroethane | 82 | | 82 | | 50-151 | 0 | | 30 |
| 1,1-Dichloroethene | 102 | | 100 | | 65-135 | 2 | | 30 |
| trans-1,2-Dichloroethene | 97 | | 96 | | 70-130 | 1 | | 30 |
| Trichloroethene | 104 | | 102 | | 70-130 | 2 | | 30 |
| 1,2-Dichlorobenzene | 96 | | 95 | | 70-130 | 1 | | 30 |
| 1,3-Dichlorobenzene | 97 | | 96 | | 70-130 | 1 | | 30 |
| 1,4-Dichlorobenzene | 96 | | 95 | | 70-130 | 1 | | 30 |
| Methyl tert butyl ether | 98 | | 98 | | 66-130 | 0 | | 30 |
| p/m-Xylene | 97 | | 94 | | 70-130 | 3 | | 30 |
| o-Xylene | 95 | | 92 | | 70-130 | 3 | | 30 |
| cis-1,2-Dichloroethene | 96 | | 96 | | 70-130 | 0 | | 30 |
| Styrene | 93 | | 91 | | 70-130 | 2 | | 30 |
| Dichlorodifluoromethane | 93 | | 89 | | 30-146 | 4 | | 30 |
| Acetone | 80 | | 77 | | 54-140 | 4 | | 30 |
| Carbon disulfide | 92 | | 87 | | 59-130 | 6 | | 30 |
| 2-Butanone | 86 | | 88 | | 70-130 | 2 | | 30 |
| 4-Methyl-2-pentanone | 90 | | 89 | | 70-130 | 1 | | 30 |
| 2-Hexanone | 81 | | 81 | | 70-130 | 0 | | 30 |
| Bromochloromethane | 105 | | 105 | | 70-130 | 0 | | 30 |
| 1,2-Dibromoethane | 93 | | 92 | | 70-130 | 1 | | 30 |
| 1,2-Dibromo-3-chloropropane | 98 | | 103 | | 68-130 | 5 | | 30 |
| Isopropylbenzene | 97 | | 94 | | 70-130 | 3 | | 30 |
| 1,2,3-Trichlorobenzene | 108 | | 106 | | 70-130 | 2 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2447311

**Report Date:** 08/21/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1962174-3 WG1962174-4 | | | | | | | | |
| 1,2,4-Trichlorobenzene | 112 | | 109 | | 70-130 | 3 | | 30 |
| Methyl Acetate | 86 | | 86 | | 51-146 | 0 | | 30 |
| Cyclohexane | 99 | | 95 | | 59-142 | 4 | | 30 |
| 1,4-Dioxane | 103 | | 106 | | 65-136 | 3 | | 30 |
| Freon-113 | 106 | | 104 | | 50-139 | 2 | | 30 |
| Methyl cyclohexane | 99 | | 98 | | 70-130 | 1 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 97 | | 95 | | 70-130 |
| Toluene-d8 | 97 | | 96 | | 70-130 |
| 4-Bromofluorobenzene | 97 | | 100 | | 70-130 |
| Dibromofluoromethane | 102 | | 104 | | 70-130 |

# SEMIVOLATILES

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447311

**Project Number:** 100.002 **Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447311-01
Client ID: BASE-01-09
Sample Location: 2266 MILITARY RD

Date Collected: 08/19/24 10:40
Date Received: 08/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/21/24 15:48
Analyst: MRG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 08/21/24 09:39

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 160 | 20. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 120 | 22. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 180 | 26. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 200 | 19. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 200 | 52. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 200 | 39. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 200 | 34. | 1 |
| Fluoranthene | ND | | ug/kg | 120 | 22. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 200 | 21. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 200 | 30. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 230 | 33. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 210 | 20. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 200 | 29. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 560 | 180 | 1 |
| Hexachloroethane | ND | | ug/kg | 160 | 32. | 1 |
| Isophorone | ND | | ug/kg | 180 | 25. | 1 |
| Naphthalene | ND | | ug/kg | 200 | 24. | 1 |
| Nitrobenzene | ND | | ug/kg | 180 | 29. | 1 |
| NDPA/DPA | ND | | ug/kg | 160 | 22. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 200 | 30. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 200 | 68. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 200 | 49. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 200 | 37. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 200 | 66. | 1 |
| Diethyl phthalate | ND | | ug/kg | 200 | 18. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 200 | 41. | 1 |
| Benzo(a)anthracene | ND | | ug/kg | 120 | 22. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 160 | 48. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447311

**Project Number:** 100.002 **Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447311-01 Date Collected: 08/19/24 10:40

Client ID: BASE-01-09 Date Received: 08/20/24

Sample Location: 2266 MILITARY RD Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | ND | | ug/kg | 120 | 33. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 120 | 31. | 1 |
| Chrysene | ND | | ug/kg | 120 | 20. | 1 |
| Acenaphthylene | ND | | ug/kg | 160 | 30. | 1 |
| Anthracene | ND | | ug/kg | 120 | 38. | 1 |
| Benzo(ghi)perylene | ND | | ug/kg | 160 | 23. | 1 |
| Fluorene | ND | | ug/kg | 200 | 19. | 1 |
| Phenanthrene | ND | | ug/kg | 120 | 24. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 120 | 23. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 160 | 27. | 1 |
| Pyrene | ND | | ug/kg | 120 | 19. | 1 |
| Biphenyl | ND | | ug/kg | 450 | 25. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 200 | 36. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 200 | 38. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 200 | 37. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 200 | 81. | 1 |
| Dibenzofuran | ND | | ug/kg | 200 | 18. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 230 | 24. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 200 | 20. | 1 |
| Acetophenone | ND | | ug/kg | 200 | 24. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 120 | 37. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 200 | 29. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 200 | 23. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 180 | 31. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 200 | 65. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 420 | 74. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 270 | 80. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 940 | 91. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 510 | 94. | 1 |
| Pentachlorophenol | ND | | ug/kg | 160 | 43. | 1 |
| Phenol | ND | | ug/kg | 200 | 30. | 1 |
| 2-Methylphenol | ND | | ug/kg | 200 | 30. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 280 | 31. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 200 | 38. | 1 |
| Carbazole | ND | | ug/kg | 200 | 19. | 1 |
| Atrazine | ND | | ug/kg | 160 | 68. | 1 |
| Benzaldehyde | ND | | ug/kg | 260 | 53. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447311

**Project Number:** 100.002 **Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447311-01 Date Collected: 08/19/24 10:40

Client ID: BASE-01-09 Date Received: 08/20/24

Sample Location: 2266 MILITARY RD Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 200 | 60. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 200 | 40. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 60 | | 25-120 |
| Phenol-d6 | 59 | | 10-120 |
| Nitrobenzene-d5 | 49 | | 23-120 |
| 2-Fluorobiphenyl | 64 | | 30-120 |
| 2,4,6-Tribromophenol | 68 | | 10-136 |
| 4-Terphenyl-d14 | 60 | | 18-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447311

**Project Number:** 100.002 **Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447311-02
Client ID: BASE-02-09
Sample Location: 2266 MILITARY RD

Date Collected: 08/19/24 10:30
Date Received: 08/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/21/24 11:56
Analyst: IM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 08/21/24 05:25

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 140 | 19. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 110 | 20. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 160 | 25. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 180 | 18. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 180 | 48. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 180 | 36. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 180 | 31. | 1 |
| Fluoranthene | ND | | ug/kg | 110 | 21. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 180 | 19. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 220 | 31. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 200 | 18. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 180 | 26. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 520 | 160 | 1 |
| Hexachloroethane | ND | | ug/kg | 140 | 29. | 1 |
| Isophorone | ND | | ug/kg | 160 | 24. | 1 |
| Naphthalene | ND | | ug/kg | 180 | 22. | 1 |
| Nitrobenzene | ND | | ug/kg | 160 | 27. | 1 |
| NDPA/DPA | ND | | ug/kg | 140 | 21. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 180 | 63. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 180 | 46. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 180 | 34. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 180 | 62. | 1 |
| Diethyl phthalate | ND | | ug/kg | 180 | 17. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 180 | 38. | 1 |
| Benzo(a)anthracene | ND | | ug/kg | 110 | 20. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 140 | 44. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447311

**Project Number:** 100.002 **Report Date:** 08/21/24

**SAMPLE RESULTS**

Lab ID: L2447311-02 Date Collected: 08/19/24 10:30

Client ID: BASE-02-09 Date Received: 08/20/24

Sample Location: 2266 MILITARY RD Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | ND | | ug/kg | 110 | 30. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 110 | 29. | 1 |
| Chrysene | ND | | ug/kg | 110 | 19. | 1 |
| Acenaphthylene | ND | | ug/kg | 140 | 28. | 1 |
| Anthracene | ND | | ug/kg | 110 | 35. | 1 |
| Benzo(ghi)perylene | ND | | ug/kg | 140 | 21. | 1 |
| Fluorene | ND | | ug/kg | 180 | 18. | 1 |
| Phenanthrene | ND | | ug/kg | 110 | 22. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 110 | 21. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 140 | 25. | 1 |
| Pyrene | ND | | ug/kg | 110 | 18. | 1 |
| Biphenyl | ND | | ug/kg | 410 | 24. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 180 | 33. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 180 | 35. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 180 | 34. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 180 | 75. | 1 |
| Dibenzofuran | ND | | ug/kg | 180 | 17. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 220 | 22. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 180 | 19. | 1 |
| Acetophenone | ND | | ug/kg | 180 | 22. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 110 | 34. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 180 | 27. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 180 | 21. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 160 | 29. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 180 | 60. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 390 | 68. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 250 | 74. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 870 | 84. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 470 | 87. | 1 |
| Pentachlorophenol | ND | | ug/kg | 140 | 40. | 1 |
| Phenol | ND | | ug/kg | 180 | 27. | 1 |
| 2-Methylphenol | ND | | ug/kg | 180 | 28. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 260 | 28. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 180 | 35. | 1 |
| Carbazole | ND | | ug/kg | 180 | 18. | 1 |
| Atrazine | ND | | ug/kg | 140 | 64. | 1 |
| Benzaldehyde | ND | | ug/kg | 240 | 49. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447311

**Project Number:** 100.002 **Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447311-02 Date Collected: 08/19/24 10:30

Client ID: BASE-02-09 Date Received: 08/20/24

Sample Location: 2266 MILITARY RD Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 180 | 55. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 180 | 37. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 64 | | 25-120 |
| Phenol-d6 | 65 | | 10-120 |
| Nitrobenzene-d5 | 62 | | 23-120 |
| 2-Fluorobiphenyl | 61 | | 30-120 |
| 2,4,6-Tribromophenol | 70 | | 10-136 |
| 4-Terphenyl-d14 | 65 | | 18-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447311

**Project Number:** 100.002 **Report Date:** 08/21/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/21/24 10:48
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 08/21/24 05:25

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1961858-1 | | | | | |
| Acenaphthene | ND | | ug/kg | 130 | 17. |
| Hexachlorobenzene | ND | | ug/kg | 99 | 18. |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 150 | 22. |
| 2-Chloronaphthalene | ND | | ug/kg | 160 | 16. |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 160 | 44. |
| 2,4-Dinitrotoluene | ND | | ug/kg | 160 | 33. |
| 2,6-Dinitrotoluene | ND | | ug/kg | 160 | 28. |
| Fluoranthene | ND | | ug/kg | 99 | 19. |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 160 | 18. |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 160 | 25. |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 200 | 28. |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 180 | 16. |
| Hexachlorobutadiene | ND | | ug/kg | 160 | 24. |
| Hexachlorocyclopentadiene | ND | | ug/kg | 470 | 150 |
| Hexachloroethane | ND | | ug/kg | 130 | 26. |
| Isophorone | ND | | ug/kg | 150 | 21. |
| Naphthalene | ND | | ug/kg | 160 | 20. |
| Nitrobenzene | ND | | ug/kg | 150 | 24. |
| NDPA/DPA | ND | | ug/kg | 130 | 19. |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 160 | 25. |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 160 | 57. |
| Butyl benzyl phthalate | ND | | ug/kg | 160 | 41. |
| Di-n-butylphthalate | ND | | ug/kg | 160 | 31. |
| Di-n-octylphthalate | ND | | ug/kg | 160 | 56. |
| Diethyl phthalate | ND | | ug/kg | 160 | 15. |
| Dimethyl phthalate | ND | | ug/kg | 160 | 34. |
| Benzo(a)anthracene | ND | | ug/kg | 99 | 18. |
| Benzo(a)pyrene | ND | | ug/kg | 130 | 40. |
| Benzo(b)fluoranthene | ND | | ug/kg | 99 | 28. |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447311

**Project Number:** 100.002 **Report Date:** 08/21/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/21/24 10:48
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 08/21/24 05:25

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1961858-1 | | | | | |
| Benzo(k)fluoranthene | ND | | ug/kg | 99 | 26. |
| Chrysene | ND | | ug/kg | 99 | 17. |
| Acenaphthylene | ND | | ug/kg | 130 | 25. |
| Anthracene | ND | | ug/kg | 99 | 32. |
| Benzo(ghi)perylene | ND | | ug/kg | 130 | 19. |
| Fluorene | ND | | ug/kg | 160 | 16. |
| Phenanthrene | ND | | ug/kg | 99 | 20. |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 99 | 19. |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 130 | 23. |
| Pyrene | ND | | ug/kg | 99 | 16. |
| Biphenyl | ND | | ug/kg | 370 | 21. |
| 4-Chloroaniline | ND | | ug/kg | 160 | 30. |
| 2-Nitroaniline | ND | | ug/kg | 160 | 32. |
| 3-Nitroaniline | ND | | ug/kg | 160 | 31. |
| 4-Nitroaniline | ND | | ug/kg | 160 | 68. |
| Dibenzofuran | ND | | ug/kg | 160 | 16. |
| 2-Methylnaphthalene | ND | | ug/kg | 200 | 20. |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 160 | 17. |
| Acetophenone | ND | | ug/kg | 160 | 20. |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 99 | 31. |
| p-Chloro-m-cresol | ND | | ug/kg | 160 | 24. |
| 2-Chlorophenol | ND | | ug/kg | 160 | 19. |
| 2,4-Dichlorophenol | ND | | ug/kg | 150 | 26. |
| 2,4-Dimethylphenol | ND | | ug/kg | 160 | 54. |
| 2-Nitrophenol | ND | | ug/kg | 360 | 62. |
| 4-Nitrophenol | ND | | ug/kg | 230 | 67. |
| 2,4-Dinitrophenol | ND | | ug/kg | 790 | 76. |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 430 | 79. |
| Pentachlorophenol | ND | | ug/kg | 130 | 36. |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447311

**Project Number:** 100.002 **Report Date:** 08/21/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/21/24 10:48
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 08/21/24 05:25

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1961858-1 | | | | | |
| Phenol | ND | | ug/kg | 160 | 25. |
| 2-Methylphenol | ND | | ug/kg | 160 | 25. |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 240 | 26. |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 160 | 31. |
| Carbazole | ND | | ug/kg | 160 | 16. |
| Atrazine | ND | | ug/kg | 130 | 58. |
| Benzaldehyde | ND | | ug/kg | 220 | 44. |
| Caprolactam | ND | | ug/kg | 160 | 50. |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 160 | 33. |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 71 | | 25-120 |
| Phenol-d6 | 73 | | 10-120 |
| Nitrobenzene-d5 | 67 | | 23-120 |
| 2-Fluorobiphenyl | 69 | | 30-120 |
| 2,4,6-Tribromophenol | 77 | | 10-136 |
| 4-Terphenyl-d14 | 73 | | 18-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447311

**Project Number:** 100.002 **Report Date:** 08/21/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/21/24 14:55
Analyst: MRG

Extraction Method: EPA 3546
Extraction Date: 08/21/24 09:39

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1962028-1 | | | | | |
| Acenaphthene | ND | | ug/kg | 130 | 17. |
| Hexachlorobenzene | ND | | ug/kg | 99 | 18. |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 150 | 22. |
| 2-Chloronaphthalene | ND | | ug/kg | 160 | 16. |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 160 | 44. |
| 2,4-Dinitrotoluene | ND | | ug/kg | 160 | 33. |
| 2,6-Dinitrotoluene | ND | | ug/kg | 160 | 28. |
| Fluoranthene | ND | | ug/kg | 99 | 19. |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 160 | 18. |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 160 | 25. |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 200 | 28. |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 180 | 16. |
| Hexachlorobutadiene | ND | | ug/kg | 160 | 24. |
| Hexachlorocyclopentadiene | ND | | ug/kg | 470 | 150 |
| Hexachloroethane | ND | | ug/kg | 130 | 27. |
| Isophorone | ND | | ug/kg | 150 | 21. |
| Naphthalene | ND | | ug/kg | 160 | 20. |
| Nitrobenzene | ND | | ug/kg | 150 | 24. |
| NDPA/DPA | ND | | ug/kg | 130 | 19. |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 160 | 25. |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 160 | 57. |
| Butyl benzyl phthalate | ND | | ug/kg | 160 | 42. |
| Di-n-butylphthalate | ND | | ug/kg | 160 | 31. |
| Di-n-octylphthalate | ND | | ug/kg | 160 | 56. |
| Diethyl phthalate | ND | | ug/kg | 160 | 15. |
| Dimethyl phthalate | ND | | ug/kg | 160 | 35. |
| Benzo(a)anthracene | ND | | ug/kg | 99 | 18. |
| Benzo(a)pyrene | ND | | ug/kg | 130 | 40. |
| Benzo(b)fluoranthene | ND | | ug/kg | 99 | 28. |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447311

**Project Number:** 100.002 **Report Date:** 08/21/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/21/24 14:55
Analyst: MRG

Extraction Method: EPA 3546
Extraction Date: 08/21/24 09:39

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1962028-1 | | | | | |
| Benzo(k)fluoranthene | ND | | ug/kg | 99 | 26. |
| Chrysene | ND | | ug/kg | 99 | 17. |
| Acenaphthylene | ND | | ug/kg | 130 | 25. |
| Anthracene | ND | | ug/kg | 99 | 32. |
| Benzo(ghi)perylene | ND | | ug/kg | 130 | 19. |
| Fluorene | ND | | ug/kg | 160 | 16. |
| Phenanthrene | ND | | ug/kg | 99 | 20. |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 99 | 19. |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 130 | 23. |
| Pyrene | ND | | ug/kg | 99 | 16. |
| Biphenyl | ND | | ug/kg | 380 | 21. |
| 4-Chloroaniline | ND | | ug/kg | 160 | 30. |
| 2-Nitroaniline | ND | | ug/kg | 160 | 32. |
| 3-Nitroaniline | ND | | ug/kg | 160 | 31. |
| 4-Nitroaniline | ND | | ug/kg | 160 | 68. |
| Dibenzofuran | ND | | ug/kg | 160 | 16. |
| 2-Methylnaphthalene | ND | | ug/kg | 200 | 20. |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 160 | 17. |
| Acetophenone | ND | | ug/kg | 160 | 20. |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 99 | 31. |
| p-Chloro-m-cresol | ND | | ug/kg | 160 | 24. |
| 2-Chlorophenol | ND | | ug/kg | 160 | 19. |
| 2,4-Dichlorophenol | ND | | ug/kg | 150 | 26. |
| 2,4-Dimethylphenol | ND | | ug/kg | 160 | 54. |
| 2-Nitrophenol | ND | | ug/kg | 360 | 62. |
| 4-Nitrophenol | ND | | ug/kg | 230 | 67. |
| 2,4-Dinitrophenol | ND | | ug/kg | 790 | 77. |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 430 | 79. |
| Pentachlorophenol | ND | | ug/kg | 130 | 36. |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447311

**Project Number:** 100.002 **Report Date:** 08/21/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/21/24 14:55
Analyst: MRG

Extraction Method: EPA 3546
Extraction Date: 08/21/24 09:39

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1962028-1 | | | | | |
| Phenol | ND | | ug/kg | 160 | 25. |
| 2-Methylphenol | ND | | ug/kg | 160 | 26. |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 240 | 26. |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 160 | 32. |
| Carbazole | ND | | ug/kg | 160 | 16. |
| Atrazine | ND | | ug/kg | 130 | 58. |
| Benzaldehyde | ND | | ug/kg | 220 | 44. |
| Caprolactam | ND | | ug/kg | 160 | 50. |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 160 | 33. |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 58 | | 25-120 |
| Phenol-d6 | 58 | | 10-120 |
| Nitrobenzene-d5 | 44 | | 23-120 |
| 2-Fluorobiphenyl | 62 | | 30-120 |
| 2,4,6-Tribromophenol | 58 | | 10-136 |
| 4-Terphenyl-d14 | 67 | | 18-120 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447311
**Report Date:** 08/21/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1961858-2 WG1961858-3 | | | | | | | | |
| Acenaphthene | 65 | | 64 | | 31-137 | 2 | | 50 |
| Hexachlorobenzene | 69 | | 67 | | 40-140 | 3 | | 50 |
| Bis(2-chloroethyl)ether | 66 | | 66 | | 40-140 | 0 | | 50 |
| 2-Chloronaphthalene | 68 | | 67 | | 40-140 | 1 | | 50 |
| 3,3'-Dichlorobenzidine | 53 | | 55 | | 40-140 | 4 | | 50 |
| 2,4-Dinitrotoluene | 80 | | 79 | | 40-132 | 1 | | 50 |
| 2,6-Dinitrotoluene | 79 | | 78 | | 40-140 | 1 | | 50 |
| Fluoranthene | 69 | | 68 | | 40-140 | 1 | | 50 |
| 4-Chlorophenyl phenyl ether | 64 | | 64 | | 40-140 | 0 | | 50 |
| 4-Bromophenyl phenyl ether | 66 | | 66 | | 40-140 | 0 | | 50 |
| Bis(2-chloroisopropyl)ether | 66 | | 66 | | 40-140 | 0 | | 50 |
| Bis(2-chloroethoxy)methane | 71 | | 72 | | 40-117 | 1 | | 50 |
| Hexachlorobutadiene | 61 | | 59 | | 40-140 | 3 | | 50 |
| Hexachlorocyclopentadiene | 51 | | 49 | | 40-140 | 4 | | 50 |
| Hexachloroethane | 67 | | 65 | | 40-140 | 3 | | 50 |
| Isophorone | 70 | | 71 | | 40-140 | 1 | | 50 |
| Naphthalene | 64 | | 62 | | 40-140 | 3 | | 50 |
| Nitrobenzene | 71 | | 71 | | 40-140 | 0 | | 50 |
| NDPA/DPA | 67 | | 67 | | 36-157 | 0 | | 50 |
| n-Nitrosodi-n-propylamine | 69 | | 70 | | 32-121 | 1 | | 50 |
| Bis(2-ethylhexyl)phthalate | 72 | | 71 | | 40-140 | 1 | | 50 |
| Butyl benzyl phthalate | 75 | | 75 | | 40-140 | 0 | | 50 |
| Di-n-butylphthalate | 74 | | 73 | | 40-140 | 1 | | 50 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447311
**Report Date:** 08/21/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1961858-2 WG1961858-3 | | | | | | | | |
| Di-n-octylphthalate | 73 | | 72 | | 40-140 | 1 | | 50 |
| Diethyl phthalate | 68 | | 67 | | 40-140 | 1 | | 50 |
| Dimethyl phthalate | 71 | | 70 | | 40-140 | 1 | | 50 |
| Benzo(a)anthracene | 63 | | 63 | | 40-140 | 0 | | 50 |
| Benzo(a)pyrene | 64 | | 63 | | 40-140 | 2 | | 50 |
| Benzo(b)fluoranthene | 64 | | 64 | | 40-140 | 0 | | 50 |
| Benzo(k)fluoranthene | 62 | | 61 | | 40-140 | 2 | | 50 |
| Chrysene | 61 | | 61 | | 40-140 | 0 | | 50 |
| Acenaphthylene | 69 | | 68 | | 40-140 | 1 | | 50 |
| Anthracene | 70 | | 68 | | 40-140 | 3 | | 50 |
| Benzo(ghi)perylene | 66 | | 66 | | 40-140 | 0 | | 50 |
| Fluorene | 66 | | 65 | | 40-140 | 2 | | 50 |
| Phenanthrene | 69 | | 68 | | 40-140 | 1 | | 50 |
| Dibenzo(a,h)anthracene | 66 | | 67 | | 40-140 | 2 | | 50 |
| Indeno(1,2,3-cd)pyrene | 66 | | 67 | | 40-140 | 2 | | 50 |
| Pyrene | 69 | | 68 | | 35-142 | 1 | | 50 |
| Biphenyl | 67 | | 66 | | 37-127 | 2 | | 50 |
| 4-Chloroaniline | 59 | | 59 | | 40-140 | 0 | | 50 |
| 2-Nitroaniline | 82 | | 83 | | 47-134 | 1 | | 50 |
| 3-Nitroaniline | 61 | | 65 | | 26-129 | 6 | | 50 |
| 4-Nitroaniline | 69 | | 68 | | 41-125 | 1 | | 50 |
| Dibenzofuran | 65 | | 64 | | 40-140 | 2 | | 50 |
| 2-Methylnaphthalene | 67 | | 66 | | 40-140 | 2 | | 50 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447311
**Report Date:** 08/21/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1961858-2 WG1961858-3 | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | 65 | | 64 | | 40-117 | 2 | | 50 |
| Acetophenone | 70 | | 70 | | 14-144 | 0 | | 50 |
| 2,4,6-Trichlorophenol | 71 | | 69 | | 30-130 | 3 | | 50 |
| p-Chloro-m-cresol | 72 | | 72 | | 26-103 | 0 | | 50 |
| 2-Chlorophenol | 69 | | 70 | | 25-102 | 1 | | 50 |
| 2,4-Dichlorophenol | 74 | | 74 | | 30-130 | 0 | | 50 |
| 2,4-Dimethylphenol | 61 | | 61 | | 30-130 | 0 | | 50 |
| 2-Nitrophenol | 78 | | 78 | | 30-130 | 0 | | 50 |
| 4-Nitrophenol | 81 | | 80 | | 11-114 | 1 | | 50 |
| 2,4-Dinitrophenol | 72 | | 72 | | 4-130 | 0 | | 50 |
| 4,6-Dinitro-o-cresol | 82 | | 82 | | 10-130 | 0 | | 50 |
| Pentachlorophenol | 64 | | 63 | | 17-109 | 2 | | 50 |
| Phenol | 71 | | 72 | | 26-90 | 1 | | 50 |
| 2-Methylphenol | 72 | | 74 | | 30-130. | 3 | | 50 |
| 3-Methylphenol/4-Methylphenol | 78 | | 80 | | 30-130 | 3 | | 50 |
| 2,4,5-Trichlorophenol | 74 | | 73 | | 30-130 | 1 | | 50 |
| Carbazole | 68 | | 69 | | 54-128 | 1 | | 50 |
| Atrazine | 64 | | 64 | | 40-140 | 0 | | 50 |
| Benzaldehyde | 54 | | 53 | | 40-140 | 2 | | 50 |
| Caprolactam | 80 | | 79 | | 15-130 | 1 | | 50 |
| 2,3,4,6-Tetrachlorophenol | 71 | | 69 | | 40-140 | 3 | | 50 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447311
**Report Date:** 08/21/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1961858-2 WG1961858-3 | | | | | | | | |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 2-Fluorophenol | 71 | | 70 | | 25-120 |
| Phenol-d6 | 71 | | 72 | | 10-120 |
| Nitrobenzene-d5 | 68 | | 67 | | 23-120 |
| 2-Fluorobiphenyl | 64 | | 62 | | 30-120 |
| 2,4,6-Tribromophenol | 72 | | 71 | | 10-136 |
| 4-Terphenyl-d14 | 66 | | 64 | | 18-120 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447311
**Report Date:** 08/21/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1962028-2 WG1962028-3 | | | | | | | | |
| Acenaphthene | 70 | | 60 | | 31-137 | 15 | | 50 |
| Hexachlorobenzene | 77 | | 65 | | 40-140 | 17 | | 50 |
| Bis(2-chloroethyl)ether | 66 | | 54 | | 40-140 | 20 | | 50 |
| 2-Chloronaphthalene | 76 | | 63 | | 40-140 | 19 | | 50 |
| 3,3'-Dichlorobenzidine | 54 | | 46 | | 40-140 | 16 | | 50 |
| 2,4-Dinitrotoluene | 71 | | 60 | | 40-132 | 17 | | 50 |
| 2,6-Dinitrotoluene | 78 | | 65 | | 40-140 | 18 | | 50 |
| Fluoranthene | 78 | | 65 | | 40-140 | 18 | | 50 |
| 4-Chlorophenyl phenyl ether | 73 | | 63 | | 40-140 | 15 | | 50 |
| 4-Bromophenyl phenyl ether | 77 | | 62 | | 40-140 | 22 | | 50 |
| Bis(2-chloroisopropyl)ether | 41 | | **34** | Q | 40-140 | 19 | | 50 |
| Bis(2-chloroethoxy)methane | 71 | | 57 | | 40-117 | 22 | | 50 |
| Hexachlorobutadiene | 80 | | 66 | | 40-140 | 19 | | 50 |
| Hexachlorocyclopentadiene | 55 | | 45 | | 40-140 | 20 | | 50 |
| Hexachloroethane | 65 | | 54 | | 40-140 | 18 | | 50 |
| Isophorone | 66 | | 54 | | 40-140 | 20 | | 50 |
| Naphthalene | 73 | | 61 | | 40-140 | 18 | | 50 |
| Nitrobenzene | 62 | | 54 | | 40-140 | 14 | | 50 |
| NDPA/DPA | 72 | | 62 | | 36-157 | 15 | | 50 |
| n-Nitrosodi-n-propylamine | 62 | | 51 | | 32-121 | 19 | | 50 |
| Bis(2-ethylhexyl)phthalate | 68 | | 57 | | 40-140 | 18 | | 50 |
| Butyl benzyl phthalate | 72 | | 63 | | 40-140 | 13 | | 50 |
| Di-n-butylphthalate | 76 | | 62 | | 40-140 | 20 | | 50 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447311
**Report Date:** 08/21/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1962028-2 WG1962028-3 | | | | | | | | |
| Di-n-octylphthalate | 68 | | 56 | | 40-140 | 19 | | 50 |
| Diethyl phthalate | 70 | | 59 | | 40-140 | 17 | | 50 |
| Dimethyl phthalate | 79 | | 65 | | 40-140 | 19 | | 50 |
| Benzo(a)anthracene | 68 | | 57 | | 40-140 | 18 | | 50 |
| Benzo(a)pyrene | 71 | | 57 | | 40-140 | 22 | | 50 |
| Benzo(b)fluoranthene | 74 | | 55 | | 40-140 | 29 | | 50 |
| Benzo(k)fluoranthene | 66 | | 60 | | 40-140 | 10 | | 50 |
| Chrysene | 70 | | 58 | | 40-140 | 19 | | 50 |
| Acenaphthylene | 74 | | 61 | | 40-140 | 19 | | 50 |
| Anthracene | 77 | | 64 | | 40-140 | 18 | | 50 |
| Benzo(ghi)perylene | 73 | | 60 | | 40-140 | 20 | | 50 |
| Fluorene | 73 | | 59 | | 40-140 | 21 | | 50 |
| Phenanthrene | 76 | | 62 | | 40-140 | 20 | | 50 |
| Dibenzo(a,h)anthracene | 74 | | 61 | | 40-140 | 19 | | 50 |
| Indeno(1,2,3-cd)pyrene | 72 | | 60 | | 40-140 | 18 | | 50 |
| Pyrene | 77 | | 65 | | 35-142 | 17 | | 50 |
| Biphenyl | 77 | | 65 | | 37-127 | 17 | | 50 |
| 4-Chloroaniline | **38** | Q | **32** | Q | 40-140 | 17 | | 50 |
| 2-Nitroaniline | 76 | | 61 | | 47-134 | 22 | | 50 |
| 3-Nitroaniline | 53 | | 43 | | 26-129 | 21 | | 50 |
| 4-Nitroaniline | 69 | | 59 | | 41-125 | 16 | | 50 |
| Dibenzofuran | 69 | | 61 | | 40-140 | 12 | | 50 |
| 2-Methylnaphthalene | 77 | | 63 | | 40-140 | 20 | | 50 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447311
**Report Date:** 08/21/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1962028-2 WG1962028-3 | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | 78 | | 66 | | 40-117 | 17 | | 50 |
| Acetophenone | 72 | | 59 | | 14-144 | 20 | | 50 |
| 2,4,6-Trichlorophenol | 79 | | 65 | | 30-130 | 19 | | 50 |
| p-Chloro-m-cresol | 74 | | 61 | | 26-103 | 19 | | 50 |
| 2-Chlorophenol | 73 | | 60 | | 25-102 | 20 | | 50 |
| 2,4-Dichlorophenol | 77 | | 62 | | 30-130 | 22 | | 50 |
| 2,4-Dimethylphenol | 55 | | 46 | | 30-130 | 18 | | 50 |
| 2-Nitrophenol | 73 | | 61 | | 30-130 | 18 | | 50 |
| 4-Nitrophenol | 60 | | 52 | | 11-114 | 14 | | 50 |
| 2,4-Dinitrophenol | 57 | | 53 | | 4-130 | 7 | | 50 |
| 4,6-Dinitro-o-cresol | 71 | | 64 | | 10-130 | 10 | | 50 |
| Pentachlorophenol | 76 | | 62 | | 17-109 | 20 | | 50 |
| Phenol | 71 | | 58 | | 26-90 | 20 | | 50 |
| 2-Methylphenol | 71 | | 58 | | 30-130. | 20 | | 50 |
| 3-Methylphenol/4-Methylphenol | 74 | | 60 | | 30-130 | 21 | | 50 |
| 2,4,5-Trichlorophenol | 87 | | 67 | | 30-130 | 26 | | 50 |
| Carbazole | 75 | | 62 | | 54-128 | 19 | | 50 |
| Atrazine | 74 | | 63 | | 40-140 | 16 | | 50 |
| Benzaldehyde | 64 | | 53 | | 40-140 | 19 | | 50 |
| Caprolactam | 54 | | 42 | | 15-130 | 25 | | 50 |
| 2,3,4,6-Tetrachlorophenol | 79 | | 65 | | 40-140 | 19 | | 50 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447311
**Report Date:** 08/21/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1962028-2 WG1962028-3

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 2-Fluorophenol | 70 | | 57 | | 25-120 |
| Phenol-d6 | 72 | | 58 | | 10-120 |
| Nitrobenzene-d5 | 61 | | 51 | | 23-120 |
| 2-Fluorobiphenyl | 77 | | 62 | | 30-120 |
| 2,4,6-Tribromophenol | 77 | | 65 | | 10-136 |
| 4-Terphenyl-d14 | 77 | | 65 | | 18-120 |

# PCBS

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2447311
**Project Number:** 100.002
**Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447311-01
Client ID: BASE-01-09
Sample Location: 2266 MILITARY RD

Date Collected: 08/19/24 10:40
Date Received: 08/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/21/24 15:40
Analyst: EMR
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 08/21/24 06:55
Cleanup Method: EPA 3665A
Cleanup Date: 08/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/21/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 55.7 | 4.95 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 55.7 | 5.58 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 55.7 | 11.8 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 55.7 | 7.51 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 55.7 | 8.36 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 55.7 | 6.10 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 55.7 | 10.3 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 55.7 | 7.08 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 55.7 | 5.77 | 1 | A |
| PCBs, Total | ND | | ug/kg | 55.7 | 4.95 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 48 | | 30-150 | A |
| Decachlorobiphenyl | 48 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 52 | | 30-150 | B |
| Decachlorobiphenyl | 56 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2447311
**Project Number:** 100.002
**Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447311-02
Client ID: BASE-02-09
Sample Location: 2266 MILITARY RD

Date Collected: 08/19/24 10:30
Date Received: 08/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/21/24 16:05
Analyst: MEO
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 08/21/24 05:21
Cleanup Method: EPA 3665A
Cleanup Date: 08/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/21/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 54.6 | 4.85 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 54.6 | 5.47 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 54.6 | 11.6 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 54.6 | 7.36 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 54.6 | 8.19 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 54.6 | 5.97 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 54.6 | 10.1 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 54.6 | 6.93 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 54.6 | 5.66 | 1 | A |
| PCBs, Total | ND | | ug/kg | 54.6 | 4.85 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 66 | | 30-150 | A |
| Decachlorobiphenyl | 80 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 72 | | 30-150 | B |
| Decachlorobiphenyl | 74 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002
**Lab Number:** L2447311
**Report Date:** 08/21/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 08/21/24 15:18
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 08/21/24 02:39
Cleanup Method: EPA 3665A
Cleanup Date: 08/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/21/24

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02 Batch: WG1961836-1 | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 49.9 | 4.43 | A |
| Aroclor 1221 | ND | | ug/kg | 49.9 | 5.00 | A |
| Aroclor 1232 | ND | | ug/kg | 49.9 | 10.6 | A |
| Aroclor 1242 | ND | | ug/kg | 49.9 | 6.73 | A |
| Aroclor 1248 | ND | | ug/kg | 49.9 | 7.48 | A |
| Aroclor 1254 | ND | | ug/kg | 49.9 | 5.46 | A |
| Aroclor 1260 | ND | | ug/kg | 49.9 | 9.22 | A |
| Aroclor 1262 | ND | | ug/kg | 49.9 | 6.34 | A |
| Aroclor 1268 | ND | | ug/kg | 49.9 | 5.17 | A |
| PCBs, Total | ND | | ug/kg | 49.9 | 4.43 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 65 | | 30-150 | A |
| Decachlorobiphenyl | 80 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 69 | | 30-150 | B |
| Decachlorobiphenyl | 75 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002
**Lab Number:** L2447311
**Report Date:** 08/21/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 08/21/24 15:17
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 08/21/24 06:55
Cleanup Method: EPA 3665A
Cleanup Date: 08/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/21/24

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1961901-1 | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 47.5 | 4.22 | A |
| Aroclor 1221 | ND | | ug/kg | 47.5 | 4.76 | A |
| Aroclor 1232 | ND | | ug/kg | 47.5 | 10.1 | A |
| Aroclor 1242 | ND | | ug/kg | 47.5 | 6.40 | A |
| Aroclor 1248 | ND | | ug/kg | 47.5 | 7.12 | A |
| Aroclor 1254 | ND | | ug/kg | 47.5 | 5.19 | A |
| Aroclor 1260 | ND | | ug/kg | 47.5 | 8.77 | A |
| Aroclor 1262 | ND | | ug/kg | 47.5 | 6.03 | A |
| Aroclor 1268 | ND | | ug/kg | 47.5 | 4.92 | A |
| PCBs, Total | ND | | ug/kg | 47.5 | 4.22 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 75 | | 30-150 | A |
| Decachlorobiphenyl | 72 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 86 | | 30-150 | B |
| Decachlorobiphenyl | 92 | | 30-150 | B |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447311
**Report Date:** 08/21/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02 Batch: WG1961836-2 WG1961836-3 | | | | | | | | | |
| Aroclor 1016 | 74 | | 72 | | 40-140 | 3 | | 50 | A |
| Aroclor 1260 | 70 | | 70 | | 40-140 | 0 | | 50 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 69 | | 67 | | 30-150 | A |
| Decachlorobiphenyl | 87 | | 88 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 74 | | 71 | | 30-150 | B |
| Decachlorobiphenyl | 81 | | 80 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2447311

**Report Date:** 08/21/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1961901-2 WG1961901-3 | | | | | | | | | |
| Aroclor 1016 | 83 | | 80 | | 40-140 | 4 | | 50 | A |
| Aroclor 1260 | 80 | | 78 | | 40-140 | 3 | | 50 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 80 | | 77 | | 30-150 | A |
| Decachlorobiphenyl | 76 | | 74 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 87 | | 83 | | 30-150 | B |
| Decachlorobiphenyl | 93 | | 88 | | 30-150 | B |

# PESTICIDES

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2447311
**Project Number:** 100.002
**Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447311-01
Client ID: BASE-01-09
Sample Location: 2266 MILITARY RD

Date Collected: 08/19/24 10:40
Date Received: 08/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 08/21/24 16:25
Analyst: JAG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 08/21/24 10:20
Cleanup Method: EPA 3620B
Cleanup Date: 08/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/21/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.89 | 0.370 | 1 | A |
| Lindane | ND | | ug/kg | 0.787 | 0.352 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.787 | 0.223 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.89 | 0.716 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.944 | 0.423 | 1 | A |
| Aldrin | ND | | ug/kg | 1.89 | 0.665 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.54 | 1.06 | 1 | A |
| Endrin | ND | | ug/kg | 0.787 | 0.323 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.36 | 0.826 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.89 | 0.486 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.18 | 0.590 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.89 | 0.437 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.89 | 0.674 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 1.89 | 1.52 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.89 | 0.446 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.89 | 0.631 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.787 | 0.374 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.54 | 1.10 | 1 | A |
| Toxaphene | ND | | ug/kg | 35.4 | 9.92 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.36 | 0.658 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.36 | 0.623 | 1 | A |
| Chlordane | ND | | ug/kg | 15.7 | 6.26 | 1 | A |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447311

**Project Number:** 100.002 **Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447311-01 Date Collected: 08/19/24 10:40

Client ID: BASE-01-09 Date Received: 08/20/24

Sample Location: 2266 MILITARY RD Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 77 | | 30-150 | A |
| Decachlorobiphenyl | 77 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 68 | | 30-150 | B |
| Decachlorobiphenyl | 77 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2447311
**Project Number:** 100.002
**Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447311-01
Client ID: BASE-01-09
Sample Location: 2266 MILITARY RD

Date Collected: 08/19/24 10:40
Date Received: 08/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 08/21/24 18:08
Analyst: JAG
Percent Solids: 84%
Methylation Date: 08/21/24 17:18

Extraction Method: EPA 8151A
Extraction Date: 08/21/24 04:40

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 196 | 12.4 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 196 | 6.09 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 196 | 5.23 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 93 | | 30-150 | A |
| DCAA | 93 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2447311
**Project Number:** 100.002
**Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447311-02
Client ID: BASE-02-09
Sample Location: 2266 MILITARY RD

Date Collected: 08/19/24 10:30
Date Received: 08/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 08/21/24 16:38
Analyst: JAG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 08/21/24 04:53
Cleanup Method: EPA 3620B
Cleanup Date: 08/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/21/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.78 | 0.350 | 1 | A |
| Lindane | ND | | ug/kg | 0.744 | 0.332 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.744 | 0.211 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.78 | 0.677 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.892 | 0.400 | 1 | A |
| Aldrin | ND | | ug/kg | 1.78 | 0.628 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.35 | 1.00 | 1 | A |
| Endrin | ND | | ug/kg | 0.744 | 0.305 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.23 | 0.781 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.78 | 0.460 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.12 | 0.558 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.78 | 0.413 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.78 | 0.637 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 1.78 | 1.44 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.78 | 0.422 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.78 | 0.596 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.744 | 0.354 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.35 | 1.04 | 1 | A |
| Toxaphene | ND | | ug/kg | 33.5 | 9.37 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.23 | 0.622 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.23 | 0.589 | 1 | A |
| Chlordane | ND | | ug/kg | 14.9 | 5.91 | 1 | A |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447311

**Project Number:** 100.002 **Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447311-02 Date Collected: 08/19/24 10:30

Client ID: BASE-02-09 Date Received: 08/20/24

Sample Location: 2266 MILITARY RD Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 82 | | 30-150 | A |
| Decachlorobiphenyl | 96 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 71 | | 30-150 | B |
| Decachlorobiphenyl | 99 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2447311
**Project Number:** 100.002
**Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447311-02
Client ID: BASE-02-09
Sample Location: 2266 MILITARY RD

Date Collected: 08/19/24 10:30
Date Received: 08/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 08/21/24 17:49
Analyst: JAG
Percent Solids: 89%
Methylation Date: 08/21/24 17:18

Extraction Method: EPA 8151A
Extraction Date: 08/21/24 04:40

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 185 | 11.7 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 185 | 5.74 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 185 | 4.92 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 89 | | 30-150 | A |
| DCAA | 84 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447311

**Project Number:** 100.002 **Report Date:** 08/21/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 08/21/24 17:50
Analyst: JAG

Extraction Method: EPA 8151A
Extraction Date: 08/21/24 00:03

Methylation Date: 08/21/24 17:18

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1961813-1 | | | | | | |
| 2,4-D | ND | | ug/kg | 162 | 10.2 | A |
| 2,4,5-T | ND | | ug/kg | 162 | 5.02 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 162 | 4.31 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 104 | | 30-150 | A |
| DCAA | 96 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447311

**Project Number:** 100.002 **Report Date:** 08/21/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 08/21/24 15:48
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 08/21/24 04:48
Cleanup Method: EPA 3620B
Cleanup Date: 08/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/21/24

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1961854-1 | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.58 | 0.309 | A |
| Lindane | ND | | ug/kg | 0.657 | 0.294 | A |
| Alpha-BHC | ND | | ug/kg | 0.657 | 0.187 | A |
| Beta-BHC | ND | | ug/kg | 1.58 | 0.598 | A |
| Heptachlor | ND | | ug/kg | 0.789 | 0.354 | A |
| Aldrin | ND | | ug/kg | 1.58 | 0.556 | A |
| Heptachlor epoxide | ND | | ug/kg | 2.96 | 0.888 | A |
| Endrin | ND | | ug/kg | 0.657 | 0.270 | A |
| Endrin aldehyde | ND | | ug/kg | 1.97 | 0.690 | A |
| Endrin ketone | ND | | ug/kg | 1.58 | 0.406 | A |
| Dieldrin | ND | | ug/kg | 0.986 | 0.493 | A |
| 4,4'-DDE | ND | | ug/kg | 1.58 | 0.365 | A |
| 4,4'-DDD | ND | | ug/kg | 1.58 | 0.563 | A |
| 4,4'-DDT | ND | | ug/kg | 1.58 | 1.27 | A |
| Endosulfan I | ND | | ug/kg | 1.58 | 0.373 | A |
| Endosulfan II | ND | | ug/kg | 1.58 | 0.527 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.657 | 0.313 | A |
| Methoxychlor | ND | | ug/kg | 2.96 | 0.920 | A |
| Toxaphene | ND | | ug/kg | 29.6 | 8.28 | A |
| cis-Chlordane | ND | | ug/kg | 1.97 | 0.550 | A |
| trans-Chlordane | ND | | ug/kg | 1.97 | 0.521 | A |
| Chlordane | ND | | ug/kg | 13.1 | 5.23 | A |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002
**Lab Number:** L2447311
**Report Date:** 08/21/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 08/21/24 15:48
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 08/21/24 04:48
Cleanup Method: EPA 3620B
Cleanup Date: 08/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/21/24

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1961854-1 | | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 62 | | 30-150 | A |
| Decachlorobiphenyl | 66 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 53 | | 30-150 | B |
| Decachlorobiphenyl | 75 | | 30-150 | B |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447311
**Report Date:** 08/21/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1961813-2 WG1961813-3 | | | | | | | | | |
| 2,4-D | 121 | | 125 | | 30-150 | 3 | | 30 | A |
| 2,4,5-T | 131 | | 136 | | 30-150 | 4 | | 30 | A |
| 2,4,5-TP (Silvex) | 117 | | 121 | | 30-150 | 3 | | 30 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| DCAA | 103 | | 106 | | 30-150 | A |
| DCAA | 100 | | 110 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2447311

**Report Date:** 08/21/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1961854-2 WG1961854-3 | | | | | | | | | |
| Delta-BHC | 66 | | 81 | | 30-150 | 20 | | 30 | A |
| Lindane | 58 | | 74 | | 30-150 | 24 | | 30 | A |
| Alpha-BHC | 60 | | 77 | | 30-150 | 25 | | 30 | A |
| Beta-BHC | 71 | | 91 | | 30-150 | 25 | | 30 | A |
| Heptachlor | 63 | | 80 | | 30-150 | 24 | | 30 | A |
| Aldrin | 63 | | 80 | | 30-150 | 24 | | 30 | A |
| Heptachlor epoxide | 57 | | 74 | | 30-150 | 26 | | 30 | A |
| Endrin | 69 | | 90 | | 30-150 | 26 | | 30 | A |
| Endrin aldehyde | 67 | | 86 | | 30-150 | 25 | | 30 | A |
| Endrin ketone | 70 | | 90 | | 30-150 | 25 | | 30 | A |
| Dieldrin | 70 | | 92 | | 30-150 | 27 | | 30 | A |
| 4,4'-DDE | 67 | | 88 | | 30-150 | 27 | | 30 | A |
| 4,4'-DDD | 70 | | 92 | | 30-150 | 27 | | 30 | A |
| 4,4'-DDT | 75 | | 98 | | 30-150 | 27 | | 30 | A |
| Endosulfan I | 64 | | 84 | | 30-150 | 27 | | 30 | A |
| Endosulfan II | 67 | | 88 | | 30-150 | 27 | | 30 | A |
| Endosulfan sulfate | 75 | | 97 | | 30-150 | 26 | | 30 | A |
| Methoxychlor | 82 | | 105 | | 30-150 | 25 | | 30 | A |
| cis-Chlordane | 70 | | 94 | | 30-150 | 29 | | 30 | A |
| trans-Chlordane | 80 | | 104 | | 30-150 | 26 | | 30 | A |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2447311

**Report Date:** 08/21/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1961854-2 WG1961854-3 | | | | | | | | |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 58 | | 71 | | 30-150 | A |
| Decachlorobiphenyl | 64 | | 78 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 51 | | 62 | | 30-150 | B |
| Decachlorobiphenyl | 76 | | 81 | | 30-150 | B |

# METALS

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447311

**Project Number:** 100.002 **Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447311-01 Date Collected: 08/19/24 10:40

Client ID: BASE-01-09 Date Received: 08/20/24

Sample Location: 2266 MILITARY RD Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 7570 | | mg/kg | 8.94 | 2.41 | 2 | 08/21/24 08:10 | 08/21/24 10:21 | EPA 3050B | 1,6010D | DHL |
| Antimony, Total | ND | | mg/kg | 4.47 | 0.340 | 2 | 08/21/24 08:10 | 08/21/24 10:21 | EPA 3050B | 1,6010D | DHL |
| Arsenic, Total | 3.84 | | mg/kg | 0.894 | 0.186 | 2 | 08/21/24 08:10 | 08/21/24 10:21 | EPA 3050B | 1,6010D | DHL |
| Barium, Total | 77.0 | | mg/kg | 0.894 | 0.156 | 2 | 08/21/24 08:10 | 08/21/24 10:21 | EPA 3050B | 1,6010D | DHL |
| Beryllium, Total | 0.375 | J | mg/kg | 0.447 | 0.030 | 2 | 08/21/24 08:10 | 08/21/24 10:21 | EPA 3050B | 1,6010D | DHL |
| Cadmium, Total | 0.195 | J | mg/kg | 0.894 | 0.088 | 2 | 08/21/24 08:10 | 08/21/24 10:21 | EPA 3050B | 1,6010D | DHL |
| Calcium, Total | 67600 | | mg/kg | 8.94 | 3.13 | 2 | 08/21/24 08:10 | 08/21/24 10:21 | EPA 3050B | 1,6010D | DHL |
| Chromium, Total | 11.7 | | mg/kg | 0.894 | 0.086 | 2 | 08/21/24 08:10 | 08/21/24 10:21 | EPA 3050B | 1,6010D | DHL |
| Cobalt, Total | 6.24 | | mg/kg | 1.79 | 0.148 | 2 | 08/21/24 08:10 | 08/21/24 10:21 | EPA 3050B | 1,6010D | DHL |
| Copper, Total | 15.8 | | mg/kg | 0.894 | 0.231 | 2 | 08/21/24 08:10 | 08/21/24 10:21 | EPA 3050B | 1,6010D | DHL |
| Iron, Total | 16000 | | mg/kg | 4.47 | 0.807 | 2 | 08/21/24 08:10 | 08/21/24 10:21 | EPA 3050B | 1,6010D | DHL |
| Lead, Total | 9.21 | | mg/kg | 4.47 | 0.240 | 2 | 08/21/24 08:10 | 08/21/24 10:21 | EPA 3050B | 1,6010D | DHL |
| Magnesium, Total | 20900 | | mg/kg | 8.94 | 1.38 | 2 | 08/21/24 08:10 | 08/21/24 10:21 | EPA 3050B | 1,6010D | DHL |
| Manganese, Total | 552 | | mg/kg | 0.894 | 0.142 | 2 | 08/21/24 08:10 | 08/21/24 10:21 | EPA 3050B | 1,6010D | DHL |
| Mercury, Total | ND | | mg/kg | 0.075 | 0.049 | 1 | 08/21/24 09:00 | 08/21/24 10:54 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 13.9 | | mg/kg | 2.24 | 0.216 | 2 | 08/21/24 08:10 | 08/21/24 10:21 | EPA 3050B | 1,6010D | DHL |
| Potassium, Total | 1230 | | mg/kg | 224 | 12.9 | 2 | 08/21/24 08:10 | 08/21/24 10:21 | EPA 3050B | 1,6010D | DHL |
| Selenium, Total | ND | | mg/kg | 1.79 | 0.231 | 2 | 08/21/24 08:10 | 08/21/24 10:21 | EPA 3050B | 1,6010D | DHL |
| Silver, Total | ND | | mg/kg | 0.447 | 0.253 | 2 | 08/21/24 08:10 | 08/21/24 10:21 | EPA 3050B | 1,6010D | DHL |
| Sodium, Total | 190 | | mg/kg | 179 | 2.82 | 2 | 08/21/24 08:10 | 08/21/24 10:21 | EPA 3050B | 1,6010D | DHL |
| Thallium, Total | 0.827 | J | mg/kg | 1.79 | 0.282 | 2 | 08/21/24 08:10 | 08/21/24 10:21 | EPA 3050B | 1,6010D | DHL |
| Vanadium, Total | 17.3 | | mg/kg | 0.894 | 0.181 | 2 | 08/21/24 08:10 | 08/21/24 10:21 | EPA 3050B | 1,6010D | DHL |
| Zinc, Total | 63.7 | | mg/kg | 4.47 | 0.262 | 2 | 08/21/24 08:10 | 08/21/24 10:21 | EPA 3050B | 1,6010D | DHL |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447311

**Project Number:** 100.002 **Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447311-02 Date Collected: 08/19/24 10:30

Client ID: BASE-02-09 Date Received: 08/20/24

Sample Location: 2266 MILITARY RD Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 7340 | | mg/kg | 8.68 | 2.34 | 2 | 08/21/24 08:10 | 08/21/24 10:25 | EPA 3050B | 1,6010D | DHL |
| Antimony, Total | ND | | mg/kg | 4.34 | 0.330 | 2 | 08/21/24 08:10 | 08/21/24 10:25 | EPA 3050B | 1,6010D | DHL |
| Arsenic, Total | 4.38 | | mg/kg | 0.868 | 0.180 | 2 | 08/21/24 08:10 | 08/21/24 10:25 | EPA 3050B | 1,6010D | DHL |
| Barium, Total | 74.7 | | mg/kg | 0.868 | 0.151 | 2 | 08/21/24 08:10 | 08/21/24 10:25 | EPA 3050B | 1,6010D | DHL |
| Beryllium, Total | 0.380 | J | mg/kg | 0.434 | 0.029 | 2 | 08/21/24 08:10 | 08/21/24 10:25 | EPA 3050B | 1,6010D | DHL |
| Cadmium, Total | 0.176 | J | mg/kg | 0.868 | 0.085 | 2 | 08/21/24 08:10 | 08/21/24 10:25 | EPA 3050B | 1,6010D | DHL |
| Calcium, Total | 71300 | | mg/kg | 8.68 | 3.04 | 2 | 08/21/24 08:10 | 08/21/24 10:25 | EPA 3050B | 1,6010D | DHL |
| Chromium, Total | 12.1 | | mg/kg | 0.868 | 0.083 | 2 | 08/21/24 08:10 | 08/21/24 10:25 | EPA 3050B | 1,6010D | DHL |
| Cobalt, Total | 6.18 | | mg/kg | 1.74 | 0.144 | 2 | 08/21/24 08:10 | 08/21/24 10:25 | EPA 3050B | 1,6010D | DHL |
| Copper, Total | 14.4 | | mg/kg | 0.868 | 0.224 | 2 | 08/21/24 08:10 | 08/21/24 10:25 | EPA 3050B | 1,6010D | DHL |
| Iron, Total | 16400 | | mg/kg | 4.34 | 0.784 | 2 | 08/21/24 08:10 | 08/21/24 10:25 | EPA 3050B | 1,6010D | DHL |
| Lead, Total | 8.54 | | mg/kg | 4.34 | 0.233 | 2 | 08/21/24 08:10 | 08/21/24 10:25 | EPA 3050B | 1,6010D | DHL |
| Magnesium, Total | 27600 | | mg/kg | 8.68 | 1.34 | 2 | 08/21/24 08:10 | 08/21/24 10:25 | EPA 3050B | 1,6010D | DHL |
| Manganese, Total | 530 | | mg/kg | 0.868 | 0.138 | 2 | 08/21/24 08:10 | 08/21/24 10:25 | EPA 3050B | 1,6010D | DHL |
| Mercury, Total | ND | | mg/kg | 0.071 | 0.046 | 1 | 08/21/24 09:00 | 08/21/24 10:57 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 14.3 | | mg/kg | 2.17 | 0.210 | 2 | 08/21/24 08:10 | 08/21/24 10:25 | EPA 3050B | 1,6010D | DHL |
| Potassium, Total | 1110 | | mg/kg | 217 | 12.5 | 2 | 08/21/24 08:10 | 08/21/24 10:25 | EPA 3050B | 1,6010D | DHL |
| Selenium, Total | ND | | mg/kg | 1.74 | 0.224 | 2 | 08/21/24 08:10 | 08/21/24 10:25 | EPA 3050B | 1,6010D | DHL |
| Silver, Total | ND | | mg/kg | 0.434 | 0.246 | 2 | 08/21/24 08:10 | 08/21/24 10:25 | EPA 3050B | 1,6010D | DHL |
| Sodium, Total | 198 | | mg/kg | 174 | 2.73 | 2 | 08/21/24 08:10 | 08/21/24 10:25 | EPA 3050B | 1,6010D | DHL |
| Thallium, Total | 0.445 | J | mg/kg | 1.74 | 0.273 | 2 | 08/21/24 08:10 | 08/21/24 10:25 | EPA 3050B | 1,6010D | DHL |
| Vanadium, Total | 17.0 | | mg/kg | 0.868 | 0.176 | 2 | 08/21/24 08:10 | 08/21/24 10:25 | EPA 3050B | 1,6010D | DHL |
| Zinc, Total | 58.3 | | mg/kg | 4.34 | 0.254 | 2 | 08/21/24 08:10 | 08/21/24 10:25 | EPA 3050B | 1,6010D | DHL |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447311

**Project Number:** 100.002 **Report Date:** 08/21/24

# Method Blank Analysis
# Batch Quality Control

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1961864-1 | | | | | | | | | | |
| Aluminum, Total | ND | | mg/kg | 4.00 | 1.08 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Antimony, Total | ND | | mg/kg | 2.00 | 0.152 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Arsenic, Total | ND | | mg/kg | 0.400 | 0.083 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Barium, Total | ND | | mg/kg | 0.400 | 0.070 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Beryllium, Total | ND | | mg/kg | 0.200 | 0.013 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Cadmium, Total | ND | | mg/kg | 0.400 | 0.039 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Calcium, Total | ND | | mg/kg | 4.00 | 1.40 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Chromium, Total | ND | | mg/kg | 0.400 | 0.038 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Cobalt, Total | ND | | mg/kg | 0.800 | 0.066 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Copper, Total | ND | | mg/kg | 0.400 | 0.103 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Iron, Total | 0.788 | J | mg/kg | 2.00 | 0.361 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Lead, Total | ND | | mg/kg | 2.00 | 0.107 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Magnesium, Total | ND | | mg/kg | 4.00 | 0.616 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Manganese, Total | ND | | mg/kg | 0.400 | 0.064 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Nickel, Total | ND | | mg/kg | 1.00 | 0.097 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Potassium, Total | ND | | mg/kg | 100 | 5.76 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Selenium, Total | ND | | mg/kg | 0.800 | 0.103 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Silver, Total | ND | | mg/kg | 0.200 | 0.113 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Sodium, Total | ND | | mg/kg | 80.0 | 1.26 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Thallium, Total | ND | | mg/kg | 0.800 | 0.126 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Vanadium, Total | ND | | mg/kg | 0.400 | 0.081 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |
| Zinc, Total | ND | | mg/kg | 2.00 | 0.117 | 1 | 08/21/24 08:10 | 08/21/24 10:13 | 1,6010D | DHL |

**Prep Information**

Digestion Method: EPA 3050B

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1961865-1 | | | | | | | | | | |
| Mercury, Total | ND | | mg/kg | 0.083 | 0.054 | 1 | 08/21/24 09:00 | 08/21/24 10:37 | 1,7471B | JWN |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002
**Lab Number:** L2447311
**Report Date:** 08/21/24

# Method Blank Analysis
# Batch Quality Control

**Prep Information**

Digestion Method: EPA 7471B

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2447311

**Report Date:** 08/21/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1961864-2 | | | | | | | | |
| Aluminum, Total | 98 | | - | | 80-120 | - | | |
| Antimony, Total | 99 | | - | | 80-120 | - | | |
| Arsenic, Total | 93 | | - | | 80-120 | - | | |
| Barium, Total | 100 | | - | | 80-120 | - | | |
| Beryllium, Total | 102 | | - | | 80-120 | - | | |
| Cadmium, Total | 97 | | - | | 80-120 | - | | |
| Calcium, Total | 102 | | - | | 80-120 | - | | |
| Chromium, Total | 96 | | - | | 80-120 | - | | |
| Cobalt, Total | 98 | | - | | 80-120 | - | | |
| Copper, Total | 99 | | - | | 80-120 | - | | |
| Iron, Total | 102 | | - | | 80-120 | - | | |
| Lead, Total | 98 | | - | | 80-120 | - | | |
| Magnesium, Total | 98 | | - | | 80-120 | - | | |
| Manganese, Total | 100 | | - | | 80-120 | - | | |
| Nickel, Total | 98 | | - | | 80-120 | - | | |
| Potassium, Total | 105 | | - | | 80-120 | - | | |
| Selenium, Total | 91 | | - | | 80-120 | - | | |
| Silver, Total | 98 | | - | | 80-120 | - | | |
| Sodium, Total | 105 | | - | | 80-120 | - | | |
| Thallium, Total | 91 | | - | | 80-120 | - | | |
| Vanadium, Total | 98 | | - | | 80-120 | - | | |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2447311

**Report Date:** 08/21/24

| Parameter | LCS %Recovery | LCSD %Recovery | %Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1961864-2 | | | | | |
| Zinc, Total | 97 | - | 80-120 | - | |
| Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1961865-2 | | | | | |
| Mercury, Total | 101 | - | 80-120 | - | |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447311
**Report Date:** 08/21/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1961864-3 WG1961864-4 QC Sample: L2447323-01 Client ID: MS Sample | | | | | | | | | | | | |
| Aluminum, Total | 8670 | 176 | 8640 | **0** | Q | 8700 | **17** | Q | 75-125 | 1 | | 20 |
| Antimony, Total | ND | 43.9 | 34.1 | 78 | | 33.8 | 77 | | 75-125 | 1 | | 20 |
| Arsenic, Total | 3.14 | 10.5 | 15.2 | 114 | | 13.5 | 99 | | 75-125 | 12 | | 20 |
| Barium, Total | 106 | 176 | 233 | **72** | Q | 236 | **74** | Q | 75-125 | 1 | | 20 |
| Beryllium, Total | 0.412J | 4.39 | 4.28 | 97 | | 4.23 | 97 | | 75-125 | 1 | | 20 |
| Cadmium, Total | 0.189J | 4.66 | 3.66 | 78 | | 3.63 | 78 | | 75-125 | 1 | | 20 |
| Calcium, Total | 48500 | 879 | 56700 | **933** | Q | 52800 | **493** | Q | 75-125 | 7 | | 20 |
| Chromium, Total | 14.0 | 17.6 | 27.6 | 77 | | 27.9 | 80 | | 75-125 | 1 | | 20 |
| Cobalt, Total | 7.76 | 43.9 | 40.2 | **74** | Q | 40.6 | 75 | | 75-125 | 1 | | 20 |
| Copper, Total | 11.1 | 22 | 38.6 | 125 | | 37.2 | 120 | | 75-125 | 4 | | 20 |
| Iron, Total | 16100 | 87.9 | 20000 | **4440** | Q | 20300 | **4810** | Q | 75-125 | 1 | | 20 |
| Lead, Total | 18.8 | 46.6 | 54.1 | 76 | | 49.4 | **66** | Q | 75-125 | 9 | | 20 |
| Magnesium, Total | 14900 | 879 | 19000 | **466** | Q | 15800 | 103 | | 75-125 | 18 | | 20 |
| Manganese, Total | 448 | 43.9 | 525 | **175** | Q | 521 | **167** | Q | 75-125 | 1 | | 20 |
| Nickel, Total | 16.7 | 43.9 | 49.6 | 75 | | 49.5 | 75 | | 75-125 | 0 | | 20 |
| Potassium, Total | 1110 | 879 | 1930 | 93 | | 1900 | 90 | | 75-125 | 2 | | 20 |
| Selenium, Total | ND | 10.5 | 7.83 | **74** | Q | 7.84 | 75 | | 75-125 | 0 | | 20 |
| Silver, Total | ND | 4.39 | 3.85 | 88 | | 3.83 | 88 | | 75-125 | 1 | | 20 |
| Sodium, Total | 154J | 879 | 977 | 111 | | 949 | 109 | | 75-125 | 3 | | 20 |
| Thallium, Total | 0.505J | 10.5 | 8.55 | 81 | | 8.51 | 81 | | 75-125 | 0 | | 20 |
| Vanadium, Total | 16.2 | 43.9 | 59.4 | 98 | | 59.6 | 99 | | 75-125 | 0 | | 20 |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447311
**Report Date:** 08/21/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | | MSD Found | MSD %Recovery | Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1961864-3 WG1961864-4 QC Sample: L2447323-01 Client ID: MS Sample | | | | | | | | | | |
| Zinc, Total | 60.9 | 43.9 | 91.7 | **70** | Q | 93.7 | 75 | 75-125 | 2 | 20 |
| Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1961865-3 WG1961865-4 QC Sample: L2447323-01 Client ID: MS Sample | | | | | | | | | | |
| Mercury, Total | ND | 1.42 | 1.44 | 102 | | 1.41 | 99 | 80-120 | 2 | 20 |

# INORGANICS
# &
# MISCELLANEOUS

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447311
**Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447311-01
Client ID: BASE-01-09
Sample Location: 2266 MILITARY RD

Date Collected: 08/19/24 10:40
Date Received: 08/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 84.1 | | % | 0.100 | NA | 1 | - | 08/21/24 04:21 | 121,2540G | WJM |
| Cyanide, Total | ND | | mg/kg | 1.1 | 0.23 | 1 | 08/21/24 12:25 | 08/21/24 16:19 | 1,9010C/9012B | JER |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447311
**Report Date:** 08/21/24

## SAMPLE RESULTS

Lab ID: L2447311-02
Client ID: BASE-02-09
Sample Location: 2266 MILITARY RD

Date Collected: 08/19/24 10:30
Date Received: 08/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 89.1 | | % | 0.100 | NA | 1 | - | 08/21/24 04:21 | 121,2540G | WJM |
| Cyanide, Total | ND | | mg/kg | 1.0 | 0.22 | 1 | 08/21/24 12:25 | 08/21/24 16:20 | 1,9010C/9012B | JER |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447311

**Project Number:** 100.002 **Report Date:** 08/21/24

# Method Blank Analysis
## Batch Quality Control

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG1962015-1 | | | | | | | | | | |
| Cyanide, Total | ND | | mg/kg | 0.95 | 0.20 | 1 | 08/21/24 12:25 | 08/21/24 15:52 | 1,9010C/9012B | JER |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2447311

**Report Date:** 08/21/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1962015-2 WG1962015-3 | | | | | | | | |
| Cyanide, Total | 87 | | 87 | | 80-120 | 6 | | 35 |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447311
**Report Date:** 08/21/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1962015-4 WG1962015-5 QC Sample: L2447323-01 Client ID: MS Sample | | | | | | | | | | | | |
| Cyanide, Total | ND | 11 | 10 | 94 | | 10 | 95 | | 75-125 | 0 | | 35 |
| General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1962015-6 WG1962015-7 QC Sample: L2446726-01 Client ID: MS Sample | | | | | | | | | | | | |
| Cyanide, Total | ND | 10 | 10 | 97 | | 10 | 96 | | 75-125 | 0 | | 35 |

# Lab Duplicate Analysis

***Batch Quality Control***

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

***Lab Number:*** L2447311

***Report Date:*** 08/21/24

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1961848-1 QC Sample: L2447311-01 Client ID: BASE-01-09 | | | | | | |
| Solids, Total | 84.1 | 83.8 | % | 0 | | 20 |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447311
**Report Date:** 08/21/24

## Sample Receipt and Container Information

Were project specific reporting limits specified? YES

### Cooler Information

| Cooler | Custody Seal |
|---|---|
| A | Absent |

### Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2447311-01A | Glass 250ml/8oz unpreserved | A | NA | | 3.3 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8260-R2(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2447311-01W | Glass 60ml unpreserved split | A | NA | | 3.3 | Y | Absent | | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180) |
| L2447311-01X | Vial MeOH preserved split | A | NA | | 3.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2447311-01Y | Vial Water preserved split | A | NA | | 3.3 | Y | Absent | 21-AUG-24 06:21 | NYTCL-8260-R2(14) |
| L2447311-01Z | Vial Water preserved split | A | NA | | 3.3 | Y | Absent | 21-AUG-24 06:21 | NYTCL-8260-R2(14) |
| L2447311-02A | Vial Large Septa unpreserved (4oz) | A | NA | | 3.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2447311-02B | Glass 120ml/4oz unpreserved | A | NA | | 3.3 | Y | Absent | | NYTCL-8270(14),TCN-9010(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2447311-02C | Glass 60ml unpreserved split | A | NA | | 3.3 | Y | Absent | | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180) |
| L2447311-02X | Vial MeOH preserved split | A | NA | | 3.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2447311-02Y | Vial Water preserved split | A | NA | | 3.3 | Y | Absent | 21-AUG-24 06:21 | NYTCL-8260-R2(14) |
| L2447311-02Z | Vial Water preserved split | A | NA | | 3.3 | Y | Absent | 21-AUG-24 06:21 | NYTCL-8260-R2(14) |



*Values in parentheses indicate holding time in days

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2447311 |
| **Project Number:** | 100.002 | **Report Date:** | 08/21/24 |

## GLOSSARY

***Acronyms***

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

*Report Format: DU Report with 'J' Qualifiers*

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2447311 |
| **Project Number:** | 100.002 | **Report Date:** | 08/21/24 |

***Footnotes***

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

***Terms***

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

***Data Qualifiers***

**A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

**B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

**C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

**D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

**E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

**F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

**G** - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

**H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

**I** - The lower value for the two columns has been reported due to obvious interference.

**J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

*Report Format: DU Report with 'J' Qualifiers*

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2447311 |
| **Project Number:** | 100.002 | **Report Date:** | 08/21/24 |

***Data Qualifiers***

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

**M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

**ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

**NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

**P** - The RPD between the results for the two columns exceeds the method-specified criteria.

**Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

**R** - Analytical results are from sample re-analysis.

**RE** - Analytical results are from sample re-extraction.

**S** - Analytical results are from modified screening analysis.

**V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

**Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447311

**Project Number:** 100.002 **Report Date:** 08/21/24

## REFERENCES


1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.


## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

# Certification Information

**The following analytes are not included in our Primary NELAP Scope of Accreditation:**

**Westborough Facility**
**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene
**EPA 625.1:** alpha-Terpineol
**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
**EPA 8270E:** NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
**SM4500**: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

**Mansfield Facility**
**SM 2540D:** TSS.
**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
**Nonpotable Water: EPA RSK-175 Dissolved Gases**
**Biological Tissue Matrix:** EPA 3050B

**The following analytes are included in our Massachusetts DEP Scope of Accreditation**

**Westborough Facility:**

***Drinking Water***
**EPA 300.0**: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
**EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
**Microbiology**: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

***Non-Potable Water***
**SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
**EPA 624.1**: Volatile Halocarbons & Aromatics,
**EPA 608.3**: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
**EPA 625.1**: SVOC (Acid/Base/Neutral Extractables).
**Microbiology**: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

**Mansfield Facility:**

***Drinking Water***
**EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
**EPA 522, EPA 537.1.**

***Non-Potable Water***
**EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
**EPA 200.8:** Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
**EPA 245.1** Hg.
**SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

L2447311 LEADERPRO 21AUG24

# NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

**Service Centers**
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of

Date Rec'd in Lab: 8/21/24

## Project Information

Project Name: Bisonte Paint Co.
Project Location: 22 Old Military Rd
Project #: 100.002
(Use Project name as Project #): ☐
Project Manager: Bruce Ahrens
ALPHAQuote #:

## Turn-Around Time

Standard: ☒ Due Date:
Rush (only if pre approved): ☐ # of Days:

## Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

☒ Same as Client Info
PO #

## Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

## Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☒ NY
☐ Other:

## Client Information

Client: Marsh Leader
Address: 271 Marsh Rd. Suite 2
Pittsford, NY 14534
Phone: 585-248-2413
Fax:
Email: BAhrens@leaderlink.com

These samples have been previously analyzed by Alpha ☐

**Other project specific requirements/comments:**

cc: espirito@leaderlink.com

**Please specify Metals or TAL.**

## ANALYSIS

**Sample Filtration**
☐ Done
☒ Lab to do
**Preservation**
☐ Lab to do
*(Please Specify below)*

| ALPHA Lab ID (Lab Use Only) | Sample ID | Collection Date | Collection Time | Sample Matrix | Sampler's Initials | TCL VOCs | TCL SVOCs | TAL Metals, mercury, cyanide | TCL Herbicides | TCL Pesticides | PCBs | Sample Specific Comments | Total Bottles |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 47311-01 | Base-01-09 | 8/19/24 | 10:40 | SOIL | ES | X | X | X | X | X | X | | 1 |
| -02 | Base-02-09 | 8/19/24 | 10:30 | SOIL | ES | X | X | X | X | X | X | | 1 |

Preservative Code:
A = None
B = HCl
C = $HNO_3$
D = $H_2SO_4$
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
D = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Container Type | A | | | | | | | | |
| Preservative | A | | | | | | | | |

| Relinquished By: | Date/Time | Received By: | Date/Time |
|---|---|---|---|
| [signature] | 8/20/24 9:35 | Fedex Ground (PACE) | 8/20/24 9:35 |
| Fedex Ground (PACE) | 8/20/24 9:35 | Buffalo Service Center | 8/20/24 9:35 |
| Russell B Ahrens | 8-20-24 | | 8-20-24 |
| | 8-20-24 0930 | [signature] | 8/21/24 1:30 |

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

# ANALYTICAL REPORT

| | |
|---|---|
| Lab Number: | L2447597 |
| Client: | Leader Professional Services, Inc.<br>271 Marsh Road, Suite 2<br>Pittsford, NY 14534 |
| ATTN: | Bruce Ahrens |
| Phone: | (585) 248-2413 |
| Project Name: | BISONITE PAINT CO. |
| Project Number: | 100.002 |
| Report Date: | 08/22/24 |

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447597
**Report Date:** 08/22/24

| Alpha Sample ID | Client ID | Matrix | Sample Location | Collection Date/Time | Receive Date |
|---|---|---|---|---|---|
| L2447597-01 | LAGOON-SW-N-7 | SOIL | 2266 MILITARY RD | 08/21/24 10:00 | 08/21/24 |
| L2447597-02 | DUPE-LAGOON | SOIL | 2266 MILITARY RD | 08/21/24 10:10 | 08/21/24 |
| L2447597-03 | BASE-01-09 | SOIL | 2266 MILITARY RD | 08/21/24 10:20 | 08/21/24 |

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2447597 |
| **Project Number:** | 100.002 | **Report Date:** | 08/22/24 |

## Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2447597 |
| **Project Number:** | 100.002 | **Report Date:** | 08/22/24 |

**Case Narrative (continued)**

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 08/22/24

# ORGANICS

# VOLATILES

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447597

**Project Number:** 100.002 **Report Date:** 08/22/24

**SAMPLE RESULTS**

Lab ID: L2447597-01 Date Collected: 08/21/24 10:00
Client ID: LAGOON-SW-N-7 Date Received: 08/21/24
Sample Location: 2266 MILITARY RD Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/22/24 09:57
Analyst: MJV
Percent Solids: 86%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 5.5 | 2.5 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.1 | 0.16 | 1 |
| Chloroform | ND | | ug/kg | 1.7 | 0.16 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.1 | 0.26 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.1 | 0.14 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.1 | 0.16 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.1 | 0.30 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.55 | 0.22 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.55 | 0.14 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 4.4 | 0.77 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.1 | 0.28 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.55 | 0.18 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.55 | 0.12 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.1 | 0.30 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.55 | 0.18 | 1 |
| Bromoform | ND | | ug/kg | 4.4 | 0.27 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.55 | 0.18 | 1 |
| Benzene | ND | | ug/kg | 0.55 | 0.18 | 1 |
| Toluene | ND | | ug/kg | 1.1 | 0.60 | 1 |
| Ethylbenzene | 0.32 | J | ug/kg | 1.1 | 0.16 | 1 |
| Chloromethane | ND | | ug/kg | 4.4 | 1.0 | 1 |
| Bromomethane | ND | | ug/kg | 2.2 | 0.64 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.1 | 0.37 | 1 |
| Chloroethane | ND | | ug/kg | 2.2 | 0.50 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.1 | 0.26 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.7 | 0.15 | 1 |
| Trichloroethene | ND | | ug/kg | 0.55 | 0.15 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.2 | 0.16 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447597

**Project Number:** 100.002 **Report Date:** 08/22/24

## SAMPLE RESULTS

Lab ID: L2447597-01 Date Collected: 08/21/24 10:00

Client ID: LAGOON-SW-N-7 Date Received: 08/21/24

Sample Location: 2266 MILITARY RD Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.2 | 0.16 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.2 | 0.19 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.2 | 0.22 | 1 |
| p/m-Xylene | 1.3 | J | ug/kg | 2.2 | 0.62 | 1 |
| o-Xylene | 0.71 | J | ug/kg | 1.1 | 0.32 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.1 | 0.19 | 1 |
| Styrene | ND | | ug/kg | 1.1 | 0.22 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 11 | 1.0 | 1 |
| Acetone | 44 | | ug/kg | 11 | 5.3 | 1 |
| Carbon disulfide | ND | | ug/kg | 11 | 5.0 | 1 |
| 2-Butanone | 14 | | ug/kg | 11 | 2.5 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 11 | 1.4 | 1 |
| 2-Hexanone | ND | | ug/kg | 11 | 1.3 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.2 | 0.23 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.1 | 0.31 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.3 | 1.1 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.1 | 0.12 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.2 | 0.36 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.2 | 0.30 | 1 |
| Methyl Acetate | ND | | ug/kg | 4.4 | 1.0 | 1 |
| Cyclohexane | ND | | ug/kg | 11 | 0.60 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 89 | 39. | 1 |
| Freon-113 | ND | | ug/kg | 4.4 | 0.77 | 1 |
| Methyl cyclohexane | ND | | ug/kg | 4.4 | 0.67 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 128 | | 70-130 |
| Toluene-d8 | 96 | | 70-130 |
| 4-Bromofluorobenzene | 99 | | 70-130 |
| Dibromofluoromethane | 107 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447597

**Project Number:** 100.002 **Report Date:** 08/22/24

## SAMPLE RESULTS

Lab ID: L2447597-02 Date Collected: 08/21/24 10:10
Client ID: DUPE-LAGOON Date Received: 08/21/24
Sample Location: 2266 MILITARY RD Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/22/24 12:56
Analyst: LAC
Percent Solids: 87%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 5.7 | 2.6 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.1 | 0.16 | 1 |
| Chloroform | ND | | ug/kg | 1.7 | 0.16 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.1 | 0.26 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.1 | 0.14 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.1 | 0.16 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.1 | 0.30 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.57 | 0.22 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.57 | 0.14 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 4.6 | 0.79 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.1 | 0.29 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.57 | 0.19 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.57 | 0.12 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.1 | 0.31 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.57 | 0.18 | 1 |
| Bromoform | ND | | ug/kg | 4.6 | 0.28 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.57 | 0.19 | 1 |
| Benzene | ND | | ug/kg | 0.57 | 0.19 | 1 |
| Toluene | ND | | ug/kg | 1.1 | 0.62 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.1 | 0.16 | 1 |
| Chloromethane | ND | | ug/kg | 4.6 | 1.1 | 1 |
| Bromomethane | ND | | ug/kg | 2.3 | 0.66 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.1 | 0.38 | 1 |
| Chloroethane | ND | | ug/kg | 2.3 | 0.52 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.1 | 0.27 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.7 | 0.16 | 1 |
| Trichloroethene | ND | | ug/kg | 0.57 | 0.16 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.3 | 0.16 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447597

**Project Number:** 100.002 **Report Date:** 08/22/24

## SAMPLE RESULTS

Lab ID: L2447597-02 Date Collected: 08/21/24 10:10

Client ID: DUPE-LAGOON Date Received: 08/21/24

Sample Location: 2266 MILITARY RD Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.3 | 0.17 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.3 | 0.20 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.3 | 0.23 | 1 |
| p/m-Xylene | 0.69 | J | ug/kg | 2.3 | 0.64 | 1 |
| o-Xylene | 0.44 | J | ug/kg | 1.1 | 0.33 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.1 | 0.20 | 1 |
| Styrene | ND | | ug/kg | 1.1 | 0.22 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 11 | 1.0 | 1 |
| Acetone | 37 | | ug/kg | 11 | 5.5 | 1 |
| Carbon disulfide | ND | | ug/kg | 11 | 5.2 | 1 |
| 2-Butanone | 7.7 | J | ug/kg | 11 | 2.5 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 11 | 1.5 | 1 |
| 2-Hexanone | ND | | ug/kg | 11 | 1.3 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.3 | 0.23 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.1 | 0.32 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.4 | 1.1 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.1 | 0.12 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.3 | 0.37 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.3 | 0.31 | 1 |
| Methyl Acetate | ND | | ug/kg | 4.6 | 1.1 | 1 |
| Cyclohexane | ND | | ug/kg | 11 | 0.62 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 91 | 40. | 1 |
| Freon-113 | ND | | ug/kg | 4.6 | 0.79 | 1 |
| Methyl cyclohexane | ND | | ug/kg | 4.6 | 0.69 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 124 | | 70-130 |
| Toluene-d8 | 115 | | 70-130 |
| 4-Bromofluorobenzene | 87 | | 70-130 |
| Dibromofluoromethane | 109 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447597

**Project Number:** 100.002 **Report Date:** 08/22/24

## SAMPLE RESULTS

Lab ID: L2447597-03
Client ID: BASE-01-09
Sample Location: 2266 MILITARY RD

Date Collected: 08/21/24 10:20
Date Received: 08/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/22/24 13:22
Analyst: LAC
Percent Solids: 89%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 3.5 | 1.6 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 0.70 | 0.10 | 1 |
| Chloroform | ND | | ug/kg | 1.0 | 0.10 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 0.70 | 0.16 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 0.70 | 0.09 | 1 |
| Dibromochloromethane | ND | | ug/kg | 0.70 | 0.10 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 0.70 | 0.19 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.35 | 0.14 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.35 | 0.09 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 2.8 | 0.49 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 0.70 | 0.18 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.35 | 0.12 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.35 | 0.08 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 0.70 | 0.19 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.35 | 0.11 | 1 |
| Bromoform | ND | | ug/kg | 2.8 | 0.17 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.35 | 0.12 | 1 |
| Benzene | ND | | ug/kg | 0.35 | 0.12 | 1 |
| Toluene | ND | | ug/kg | 0.70 | 0.38 | 1 |
| Ethylbenzene | ND | | ug/kg | 0.70 | 0.10 | 1 |
| Chloromethane | ND | | ug/kg | 2.8 | 0.66 | 1 |
| Bromomethane | ND | | ug/kg | 1.4 | 0.41 | 1 |
| Vinyl chloride | ND | | ug/kg | 0.70 | 0.24 | 1 |
| Chloroethane | ND | | ug/kg | 1.4 | 0.32 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 0.70 | 0.17 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.0 | 0.10 | 1 |
| Trichloroethene | ND | | ug/kg | 0.35 | 0.10 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 1.4 | 0.10 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447597

**Project Number:** 100.002 **Report Date:** 08/22/24

## SAMPLE RESULTS

Lab ID: L2447597-03 Date Collected: 08/21/24 10:20

Client ID: BASE-01-09 Date Received: 08/21/24

Sample Location: 2266 MILITARY RD Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 1.4 | 0.10 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 1.4 | 0.12 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 1.4 | 0.14 | 1 |
| p/m-Xylene | ND | | ug/kg | 1.4 | 0.39 | 1 |
| o-Xylene | ND | | ug/kg | 0.70 | 0.20 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 0.70 | 0.12 | 1 |
| Styrene | ND | | ug/kg | 0.70 | 0.14 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 7.0 | 0.64 | 1 |
| Acetone | 9.4 | | ug/kg | 7.0 | 3.4 | 1 |
| Carbon disulfide | ND | | ug/kg | 7.0 | 3.2 | 1 |
| 2-Butanone | ND | | ug/kg | 7.0 | 1.6 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 7.0 | 0.90 | 1 |
| 2-Hexanone | ND | | ug/kg | 7.0 | 0.83 | 1 |
| Bromochloromethane | ND | | ug/kg | 1.4 | 0.14 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 0.70 | 0.20 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 2.1 | 0.70 | 1 |
| Isopropylbenzene | ND | | ug/kg | 0.70 | 0.08 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 1.4 | 0.23 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 1.4 | 0.19 | 1 |
| Methyl Acetate | ND | | ug/kg | 2.8 | 0.67 | 1 |
| Cyclohexane | ND | | ug/kg | 7.0 | 0.38 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 56 | 25. | 1 |
| Freon-113 | ND | | ug/kg | 2.8 | 0.49 | 1 |
| Methyl cyclohexane | ND | | ug/kg | 2.8 | 0.42 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 118 | | 70-130 |
| Toluene-d8 | 99 | | 70-130 |
| 4-Bromofluorobenzene | 72 | | 70-130 |
| Dibromofluoromethane | 116 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447597

**Project Number:** 100.002 **Report Date:** 08/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/22/24 09:25
Analyst: MJV

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1962666-5 | | | | | |
| Methylene chloride | ND | | ug/kg | 5.0 | 2.3 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.0 | 0.14 |
| Chloroform | ND | | ug/kg | 1.5 | 0.14 |
| Carbon tetrachloride | ND | | ug/kg | 1.0 | 0.23 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.0 | 0.12 |
| Dibromochloromethane | ND | | ug/kg | 1.0 | 0.14 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.0 | 0.27 |
| Tetrachloroethene | ND | | ug/kg | 0.50 | 0.20 |
| Chlorobenzene | ND | | ug/kg | 0.50 | 0.13 |
| Trichlorofluoromethane | ND | | ug/kg | 4.0 | 0.70 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.0 | 0.26 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.50 | 0.17 |
| Bromodichloromethane | ND | | ug/kg | 0.50 | 0.11 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.0 | 0.27 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.50 | 0.16 |
| Bromoform | ND | | ug/kg | 4.0 | 0.25 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.50 | 0.17 |
| Benzene | ND | | ug/kg | 0.50 | 0.17 |
| Toluene | ND | | ug/kg | 1.0 | 0.54 |
| Ethylbenzene | ND | | ug/kg | 1.0 | 0.14 |
| Chloromethane | ND | | ug/kg | 4.0 | 0.93 |
| Bromomethane | ND | | ug/kg | 2.0 | 0.58 |
| Vinyl chloride | ND | | ug/kg | 1.0 | 0.34 |
| Chloroethane | ND | | ug/kg | 2.0 | 0.45 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.0 | 0.24 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.5 | 0.14 |
| Trichloroethene | ND | | ug/kg | 0.50 | 0.14 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.14 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.15 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447597

**Project Number:** 100.002 **Report Date:** 08/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/22/24 09:25
Analyst: MJV

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1962666-5 | | | | | |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.17 |
| Methyl tert butyl ether | ND | | ug/kg | 2.0 | 0.20 |
| p/m-Xylene | ND | | ug/kg | 2.0 | 0.56 |
| o-Xylene | ND | | ug/kg | 1.0 | 0.29 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.0 | 0.18 |
| Styrene | ND | | ug/kg | 1.0 | 0.20 |
| Dichlorodifluoromethane | ND | | ug/kg | 10 | 0.92 |
| Acetone | ND | | ug/kg | 10 | 4.8 |
| Carbon disulfide | ND | | ug/kg | 10 | 4.6 |
| 2-Butanone | ND | | ug/kg | 10 | 2.2 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 10 | 1.3 |
| 2-Hexanone | ND | | ug/kg | 10 | 1.2 |
| Bromochloromethane | ND | | ug/kg | 2.0 | 0.20 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.0 | 0.28 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.0 | 1.0 |
| Isopropylbenzene | ND | | ug/kg | 1.0 | 0.11 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.32 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.27 |
| Methyl Acetate | ND | | ug/kg | 4.0 | 0.95 |
| Cyclohexane | ND | | ug/kg | 10 | 0.54 |
| 1,4-Dioxane | ND | | ug/kg | 80 | 35. |
| Freon-113 | ND | | ug/kg | 4.0 | 0.69 |
| Methyl cyclohexane | ND | | ug/kg | 4.0 | 0.60 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447597

**Project Number:** 100.002 **Report Date:** 08/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/22/24 09:25
Analyst: MJV

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1962666-5 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 129 | | 70-130 |
| Toluene-d8 | 98 | | 70-130 |
| 4-Bromofluorobenzene | 112 | | 70-130 |
| Dibromofluoromethane | 109 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447597

**Project Number:** 100.002 **Report Date:** 08/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/22/24 09:02
Analyst: MJV

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03 Batch: WG1962743-5 | | | | | |
| Methylene chloride | ND | | ug/kg | 5.0 | 2.3 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.0 | 0.14 |
| Chloroform | ND | | ug/kg | 1.5 | 0.14 |
| Carbon tetrachloride | ND | | ug/kg | 1.0 | 0.23 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.0 | 0.12 |
| Dibromochloromethane | ND | | ug/kg | 1.0 | 0.14 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.0 | 0.27 |
| Tetrachloroethene | ND | | ug/kg | 0.50 | 0.20 |
| Chlorobenzene | ND | | ug/kg | 0.50 | 0.13 |
| Trichlorofluoromethane | ND | | ug/kg | 4.0 | 0.70 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.0 | 0.26 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.50 | 0.17 |
| Bromodichloromethane | ND | | ug/kg | 0.50 | 0.11 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.0 | 0.27 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.50 | 0.16 |
| Bromoform | ND | | ug/kg | 4.0 | 0.25 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.50 | 0.17 |
| Benzene | ND | | ug/kg | 0.50 | 0.17 |
| Toluene | ND | | ug/kg | 1.0 | 0.54 |
| Ethylbenzene | ND | | ug/kg | 1.0 | 0.14 |
| Chloromethane | ND | | ug/kg | 4.0 | 0.93 |
| Bromomethane | ND | | ug/kg | 2.0 | 0.58 |
| Vinyl chloride | ND | | ug/kg | 1.0 | 0.34 |
| Chloroethane | ND | | ug/kg | 2.0 | 0.45 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.0 | 0.24 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.5 | 0.14 |
| Trichloroethene | ND | | ug/kg | 0.50 | 0.14 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.14 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.15 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447597

**Project Number:** 100.002 **Report Date:** 08/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/22/24 09:02
Analyst: MJV

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03 Batch: WG1962743-5 | | | | | |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.17 |
| Methyl tert butyl ether | ND | | ug/kg | 2.0 | 0.20 |
| p/m-Xylene | ND | | ug/kg | 2.0 | 0.56 |
| o-Xylene | ND | | ug/kg | 1.0 | 0.29 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.0 | 0.18 |
| Styrene | ND | | ug/kg | 1.0 | 0.20 |
| Dichlorodifluoromethane | ND | | ug/kg | 10 | 0.92 |
| Acetone | ND | | ug/kg | 10 | 4.8 |
| Carbon disulfide | ND | | ug/kg | 10 | 4.6 |
| 2-Butanone | ND | | ug/kg | 10 | 2.2 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 10 | 1.3 |
| 2-Hexanone | ND | | ug/kg | 10 | 1.2 |
| Bromochloromethane | ND | | ug/kg | 2.0 | 0.20 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.0 | 0.28 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.0 | 1.0 |
| Isopropylbenzene | ND | | ug/kg | 1.0 | 0.11 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.32 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.27 |
| Methyl Acetate | ND | | ug/kg | 4.0 | 0.95 |
| Cyclohexane | ND | | ug/kg | 10 | 0.54 |
| 1,4-Dioxane | ND | | ug/kg | 80 | 35. |
| Freon-113 | ND | | ug/kg | 4.0 | 0.69 |
| Methyl cyclohexane | ND | | ug/kg | 4.0 | 0.60 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447597

**Project Number:** 100.002 **Report Date:** 08/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/22/24 09:02
Analyst: MJV

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03 Batch: WG1962743-5 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 110 | | 70-130 |
| Toluene-d8 | 108 | | 70-130 |
| 4-Bromofluorobenzene | 104 | | 70-130 |
| Dibromofluoromethane | 106 | | 70-130 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2447597

**Report Date:** 08/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1962666-3 WG1962666-4 | | | | | | | | |
| Methylene chloride | 77 | | 78 | | 70-130 | 1 | | 30 |
| 1,1-Dichloroethane | 93 | | 95 | | 70-130 | 2 | | 30 |
| Chloroform | 88 | | 91 | | 70-130 | 3 | | 30 |
| Carbon tetrachloride | 88 | | 89 | | 70-130 | 1 | | 30 |
| 1,2-Dichloropropane | 90 | | 92 | | 70-130 | 2 | | 30 |
| Dibromochloromethane | 88 | | 89 | | 70-130 | 1 | | 30 |
| 1,1,2-Trichloroethane | 89 | | 90 | | 70-130 | 1 | | 30 |
| Tetrachloroethene | 82 | | 81 | | 70-130 | 1 | | 30 |
| Chlorobenzene | 84 | | 84 | | 70-130 | 0 | | 30 |
| Trichlorofluoromethane | 85 | | 86 | | 70-139 | 1 | | 30 |
| 1,2-Dichloroethane | 103 | | 104 | | 70-130 | 1 | | 30 |
| 1,1,1-Trichloroethane | 86 | | 87 | | 70-130 | 1 | | 30 |
| Bromodichloromethane | 87 | | 90 | | 70-130 | 3 | | 30 |
| trans-1,3-Dichloropropene | 93 | | 96 | | 70-130 | 3 | | 30 |
| cis-1,3-Dichloropropene | 87 | | 90 | | 70-130 | 3 | | 30 |
| Bromoform | 83 | | 87 | | 70-130 | 5 | | 30 |
| 1,1,2,2-Tetrachloroethane | 82 | | 87 | | 70-130 | 6 | | 30 |
| Benzene | 82 | | 83 | | 70-130 | 1 | | 30 |
| Toluene | 80 | | 80 | | 70-130 | 0 | | 30 |
| Ethylbenzene | 85 | | 86 | | 70-130 | 1 | | 30 |
| Chloromethane | 102 | | 103 | | 52-130 | 1 | | 30 |
| Bromomethane | 86 | | 86 | | 57-147 | 0 | | 30 |
| Vinyl chloride | 82 | | 82 | | 67-130 | 0 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2447597

**Report Date:** 08/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1962666-3 WG1962666-4 | | | | | | | | |
| Chloroethane | 80 | | 82 | | 50-151 | 2 | | 30 |
| 1,1-Dichloroethene | 72 | | 75 | | 65-135 | 4 | | 30 |
| trans-1,2-Dichloroethene | 74 | | 74 | | 70-130 | 0 | | 30 |
| Trichloroethene | 86 | | 86 | | 70-130 | 0 | | 30 |
| 1,2-Dichlorobenzene | 87 | | 91 | | 70-130 | 4 | | 30 |
| 1,3-Dichlorobenzene | 89 | | 92 | | 70-130 | 3 | | 30 |
| 1,4-Dichlorobenzene | 88 | | 91 | | 70-130 | 3 | | 30 |
| Methyl tert butyl ether | 97 | | 102 | | 66-130 | 5 | | 30 |
| p/m-Xylene | 84 | | 86 | | 70-130 | 2 | | 30 |
| o-Xylene | 86 | | 86 | | 70-130 | 0 | | 30 |
| cis-1,2-Dichloroethene | 81 | | 82 | | 70-130 | 1 | | 30 |
| Styrene | 87 | | 88 | | 70-130 | 1 | | 30 |
| Dichlorodifluoromethane | 70 | | 69 | | 30-146 | 1 | | 30 |
| Acetone | 80 | | 92 | | 54-140 | 14 | | 30 |
| Carbon disulfide | 75 | | 77 | | 59-130 | 3 | | 30 |
| 2-Butanone | 98 | | 106 | | 70-130 | 8 | | 30 |
| 4-Methyl-2-pentanone | 93 | | 96 | | 70-130 | 3 | | 30 |
| 2-Hexanone | 93 | | 102 | | 70-130 | 9 | | 30 |
| Bromochloromethane | 82 | | 86 | | 70-130 | 5 | | 30 |
| 1,2-Dibromoethane | 83 | | 86 | | 70-130 | 4 | | 30 |
| 1,2-Dibromo-3-chloropropane | 79 | | 88 | | 68-130 | 11 | | 30 |
| Isopropylbenzene | 86 | | 90 | | 70-130 | 5 | | 30 |
| 1,2,3-Trichlorobenzene | 90 | | 91 | | 70-130 | 1 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447597
**Report Date:** 08/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1962666-3 WG1962666-4 | | | | | | | | |
| 1,2,4-Trichlorobenzene | 90 | | 92 | | 70-130 | 2 | | 30 |
| Methyl Acetate | 95 | | 98 | | 51-146 | 3 | | 30 |
| Cyclohexane | 95 | | 93 | | 59-142 | 2 | | 30 |
| 1,4-Dioxane | 78 | | 80 | | 65-136 | 3 | | 30 |
| Freon-113 | 78 | | 78 | | 50-139 | 0 | | 30 |
| Methyl cyclohexane | 82 | | 84 | | 70-130 | 2 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 124 | | 122 | | 70-130 |
| Toluene-d8 | 100 | | 101 | | 70-130 |
| 4-Bromofluorobenzene | 107 | | 111 | | 70-130 |
| Dibromofluoromethane | 102 | | 103 | | 70-130 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2447597

**Report Date:** 08/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG1962743-3 WG1962743-4 | | | | | | | | |
| Methylene chloride | 104 | | 103 | | 70-130 | 1 | | 30 |
| 1,1-Dichloroethane | 99 | | 102 | | 70-130 | 3 | | 30 |
| Chloroform | 102 | | 101 | | 70-130 | 1 | | 30 |
| Carbon tetrachloride | 113 | | 109 | | 70-130 | 4 | | 30 |
| 1,2-Dichloropropane | 92 | | 96 | | 70-130 | 4 | | 30 |
| Dibromochloromethane | 106 | | 93 | | 70-130 | 13 | | 30 |
| 1,1,2-Trichloroethane | 102 | | 87 | | 70-130 | 16 | | 30 |
| Tetrachloroethene | 120 | | 100 | | 70-130 | 18 | | 30 |
| Chlorobenzene | 103 | | 98 | | 70-130 | 5 | | 30 |
| Trichlorofluoromethane | 118 | | 115 | | 70-139 | 3 | | 30 |
| 1,2-Dichloroethane | 102 | | 99 | | 70-130 | 3 | | 30 |
| 1,1,1-Trichloroethane | 114 | | 112 | | 70-130 | 2 | | 30 |
| Bromodichloromethane | 98 | | 101 | | 70-130 | 3 | | 30 |
| trans-1,3-Dichloropropene | 103 | | 88 | | 70-130 | 16 | | 30 |
| cis-1,3-Dichloropropene | 97 | | 97 | | 70-130 | 0 | | 30 |
| Bromoform | 108 | | 98 | | 70-130 | 10 | | 30 |
| 1,1,2,2-Tetrachloroethane | 108 | | 93 | | 70-130 | 15 | | 30 |
| Benzene | 101 | | 100 | | 70-130 | 1 | | 30 |
| Toluene | 112 | | 100 | | 70-130 | 11 | | 30 |
| Ethylbenzene | 105 | | 98 | | 70-130 | 7 | | 30 |
| Chloromethane | 90 | | 88 | | 52-130 | 2 | | 30 |
| Bromomethane | 137 | | 131 | | 57-147 | 4 | | 30 |
| Vinyl chloride | 104 | | 100 | | 67-130 | 4 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2447597

**Report Date:** 08/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG1962743-3 WG1962743-4 | | | | | | | | |
| Chloroethane | 111 | | 107 | | 50-151 | 4 | | 30 |
| 1,1-Dichloroethene | 95 | | 101 | | 65-135 | 6 | | 30 |
| trans-1,2-Dichloroethene | 104 | | 100 | | 70-130 | 4 | | 30 |
| Trichloroethene | 104 | | 104 | | 70-130 | 0 | | 30 |
| 1,2-Dichlorobenzene | 112 | | 97 | | 70-130 | 14 | | 30 |
| 1,3-Dichlorobenzene | 117 | | 101 | | 70-130 | 15 | | 30 |
| 1,4-Dichlorobenzene | 102 | | 98 | | 70-130 | 4 | | 30 |
| Methyl tert butyl ether | 102 | | 100 | | 66-130 | 2 | | 30 |
| p/m-Xylene | 111 | | 99 | | 70-130 | 11 | | 30 |
| o-Xylene | 109 | | 79 | | 70-130 | **32** | Q | 30 |
| cis-1,2-Dichloroethene | 94 | | 97 | | 70-130 | 3 | | 30 |
| Styrene | 114 | | 84 | | 70-130 | 30 | | 30 |
| Dichlorodifluoromethane | 98 | | 94 | | 30-146 | 4 | | 30 |
| Acetone | 84 | | 81 | | 54-140 | 4 | | 30 |
| Carbon disulfide | 95 | | 99 | | 59-130 | 4 | | 30 |
| 2-Butanone | 83 | | 88 | | 70-130 | 6 | | 30 |
| 4-Methyl-2-pentanone | 92 | | 83 | | 70-130 | 10 | | 30 |
| 2-Hexanone | 88 | | 91 | | 70-130 | 3 | | 30 |
| Bromochloromethane | 97 | | 101 | | 70-130 | 4 | | 30 |
| 1,2-Dibromoethane | 103 | | 97 | | 70-130 | 6 | | 30 |
| 1,2-Dibromo-3-chloropropane | 92 | | 88 | | 68-130 | 4 | | 30 |
| Isopropylbenzene | 113 | | 95 | | 70-130 | 17 | | 30 |
| 1,2,3-Trichlorobenzene | 91 | | 97 | | 70-130 | 6 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2447597

**Report Date:** 08/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG1962743-3 WG1962743-4 | | | | | | | | |
| 1,2,4-Trichlorobenzene | 114 | | 99 | | 70-130 | 14 | | 30 |
| Methyl Acetate | 94 | | 96 | | 51-146 | 2 | | 30 |
| Cyclohexane | 106 | | 106 | | 59-142 | 0 | | 30 |
| 1,4-Dioxane | 74 | | 85 | | 65-136 | 14 | | 30 |
| Freon-113 | 108 | | 110 | | 50-139 | 2 | | 30 |
| Methyl cyclohexane | 106 | | 102 | | 70-130 | 4 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 107 | | 111 | | 70-130 |
| Toluene-d8 | 104 | | 98 | | 70-130 |
| 4-Bromofluorobenzene | 103 | | 90 | | 70-130 |
| Dibromofluoromethane | 104 | | 109 | | 70-130 |

# Matrix Spike Analysis
## *Batch Quality Control*

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002
**Lab Number:** L2447597
**Report Date:** 08/22/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1962666-6 WG1962666-7 QC Sample: L2447597-01 Client ID: LAGOON-SW-N-7 | | | | | | | | | | | | |
| Methylene chloride | ND | 102 | 91 | 89 | | 84 | 82 | | 70-130 | 8 | | 30 |
| 1,1-Dichloroethane | ND | 102 | 110 | 110 | | 110 | 103 | | 70-130 | 6 | | 30 |
| Chloroform | ND | 102 | 97 | 94 | | 93 | 90 | | 70-130 | 4 | | 30 |
| Carbon tetrachloride | ND | 102 | 100 | 102 | | 98 | 96 | | 70-130 | 6 | | 30 |
| 1,2-Dichloropropane | ND | 102 | 110 | 103 | | 99 | 96 | | 70-130 | 6 | | 30 |
| Dibromochloromethane | ND | 102 | 87 | 85 | | 80 | 78 | | 70-130 | 9 | | 30 |
| 1,1,2-Trichloroethane | ND | 102 | 88 | 86 | | 82 | 80 | | 70-130 | 8 | | 30 |
| Tetrachloroethene | ND | 102 | 91 | 89 | | 83 | 81 | | 70-130 | 9 | | 30 |
| Chlorobenzene | ND | 102 | 90 | 88 | | 81 | 79 | | 70-130 | 11 | | 30 |
| Trichlorofluoromethane | ND | 102 | 110 | 105 | | 100 | 100 | | 70-139 | 5 | | 30 |
| 1,2-Dichloroethane | ND | 102 | 97 | 95 | | 91 | 89 | | 70-130 | 6 | | 30 |
| 1,1,1-Trichloroethane | ND | 102 | 100 | 100 | | 96 | 94 | | 70-130 | 6 | | 30 |
| Bromodichloromethane | ND | 102 | 91 | 89 | | 87 | 85 | | 70-130 | 5 | | 30 |
| trans-1,3-Dichloropropene | ND | 102 | 95 | 93 | | 88 | 85 | | 70-130 | 8 | | 30 |
| cis-1,3-Dichloropropene | ND | 102 | 95 | 93 | | 88 | 86 | | 70-130 | 7 | | 30 |
| Bromoform | ND | 102 | 83 | 81 | | 75 | 73 | | 70-130 | 10 | | 30 |
| 1,1,2,2-Tetrachloroethane | ND | 102 | 82 | 80 | | 72 | 71 | | 70-130 | 12 | | 30 |
| Benzene | ND | 102 | 96 | 94 | | 90 | 88 | | 70-130 | 6 | | 30 |
| Toluene | ND | 102 | 92 | 90 | | 85 | 83 | | 70-130 | 9 | | 30 |
| Ethylbenzene | 0.32J | 102 | 98 | 96 | | 87 | 85 | | 70-130 | 11 | | 30 |
| Chloromethane | ND | 102 | 130 | 128 | | 130 | 123 | | 52-130 | 4 | | 30 |
| Bromomethane | ND | 102 | 100 | 102 | | 100 | 97 | | 57-147 | 4 | | 30 |
| Vinyl chloride | ND | 102 | 120 | 114 | | 110 | 106 | | 67-130 | 7 | | 30 |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447597
**Report Date:** 08/22/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1962666-6 WG1962666-7 QC Sample: L2447597-01 Client ID: LAGOON-SW-N-7 | | | | | | | | | | | | |
| Chloroethane | ND | 102 | 110 | 105 | | 100 | 100 | | 50-151 | 5 | | 30 |
| 1,1-Dichloroethene | ND | 102 | 96 | 94 | | 92 | 89 | | 65-135 | 5 | | 30 |
| trans-1,2-Dichloroethene | ND | 102 | 91 | 89 | | 86 | 84 | | 70-130 | 5 | | 30 |
| Trichloroethene | ND | 102 | 99 | 97 | | 94 | 92 | | 70-130 | 5 | | 30 |
| 1,2-Dichlorobenzene | ND | 102 | 81 | 80 | | 74 | 72 | | 70-130 | 10 | | 30 |
| 1,3-Dichlorobenzene | ND | 102 | 84 | 83 | | 74 | 72 | | 70-130 | 13 | | 30 |
| 1,4-Dichlorobenzene | ND | 102 | 82 | 80 | | 73 | 71 | | 70-130 | 12 | | 30 |
| Methyl tert butyl ether | ND | 102 | 98 | 96 | | 93 | 91 | | 66-130 | 5 | | 30 |
| p/m-Xylene | 1.3J | 204 | 190 | 92 | | 170 | 82 | | 70-130 | 11 | | 30 |
| o-Xylene | 0.71J | 204 | 190 | 91 | | 170 | 81 | | 70-130 | 11 | | 30 |
| cis-1,2-Dichloroethene | ND | 102 | 93 | 90 | | 87 | 85 | | 70-130 | 6 | | 30 |
| Styrene | ND | 204 | 180 | 87 | | 160 | 79 | | 70-130 | 9 | | 30 |
| Dichlorodifluoromethane | ND | 102 | 88 | 86 | | 84 | 82 | | 30-146 | 5 | | 30 |
| Acetone | 44 | 102 | 150 | 106 | | 130 | 88 | | 54-140 | 13 | | 30 |
| Carbon disulfide | ND | 102 | 100 | 101 | | 97 | 95 | | 59-130 | 6 | | 30 |
| 2-Butanone | 14 | 102 | 110 | 96 | | 100 | 88 | | 70-130 | 7 | | 30 |
| 4-Methyl-2-pentanone | ND | 102 | 94 | 92 | | 88 | 86 | | 70-130 | 7 | | 30 |
| 2-Hexanone | ND | 102 | 97 | 95 | | 89 | 86 | | 70-130 | 9 | | 30 |
| Bromochloromethane | ND | 102 | 86 | 84 | | 80 | 78 | | 70-130 | 7 | | 30 |
| 1,2-Dibromoethane | ND | 102 | 82 | 80 | | 77 | 75 | | 70-130 | 7 | | 30 |
| 1,2-Dibromo-3-chloropropane | ND | 102 | 74 | 73 | | 68 | **66** | Q | 68-130 | 9 | | 30 |
| Isopropylbenzene | ND | 102 | 100 | 101 | | 89 | 87 | | 70-130 | 15 | | 30 |
| 1,2,3-Trichlorobenzene | ND | 102 | 66 | **64** | Q | 63 | **61** | Q | 70-130 | 4 | | 30 |

# Matrix Spike Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447597
**Report Date:** 08/22/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1962666-6 WG1962666-7 QC Sample: L2447597-01 Client ID: LAGOON-SW-N-7 | | | | | | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 102 | 68 | **66** | Q | 62 | **61** | Q | 70-130 | 8 | | 30 |
| Methyl Acetate | ND | 102 | 100 | 98 | | 92 | 90 | | 51-146 | 9 | | 30 |
| Cyclohexane | ND | 102 | 130 | 125 | | 120 | 118 | | 59-142 | 6 | | 30 |
| 1,4-Dioxane | ND | 5110 | 3800 | 74 | | 4100 | 79 | | 65-136 | 7 | | 30 |
| Freon-113 | ND | 102 | 100 | 100 | | 96 | 93 | | 50-139 | 6 | | 30 |
| Methyl cyclohexane | ND | 102 | 110 | 104 | | 100 | 98 | | 70-130 | 5 | | 30 |

| Surrogate | MS % Recovery | MS Qualifier | MSD % Recovery | MSD Qualifier | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 112 | | 118 | | 70-130 |
| 4-Bromofluorobenzene | 106 | | 105 | | 70-130 |
| Dibromofluoromethane | 99 | | 102 | | 70-130 |
| Toluene-d8 | 101 | | 99 | | 70-130 |

# INORGANICS
# &
# MISCELLANEOUS

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447597
**Report Date:** 08/22/24

## SAMPLE RESULTS

Lab ID: L2447597-01
Client ID: LAGOON-SW-N-7
Sample Location: 2266 MILITARY RD

Date Collected: 08/21/24 10:00
Date Received: 08/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 86.0 | | % | 0.100 | NA | 1 | - | 08/22/24 04:49 | 121,2540G | WJM |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447597
**Report Date:** 08/22/24

## SAMPLE RESULTS

Lab ID: L2447597-02
Client ID: DUPE-LAGOON
Sample Location: 2266 MILITARY RD

Date Collected: 08/21/24 10:10
Date Received: 08/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 87.1 | | % | 0.100 | NA | 1 | - | 08/22/24 04:49 | 121,2540G | WJM |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447597
**Report Date:** 08/22/24

## SAMPLE RESULTS

Lab ID: L2447597-03
Client ID: BASE-01-09
Sample Location: 2266 MILITARY RD

Date Collected: 08/21/24 10:20
Date Received: 08/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 89.3 | | % | 0.100 | NA | 1 | - | 08/22/24 04:49 | 121,2540G | WJM |

# Lab Duplicate Analysis

***Batch Quality Control***

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

***Lab Number:*** L2447597

***Report Date:*** 08/22/24

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1962393-1 QC Sample: L2447597-01 Client ID: LAGOON-SW-N-7 | | | | | | |
| Solids, Total | 86.0 | 86.2 | % | 0 | | 20 |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2447597
**Report Date:** 08/22/24

## Sample Receipt and Container Information

Were project specific reporting limits specified? YES

### Cooler Information

| Cooler | Custody Seal |
|---|---|
| A | Absent |

### Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2447597-01A | Vial Large Septa unpreserved (4oz) | A | NA | | 2.8 | Y | Absent | | NYTCL-8260-R2(14),TS(7) |
| L2447597-01A1 | Vial Large Septa unpreserved (4oz) | A | NA | | 2.8 | Y | Absent | | NYTCL-8260-R2(14),TS(7) |
| L2447597-01A2 | Vial Large Septa unpreserved (4oz) | A | NA | | 2.8 | Y | Absent | | NYTCL-8260-R2(14),TS(7) |
| L2447597-01X | Vial MeOH preserved split | A | NA | | 2.8 | Y | Absent | | NYTCL-8260-R2(14) |
| L2447597-01X1 | Vial MeOH preserved split | A | NA | | 2.8 | Y | Absent | | NYTCL-8260-R2(14) |
| L2447597-01X2 | Vial MeOH preserved split | A | NA | | 2.8 | Y | Absent | | NYTCL-8260-R2(14) |
| L2447597-01Y | Vial Water preserved split | A | NA | | 2.8 | Y | Absent | 22-AUG-24 08:03 | NYTCL-8260-R2(14) |
| L2447597-01Y1 | Vial Water preserved split | A | NA | | 2.8 | Y | Absent | 22-AUG-24 08:03 | NYTCL-8260-R2(14) |
| L2447597-01Y2 | Vial Water preserved split | A | NA | | 2.8 | Y | Absent | 22-AUG-24 08:03 | NYTCL-8260-R2(14) |
| L2447597-01Z | Vial Water preserved split | A | NA | | 2.8 | Y | Absent | 22-AUG-24 08:03 | NYTCL-8260-R2(14) |
| L2447597-01Z1 | Vial Water preserved split | A | NA | | 2.8 | Y | Absent | 22-AUG-24 08:03 | NYTCL-8260-R2(14) |
| L2447597-01Z2 | Vial Water preserved split | A | NA | | 2.8 | Y | Absent | 22-AUG-24 08:03 | NYTCL-8260-R2(14) |
| L2447597-02A | Vial Large Septa unpreserved (4oz) | A | NA | | 2.8 | Y | Absent | | NYTCL-8260-R2(14),TS(7) |
| L2447597-02X | Vial MeOH preserved split | A | NA | | 2.8 | Y | Absent | | NYTCL-8260-R2(14) |
| L2447597-02Y | Vial Water preserved split | A | NA | | 2.8 | Y | Absent | 22-AUG-24 08:03 | NYTCL-8260-R2(14) |
| L2447597-02Z | Vial Water preserved split | A | NA | | 2.8 | Y | Absent | 22-AUG-24 08:03 | NYTCL-8260-R2(14) |
| L2447597-03A | Vial Large Septa unpreserved (4oz) | A | NA | | 2.8 | Y | Absent | | NYTCL-8260-R2(14),TS(7) |
| L2447597-03X | Vial MeOH preserved split | A | NA | | 2.8 | Y | Absent | | NYTCL-8260-R2(14) |
| L2447597-03Y | Vial Water preserved split | A | NA | | 2.8 | Y | Absent | 22-AUG-24 08:03 | NYTCL-8260-R2(14) |
| L2447597-03Z | Vial Water preserved split | A | NA | | 2.8 | Y | Absent | 22-AUG-24 08:03 | NYTCL-8260-R2(14) |



*Values in parentheses indicate holding time in days

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2447597 |
| **Project Number:** | 100.002 | **Report Date:** | 08/22/24 |

## GLOSSARY

***Acronyms***

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

*Report Format: DU Report with 'J' Qualifiers*

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2447597 |
| **Project Number:** | 100.002 | **Report Date:** | 08/22/24 |

***Footnotes***

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

***Terms***

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

***Data Qualifiers***

**A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

**B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

**C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

**D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

**E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

**F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

**G** - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

**H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

**I** - The lower value for the two columns has been reported due to obvious interference.

**J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

*Report Format: DU Report with 'J' Qualifiers*

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2447597 |
| **Project Number:** | 100.002 | **Report Date:** | 08/22/24 |

***Data Qualifiers***

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

**M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

**ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

**NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

**P** - The RPD between the results for the two columns exceeds the method-specified criteria.

**Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

**R** - Analytical results are from sample re-analysis.

**RE** - Analytical results are from sample re-extraction.

**S** - Analytical results are from modified screening analysis.

**V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

**Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2447597

**Project Number:** 100.002 **Report Date:** 08/22/24

## REFERENCES


1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.


## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

# Certification Information

**The following analytes are not included in our Primary NELAP Scope of Accreditation:**

**Westborough Facility**
**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene
**EPA 625.1:** alpha-Terpineol
**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
**EPA 8270E:** NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
**SM4500**: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

**Mansfield Facility**
**SM 2540D:** TSS.
**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
**Nonpotable Water: EPA RSK-175 Dissolved Gases**
**Biological Tissue Matrix:** EPA 3050B

**The following analytes are included in our Massachusetts DEP Scope of Accreditation**

**Westborough Facility:**

***Drinking Water***
**EPA 300.0**: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
**EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
**Microbiology**: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

***Non-Potable Water***
**SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
**EPA 624.1**: Volatile Halocarbons & Aromatics,
**EPA 608.3**: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
**EPA 625.1**: SVOC (Acid/Base/Neutral Extractables).
**Microbiology**: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

**Mansfield Facility:**

***Drinking Water***
**EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
**EPA 522, EPA 537.1.**

***Non-Potable Water***
**EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
**EPA 200.8:** Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
**EPA 245.1** Hg.
**SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

# NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

**Service Centers**
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 8/22/24

ALPHA Job #: L2447591

## Client Information
Client: Marsh Leader
Address: 271 Marsh Rd #2
Pittsford, NY 14534
Phone: 585-248-2413
Fax:
Email: BAhrens@leaderlink.com

## Project Information
Project Name: Bisonite painting
Project Location: 2266 Military Rd
Project #: 100.002
(Use Project name as Project #)
Project Manager: Bruce Ahrens
ALPHAQuote #:

## Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 1 DAY TAT

## Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

## Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

## Billing Information
☒ Same as Client Info
PO #

## Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☒ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

**Other project specific requirements/comments:**

cc: espinto@leaderlink.com

**Please specify Metals or TAL.**

## ANALYSIS
TCL VOCs

**Sample Filtration**
☐ Done
☒ Lab to do
**Preservation**
☐ Lab to do
*(Please Specify below)*

| ALPHA Lab ID (Lab Use Only) | Sample ID | Collection Date | Collection Time | Sample Matrix | Sampler's Initials | TCL VOCs | Sample Specific Comments | Total Bottles |
|---|---|---|---|---|---|---|---|---|
| 47597-01 | Lagoon-SW-N-7 | 8/2/24 | 10:00 | soil | es | X | ms/msd collected | 3 |
| -02 | Dupe-Lagoon | 8/21/24 | 10:30 | soil | es | X | | 1 |
| -03 | Base-01-09 | 8/21/24 | 10:20 | soil | es | X | | 1 |

Preservative Code:
A = None
B = HCl
C = $HNO_3$
D = $H_2SO_4$
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Container Type | A | | | | | | | | | | |
| Preservative | A | | | | | | | | | | |

| Relinquished By: | Date/Time | Received By: | Date/Time |
|---|---|---|---|
| Emily Estle | 8/21/24 11:10 | Adam Foley (PACE) | 8/21/24 11:10 |
| BSC Russell B Bisby | 8-21-24 2000 | Julie | 8/22/24 2:00 |

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

# ANALYTICAL REPORT

| | |
|---|---|
| Lab Number: | L2448023 |
| Client: | Leader Professional Services, Inc.<br>271 Marsh Road, Suite 2<br>Pittsford, NY 14534 |
| ATTN: | Bruce Ahrens |
| Phone: | (585) 248-2413 |
| Project Name: | BISONITE PAINT CO. |
| Project Number: | 100.002 |
| Report Date: | 08/23/24 |

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2448023
**Report Date:** 08/23/24

| Alpha Sample ID | Client ID | Matrix | Sample Location | Collection Date/Time | Receive Date |
|---|---|---|---|---|---|
| L2448023-01 | LAGOON-SW-NE-7 | SOIL | 2266 MILITARY RD., TONAWANDA, NY | 08/22/24 09:45 | 08/22/24 |
| L2448023-02 | LAGOON-SW-N2-08 | SOIL | 2266 MILITARY RD., TONAWANDA, NY | 08/22/24 11:40 | 08/22/24 |
| L2448023-03 | LAGOON-SW-S2-6.5 | SOIL | 2266 MILITARY RD., TONAWANDA, NY | 08/22/24 11:30 | 08/22/24 |
| L2448023-04 | BASE-03-07 | SOIL | 2266 MILITARY RD., TONAWANDA, NY | 08/22/24 11:10 | 08/22/24 |

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2448023 |
| **Project Number:** | 100.002 | **Report Date:** | 08/23/24 |

## Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2448023 |
| **Project Number:** | 100.002 | **Report Date:** | 08/23/24 |

**Case Narrative (continued)**

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

L2448023-03: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (190%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

Semivolatile Organics

L2448023-01D, -02D, and -03D: The sample has elevated detection limits due to the dilution required by the sample matrix.

Total Metals

L2448023-01 through -04: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1962894-3 MS recoveries for aluminum (515%), calcium (0%), iron (543%), magnesium (0%), manganese (0%), and zinc (0%), performed on L2448023-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1962894-3 MS recoveries, performed on L2448023-01, are outside the acceptance criteria for chromium (57%), cobalt (73%), lead (25%), nickel (72%), and thallium (72%). A post digestion spike was performed and was within acceptance criteria.

The WG1962895-3 MS recovery, performed on L2448023-01, is outside the acceptance criteria for mercury (44%). A post digestion spike was performed and was within acceptance criteria.

The WG1962894-4 Laboratory Duplicate RPDs for chromium (55%), lead (91%), manganese (44%), and zinc

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2448023 |
| **Project Number:** | 100.002 | **Report Date:** | 08/23/24 |

**Case Narrative (continued)**

(61%), performed on L2448023-01, are outside the acceptance criteria. The elevated RPDs have been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 08/23/24

# ORGANICS

# VOLATILES

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-01 Date Collected: 08/22/24 09:45

Client ID: LAGOON-SW-NE-7 Date Received: 08/22/24

Sample Location: 2266 MILITARY RD., TONAWANDA, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 08/23/24 10:38

Analyst: AJK

Percent Solids: 84%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 4.7 | 2.1 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 0.94 | 0.14 | 1 |
| Chloroform | ND | | ug/kg | 1.4 | 0.13 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 0.94 | 0.22 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 0.94 | 0.12 | 1 |
| Dibromochloromethane | ND | | ug/kg | 0.94 | 0.13 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 0.94 | 0.25 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.47 | 0.18 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.47 | 0.12 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 3.8 | 0.65 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 0.94 | 0.24 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.47 | 0.16 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.47 | 0.10 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 0.94 | 0.26 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.47 | 0.15 | 1 |
| Bromoform | ND | | ug/kg | 3.8 | 0.23 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.47 | 0.16 | 1 |
| Benzene | 2.2 | | ug/kg | 0.47 | 0.16 | 1 |
| Toluene | ND | | ug/kg | 0.94 | 0.51 | 1 |
| Ethylbenzene | 0.13 | J | ug/kg | 0.94 | 0.13 | 1 |
| Chloromethane | ND | | ug/kg | 3.8 | 0.87 | 1 |
| Bromomethane | ND | | ug/kg | 1.9 | 0.54 | 1 |
| Vinyl chloride | ND | | ug/kg | 0.94 | 0.31 | 1 |
| Chloroethane | ND | | ug/kg | 1.9 | 0.42 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 0.94 | 0.22 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.4 | 0.13 | 1 |
| Trichloroethene | ND | | ug/kg | 0.47 | 0.13 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 1.9 | 0.14 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-01 Date Collected: 08/22/24 09:45

Client ID: LAGOON-SW-NE-7 Date Received: 08/22/24

Sample Location: 2266 MILITARY RD., TONAWANDA, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 1.9 | 0.14 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 1.9 | 0.16 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 1.9 | 0.19 | 1 |
| p/m-Xylene | 2.0 | | ug/kg | 1.9 | 0.52 | 1 |
| o-Xylene | 0.76 | J | ug/kg | 0.94 | 0.27 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 0.94 | 0.16 | 1 |
| Styrene | ND | | ug/kg | 0.94 | 0.18 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 9.4 | 0.86 | 1 |
| Acetone | 35 | | ug/kg | 9.4 | 4.5 | 1 |
| Carbon disulfide | ND | | ug/kg | 9.4 | 4.3 | 1 |
| 2-Butanone | 7.1 | J | ug/kg | 9.4 | 2.1 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 9.4 | 1.2 | 1 |
| 2-Hexanone | ND | | ug/kg | 9.4 | 1.1 | 1 |
| Bromochloromethane | ND | | ug/kg | 1.9 | 0.19 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 0.94 | 0.26 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 2.8 | 0.94 | 1 |
| Isopropylbenzene | 0.16 | J | ug/kg | 0.94 | 0.10 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 1.9 | 0.30 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 1.9 | 0.26 | 1 |
| Methyl Acetate | ND | | ug/kg | 3.8 | 0.89 | 1 |
| Cyclohexane | ND | | ug/kg | 9.4 | 0.51 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 75 | 33. | 1 |
| Freon-113 | ND | | ug/kg | 3.8 | 0.65 | 1 |
| Methyl cyclohexane | ND | | ug/kg | 3.8 | 0.56 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 105 | | 70-130 |
| Toluene-d8 | 99 | | 70-130 |
| 4-Bromofluorobenzene | 89 | | 70-130 |
| Dibromofluoromethane | 108 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-02 Date Collected: 08/22/24 11:40

Client ID: LAGOON-SW-N2-08 Date Received: 08/22/24

Sample Location: 2266 MILITARY RD., TONAWANDA, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 08/23/24 11:55

Analyst: AJK

Percent Solids: 87%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 230 | 100 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 46 | 6.6 | 1 |
| Chloroform | ND | | ug/kg | 69 | 6.4 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 46 | 10. | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 46 | 5.7 | 1 |
| Dibromochloromethane | ND | | ug/kg | 46 | 6.4 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 46 | 12. | 1 |
| Tetrachloroethene | ND | | ug/kg | 23 | 9.0 | 1 |
| Chlorobenzene | ND | | ug/kg | 23 | 5.8 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 180 | 32. | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 46 | 12. | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 23 | 7.6 | 1 |
| Bromodichloromethane | ND | | ug/kg | 23 | 5.0 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 46 | 12. | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 23 | 7.2 | 1 |
| Bromoform | ND | | ug/kg | 180 | 11. | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 23 | 7.6 | 1 |
| Benzene | 18 | J | ug/kg | 23 | 7.6 | 1 |
| Toluene | 240 | | ug/kg | 46 | 25. | 1 |
| Ethylbenzene | 410 | | ug/kg | 46 | 6.4 | 1 |
| Chloromethane | ND | | ug/kg | 180 | 43. | 1 |
| Bromomethane | ND | | ug/kg | 92 | 26. | 1 |
| Vinyl chloride | ND | | ug/kg | 46 | 15. | 1 |
| Chloroethane | ND | | ug/kg | 92 | 21. | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 46 | 11. | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 69 | 6.3 | 1 |
| Trichloroethene | ND | | ug/kg | 23 | 6.3 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 92 | 6.6 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-02 Date Collected: 08/22/24 11:40

Client ID: LAGOON-SW-N2-08 Date Received: 08/22/24

Sample Location: 2266 MILITARY RD., TONAWANDA, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 92 | 6.8 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 92 | 7.8 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 92 | 9.2 | 1 |
| p/m-Xylene | 5800 | | ug/kg | 92 | 26. | 1 |
| o-Xylene | 380 | | ug/kg | 46 | 13. | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 46 | 8.0 | 1 |
| Styrene | ND | | ug/kg | 46 | 9.0 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 460 | 42. | 1 |
| Acetone | ND | | ug/kg | 460 | 220 | 1 |
| Carbon disulfide | ND | | ug/kg | 460 | 210 | 1 |
| 2-Butanone | ND | | ug/kg | 460 | 100 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 460 | 58. | 1 |
| 2-Hexanone | ND | | ug/kg | 460 | 54. | 1 |
| Bromochloromethane | ND | | ug/kg | 92 | 9.4 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 46 | 13. | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 140 | 46. | 1 |
| Isopropylbenzene | 83 | | ug/kg | 46 | 5.0 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 92 | 15. | 1 |
| 1,2,4-Trichlorobenzene | 23 | J | ug/kg | 92 | 12. | 1 |
| Methyl Acetate | 46 | J | ug/kg | 180 | 43. | 1 |
| Cyclohexane | ND | | ug/kg | 460 | 25. | 1 |
| 1,4-Dioxane | ND | | ug/kg | 3700 | 1600 | 1 |
| Freon-113 | ND | | ug/kg | 180 | 32. | 1 |
| Methyl cyclohexane | ND | | ug/kg | 180 | 28. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 112 | | 70-130 |
| Toluene-d8 | 115 | | 70-130 |
| 4-Bromofluorobenzene | 102 | | 70-130 |
| Dibromofluoromethane | 115 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

**SAMPLE RESULTS**

Lab ID: L2448023-03 Date Collected: 08/22/24 11:30
Client ID: LAGOON-SW-S2-6.5 Date Received: 08/22/24
Sample Location: 2266 MILITARY RD., TONAWANDA, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/23/24 11:29
Analyst: AJK
Percent Solids: 82%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 300 | 140 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 59 | 8.6 | 1 |
| Chloroform | ND | | ug/kg | 89 | 8.3 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 59 | 14. | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 59 | 7.4 | 1 |
| Dibromochloromethane | ND | | ug/kg | 59 | 8.3 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 59 | 16. | 1 |
| Tetrachloroethene | ND | | ug/kg | 30 | 12. | 1 |
| Chlorobenzene | ND | | ug/kg | 30 | 7.5 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 240 | 41. | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 59 | 15. | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 30 | 9.9 | 1 |
| Bromodichloromethane | ND | | ug/kg | 30 | 6.5 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 59 | 16. | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 30 | 9.4 | 1 |
| Bromoform | ND | | ug/kg | 240 | 14. | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 30 | 9.8 | 1 |
| Benzene | 25 | J | ug/kg | 30 | 9.8 | 1 |
| Toluene | ND | | ug/kg | 59 | 32. | 1 |
| Ethylbenzene | 930 | | ug/kg | 59 | 8.4 | 1 |
| Chloromethane | ND | | ug/kg | 240 | 55. | 1 |
| Bromomethane | ND | | ug/kg | 120 | 34. | 1 |
| Vinyl chloride | ND | | ug/kg | 59 | 20. | 1 |
| Chloroethane | ND | | ug/kg | 120 | 27. | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 59 | 14. | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 89 | 8.1 | 1 |
| Trichloroethene | ND | | ug/kg | 30 | 8.1 | 1 |
| 1,2-Dichlorobenzene | 24 | J | ug/kg | 120 | 8.5 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-03 Date Collected: 08/22/24 11:30

Client ID: LAGOON-SW-S2-6.5 Date Received: 08/22/24

Sample Location: 2266 MILITARY RD., TONAWANDA, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | 10 | J | ug/kg | 120 | 8.8 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 120 | 10. | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 120 | 12. | 1 |
| p/m-Xylene | 29000 | | ug/kg | 120 | 33. | 1 |
| o-Xylene | 59 | | ug/kg | 59 | 17. | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 59 | 10. | 1 |
| Styrene | ND | | ug/kg | 59 | 12. | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 590 | 54. | 1 |
| Acetone | ND | | ug/kg | 590 | 280 | 1 |
| Carbon disulfide | ND | | ug/kg | 590 | 270 | 1 |
| 2-Butanone | ND | | ug/kg | 590 | 130 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 590 | 76. | 1 |
| 2-Hexanone | ND | | ug/kg | 590 | 70. | 1 |
| Bromochloromethane | ND | | ug/kg | 120 | 12. | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 59 | 16. | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 180 | 59. | 1 |
| Isopropylbenzene | 1900 | | ug/kg | 59 | 6.5 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 120 | 19. | 1 |
| 1,2,4-Trichlorobenzene | 56 | J | ug/kg | 120 | 16. | 1 |
| Methyl Acetate | ND | | ug/kg | 240 | 56. | 1 |
| Cyclohexane | 44 | J | ug/kg | 590 | 32. | 1 |
| 1,4-Dioxane | ND | | ug/kg | 4700 | 2100 | 1 |
| Freon-113 | ND | | ug/kg | 240 | 41. | 1 |
| Methyl cyclohexane | 130 | J | ug/kg | 240 | 36. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 107 | | 70-130 |
| Toluene-d8 | 90 | | 70-130 |
| 4-Bromofluorobenzene | **190** | Q | 70-130 |
| Dibromofluoromethane | 100 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

**SAMPLE RESULTS**

Lab ID: L2448023-04 Date Collected: 08/22/24 11:10
Client ID: BASE-03-07 Date Received: 08/22/24
Sample Location: 2266 MILITARY RD., TONAWANDA, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/23/24 11:04
Analyst: AJK
Percent Solids: 88%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 5.3 | 2.4 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.1 | 0.15 | 1 |
| Chloroform | ND | | ug/kg | 1.6 | 0.15 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.1 | 0.24 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.1 | 0.13 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.1 | 0.15 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.1 | 0.28 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.53 | 0.21 | 1 |
| Chlorobenzene | 1.4 | | ug/kg | 0.53 | 0.13 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 4.2 | 0.74 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.1 | 0.27 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.53 | 0.18 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.53 | 0.12 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.1 | 0.29 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.53 | 0.17 | 1 |
| Bromoform | ND | | ug/kg | 4.2 | 0.26 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.53 | 0.18 | 1 |
| Benzene | 1.6 | | ug/kg | 0.53 | 0.18 | 1 |
| Toluene | ND | | ug/kg | 1.1 | 0.58 | 1 |
| Ethylbenzene | 0.81 | J | ug/kg | 1.1 | 0.15 | 1 |
| Chloromethane | ND | | ug/kg | 4.2 | 0.99 | 1 |
| Bromomethane | ND | | ug/kg | 2.1 | 0.62 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.1 | 0.36 | 1 |
| Chloroethane | ND | | ug/kg | 2.1 | 0.48 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.1 | 0.25 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.6 | 0.14 | 1 |
| Trichloroethene | ND | | ug/kg | 0.53 | 0.14 | 1 |
| 1,2-Dichlorobenzene | 1.1 | J | ug/kg | 2.1 | 0.15 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-04 Date Collected: 08/22/24 11:10

Client ID: BASE-03-07 Date Received: 08/22/24

Sample Location: 2266 MILITARY RD., TONAWANDA, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.1 | 0.16 | 1 |
| 1,4-Dichlorobenzene | 0.19 | J | ug/kg | 2.1 | 0.18 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.1 | 0.21 | 1 |
| p/m-Xylene | 17 | | ug/kg | 2.1 | 0.59 | 1 |
| o-Xylene | 0.71 | J | ug/kg | 1.1 | 0.31 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.1 | 0.18 | 1 |
| Styrene | ND | | ug/kg | 1.1 | 0.21 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 11 | 0.97 | 1 |
| Acetone | 55 | | ug/kg | 11 | 5.1 | 1 |
| Carbon disulfide | ND | | ug/kg | 11 | 4.8 | 1 |
| 2-Butanone | 6.1 | J | ug/kg | 11 | 2.4 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 11 | 1.4 | 1 |
| 2-Hexanone | ND | | ug/kg | 11 | 1.2 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.1 | 0.22 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.1 | 0.30 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.2 | 1.0 | 1 |
| Isopropylbenzene | 5.0 | | ug/kg | 1.1 | 0.12 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.1 | 0.34 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.1 | 0.29 | 1 |
| Methyl Acetate | ND | | ug/kg | 4.2 | 1.0 | 1 |
| Cyclohexane | ND | | ug/kg | 11 | 0.58 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 85 | 37. | 1 |
| Freon-113 | ND | | ug/kg | 4.2 | 0.74 | 1 |
| Methyl cyclohexane | ND | | ug/kg | 4.2 | 0.64 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 111 | | 70-130 |
| Toluene-d8 | 96 | | 70-130 |
| 4-Bromofluorobenzene | 92 | | 70-130 |
| Dibromofluoromethane | 106 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/23/24 08:54
Analyst: LAC

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04 Batch: WG1963171-5 | | | | | |
| Methylene chloride | ND | | ug/kg | 5.0 | 2.3 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.0 | 0.14 |
| Chloroform | ND | | ug/kg | 1.5 | 0.14 |
| Carbon tetrachloride | ND | | ug/kg | 1.0 | 0.23 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.0 | 0.12 |
| Dibromochloromethane | ND | | ug/kg | 1.0 | 0.14 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.0 | 0.27 |
| Tetrachloroethene | ND | | ug/kg | 0.50 | 0.20 |
| Chlorobenzene | ND | | ug/kg | 0.50 | 0.13 |
| Trichlorofluoromethane | ND | | ug/kg | 4.0 | 0.70 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.0 | 0.26 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.50 | 0.17 |
| Bromodichloromethane | ND | | ug/kg | 0.50 | 0.11 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.0 | 0.27 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.50 | 0.16 |
| Bromoform | ND | | ug/kg | 4.0 | 0.25 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.50 | 0.17 |
| Benzene | ND | | ug/kg | 0.50 | 0.17 |
| Toluene | ND | | ug/kg | 1.0 | 0.54 |
| Ethylbenzene | ND | | ug/kg | 1.0 | 0.14 |
| Chloromethane | ND | | ug/kg | 4.0 | 0.93 |
| Bromomethane | ND | | ug/kg | 2.0 | 0.58 |
| Vinyl chloride | ND | | ug/kg | 1.0 | 0.34 |
| Chloroethane | ND | | ug/kg | 2.0 | 0.45 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.0 | 0.24 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.5 | 0.14 |
| Trichloroethene | ND | | ug/kg | 0.50 | 0.14 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.14 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.15 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/23/24 08:54
Analyst: LAC

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04 Batch: WG1963171-5 | | | | | |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.17 |
| Methyl tert butyl ether | ND | | ug/kg | 2.0 | 0.20 |
| p/m-Xylene | ND | | ug/kg | 2.0 | 0.56 |
| o-Xylene | ND | | ug/kg | 1.0 | 0.29 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.0 | 0.18 |
| Styrene | ND | | ug/kg | 1.0 | 0.20 |
| Dichlorodifluoromethane | ND | | ug/kg | 10 | 0.92 |
| Acetone | ND | | ug/kg | 10 | 4.8 |
| Carbon disulfide | ND | | ug/kg | 10 | 4.6 |
| 2-Butanone | ND | | ug/kg | 10 | 2.2 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 10 | 1.3 |
| 2-Hexanone | ND | | ug/kg | 10 | 1.2 |
| Bromochloromethane | ND | | ug/kg | 2.0 | 0.20 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.0 | 0.28 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.0 | 1.0 |
| Isopropylbenzene | ND | | ug/kg | 1.0 | 0.11 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.32 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.27 |
| Methyl Acetate | ND | | ug/kg | 4.0 | 0.95 |
| Cyclohexane | ND | | ug/kg | 10 | 0.54 |
| 1,4-Dioxane | ND | | ug/kg | 80 | 35. |
| Freon-113 | ND | | ug/kg | 4.0 | 0.69 |
| Methyl cyclohexane | ND | | ug/kg | 4.0 | 0.60 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/23/24 08:54
Analyst: LAC

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04 Batch: WG1963171-5 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 104 | | 70-130 |
| Toluene-d8 | 92 | | 70-130 |
| 4-Bromofluorobenzene | 92 | | 70-130 |
| Dibromofluoromethane | 101 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/23/24 08:54
Analyst: LAC

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02-03 Batch: WG1963173-5 | | | | | |
| Methylene chloride | ND | | ug/kg | 250 | 110 |
| 1,1-Dichloroethane | ND | | ug/kg | 50 | 7.2 |
| Chloroform | ND | | ug/kg | 75 | 7.0 |
| Carbon tetrachloride | ND | | ug/kg | 50 | 12. |
| 1,2-Dichloropropane | ND | | ug/kg | 50 | 6.2 |
| Dibromochloromethane | ND | | ug/kg | 50 | 7.0 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 50 | 13. |
| Tetrachloroethene | ND | | ug/kg | 25 | 9.8 |
| Chlorobenzene | ND | | ug/kg | 25 | 6.4 |
| Trichlorofluoromethane | ND | | ug/kg | 200 | 35. |
| 1,2-Dichloroethane | ND | | ug/kg | 50 | 13. |
| 1,1,1-Trichloroethane | ND | | ug/kg | 25 | 8.4 |
| Bromodichloromethane | ND | | ug/kg | 25 | 5.4 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 50 | 14. |
| cis-1,3-Dichloropropene | ND | | ug/kg | 25 | 7.9 |
| Bromoform | ND | | ug/kg | 200 | 12. |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 25 | 8.3 |
| Benzene | ND | | ug/kg | 25 | 8.3 |
| Toluene | ND | | ug/kg | 50 | 27. |
| Ethylbenzene | ND | | ug/kg | 50 | 7.0 |
| Chloromethane | ND | | ug/kg | 200 | 47. |
| Bromomethane | ND | | ug/kg | 100 | 29. |
| Vinyl chloride | ND | | ug/kg | 50 | 17. |
| Chloroethane | ND | | ug/kg | 100 | 23. |
| 1,1-Dichloroethene | ND | | ug/kg | 50 | 12. |
| trans-1,2-Dichloroethene | ND | | ug/kg | 75 | 6.8 |
| Trichloroethene | ND | | ug/kg | 25 | 6.8 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 100 | 7.2 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 100 | 7.4 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/23/24 08:54
Analyst: LAC

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02-03 Batch: WG1963173-5 | | | | | |
| 1,4-Dichlorobenzene | ND | | ug/kg | 100 | 8.6 |
| Methyl tert butyl ether | ND | | ug/kg | 100 | 10. |
| p/m-Xylene | ND | | ug/kg | 100 | 28. |
| o-Xylene | ND | | ug/kg | 50 | 14. |
| cis-1,2-Dichloroethene | ND | | ug/kg | 50 | 8.8 |
| Styrene | ND | | ug/kg | 50 | 9.8 |
| Dichlorodifluoromethane | ND | | ug/kg | 500 | 46. |
| Acetone | ND | | ug/kg | 500 | 240 |
| Carbon disulfide | ND | | ug/kg | 500 | 230 |
| 2-Butanone | ND | | ug/kg | 500 | 110 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 500 | 64. |
| 2-Hexanone | ND | | ug/kg | 500 | 59. |
| Bromochloromethane | ND | | ug/kg | 100 | 10. |
| 1,2-Dibromoethane | ND | | ug/kg | 50 | 14. |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 150 | 50. |
| Isopropylbenzene | ND | | ug/kg | 50 | 5.4 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 100 | 16. |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 100 | 14. |
| Methyl Acetate | ND | | ug/kg | 200 | 48. |
| Cyclohexane | ND | | ug/kg | 500 | 27. |
| 1,4-Dioxane | ND | | ug/kg | 4000 | 1800 |
| Freon-113 | ND | | ug/kg | 200 | 35. |
| Methyl cyclohexane | ND | | ug/kg | 200 | 30. |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/23/24 08:54
Analyst: LAC

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02-03 Batch: WG1963173-5 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 104 | | 70-130 |
| Toluene-d8 | 92 | | 70-130 |
| 4-Bromofluorobenzene | 92 | | 70-130 |
| Dibromofluoromethane | 100 | | 70-130 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2448023

**Report Date:** 08/23/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04 Batch: WG1963171-3 WG1963171-4 | | | | | | | | |
| Methylene chloride | 104 | | 95 | | 70-130 | 9 | | 30 |
| 1,1-Dichloroethane | 100 | | 90 | | 70-130 | 11 | | 30 |
| Chloroform | 102 | | 92 | | 70-130 | 10 | | 30 |
| Carbon tetrachloride | 109 | | 97 | | 70-130 | 12 | | 30 |
| 1,2-Dichloropropane | 92 | | 87 | | 70-130 | 6 | | 30 |
| Dibromochloromethane | 92 | | 93 | | 70-130 | 1 | | 30 |
| 1,1,2-Trichloroethane | 91 | | 91 | | 70-130 | 0 | | 30 |
| Tetrachloroethene | 110 | | 107 | | 70-130 | 3 | | 30 |
| Chlorobenzene | 100 | | 96 | | 70-130 | 4 | | 30 |
| Trichlorofluoromethane | 121 | | 108 | | 70-139 | 11 | | 30 |
| 1,2-Dichloroethane | 97 | | 89 | | 70-130 | 9 | | 30 |
| 1,1,1-Trichloroethane | 112 | | 99 | | 70-130 | 12 | | 30 |
| Bromodichloromethane | 96 | | 91 | | 70-130 | 5 | | 30 |
| trans-1,3-Dichloropropene | 90 | | 93 | | 70-130 | 3 | | 30 |
| cis-1,3-Dichloropropene | 96 | | 90 | | 70-130 | 6 | | 30 |
| Bromoform | 97 | | 100 | | 70-130 | 3 | | 30 |
| 1,1,2,2-Tetrachloroethane | 90 | | 91 | | 70-130 | 1 | | 30 |
| Benzene | 101 | | 93 | | 70-130 | 8 | | 30 |
| Toluene | 104 | | 97 | | 70-130 | 7 | | 30 |
| Ethylbenzene | 99 | | 93 | | 70-130 | 6 | | 30 |
| Chloromethane | 83 | | 74 | | 52-130 | 11 | | 30 |
| Bromomethane | 137 | | 120 | | 57-147 | 13 | | 30 |
| Vinyl chloride | 100 | | 88 | | 67-130 | 13 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2448023

**Report Date:** 08/23/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04 Batch: WG1963171-3 WG1963171-4 | | | | | | | | |
| Chloroethane | 111 | | 97 | | 50-151 | 13 | | 30 |
| 1,1-Dichloroethene | 108 | | 96 | | 65-135 | 12 | | 30 |
| trans-1,2-Dichloroethene | 105 | | 93 | | 70-130 | 12 | | 30 |
| Trichloroethene | 104 | | 95 | | 70-130 | 9 | | 30 |
| 1,2-Dichlorobenzene | 98 | | 96 | | 70-130 | 2 | | 30 |
| 1,3-Dichlorobenzene | 103 | | 99 | | 70-130 | 4 | | 30 |
| 1,4-Dichlorobenzene | 100 | | 96 | | 70-130 | 4 | | 30 |
| Methyl tert butyl ether | 104 | | 100 | | 66-130 | 4 | | 30 |
| p/m-Xylene | 102 | | 97 | | 70-130 | 5 | | 30 |
| o-Xylene | 100 | | 95 | | 70-130 | 5 | | 30 |
| cis-1,2-Dichloroethene | 100 | | 92 | | 70-130 | 8 | | 30 |
| Styrene | 104 | | 100 | | 70-130 | 4 | | 30 |
| Dichlorodifluoromethane | 100 | | 87 | | 30-146 | 14 | | 30 |
| Acetone | 70 | | 84 | | 54-140 | 18 | | 30 |
| Carbon disulfide | 102 | | 91 | | 59-130 | 11 | | 30 |
| 2-Butanone | 79 | | 79 | | 70-130 | 0 | | 30 |
| 4-Methyl-2-pentanone | 82 | | 87 | | 70-130 | 6 | | 30 |
| 2-Hexanone | 79 | | 86 | | 70-130 | 8 | | 30 |
| Bromochloromethane | 104 | | 96 | | 70-130 | 8 | | 30 |
| 1,2-Dibromoethane | 96 | | 95 | | 70-130 | 1 | | 30 |
| 1,2-Dibromo-3-chloropropane | 84 | | 93 | | 68-130 | 10 | | 30 |
| Isopropylbenzene | 100 | | 93 | | 70-130 | 7 | | 30 |
| 1,2,3-Trichlorobenzene | 99 | | 100 | | 70-130 | 1 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2448023

**Report Date:** 08/23/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04 Batch: WG1963171-3 WG1963171-4 | | | | | | | | |
| 1,2,4-Trichlorobenzene | 104 | | 102 | | 70-130 | 2 | | 30 |
| Methyl Acetate | 84 | | 84 | | 51-146 | 0 | | 30 |
| Cyclohexane | 103 | | 92 | | 59-142 | 11 | | 30 |
| 1,4-Dioxane | 86 | | 84 | | 65-136 | 2 | | 30 |
| Freon-113 | 114 | | 102 | | 50-139 | 11 | | 30 |
| Methyl cyclohexane | 103 | | 94 | | 70-130 | 9 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 104 | | 100 | | 70-130 |
| Toluene-d8 | 101 | | 98 | | 70-130 |
| 4-Bromofluorobenzene | 91 | | 87 | | 70-130 |
| Dibromofluoromethane | 106 | | 102 | | 70-130 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2448023
**Report Date:** 08/23/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02-03 Batch: WG1963173-3 WG1963173-4 | | | | | | | | |
| Methylene chloride | 104 | | 95 | | 70-130 | 9 | | 30 |
| 1,1-Dichloroethane | 100 | | 90 | | 70-130 | 11 | | 30 |
| Chloroform | 102 | | 92 | | 70-130 | 10 | | 30 |
| Carbon tetrachloride | 109 | | 97 | | 70-130 | 12 | | 30 |
| 1,2-Dichloropropane | 92 | | 87 | | 70-130 | 6 | | 30 |
| Dibromochloromethane | 92 | | 93 | | 70-130 | 1 | | 30 |
| 1,1,2-Trichloroethane | 91 | | 91 | | 70-130 | 0 | | 30 |
| Tetrachloroethene | 110 | | 107 | | 70-130 | 3 | | 30 |
| Chlorobenzene | 100 | | 96 | | 70-130 | 4 | | 30 |
| Trichlorofluoromethane | 121 | | 108 | | 70-139 | 11 | | 30 |
| 1,2-Dichloroethane | 97 | | 89 | | 70-130 | 9 | | 30 |
| 1,1,1-Trichloroethane | 112 | | 99 | | 70-130 | 12 | | 30 |
| Bromodichloromethane | 96 | | 91 | | 70-130 | 5 | | 30 |
| trans-1,3-Dichloropropene | 90 | | 93 | | 70-130 | 3 | | 30 |
| cis-1,3-Dichloropropene | 96 | | 90 | | 70-130 | 6 | | 30 |
| Bromoform | 97 | | 100 | | 70-130 | 3 | | 30 |
| 1,1,2,2-Tetrachloroethane | 90 | | 91 | | 70-130 | 1 | | 30 |
| Benzene | 101 | | 93 | | 70-130 | 8 | | 30 |
| Toluene | 104 | | 97 | | 70-130 | 7 | | 30 |
| Ethylbenzene | 99 | | 93 | | 70-130 | 6 | | 30 |
| Chloromethane | 83 | | 74 | | 52-130 | 11 | | 30 |
| Bromomethane | 137 | | 120 | | 57-147 | 13 | | 30 |
| Vinyl chloride | 100 | | 88 | | 67-130 | 13 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2448023

**Report Date:** 08/23/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02-03 Batch: WG1963173-3 WG1963173-4 | | | | | | | | |
| Chloroethane | 111 | | 97 | | 50-151 | 13 | | 30 |
| 1,1-Dichloroethene | 108 | | 96 | | 65-135 | 12 | | 30 |
| trans-1,2-Dichloroethene | 105 | | 93 | | 70-130 | 12 | | 30 |
| Trichloroethene | 104 | | 95 | | 70-130 | 9 | | 30 |
| 1,2-Dichlorobenzene | 98 | | 96 | | 70-130 | 2 | | 30 |
| 1,3-Dichlorobenzene | 103 | | 99 | | 70-130 | 4 | | 30 |
| 1,4-Dichlorobenzene | 100 | | 96 | | 70-130 | 4 | | 30 |
| Methyl tert butyl ether | 104 | | 100 | | 66-130 | 4 | | 30 |
| p/m-Xylene | 102 | | 97 | | 70-130 | 5 | | 30 |
| o-Xylene | 100 | | 95 | | 70-130 | 5 | | 30 |
| cis-1,2-Dichloroethene | 100 | | 92 | | 70-130 | 8 | | 30 |
| Styrene | 104 | | 100 | | 70-130 | 4 | | 30 |
| Dichlorodifluoromethane | 100 | | 87 | | 30-146 | 14 | | 30 |
| Acetone | 70 | | 84 | | 54-140 | 18 | | 30 |
| Carbon disulfide | 102 | | 91 | | 59-130 | 11 | | 30 |
| 2-Butanone | 79 | | 79 | | 70-130 | 0 | | 30 |
| 4-Methyl-2-pentanone | 82 | | 87 | | 70-130 | 6 | | 30 |
| 2-Hexanone | 79 | | 86 | | 70-130 | 8 | | 30 |
| Bromochloromethane | 104 | | 96 | | 70-130 | 8 | | 30 |
| 1,2-Dibromoethane | 96 | | 95 | | 70-130 | 1 | | 30 |
| 1,2-Dibromo-3-chloropropane | 84 | | 93 | | 68-130 | 10 | | 30 |
| Isopropylbenzene | 100 | | 93 | | 70-130 | 7 | | 30 |
| 1,2,3-Trichlorobenzene | 99 | | 100 | | 70-130 | 1 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2448023
**Report Date:** 08/23/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02-03 Batch: WG1963173-3 WG1963173-4 | | | | | | | | |
| 1,2,4-Trichlorobenzene | 104 | | 102 | | 70-130 | 2 | | 30 |
| Methyl Acetate | 84 | | 84 | | 51-146 | 0 | | 30 |
| Cyclohexane | 103 | | 92 | | 59-142 | 11 | | 30 |
| 1,4-Dioxane | 86 | | 84 | | 65-136 | 2 | | 30 |
| Freon-113 | 114 | | 102 | | 50-139 | 11 | | 30 |
| Methyl cyclohexane | 103 | | 94 | | 70-130 | 9 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 104 | | 100 | | 70-130 |
| Toluene-d8 | 100 | | 98 | | 70-130 |
| 4-Bromofluorobenzene | 91 | | 87 | | 70-130 |
| Dibromofluoromethane | 106 | | 102 | | 70-130 |

# SEMIVOLATILES

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-01 D
Client ID: LAGOON-SW-NE-7
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/22/24 09:45
Date Received: 08/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/23/24 11:30
Analyst: JG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 08/23/24 03:06

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 1600 | 200 | 10 |
| Hexachlorobenzene | ND | | ug/kg | 1200 | 220 | 10 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 1700 | 260 | 10 |
| 2-Chloronaphthalene | ND | | ug/kg | 1900 | 190 | 10 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 1900 | 520 | 10 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 1900 | 390 | 10 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 1900 | 330 | 10 |
| Fluoranthene | ND | | ug/kg | 1200 | 220 | 10 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 1900 | 210 | 10 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 1900 | 300 | 10 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 2300 | 330 | 10 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 2100 | 190 | 10 |
| Hexachlorobutadiene | ND | | ug/kg | 1900 | 280 | 10 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 5500 | 1800 | 10 |
| Hexachloroethane | ND | | ug/kg | 1600 | 310 | 10 |
| Isophorone | ND | | ug/kg | 1700 | 250 | 10 |
| Naphthalene | ND | | ug/kg | 1900 | 240 | 10 |
| Nitrobenzene | ND | | ug/kg | 1700 | 290 | 10 |
| NDPA/DPA | ND | | ug/kg | 1600 | 220 | 10 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 1900 | 300 | 10 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 1900 | 670 | 10 |
| Butyl benzyl phthalate | ND | | ug/kg | 1900 | 490 | 10 |
| Di-n-butylphthalate | ND | | ug/kg | 1900 | 370 | 10 |
| Di-n-octylphthalate | ND | | ug/kg | 1900 | 660 | 10 |
| Diethyl phthalate | ND | | ug/kg | 1900 | 180 | 10 |
| Dimethyl phthalate | ND | | ug/kg | 1900 | 410 | 10 |
| Benzo(a)anthracene | ND | | ug/kg | 1200 | 220 | 10 |
| Benzo(a)pyrene | ND | | ug/kg | 1600 | 470 | 10 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-01 D
Client ID: LAGOON-SW-NE-7
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/22/24 09:45
Date Received: 08/22/24
Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | ND | | ug/kg | 1200 | 330 | 10 |
| Benzo(k)fluoranthene | ND | | ug/kg | 1200 | 310 | 10 |
| Chrysene | ND | | ug/kg | 1200 | 200 | 10 |
| Acenaphthylene | ND | | ug/kg | 1600 | 300 | 10 |
| Anthracene | ND | | ug/kg | 1200 | 380 | 10 |
| Benzo(ghi)perylene | ND | | ug/kg | 1600 | 230 | 10 |
| Fluorene | ND | | ug/kg | 1900 | 190 | 10 |
| Phenanthrene | ND | | ug/kg | 1200 | 240 | 10 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 1200 | 220 | 10 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 1600 | 270 | 10 |
| Pyrene | ND | | ug/kg | 1200 | 190 | 10 |
| Biphenyl | ND | | ug/kg | 4400 | 250 | 10 |
| 4-Chloroaniline | ND | | ug/kg | 1900 | 350 | 10 |
| 2-Nitroaniline | ND | | ug/kg | 1900 | 370 | 10 |
| 3-Nitroaniline | ND | | ug/kg | 1900 | 360 | 10 |
| 4-Nitroaniline | ND | | ug/kg | 1900 | 800 | 10 |
| Dibenzofuran | ND | | ug/kg | 1900 | 180 | 10 |
| 2-Methylnaphthalene | ND | | ug/kg | 2300 | 230 | 10 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 1900 | 200 | 10 |
| Acetophenone | ND | | ug/kg | 1900 | 240 | 10 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 1200 | 370 | 10 |
| p-Chloro-m-cresol | ND | | ug/kg | 1900 | 290 | 10 |
| 2-Chlorophenol | ND | | ug/kg | 1900 | 230 | 10 |
| 2,4-Dichlorophenol | ND | | ug/kg | 1700 | 310 | 10 |
| 2,4-Dimethylphenol | ND | | ug/kg | 1900 | 640 | 10 |
| 2-Nitrophenol | ND | | ug/kg | 4200 | 730 | 10 |
| 4-Nitrophenol | ND | | ug/kg | 2700 | 790 | 10 |
| 2,4-Dinitrophenol | ND | | ug/kg | 9300 | 900 | 10 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 5000 | 930 | 10 |
| Pentachlorophenol | ND | | ug/kg | 1600 | 430 | 10 |
| Phenol | ND | | ug/kg | 1900 | 290 | 10 |
| 2-Methylphenol | ND | | ug/kg | 1900 | 300 | 10 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 2800 | 300 | 10 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 1900 | 370 | 10 |
| Carbazole | ND | | ug/kg | 1900 | 190 | 10 |
| Atrazine | ND | | ug/kg | 1600 | 680 | 10 |
| Benzaldehyde | ND | | ug/kg | 2600 | 520 | 10 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-01 D
Client ID: LAGOON-SW-NE-7
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/22/24 09:45
Date Received: 08/22/24
Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 1900 | 590 | 10 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 1900 | 390 | 10 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 46 | | 25-120 |
| Phenol-d6 | 38 | | 10-120 |
| Nitrobenzene-d5 | 46 | | 23-120 |
| 2-Fluorobiphenyl | 49 | | 30-120 |
| 2,4,6-Tribromophenol | 40 | | 10-136 |
| 4-Terphenyl-d14 | 60 | | 18-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-02 D
Client ID: LAGOON-SW-N2-08
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/22/24 11:40
Date Received: 08/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/23/24 11:48
Analyst: JG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 08/23/24 03:06

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 1500 | 200 | 10 |
| Hexachlorobenzene | ND | | ug/kg | 1100 | 210 | 10 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 1700 | 260 | 10 |
| 2-Chloronaphthalene | ND | | ug/kg | 1900 | 190 | 10 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 1900 | 500 | 10 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 1900 | 380 | 10 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 1900 | 320 | 10 |
| Fluoranthene | 300 | J | ug/kg | 1100 | 220 | 10 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 1900 | 200 | 10 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 1900 | 290 | 10 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 2300 | 320 | 10 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 2000 | 190 | 10 |
| Hexachlorobutadiene | ND | | ug/kg | 1900 | 280 | 10 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 5400 | 1700 | 10 |
| Hexachloroethane | ND | | ug/kg | 1500 | 310 | 10 |
| Isophorone | ND | | ug/kg | 1700 | 240 | 10 |
| Naphthalene | 730 | J | ug/kg | 1900 | 230 | 10 |
| Nitrobenzene | ND | | ug/kg | 1700 | 280 | 10 |
| NDPA/DPA | ND | | ug/kg | 1500 | 220 | 10 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 1900 | 290 | 10 |
| Bis(2-ethylhexyl)phthalate | 8800 | | ug/kg | 1900 | 660 | 10 |
| Butyl benzyl phthalate | ND | | ug/kg | 1900 | 480 | 10 |
| Di-n-butylphthalate | ND | | ug/kg | 1900 | 360 | 10 |
| Di-n-octylphthalate | ND | | ug/kg | 1900 | 640 | 10 |
| Diethyl phthalate | ND | | ug/kg | 1900 | 180 | 10 |
| Dimethyl phthalate | ND | | ug/kg | 1900 | 400 | 10 |
| Benzo(a)anthracene | ND | | ug/kg | 1100 | 210 | 10 |
| Benzo(a)pyrene | ND | | ug/kg | 1500 | 460 | 10 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-02 D
Client ID: LAGOON-SW-N2-08
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/22/24 11:40
Date Received: 08/22/24
Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | ND | | ug/kg | 1100 | 320 | 10 |
| Benzo(k)fluoranthene | ND | | ug/kg | 1100 | 300 | 10 |
| Chrysene | ND | | ug/kg | 1100 | 200 | 10 |
| Acenaphthylene | ND | | ug/kg | 1500 | 290 | 10 |
| Anthracene | ND | | ug/kg | 1100 | 370 | 10 |
| Benzo(ghi)perylene | ND | | ug/kg | 1500 | 220 | 10 |
| Fluorene | ND | | ug/kg | 1900 | 180 | 10 |
| Phenanthrene | ND | | ug/kg | 1100 | 230 | 10 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 1100 | 220 | 10 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 1500 | 260 | 10 |
| Pyrene | 250 | J | ug/kg | 1100 | 190 | 10 |
| Biphenyl | ND | | ug/kg | 4300 | 250 | 10 |
| 4-Chloroaniline | ND | | ug/kg | 1900 | 340 | 10 |
| 2-Nitroaniline | ND | | ug/kg | 1900 | 360 | 10 |
| 3-Nitroaniline | ND | | ug/kg | 1900 | 360 | 10 |
| 4-Nitroaniline | ND | | ug/kg | 1900 | 780 | 10 |
| Dibenzofuran | ND | | ug/kg | 1900 | 180 | 10 |
| 2-Methylnaphthalene | ND | | ug/kg | 2300 | 230 | 10 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 1900 | 200 | 10 |
| Acetophenone | ND | | ug/kg | 1900 | 230 | 10 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 1100 | 360 | 10 |
| p-Chloro-m-cresol | ND | | ug/kg | 1900 | 280 | 10 |
| 2-Chlorophenol | ND | | ug/kg | 1900 | 220 | 10 |
| 2,4-Dichlorophenol | ND | | ug/kg | 1700 | 300 | 10 |
| 2,4-Dimethylphenol | ND | | ug/kg | 1900 | 620 | 10 |
| 2-Nitrophenol | ND | | ug/kg | 4100 | 710 | 10 |
| 4-Nitrophenol | ND | | ug/kg | 2600 | 770 | 10 |
| 2,4-Dinitrophenol | ND | | ug/kg | 9100 | 880 | 10 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 4900 | 910 | 10 |
| Pentachlorophenol | ND | | ug/kg | 1500 | 420 | 10 |
| Phenol | ND | | ug/kg | 1900 | 290 | 10 |
| 2-Methylphenol | ND | | ug/kg | 1900 | 290 | 10 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 2700 | 300 | 10 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 1900 | 360 | 10 |
| Carbazole | ND | | ug/kg | 1900 | 180 | 10 |
| Atrazine | ND | | ug/kg | 1500 | 660 | 10 |
| Benzaldehyde | ND | | ug/kg | 2500 | 510 | 10 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-02 D
Client ID: LAGOON-SW-N2-08
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/22/24 11:40
Date Received: 08/22/24
Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 1900 | 580 | 10 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 1900 | 380 | 10 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 53 | | 25-120 |
| Phenol-d6 | 45 | | 10-120 |
| Nitrobenzene-d5 | 83 | | 23-120 |
| 2-Fluorobiphenyl | 62 | | 30-120 |
| 2,4,6-Tribromophenol | 47 | | 10-136 |
| 4-Terphenyl-d14 | 59 | | 18-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-03 D
Client ID: LAGOON-SW-S2-6.5
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/22/24 11:30
Date Received: 08/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/23/24 12:06
Analyst: JG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 08/23/24 03:06

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 1600 | 210 | 10 |
| Hexachlorobenzene | ND | | ug/kg | 1200 | 220 | 10 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 1800 | 270 | 10 |
| 2-Chloronaphthalene | ND | | ug/kg | 2000 | 200 | 10 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 2000 | 530 | 10 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 2000 | 400 | 10 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 2000 | 340 | 10 |
| Fluoranthene | ND | | ug/kg | 1200 | 230 | 10 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 2000 | 210 | 10 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 2000 | 300 | 10 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 2400 | 340 | 10 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 2200 | 200 | 10 |
| Hexachlorobutadiene | ND | | ug/kg | 2000 | 290 | 10 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 5700 | 1800 | 10 |
| Hexachloroethane | ND | | ug/kg | 1600 | 320 | 10 |
| Isophorone | ND | | ug/kg | 1800 | 260 | 10 |
| Naphthalene | 300 | J | ug/kg | 2000 | 240 | 10 |
| Nitrobenzene | ND | | ug/kg | 1800 | 300 | 10 |
| NDPA/DPA | ND | | ug/kg | 1600 | 230 | 10 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 2000 | 310 | 10 |
| Bis(2-ethylhexyl)phthalate | 770 | J | ug/kg | 2000 | 690 | 10 |
| Butyl benzyl phthalate | ND | | ug/kg | 2000 | 500 | 10 |
| Di-n-butylphthalate | ND | | ug/kg | 2000 | 380 | 10 |
| Di-n-octylphthalate | ND | | ug/kg | 2000 | 680 | 10 |
| Diethyl phthalate | ND | | ug/kg | 2000 | 180 | 10 |
| Dimethyl phthalate | ND | | ug/kg | 2000 | 420 | 10 |
| Benzo(a)anthracene | ND | | ug/kg | 1200 | 220 | 10 |
| Benzo(a)pyrene | ND | | ug/kg | 1600 | 490 | 10 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-03 D
Client ID: LAGOON-SW-S2-6.5
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/22/24 11:30
Date Received: 08/22/24
Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | ND | | ug/kg | 1200 | 340 | 10 |
| Benzo(k)fluoranthene | ND | | ug/kg | 1200 | 320 | 10 |
| Chrysene | ND | | ug/kg | 1200 | 210 | 10 |
| Acenaphthylene | ND | | ug/kg | 1600 | 310 | 10 |
| Anthracene | ND | | ug/kg | 1200 | 390 | 10 |
| Benzo(ghi)perylene | ND | | ug/kg | 1600 | 240 | 10 |
| Fluorene | ND | | ug/kg | 2000 | 190 | 10 |
| Phenanthrene | ND | | ug/kg | 1200 | 240 | 10 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 1200 | 230 | 10 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 1600 | 280 | 10 |
| Pyrene | ND | | ug/kg | 1200 | 200 | 10 |
| Biphenyl | ND | | ug/kg | 4600 | 260 | 10 |
| 4-Chloroaniline | ND | | ug/kg | 2000 | 360 | 10 |
| 2-Nitroaniline | ND | | ug/kg | 2000 | 380 | 10 |
| 3-Nitroaniline | ND | | ug/kg | 2000 | 380 | 10 |
| 4-Nitroaniline | ND | | ug/kg | 2000 | 830 | 10 |
| Dibenzofuran | ND | | ug/kg | 2000 | 190 | 10 |
| 2-Methylnaphthalene | ND | | ug/kg | 2400 | 240 | 10 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 2000 | 210 | 10 |
| Acetophenone | ND | | ug/kg | 2000 | 250 | 10 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 1200 | 380 | 10 |
| p-Chloro-m-cresol | ND | | ug/kg | 2000 | 300 | 10 |
| 2-Chlorophenol | ND | | ug/kg | 2000 | 240 | 10 |
| 2,4-Dichlorophenol | ND | | ug/kg | 1800 | 320 | 10 |
| 2,4-Dimethylphenol | ND | | ug/kg | 2000 | 660 | 10 |
| 2-Nitrophenol | ND | | ug/kg | 4300 | 750 | 10 |
| 4-Nitrophenol | ND | | ug/kg | 2800 | 820 | 10 |
| 2,4-Dinitrophenol | ND | | ug/kg | 9600 | 930 | 10 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 5200 | 960 | 10 |
| Pentachlorophenol | ND | | ug/kg | 1600 | 440 | 10 |
| Phenol | ND | | ug/kg | 2000 | 300 | 10 |
| 2-Methylphenol | ND | | ug/kg | 2000 | 310 | 10 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 2900 | 310 | 10 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 2000 | 380 | 10 |
| Carbazole | ND | | ug/kg | 2000 | 190 | 10 |
| Atrazine | ND | | ug/kg | 1600 | 700 | 10 |
| Benzaldehyde | ND | | ug/kg | 2600 | 540 | 10 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-03 D
Client ID: LAGOON-SW-S2-6.5
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/22/24 11:30
Date Received: 08/22/24
Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 2000 | 610 | 10 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 2000 | 400 | 10 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 60 | | 25-120 |
| Phenol-d6 | 55 | | 10-120 |
| Nitrobenzene-d5 | 49 | | 23-120 |
| 2-Fluorobiphenyl | 62 | | 30-120 |
| 2,4,6-Tribromophenol | 60 | | 10-136 |
| 4-Terphenyl-d14 | 65 | | 18-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-04
Client ID: BASE-03-07
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/22/24 11:10
Date Received: 08/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/23/24 12:23
Analyst: JG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 08/23/24 03:06

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 150 | 20. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 110 | 21. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 170 | 26. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 190 | 19. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 190 | 50. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 190 | 38. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 190 | 32. | 1 |
| Fluoranthene | ND | | ug/kg | 110 | 22. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 190 | 20. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 190 | 29. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 230 | 32. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 200 | 19. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 190 | 28. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 540 | 170 | 1 |
| Hexachloroethane | ND | | ug/kg | 150 | 30. | 1 |
| Isophorone | ND | | ug/kg | 170 | 24. | 1 |
| Naphthalene | ND | | ug/kg | 190 | 23. | 1 |
| Nitrobenzene | ND | | ug/kg | 170 | 28. | 1 |
| NDPA/DPA | ND | | ug/kg | 150 | 21. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 190 | 29. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 190 | 65. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 190 | 48. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 190 | 36. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 190 | 64. | 1 |
| Diethyl phthalate | ND | | ug/kg | 190 | 17. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 190 | 40. | 1 |
| Benzo(a)anthracene | ND | | ug/kg | 110 | 21. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 150 | 46. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-04 Date Collected: 08/22/24 11:10

Client ID: BASE-03-07 Date Received: 08/22/24

Sample Location: 2266 MILITARY RD., TONAWANDA, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | ND | | ug/kg | 110 | 32. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 110 | 30. | 1 |
| Chrysene | ND | | ug/kg | 110 | 20. | 1 |
| Acenaphthylene | ND | | ug/kg | 150 | 29. | 1 |
| Anthracene | ND | | ug/kg | 110 | 37. | 1 |
| Benzo(ghi)perylene | ND | | ug/kg | 150 | 22. | 1 |
| Fluorene | ND | | ug/kg | 190 | 18. | 1 |
| Phenanthrene | ND | | ug/kg | 110 | 23. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 110 | 22. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 150 | 26. | 1 |
| Pyrene | ND | | ug/kg | 110 | 19. | 1 |
| Biphenyl | ND | | ug/kg | 430 | 24. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 190 | 34. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 190 | 36. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 190 | 36. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 190 | 78. | 1 |
| Dibenzofuran | ND | | ug/kg | 190 | 18. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 230 | 23. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 190 | 20. | 1 |
| Acetophenone | ND | | ug/kg | 190 | 23. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 110 | 36. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 190 | 28. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 190 | 22. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 170 | 30. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 190 | 62. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 410 | 71. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 260 | 77. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 910 | 88. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 490 | 91. | 1 |
| Pentachlorophenol | ND | | ug/kg | 150 | 42. | 1 |
| Phenol | ND | | ug/kg | 190 | 28. | 1 |
| 2-Methylphenol | ND | | ug/kg | 190 | 29. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 270 | 30. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 190 | 36. | 1 |
| Carbazole | ND | | ug/kg | 190 | 18. | 1 |
| Atrazine | ND | | ug/kg | 150 | 66. | 1 |
| Benzaldehyde | ND | | ug/kg | 250 | 51. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-04 Date Collected: 08/22/24 11:10

Client ID: BASE-03-07 Date Received: 08/22/24

Sample Location: 2266 MILITARY RD., TONAWANDA, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 190 | 57. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 190 | 38. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 72 | | 25-120 |
| Phenol-d6 | 70 | | 10-120 |
| Nitrobenzene-d5 | 58 | | 23-120 |
| 2-Fluorobiphenyl | 78 | | 30-120 |
| 2,4,6-Tribromophenol | 80 | | 10-136 |
| 4-Terphenyl-d14 | 84 | | 18-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/22/24 23:32
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 08/22/24 13:03

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1962663-1 | | | | | |
| Acenaphthene | ND | | ug/kg | 130 | 17. |
| Hexachlorobenzene | ND | | ug/kg | 99 | 18. |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 150 | 22. |
| 2-Chloronaphthalene | ND | | ug/kg | 160 | 16. |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 160 | 44. |
| 2,4-Dinitrotoluene | ND | | ug/kg | 160 | 33. |
| 2,6-Dinitrotoluene | ND | | ug/kg | 160 | 28. |
| Fluoranthene | ND | | ug/kg | 99 | 19. |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 160 | 18. |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 160 | 25. |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 200 | 28. |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 180 | 16. |
| Hexachlorobutadiene | ND | | ug/kg | 160 | 24. |
| Hexachlorocyclopentadiene | ND | | ug/kg | 470 | 150 |
| Hexachloroethane | ND | | ug/kg | 130 | 27. |
| Isophorone | ND | | ug/kg | 150 | 21. |
| Naphthalene | ND | | ug/kg | 160 | 20. |
| Nitrobenzene | ND | | ug/kg | 150 | 24. |
| NDPA/DPA | ND | | ug/kg | 130 | 19. |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 160 | 25. |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 160 | 57. |
| Butyl benzyl phthalate | ND | | ug/kg | 160 | 42. |
| Di-n-butylphthalate | ND | | ug/kg | 160 | 31. |
| Di-n-octylphthalate | ND | | ug/kg | 160 | 56. |
| Diethyl phthalate | ND | | ug/kg | 160 | 15. |
| Dimethyl phthalate | ND | | ug/kg | 160 | 35. |
| Benzo(a)anthracene | ND | | ug/kg | 99 | 18. |
| Benzo(a)pyrene | ND | | ug/kg | 130 | 40. |
| Benzo(b)fluoranthene | ND | | ug/kg | 99 | 28. |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/22/24 23:32
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 08/22/24 13:03

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1962663-1 | | | | | |
| Benzo(k)fluoranthene | ND | | ug/kg | 99 | 26. |
| Chrysene | ND | | ug/kg | 99 | 17. |
| Acenaphthylene | ND | | ug/kg | 130 | 25. |
| Anthracene | ND | | ug/kg | 99 | 32. |
| Benzo(ghi)perylene | ND | | ug/kg | 130 | 19. |
| Fluorene | ND | | ug/kg | 160 | 16. |
| Phenanthrene | ND | | ug/kg | 99 | 20. |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 99 | 19. |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 130 | 23. |
| Pyrene | ND | | ug/kg | 99 | 16. |
| Biphenyl | ND | | ug/kg | 380 | 21. |
| 4-Chloroaniline | ND | | ug/kg | 160 | 30. |
| 2-Nitroaniline | ND | | ug/kg | 160 | 32. |
| 3-Nitroaniline | ND | | ug/kg | 160 | 31. |
| 4-Nitroaniline | ND | | ug/kg | 160 | 68. |
| Dibenzofuran | ND | | ug/kg | 160 | 16. |
| 2-Methylnaphthalene | ND | | ug/kg | 200 | 20. |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 160 | 17. |
| Acetophenone | ND | | ug/kg | 160 | 20. |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 99 | 31. |
| p-Chloro-m-cresol | ND | | ug/kg | 160 | 25. |
| 2-Chlorophenol | ND | | ug/kg | 160 | 20. |
| 2,4-Dichlorophenol | ND | | ug/kg | 150 | 26. |
| 2,4-Dimethylphenol | ND | | ug/kg | 160 | 54. |
| 2-Nitrophenol | ND | | ug/kg | 360 | 62. |
| 4-Nitrophenol | ND | | ug/kg | 230 | 67. |
| 2,4-Dinitrophenol | ND | | ug/kg | 790 | 77. |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 430 | 79. |
| Pentachlorophenol | ND | | ug/kg | 130 | 36. |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/22/24 23:32
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 08/22/24 13:03

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1962663-1 | | | | | |
| Phenol | ND | | ug/kg | 160 | 25. |
| 2-Methylphenol | ND | | ug/kg | 160 | 26. |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 240 | 26. |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 160 | 32. |
| Carbazole | ND | | ug/kg | 160 | 16. |
| Atrazine | ND | | ug/kg | 130 | 58. |
| Benzaldehyde | ND | | ug/kg | 220 | 44. |
| Caprolactam | ND | | ug/kg | 160 | 50. |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 160 | 33. |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 68 | | 25-120 |
| Phenol-d6 | 67 | | 10-120 |
| Nitrobenzene-d5 | 61 | | 23-120 |
| 2-Fluorobiphenyl | 63 | | 30-120 |
| 2,4,6-Tribromophenol | 65 | | 10-136 |
| 4-Terphenyl-d14 | 65 | | 18-120 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2448023

**Report Date:** 08/23/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1962663-2 WG1962663-3 | | | | | | | | |
| Acenaphthene | 70 | | 64 | | 31-137 | 9 | | 50 |
| Hexachlorobenzene | 71 | | 65 | | 40-140 | 9 | | 50 |
| Bis(2-chloroethyl)ether | 73 | | 68 | | 40-140 | 7 | | 50 |
| 2-Chloronaphthalene | 73 | | 66 | | 40-140 | 10 | | 50 |
| 3,3'-Dichlorobenzidine | 62 | | 55 | | 40-140 | 12 | | 50 |
| 2,4-Dinitrotoluene | 84 | | 78 | | 40-132 | 7 | | 50 |
| 2,6-Dinitrotoluene | 84 | | 77 | | 40-140 | 9 | | 50 |
| Fluoranthene | 73 | | 66 | | 40-140 | 10 | | 50 |
| 4-Chlorophenyl phenyl ether | 70 | | 63 | | 40-140 | 11 | | 50 |
| 4-Bromophenyl phenyl ether | 72 | | 64 | | 40-140 | 12 | | 50 |
| Bis(2-chloroisopropyl)ether | 70 | | 65 | | 40-140 | 7 | | 50 |
| Bis(2-chloroethoxy)methane | 78 | | 72 | | 40-117 | 8 | | 50 |
| Hexachlorobutadiene | 72 | | 63 | | 40-140 | 13 | | 50 |
| Hexachlorocyclopentadiene | 45 | | 40 | | 40-140 | 12 | | 50 |
| Hexachloroethane | 75 | | 69 | | 40-140 | 8 | | 50 |
| Isophorone | 75 | | 69 | | 40-140 | 8 | | 50 |
| Naphthalene | 72 | | 63 | | 40-140 | 13 | | 50 |
| Nitrobenzene | 75 | | 69 | | 40-140 | 8 | | 50 |
| NDPA/DPA | 72 | | 64 | | 36-157 | 12 | | 50 |
| n-Nitrosodi-n-propylamine | 72 | | 69 | | 32-121 | 4 | | 50 |
| Bis(2-ethylhexyl)phthalate | 75 | | 68 | | 40-140 | 10 | | 50 |
| Butyl benzyl phthalate | 79 | | 71 | | 40-140 | 11 | | 50 |
| Di-n-butylphthalate | 78 | | 70 | | 40-140 | 11 | | 50 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2448023

**Report Date:** 08/23/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1962663-2 WG1962663-3 | | | | | | | | |
| Di-n-octylphthalate | 74 | | 67 | | 40-140 | 10 | | 50 |
| Diethyl phthalate | 73 | | 65 | | 40-140 | 12 | | 50 |
| Dimethyl phthalate | 76 | | 69 | | 40-140 | 10 | | 50 |
| Benzo(a)anthracene | 68 | | 61 | | 40-140 | 11 | | 50 |
| Benzo(a)pyrene | 68 | | 63 | | 40-140 | 8 | | 50 |
| Benzo(b)fluoranthene | 67 | | 60 | | 40-140 | 11 | | 50 |
| Benzo(k)fluoranthene | 68 | | 62 | | 40-140 | 9 | | 50 |
| Chrysene | 65 | | 59 | | 40-140 | 10 | | 50 |
| Acenaphthylene | 73 | | 65 | | 40-140 | 12 | | 50 |
| Anthracene | 74 | | 67 | | 40-140 | 10 | | 50 |
| Benzo(ghi)perylene | 73 | | 65 | | 40-140 | 12 | | 50 |
| Fluorene | 70 | | 64 | | 40-140 | 9 | | 50 |
| Phenanthrene | 75 | | 66 | | 40-140 | 13 | | 50 |
| Dibenzo(a,h)anthracene | 73 | | 66 | | 40-140 | 10 | | 50 |
| Indeno(1,2,3-cd)pyrene | 71 | | 64 | | 40-140 | 10 | | 50 |
| Pyrene | 74 | | 66 | | 35-142 | 11 | | 50 |
| Biphenyl | 74 | | 67 | | 37-127 | 10 | | 50 |
| 4-Chloroaniline | 56 | | 51 | | 40-140 | 9 | | 50 |
| 2-Nitroaniline | 87 | | 79 | | 47-134 | 10 | | 50 |
| 3-Nitroaniline | 70 | | 62 | | 26-129 | 12 | | 50 |
| 4-Nitroaniline | 73 | | 66 | | 41-125 | 10 | | 50 |
| Dibenzofuran | 71 | | 63 | | 40-140 | 12 | | 50 |
| 2-Methylnaphthalene | 74 | | 67 | | 40-140 | 10 | | 50 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2448023
**Report Date:** 08/23/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1962663-2 WG1962663-3 | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | 73 | | 65 | | 40-117 | 12 | | 50 |
| Acetophenone | 76 | | 69 | | 14-144 | 10 | | 50 |
| 2,4,6-Trichlorophenol | 75 | | 69 | | 30-130 | 8 | | 50 |
| p-Chloro-m-cresol | 77 | | 71 | | 26-103 | 8 | | 50 |
| 2-Chlorophenol | 77 | | 71 | | 25-102 | 8 | | 50 |
| 2,4-Dichlorophenol | 80 | | 73 | | 30-130 | 9 | | 50 |
| 2,4-Dimethylphenol | 58 | | 55 | | 30-130 | 5 | | 50 |
| 2-Nitrophenol | 85 | | 78 | | 30-130 | 9 | | 50 |
| 4-Nitrophenol | 83 | | 75 | | 11-114 | 10 | | 50 |
| 2,4-Dinitrophenol | 78 | | 71 | | 4-130 | 9 | | 50 |
| 4,6-Dinitro-o-cresol | 88 | | 79 | | 10-130 | 11 | | 50 |
| Pentachlorophenol | 69 | | 64 | | 17-109 | 8 | | 50 |
| Phenol | 77 | | 70 | | 26-90 | 10 | | 50 |
| 2-Methylphenol | 77 | | 71 | | 30-130. | 8 | | 50 |
| 3-Methylphenol/4-Methylphenol | 84 | | 78 | | 30-130 | 7 | | 50 |
| 2,4,5-Trichlorophenol | 79 | | 71 | | 30-130 | 11 | | 50 |
| Carbazole | 74 | | 66 | | 54-128 | 11 | | 50 |
| Atrazine | 70 | | 64 | | 40-140 | 9 | | 50 |
| Benzaldehyde | 69 | | 61 | | 40-140 | 12 | | 50 |
| Caprolactam | 81 | | 74 | | 15-130 | 9 | | 50 |
| 2,3,4,6-Tetrachlorophenol | 75 | | 67 | | 40-140 | 11 | | 50 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2448023
**Report Date:** 08/23/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1962663-2 WG1962663-3 | | | | | | | | |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 2-Fluorophenol | 75 | | 68 | | 25-120 |
| Phenol-d6 | 74 | | 68 | | 10-120 |
| Nitrobenzene-d5 | 71 | | 65 | | 23-120 |
| 2-Fluorobiphenyl | 69 | | 61 | | 30-120 |
| 2,4,6-Tribromophenol | 72 | | 66 | | 10-136 |
| 4-Terphenyl-d14 | 67 | | 60 | | 18-120 |

# PCBS

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-01 D
Client ID: LAGOON-SW-NE-7
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/22/24 09:45
Date Received: 08/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/23/24 14:52
Analyst: MEO
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 08/23/24 03:04
Cleanup Method: EPA 3665A
Cleanup Date: 08/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/23/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 276 | 24.6 | 5 | A |
| Aroclor 1221 | ND | | ug/kg | 276 | 27.7 | 5 | A |
| Aroclor 1232 | ND | | ug/kg | 276 | 58.6 | 5 | A |
| Aroclor 1242 | ND | | ug/kg | 276 | 37.3 | 5 | A |
| Aroclor 1248 | 2240 | | ug/kg | 276 | 41.5 | 5 | B |
| Aroclor 1254 | ND | | ug/kg | 276 | 30.2 | 5 | A |
| Aroclor 1260 | ND | | ug/kg | 276 | 51.1 | 5 | A |
| Aroclor 1262 | ND | | ug/kg | 276 | 35.1 | 5 | A |
| Aroclor 1268 | ND | | ug/kg | 276 | 28.6 | 5 | A |
| PCBs, Total | 2240 | | ug/kg | 276 | 24.6 | 5 | B |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 83 | | 30-150 | A |
| Decachlorobiphenyl | 115 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 80 | | 30-150 | B |
| Decachlorobiphenyl | 100 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-02
Client ID: LAGOON-SW-N2-08
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/22/24 11:40
Date Received: 08/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/23/24 10:59
Analyst: RMP
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 08/23/24 03:04
Cleanup Method: EPA 3665A
Cleanup Date: 08/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/23/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 53.7 | 4.77 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 53.7 | 5.38 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 53.7 | 11.4 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 53.7 | 7.24 | 1 | A |
| Aroclor 1248 | 144 | | ug/kg | 53.7 | 8.05 | 1 | B |
| Aroclor 1254 | ND | | ug/kg | 53.7 | 5.87 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 53.7 | 9.92 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 53.7 | 6.82 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 53.7 | 5.56 | 1 | A |
| PCBs, Total | 144 | | ug/kg | 53.7 | 4.77 | 1 | B |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 75 | | 30-150 | A |
| Decachlorobiphenyl | 85 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 85 | | 30-150 | B |
| Decachlorobiphenyl | 92 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-03
Client ID: LAGOON-SW-S2-6.5
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/22/24 11:30
Date Received: 08/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/23/24 11:07
Analyst: RMP
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 08/23/24 03:04
Cleanup Method: EPA 3665A
Cleanup Date: 08/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/23/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 59.0 | 5.24 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 59.0 | 5.91 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 59.0 | 12.5 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 59.0 | 7.95 | 1 | A |
| Aroclor 1248 | 428 | | ug/kg | 59.0 | 8.84 | 1 | B |
| Aroclor 1254 | 225 | | ug/kg | 59.0 | 6.45 | 1 | A |
| Aroclor 1260 | 83.2 | | ug/kg | 59.0 | 10.9 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 59.0 | 7.49 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 59.0 | 6.11 | 1 | A |
| PCBs, Total | 736 | | ug/kg | 59.0 | 5.24 | 1 | B |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 70 | | 30-150 | A |
| Decachlorobiphenyl | 87 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 81 | | 30-150 | B |
| Decachlorobiphenyl | 103 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-04
Client ID: BASE-03-07
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/22/24 11:10
Date Received: 08/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/23/24 11:15
Analyst: RMP
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 08/23/24 03:04
Cleanup Method: EPA 3665A
Cleanup Date: 08/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/23/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 56.6 | 5.03 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 56.6 | 5.67 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 56.6 | 12.0 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 56.6 | 7.63 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 56.6 | 8.49 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 56.6 | 6.19 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 56.6 | 10.5 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 56.6 | 7.19 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 56.6 | 5.86 | 1 | A |
| PCBs, Total | ND | | ug/kg | 56.6 | 5.03 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 80 | | 30-150 | A |
| Decachlorobiphenyl | 88 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 88 | | 30-150 | B |
| Decachlorobiphenyl | 91 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002
**Lab Number:** L2448023
**Report Date:** 08/23/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 08/22/24 12:19
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 08/22/24 03:05
Cleanup Method: EPA 3665A
Cleanup Date: 08/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/22/24

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-04 Batch: WG1962382-1 | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 48.0 | 4.26 | A |
| Aroclor 1221 | ND | | ug/kg | 48.0 | 4.81 | A |
| Aroclor 1232 | ND | | ug/kg | 48.0 | 10.2 | A |
| Aroclor 1242 | ND | | ug/kg | 48.0 | 6.47 | A |
| Aroclor 1248 | ND | | ug/kg | 48.0 | 7.20 | A |
| Aroclor 1254 | ND | | ug/kg | 48.0 | 5.25 | A |
| Aroclor 1260 | ND | | ug/kg | 48.0 | 8.87 | A |
| Aroclor 1262 | ND | | ug/kg | 48.0 | 6.09 | A |
| Aroclor 1268 | ND | | ug/kg | 48.0 | 4.97 | A |
| PCBs, Total | ND | | ug/kg | 48.0 | 4.26 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 79 | | 30-150 | A |
| Decachlorobiphenyl | 79 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 85 | | 30-150 | B |
| Decachlorobiphenyl | 83 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2448023

**Report Date:** 08/23/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1962382-2 WG1962382-3 | | | | | | | | | |
| Aroclor 1016 | 81 | | 80 | | 40-140 | 1 | | 50 | A |
| Aroclor 1260 | 80 | | 78 | | 40-140 | 3 | | 50 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 75 | | 74 | | 30-150 | A |
| Decachlorobiphenyl | 78 | | 74 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 78 | | 77 | | 30-150 | B |
| Decachlorobiphenyl | 79 | | 74 | | 30-150 | B |

# PESTICIDES

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-01
Client ID: LAGOON-SW-NE-7
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/22/24 09:45
Date Received: 08/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 08/23/24 12:43
Analyst: JAG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 08/23/24 03:07
Cleanup Method: EPA 3620B
Cleanup Date: 08/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/23/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.89 | 0.370 | 1 | A |
| Lindane | ND | | ug/kg | 0.788 | 0.352 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.788 | 0.224 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.89 | 0.717 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.945 | 0.424 | 1 | A |
| Aldrin | ND | | ug/kg | 1.89 | 0.666 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.54 | 1.06 | 1 | A |
| Endrin | ND | | ug/kg | 0.788 | 0.323 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.36 | 0.827 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.89 | 0.487 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.18 | 0.591 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.89 | 0.437 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.89 | 0.674 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 1.89 | 1.52 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.89 | 0.447 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.89 | 0.632 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.788 | 0.375 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.54 | 1.10 | 1 | A |
| Toxaphene | ND | | ug/kg | 35.4 | 9.92 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.36 | 0.658 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.36 | 0.624 | 1 | A |
| Chlordane | ND | | ug/kg | 15.8 | 6.26 | 1 | A |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-01 Date Collected: 08/22/24 09:45

Client ID: LAGOON-SW-NE-7 Date Received: 08/22/24

Sample Location: 2266 MILITARY RD., TONAWANDA, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | **221** | Q | 30-150 | A |
| Decachlorobiphenyl | 113 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 72 | | 30-150 | B |
| Decachlorobiphenyl | 105 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-01
Client ID: LAGOON-SW-NE-7
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/22/24 09:45
Date Received: 08/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 08/23/24 14:12
Analyst: EJL
Percent Solids: 84%
Methylation Date: 08/23/24 12:20

Extraction Method: EPA 8151A
Extraction Date: 08/23/24 04:18

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 195 | 12.3 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 195 | 6.04 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 195 | 5.19 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 126 | | 30-150 | A |
| DCAA | 121 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2448023
**Project Number:** 100.002
**Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-02
Client ID: LAGOON-SW-N2-08
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/22/24 11:40
Date Received: 08/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 08/23/24 12:54
Analyst: JAG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 08/23/24 03:07
Cleanup Method: EPA 3620B
Cleanup Date: 08/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/23/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.83 | 0.358 | 1 | A |
| Lindane | ND | | ug/kg | 0.762 | 0.340 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.762 | 0.216 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.83 | 0.693 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.914 | 0.410 | 1 | A |
| Aldrin | ND | | ug/kg | 1.83 | 0.644 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.43 | 1.03 | 1 | A |
| Endrin | ND | | ug/kg | 0.762 | 0.312 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.28 | 0.800 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.83 | 0.471 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.14 | 0.571 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.83 | 0.423 | 1 | A |
| 4,4'-DDD | 1.29 | J | ug/kg | 1.83 | 0.652 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 1.83 | 1.47 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.83 | 0.432 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.83 | 0.611 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.762 | 0.363 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.43 | 1.07 | 1 | A |
| Toxaphene | ND | | ug/kg | 34.3 | 9.60 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.28 | 0.637 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.28 | 0.603 | 1 | A |
| Chlordane | ND | | ug/kg | 15.2 | 6.06 | 1 | A |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-02 Date Collected: 08/22/24 11:40

Client ID: LAGOON-SW-N2-08 Date Received: 08/22/24

Sample Location: 2266 MILITARY RD., TONAWANDA, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 66 | | 30-150 | A |
| Decachlorobiphenyl | 71 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 70 | | 30-150 | B |
| Decachlorobiphenyl | 72 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-02
Client ID: LAGOON-SW-N2-08
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/22/24 11:40
Date Received: 08/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 08/23/24 14:30
Analyst: EJL
Percent Solids: 87%
Methylation Date: 08/23/24 12:20

Extraction Method: EPA 8151A
Extraction Date: 08/23/24 04:18

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 188 | 11.8 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 188 | 5.83 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 188 | 5.00 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 117 | | 30-150 | A |
| DCAA | 135 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-03
Client ID: LAGOON-SW-S2-6.5
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/22/24 11:30
Date Received: 08/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 08/23/24 13:06
Analyst: JAG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 08/23/24 03:07
Cleanup Method: EPA 3620B
Cleanup Date: 08/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/23/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.90 | 0.372 | 1 | A |
| Lindane | ND | | ug/kg | 0.792 | 0.354 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.792 | 0.225 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.90 | 0.721 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.951 | 0.426 | 1 | A |
| Aldrin | ND | | ug/kg | 1.90 | 0.670 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.56 | 1.07 | 1 | A |
| Endrin | ND | | ug/kg | 0.792 | 0.325 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.38 | 0.832 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.90 | 0.490 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.19 | 0.594 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.90 | 0.440 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.90 | 0.678 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 1.90 | 1.53 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.90 | 0.449 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.90 | 0.636 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.792 | 0.377 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.56 | 1.11 | 1 | A |
| Toxaphene | ND | | ug/kg | 35.6 | 9.98 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.38 | 0.662 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.38 | 0.628 | 1 | A |
| Chlordane | ND | | ug/kg | 15.8 | 6.30 | 1 | A |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-03 Date Collected: 08/22/24 11:30

Client ID: LAGOON-SW-S2-6.5 Date Received: 08/22/24

Sample Location: 2266 MILITARY RD., TONAWANDA, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | **264** | Q | 30-150 | A |
| Decachlorobiphenyl | 72 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 59 | | 30-150 | B |
| Decachlorobiphenyl | 61 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-03
Client ID: LAGOON-SW-S2-6.5
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/22/24 11:30
Date Received: 08/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 08/23/24 14:49
Analyst: EJL
Percent Solids: 82%
Methylation Date: 08/23/24 12:20

Extraction Method: EPA 8151A
Extraction Date: 08/23/24 04:18

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 200 | 12.6 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 200 | 6.21 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 200 | 5.33 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 139 | | 30-150 | A |
| DCAA | 127 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-04
Client ID: BASE-03-07
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/22/24 11:10
Date Received: 08/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 08/23/24 13:17
Analyst: JAG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 08/23/24 03:07
Cleanup Method: EPA 3620B
Cleanup Date: 08/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/23/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.73 | 0.338 | 1 | A |
| Lindane | ND | | ug/kg | 0.720 | 0.322 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.720 | 0.204 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.73 | 0.655 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.864 | 0.387 | 1 | A |
| Aldrin | ND | | ug/kg | 1.73 | 0.608 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.24 | 0.972 | 1 | A |
| Endrin | ND | | ug/kg | 0.720 | 0.295 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.16 | 0.756 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.73 | 0.445 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.08 | 0.540 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.73 | 0.400 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.73 | 0.616 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 1.73 | 1.39 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.73 | 0.408 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.73 | 0.577 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.720 | 0.343 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.24 | 1.01 | 1 | A |
| Toxaphene | ND | | ug/kg | 32.4 | 9.07 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.16 | 0.602 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.16 | 0.570 | 1 | A |
| Chlordane | ND | | ug/kg | 14.4 | 5.72 | 1 | A |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-04 Date Collected: 08/22/24 11:10

Client ID: BASE-03-07 Date Received: 08/22/24

Sample Location: 2266 MILITARY RD., TONAWANDA, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 58 | | 30-150 | A |
| Decachlorobiphenyl | 66 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 61 | | 30-150 | B |
| Decachlorobiphenyl | 56 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-04
Client ID: BASE-03-07
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/22/24 11:10
Date Received: 08/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 08/23/24 15:26
Analyst: EJL
Percent Solids: 88%
Methylation Date: 08/23/24 12:20

Extraction Method: EPA 8151A
Extraction Date: 08/23/24 04:18

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 189 | 11.9 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 189 | 5.86 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 189 | 5.02 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 120 | | 30-150 | A |
| DCAA | 105 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2448023
**Report Date:** 08/23/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 08/23/24 12:08
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 08/23/24 03:07
Cleanup Method: EPA 3620B
Cleanup Date: 08/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/23/24

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG1962875-1 | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.58 | 0.310 | A |
| Lindane | ND | | ug/kg | 0.659 | 0.294 | A |
| Alpha-BHC | ND | | ug/kg | 0.659 | 0.187 | A |
| Beta-BHC | ND | | ug/kg | 1.58 | 0.599 | A |
| Heptachlor | ND | | ug/kg | 0.790 | 0.354 | A |
| Aldrin | ND | | ug/kg | 1.58 | 0.557 | A |
| Heptachlor epoxide | ND | | ug/kg | 2.96 | 0.889 | A |
| Endrin | ND | | ug/kg | 0.659 | 0.270 | A |
| Endrin aldehyde | ND | | ug/kg | 1.98 | 0.692 | A |
| Endrin ketone | ND | | ug/kg | 1.58 | 0.407 | A |
| Dieldrin | ND | | ug/kg | 0.988 | 0.494 | A |
| 4,4'-DDE | ND | | ug/kg | 1.58 | 0.366 | A |
| 4,4'-DDD | ND | | ug/kg | 1.58 | 0.564 | A |
| 4,4'-DDT | ND | | ug/kg | 1.58 | 1.27 | A |
| Endosulfan I | ND | | ug/kg | 1.58 | 0.374 | A |
| Endosulfan II | ND | | ug/kg | 1.58 | 0.528 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.659 | 0.314 | A |
| Methoxychlor | ND | | ug/kg | 2.96 | 0.922 | A |
| Toxaphene | ND | | ug/kg | 29.6 | 8.30 | A |
| cis-Chlordane | ND | | ug/kg | 1.98 | 0.551 | A |
| trans-Chlordane | ND | | ug/kg | 1.98 | 0.522 | A |
| Chlordane | ND | | ug/kg | 13.2 | 5.24 | A |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2448023
**Report Date:** 08/23/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 08/23/24 12:08
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 08/23/24 03:07
Cleanup Method: EPA 3620B
Cleanup Date: 08/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/23/24

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG1962875-1 | | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 76 | | 30-150 | A |
| Decachlorobiphenyl | 84 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 80 | | 30-150 | B |
| Decachlorobiphenyl | 85 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2448023
**Report Date:** 08/23/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 08/23/24 13:16
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 08/23/24 04:18

Methylation Date: 08/23/24 12:20

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-04 Batch: WG1962881-1 | | | | | | |
| 2,4-D | ND | | ug/kg | 162 | 10.2 | A |
| 2,4,5-T | ND | | ug/kg | 162 | 5.02 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 162 | 4.31 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 118 | | 30-150 | A |
| DCAA | 100 | | 30-150 | B |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2448023
**Report Date:** 08/23/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1962875-2 WG1962875-3 | | | | | | | | | |
| Delta-BHC | 80 | | 86 | | 30-150 | 7 | | 30 | A |
| Lindane | 75 | | 81 | | 30-150 | 8 | | 30 | A |
| Alpha-BHC | 77 | | 83 | | 30-150 | 8 | | 30 | A |
| Beta-BHC | 81 | | 86 | | 30-150 | 6 | | 30 | A |
| Heptachlor | 78 | | 83 | | 30-150 | 6 | | 30 | A |
| Aldrin | 78 | | 84 | | 30-150 | 7 | | 30 | A |
| Heptachlor epoxide | 79 | | 84 | | 30-150 | 6 | | 30 | A |
| Endrin | 84 | | 90 | | 30-150 | 7 | | 30 | A |
| Endrin aldehyde | 76 | | 81 | | 30-150 | 6 | | 30 | A |
| Endrin ketone | 82 | | 88 | | 30-150 | 7 | | 30 | A |
| Dieldrin | 90 | | 97 | | 30-150 | 7 | | 30 | A |
| 4,4'-DDE | 84 | | 89 | | 30-150 | 6 | | 30 | A |
| 4,4'-DDD | 89 | | 96 | | 30-150 | 8 | | 30 | A |
| 4,4'-DDT | 82 | | 89 | | 30-150 | 8 | | 30 | A |
| Endosulfan I | 82 | | 88 | | 30-150 | 7 | | 30 | A |
| Endosulfan II | 86 | | 92 | | 30-150 | 7 | | 30 | A |
| Endosulfan sulfate | 84 | | 90 | | 30-150 | 7 | | 30 | A |
| Methoxychlor | 98 | | 104 | | 30-150 | 6 | | 30 | A |
| cis-Chlordane | 79 | | 85 | | 30-150 | 7 | | 30 | A |
| trans-Chlordane | 96 | | 103 | | 30-150 | 7 | | 30 | A |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2448023

**Report Date:** 08/23/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1962875-2 WG1962875-3

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 69 | | 73 | | 30-150 | A |
| Decachlorobiphenyl | 75 | | 82 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 76 | | 78 | | 30-150 | B |
| Decachlorobiphenyl | 78 | | 81 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2448023

**Report Date:** 08/23/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1962881-2 WG1962881-3 | | | | | | | | | |
| 2,4-D | 138 | | 140 | | 30-150 | 1 | | 30 | A |
| 2,4,5-T | **154** | Q | **154** | Q | 30-150 | 0 | | 30 | A |
| 2,4,5-TP (Silvex) | 133 | | 134 | | 30-150 | 1 | | 30 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| DCAA | 115 | | 124 | | 30-150 | A |
| DCAA | 108 | | 119 | | 30-150 | B |

# METALS

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-01 Date Collected: 08/22/24 09:45

Client ID: LAGOON-SW-NE-7 Date Received: 08/22/24

Sample Location: 2266 MILITARY RD., TONAWANDA, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 8720 | | mg/kg | 9.35 | 2.52 | 2 | 08/23/24 08:25 | 08/23/24 11:31 | EPA 3050B | 1,6010D | JMF |
| Antimony, Total | 0.563 | J | mg/kg | 4.68 | 0.355 | 2 | 08/23/24 08:25 | 08/23/24 11:31 | EPA 3050B | 1,6010D | JMF |
| Arsenic, Total | 4.50 | | mg/kg | 0.935 | 0.194 | 2 | 08/23/24 08:25 | 08/23/24 11:31 | EPA 3050B | 1,6010D | JMF |
| Barium, Total | 99.2 | | mg/kg | 0.935 | 0.163 | 2 | 08/23/24 08:25 | 08/23/24 11:31 | EPA 3050B | 1,6010D | JMF |
| Beryllium, Total | 0.498 | | mg/kg | 0.468 | 0.031 | 2 | 08/23/24 08:25 | 08/23/24 11:31 | EPA 3050B | 1,6010D | JMF |
| Cadmium, Total | 0.285 | J | mg/kg | 0.935 | 0.092 | 2 | 08/23/24 08:25 | 08/23/24 11:31 | EPA 3050B | 1,6010D | JMF |
| Calcium, Total | 44800 | | mg/kg | 9.35 | 3.27 | 2 | 08/23/24 08:25 | 08/23/24 11:31 | EPA 3050B | 1,6010D | JMF |
| Chromium, Total | 20.2 | | mg/kg | 0.935 | 0.090 | 2 | 08/23/24 08:25 | 08/23/24 11:31 | EPA 3050B | 1,6010D | JMF |
| Cobalt, Total | 7.90 | | mg/kg | 1.87 | 0.155 | 2 | 08/23/24 08:25 | 08/23/24 11:31 | EPA 3050B | 1,6010D | JMF |
| Copper, Total | 18.3 | | mg/kg | 0.935 | 0.241 | 2 | 08/23/24 08:25 | 08/23/24 11:31 | EPA 3050B | 1,6010D | JMF |
| Iron, Total | 15800 | | mg/kg | 4.68 | 0.844 | 2 | 08/23/24 08:25 | 08/23/24 11:31 | EPA 3050B | 1,6010D | JMF |
| Lead, Total | 93.9 | | mg/kg | 4.68 | 0.251 | 2 | 08/23/24 08:25 | 08/23/24 11:31 | EPA 3050B | 1,6010D | JMF |
| Magnesium, Total | 12900 | | mg/kg | 9.35 | 1.44 | 2 | 08/23/24 08:25 | 08/23/24 11:31 | EPA 3050B | 1,6010D | JMF |
| Manganese, Total | 541 | | mg/kg | 0.935 | 0.149 | 2 | 08/23/24 08:25 | 08/23/24 11:31 | EPA 3050B | 1,6010D | JMF |
| Mercury, Total | 2.45 | | mg/kg | 0.152 | 0.100 | 2 | 08/23/24 08:55 | 08/23/24 12:34 | EPA 7471B | 1,7471B | MJR |
| Nickel, Total | 16.1 | | mg/kg | 2.34 | 0.226 | 2 | 08/23/24 08:25 | 08/23/24 11:31 | EPA 3050B | 1,6010D | JMF |
| Potassium, Total | 1040 | | mg/kg | 234 | 13.5 | 2 | 08/23/24 08:25 | 08/23/24 11:31 | EPA 3050B | 1,6010D | JMF |
| Selenium, Total | ND | | mg/kg | 1.87 | 0.241 | 2 | 08/23/24 08:25 | 08/23/24 11:31 | EPA 3050B | 1,6010D | JMF |
| Silver, Total | ND | | mg/kg | 0.468 | 0.265 | 2 | 08/23/24 08:25 | 08/23/24 11:31 | EPA 3050B | 1,6010D | JMF |
| Sodium, Total | 166 | J | mg/kg | 187 | 2.94 | 2 | 08/23/24 08:25 | 08/23/24 11:31 | EPA 3050B | 1,6010D | JMF |
| Thallium, Total | ND | | mg/kg | 1.87 | 0.294 | 2 | 08/23/24 08:25 | 08/23/24 11:31 | EPA 3050B | 1,6010D | JMF |
| Vanadium, Total | 18.3 | | mg/kg | 0.935 | 0.190 | 2 | 08/23/24 08:25 | 08/23/24 11:31 | EPA 3050B | 1,6010D | JMF |
| Zinc, Total | 190 | | mg/kg | 4.68 | 0.274 | 2 | 08/23/24 08:25 | 08/23/24 11:31 | EPA 3050B | 1,6010D | JMF |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-02 Date Collected: 08/22/24 11:40

Client ID: LAGOON-SW-N2-08 Date Received: 08/22/24

Sample Location: 2266 MILITARY RD., TONAWANDA, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 7040 | | mg/kg | 8.96 | 2.42 | 2 | 08/23/24 08:25 | 08/23/24 11:19 | EPA 3050B | 1,6010D | JMF |
| Antimony, Total | 0.345 | J | mg/kg | 4.48 | 0.340 | 2 | 08/23/24 08:25 | 08/23/24 11:19 | EPA 3050B | 1,6010D | JMF |
| Arsenic, Total | 2.98 | | mg/kg | 0.896 | 0.186 | 2 | 08/23/24 08:25 | 08/23/24 11:19 | EPA 3050B | 1,6010D | JMF |
| Barium, Total | 88.4 | | mg/kg | 0.896 | 0.156 | 2 | 08/23/24 08:25 | 08/23/24 11:19 | EPA 3050B | 1,6010D | JMF |
| Beryllium, Total | 0.382 | J | mg/kg | 0.448 | 0.030 | 2 | 08/23/24 08:25 | 08/23/24 11:19 | EPA 3050B | 1,6010D | JMF |
| Cadmium, Total | 0.178 | J | mg/kg | 0.896 | 0.088 | 2 | 08/23/24 08:25 | 08/23/24 11:19 | EPA 3050B | 1,6010D | JMF |
| Calcium, Total | 48200 | | mg/kg | 8.96 | 3.14 | 2 | 08/23/24 08:25 | 08/23/24 11:19 | EPA 3050B | 1,6010D | JMF |
| Chromium, Total | 12.9 | | mg/kg | 0.896 | 0.086 | 2 | 08/23/24 08:25 | 08/23/24 11:19 | EPA 3050B | 1,6010D | JMF |
| Cobalt, Total | 9.04 | | mg/kg | 1.79 | 0.149 | 2 | 08/23/24 08:25 | 08/23/24 11:19 | EPA 3050B | 1,6010D | JMF |
| Copper, Total | 15.4 | | mg/kg | 0.896 | 0.231 | 2 | 08/23/24 08:25 | 08/23/24 11:19 | EPA 3050B | 1,6010D | JMF |
| Iron, Total | 17900 | | mg/kg | 4.48 | 0.809 | 2 | 08/23/24 08:25 | 08/23/24 11:19 | EPA 3050B | 1,6010D | JMF |
| Lead, Total | 29.5 | | mg/kg | 4.48 | 0.240 | 2 | 08/23/24 08:25 | 08/23/24 11:19 | EPA 3050B | 1,6010D | JMF |
| Magnesium, Total | 15500 | | mg/kg | 8.96 | 1.38 | 2 | 08/23/24 08:25 | 08/23/24 11:19 | EPA 3050B | 1,6010D | JMF |
| Manganese, Total | 578 | | mg/kg | 0.896 | 0.142 | 2 | 08/23/24 08:25 | 08/23/24 11:19 | EPA 3050B | 1,6010D | JMF |
| Mercury, Total | 0.778 | | mg/kg | 0.074 | 0.048 | 1 | 08/23/24 08:55 | 08/23/24 11:09 | EPA 7471B | 1,7471B | MJR |
| Nickel, Total | 13.5 | | mg/kg | 2.24 | 0.217 | 2 | 08/23/24 08:25 | 08/23/24 11:19 | EPA 3050B | 1,6010D | JMF |
| Potassium, Total | 832 | | mg/kg | 224 | 12.9 | 2 | 08/23/24 08:25 | 08/23/24 11:19 | EPA 3050B | 1,6010D | JMF |
| Selenium, Total | ND | | mg/kg | 1.79 | 0.231 | 2 | 08/23/24 08:25 | 08/23/24 11:19 | EPA 3050B | 1,6010D | JMF |
| Silver, Total | ND | | mg/kg | 0.448 | 0.254 | 2 | 08/23/24 08:25 | 08/23/24 11:19 | EPA 3050B | 1,6010D | JMF |
| Sodium, Total | 140 | J | mg/kg | 179 | 2.82 | 2 | 08/23/24 08:25 | 08/23/24 11:19 | EPA 3050B | 1,6010D | JMF |
| Thallium, Total | ND | | mg/kg | 1.79 | 0.282 | 2 | 08/23/24 08:25 | 08/23/24 11:19 | EPA 3050B | 1,6010D | JMF |
| Vanadium, Total | 15.3 | | mg/kg | 0.896 | 0.182 | 2 | 08/23/24 08:25 | 08/23/24 11:19 | EPA 3050B | 1,6010D | JMF |
| Zinc, Total | 66.3 | | mg/kg | 4.48 | 0.263 | 2 | 08/23/24 08:25 | 08/23/24 11:19 | EPA 3050B | 1,6010D | JMF |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-03 Date Collected: 08/22/24 11:30

Client ID: LAGOON-SW-S2-6.5 Date Received: 08/22/24

Sample Location: 2266 MILITARY RD., TONAWANDA, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 8210 | | mg/kg | 9.28 | 2.50 | 2 | 08/23/24 08:25 | 08/23/24 11:23 | EPA 3050B | 1,6010D | JMF |
| Antimony, Total | 0.581 | J | mg/kg | 4.64 | 0.353 | 2 | 08/23/24 08:25 | 08/23/24 11:23 | EPA 3050B | 1,6010D | JMF |
| Arsenic, Total | 3.76 | | mg/kg | 0.928 | 0.193 | 2 | 08/23/24 08:25 | 08/23/24 11:23 | EPA 3050B | 1,6010D | JMF |
| Barium, Total | 105 | | mg/kg | 0.928 | 0.161 | 2 | 08/23/24 08:25 | 08/23/24 11:23 | EPA 3050B | 1,6010D | JMF |
| Beryllium, Total | 0.424 | J | mg/kg | 0.464 | 0.031 | 2 | 08/23/24 08:25 | 08/23/24 11:23 | EPA 3050B | 1,6010D | JMF |
| Cadmium, Total | 0.180 | J | mg/kg | 0.928 | 0.091 | 2 | 08/23/24 08:25 | 08/23/24 11:23 | EPA 3050B | 1,6010D | JMF |
| Calcium, Total | 66500 | | mg/kg | 9.28 | 3.25 | 2 | 08/23/24 08:25 | 08/23/24 11:23 | EPA 3050B | 1,6010D | JMF |
| Chromium, Total | 17.9 | | mg/kg | 0.928 | 0.089 | 2 | 08/23/24 08:25 | 08/23/24 11:23 | EPA 3050B | 1,6010D | JMF |
| Cobalt, Total | 7.49 | | mg/kg | 1.86 | 0.154 | 2 | 08/23/24 08:25 | 08/23/24 11:23 | EPA 3050B | 1,6010D | JMF |
| Copper, Total | 14.6 | | mg/kg | 0.928 | 0.239 | 2 | 08/23/24 08:25 | 08/23/24 11:23 | EPA 3050B | 1,6010D | JMF |
| Iron, Total | 14500 | | mg/kg | 4.64 | 0.838 | 2 | 08/23/24 08:25 | 08/23/24 11:23 | EPA 3050B | 1,6010D | JMF |
| Lead, Total | 87.2 | | mg/kg | 4.64 | 0.249 | 2 | 08/23/24 08:25 | 08/23/24 11:23 | EPA 3050B | 1,6010D | JMF |
| Magnesium, Total | 31500 | | mg/kg | 9.28 | 1.43 | 2 | 08/23/24 08:25 | 08/23/24 11:23 | EPA 3050B | 1,6010D | JMF |
| Manganese, Total | 676 | | mg/kg | 0.928 | 0.148 | 2 | 08/23/24 08:25 | 08/23/24 11:23 | EPA 3050B | 1,6010D | JMF |
| Mercury, Total | 0.980 | | mg/kg | 0.077 | 0.050 | 1 | 08/23/24 08:55 | 08/23/24 11:12 | EPA 7471B | 1,7471B | MJR |
| Nickel, Total | 12.8 | | mg/kg | 2.32 | 0.224 | 2 | 08/23/24 08:25 | 08/23/24 11:23 | EPA 3050B | 1,6010D | JMF |
| Potassium, Total | 844 | | mg/kg | 232 | 13.4 | 2 | 08/23/24 08:25 | 08/23/24 11:23 | EPA 3050B | 1,6010D | JMF |
| Selenium, Total | ND | | mg/kg | 1.86 | 0.239 | 2 | 08/23/24 08:25 | 08/23/24 11:23 | EPA 3050B | 1,6010D | JMF |
| Silver, Total | ND | | mg/kg | 0.464 | 0.263 | 2 | 08/23/24 08:25 | 08/23/24 11:23 | EPA 3050B | 1,6010D | JMF |
| Sodium, Total | 181 | J | mg/kg | 186 | 2.92 | 2 | 08/23/24 08:25 | 08/23/24 11:23 | EPA 3050B | 1,6010D | JMF |
| Thallium, Total | ND | | mg/kg | 1.86 | 0.292 | 2 | 08/23/24 08:25 | 08/23/24 11:23 | EPA 3050B | 1,6010D | JMF |
| Vanadium, Total | 16.7 | | mg/kg | 0.928 | 0.188 | 2 | 08/23/24 08:25 | 08/23/24 11:23 | EPA 3050B | 1,6010D | JMF |
| Zinc, Total | 89.3 | | mg/kg | 4.64 | 0.272 | 2 | 08/23/24 08:25 | 08/23/24 11:23 | EPA 3050B | 1,6010D | JMF |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-04 Date Collected: 08/22/24 11:10

Client ID: BASE-03-07 Date Received: 08/22/24

Sample Location: 2266 MILITARY RD., TONAWANDA, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 8250 | | mg/kg | 8.95 | 2.42 | 2 | 08/23/24 08:25 | 08/23/24 11:27 | EPA 3050B | 1,6010D | JMF |
| Antimony, Total | ND | | mg/kg | 4.48 | 0.340 | 2 | 08/23/24 08:25 | 08/23/24 11:27 | EPA 3050B | 1,6010D | JMF |
| Arsenic, Total | 4.25 | | mg/kg | 0.895 | 0.186 | 2 | 08/23/24 08:25 | 08/23/24 11:27 | EPA 3050B | 1,6010D | JMF |
| Barium, Total | 93.1 | | mg/kg | 0.895 | 0.156 | 2 | 08/23/24 08:25 | 08/23/24 11:27 | EPA 3050B | 1,6010D | JMF |
| Beryllium, Total | 0.423 | J | mg/kg | 0.448 | 0.030 | 2 | 08/23/24 08:25 | 08/23/24 11:27 | EPA 3050B | 1,6010D | JMF |
| Cadmium, Total | 0.183 | J | mg/kg | 0.895 | 0.088 | 2 | 08/23/24 08:25 | 08/23/24 11:27 | EPA 3050B | 1,6010D | JMF |
| Calcium, Total | 56800 | | mg/kg | 8.95 | 3.13 | 2 | 08/23/24 08:25 | 08/23/24 11:27 | EPA 3050B | 1,6010D | JMF |
| Chromium, Total | 12.6 | | mg/kg | 0.895 | 0.086 | 2 | 08/23/24 08:25 | 08/23/24 11:27 | EPA 3050B | 1,6010D | JMF |
| Cobalt, Total | 6.95 | | mg/kg | 1.79 | 0.148 | 2 | 08/23/24 08:25 | 08/23/24 11:27 | EPA 3050B | 1,6010D | JMF |
| Copper, Total | 17.2 | | mg/kg | 0.895 | 0.231 | 2 | 08/23/24 08:25 | 08/23/24 11:27 | EPA 3050B | 1,6010D | JMF |
| Iron, Total | 16600 | | mg/kg | 4.48 | 0.808 | 2 | 08/23/24 08:25 | 08/23/24 11:27 | EPA 3050B | 1,6010D | JMF |
| Lead, Total | 9.42 | | mg/kg | 4.48 | 0.240 | 2 | 08/23/24 08:25 | 08/23/24 11:27 | EPA 3050B | 1,6010D | JMF |
| Magnesium, Total | 16600 | | mg/kg | 8.95 | 1.38 | 2 | 08/23/24 08:25 | 08/23/24 11:27 | EPA 3050B | 1,6010D | JMF |
| Manganese, Total | 504 | | mg/kg | 0.895 | 0.142 | 2 | 08/23/24 08:25 | 08/23/24 11:27 | EPA 3050B | 1,6010D | JMF |
| Mercury, Total | ND | | mg/kg | 0.072 | 0.047 | 1 | 08/23/24 08:55 | 08/23/24 11:15 | EPA 7471B | 1,7471B | MJR |
| Nickel, Total | 15.5 | | mg/kg | 2.24 | 0.216 | 2 | 08/23/24 08:25 | 08/23/24 11:27 | EPA 3050B | 1,6010D | JMF |
| Potassium, Total | 1030 | | mg/kg | 224 | 12.9 | 2 | 08/23/24 08:25 | 08/23/24 11:27 | EPA 3050B | 1,6010D | JMF |
| Selenium, Total | ND | | mg/kg | 1.79 | 0.231 | 2 | 08/23/24 08:25 | 08/23/24 11:27 | EPA 3050B | 1,6010D | JMF |
| Silver, Total | ND | | mg/kg | 0.448 | 0.253 | 2 | 08/23/24 08:25 | 08/23/24 11:27 | EPA 3050B | 1,6010D | JMF |
| Sodium, Total | 171 | J | mg/kg | 179 | 2.82 | 2 | 08/23/24 08:25 | 08/23/24 11:27 | EPA 3050B | 1,6010D | JMF |
| Thallium, Total | ND | | mg/kg | 1.79 | 0.282 | 2 | 08/23/24 08:25 | 08/23/24 11:27 | EPA 3050B | 1,6010D | JMF |
| Vanadium, Total | 19.0 | | mg/kg | 0.895 | 0.182 | 2 | 08/23/24 08:25 | 08/23/24 11:27 | EPA 3050B | 1,6010D | JMF |
| Zinc, Total | 59.0 | | mg/kg | 4.48 | 0.262 | 2 | 08/23/24 08:25 | 08/23/24 11:27 | EPA 3050B | 1,6010D | JMF |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

# Method Blank Analysis
# Batch Quality Control

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1962894-1 | | | | | | | | | | |
| Aluminum, Total | ND | | mg/kg | 4.00 | 1.08 | 1 | 08/23/24 08:25 | 08/23/24 11:11 | 1,6010D | JMF |
| Antimony, Total | ND | | mg/kg | 2.00 | 0.152 | 1 | 08/23/24 08:25 | 08/23/24 11:11 | 1,6010D | JMF |
| Arsenic, Total | ND | | mg/kg | 0.400 | 0.083 | 1 | 08/23/24 08:25 | 08/23/24 11:11 | 1,6010D | JMF |
| Barium, Total | ND | | mg/kg | 0.400 | 0.070 | 1 | 08/23/24 08:25 | 08/23/24 11:11 | 1,6010D | JMF |
| Beryllium, Total | ND | | mg/kg | 0.200 | 0.013 | 1 | 08/23/24 08:25 | 08/23/24 11:11 | 1,6010D | JMF |
| Cadmium, Total | ND | | mg/kg | 0.400 | 0.039 | 1 | 08/23/24 08:25 | 08/23/24 11:11 | 1,6010D | JMF |
| Calcium, Total | 2.13 | J | mg/kg | 4.00 | 1.40 | 1 | 08/23/24 08:25 | 08/23/24 11:11 | 1,6010D | JMF |
| Chromium, Total | ND | | mg/kg | 0.400 | 0.038 | 1 | 08/23/24 08:25 | 08/23/24 11:11 | 1,6010D | JMF |
| Cobalt, Total | ND | | mg/kg | 0.800 | 0.066 | 1 | 08/23/24 08:25 | 08/23/24 11:11 | 1,6010D | JMF |
| Copper, Total | ND | | mg/kg | 0.400 | 0.103 | 1 | 08/23/24 08:25 | 08/23/24 11:11 | 1,6010D | JMF |
| Iron, Total | 1.42 | J | mg/kg | 2.00 | 0.361 | 1 | 08/23/24 08:25 | 08/23/24 11:11 | 1,6010D | JMF |
| Lead, Total | ND | | mg/kg | 2.00 | 0.107 | 1 | 08/23/24 08:25 | 08/23/24 11:11 | 1,6010D | JMF |
| Magnesium, Total | ND | | mg/kg | 4.00 | 0.616 | 1 | 08/23/24 08:25 | 08/23/24 11:11 | 1,6010D | JMF |
| Manganese, Total | ND | | mg/kg | 0.400 | 0.064 | 1 | 08/23/24 08:25 | 08/23/24 11:11 | 1,6010D | JMF |
| Nickel, Total | ND | | mg/kg | 1.00 | 0.097 | 1 | 08/23/24 08:25 | 08/23/24 11:11 | 1,6010D | JMF |
| Potassium, Total | ND | | mg/kg | 100 | 5.76 | 1 | 08/23/24 08:25 | 08/23/24 11:11 | 1,6010D | JMF |
| Selenium, Total | ND | | mg/kg | 0.800 | 0.103 | 1 | 08/23/24 08:25 | 08/23/24 11:11 | 1,6010D | JMF |
| Silver, Total | ND | | mg/kg | 0.200 | 0.113 | 1 | 08/23/24 08:25 | 08/23/24 11:11 | 1,6010D | JMF |
| Sodium, Total | 7.60 | J | mg/kg | 80.0 | 1.26 | 1 | 08/23/24 08:25 | 08/23/24 11:11 | 1,6010D | JMF |
| Thallium, Total | ND | | mg/kg | 0.800 | 0.126 | 1 | 08/23/24 08:25 | 08/23/24 11:11 | 1,6010D | JMF |
| Vanadium, Total | ND | | mg/kg | 0.400 | 0.081 | 1 | 08/23/24 08:25 | 08/23/24 11:11 | 1,6010D | JMF |
| Zinc, Total | ND | | mg/kg | 2.00 | 0.117 | 1 | 08/23/24 08:25 | 08/23/24 11:11 | 1,6010D | JMF |

**Prep Information**

Digestion Method: EPA 3050B

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1962895-1 | | | | | | | | | | |
| Mercury, Total | ND | | mg/kg | 0.083 | 0.054 | 1 | 08/23/24 08:55 | 08/23/24 10:46 | 1,7471B | MJR |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002
**Lab Number:** L2448023
**Report Date:** 08/23/24

# Method Blank Analysis
# Batch Quality Control

**Prep Information**

Digestion Method: EPA 7471B

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2448023

**Report Date:** 08/23/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1962894-2 | | | | | | | | |
| Aluminum, Total | 102 | | - | | 80-120 | - | | |
| Antimony, Total | 104 | | - | | 80-120 | - | | |
| Arsenic, Total | 94 | | - | | 80-120 | - | | |
| Barium, Total | 104 | | - | | 80-120 | - | | |
| Beryllium, Total | 106 | | - | | 80-120 | - | | |
| Cadmium, Total | 102 | | - | | 80-120 | - | | |
| Calcium, Total | 107 | | - | | 80-120 | - | | |
| Chromium, Total | 102 | | - | | 80-120 | - | | |
| Cobalt, Total | 104 | | - | | 80-120 | - | | |
| Copper, Total | 105 | | - | | 80-120 | - | | |
| Iron, Total | 107 | | - | | 80-120 | - | | |
| Lead, Total | 102 | | - | | 80-120 | - | | |
| Magnesium, Total | 105 | | - | | 80-120 | - | | |
| Manganese, Total | 104 | | - | | 80-120 | - | | |
| Nickel, Total | 104 | | - | | 80-120 | - | | |
| Potassium, Total | 110 | | - | | 80-120 | - | | |
| Selenium, Total | 92 | | - | | 80-120 | - | | |
| Silver, Total | 104 | | - | | 80-120 | - | | |
| Sodium, Total | 111 | | - | | 80-120 | - | | |
| Thallium, Total | 91 | | - | | 80-120 | - | | |
| Vanadium, Total | 105 | | - | | 80-120 | - | | |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2448023

**Report Date:** 08/23/24

| Parameter | LCS %Recovery | LCSD %Recovery | %Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1962894-2 | | | | | |
| Zinc, Total | 104 | - | 80-120 | - | |
| Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1962895-2 | | | | | |
| Mercury, Total | 92 | - | 80-120 | - | |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2448023
**Report Date:** 08/23/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1962894-3 QC Sample: L2448023-01 Client ID: LAGOON-SW-NE-7 | | | | | | | | | | | | |
| Aluminum, Total | 8720 | 184 | 9670 | **515** | Q | - | - | | 75-125 | - | | 20 |
| Antimony, Total | 0.563J | 46.1 | 35.9 | 78 | | - | - | | 75-125 | - | | 20 |
| Arsenic, Total | 4.50 | 11 | 12.8 | 75 | | - | - | | 75-125 | - | | 20 |
| Barium, Total | 99.2 | 184 | 283 | 100 | | - | - | | 75-125 | - | | 20 |
| Beryllium, Total | 0.498 | 4.61 | 4.23 | 81 | | - | - | | 75-125 | - | | 20 |
| Cadmium, Total | 0.285J | 4.88 | 3.76 | 77 | | - | - | | 75-125 | - | | 20 |
| Calcium, Total | 44800 | 921 | 40200 | **0** | Q | - | - | | 75-125 | - | | 20 |
| Chromium, Total | 20.2 | 18.4 | 30.7 | **57** | Q | - | - | | 75-125 | - | | 20 |
| Cobalt, Total | 7.90 | 46.1 | 41.7 | **73** | Q | - | - | | 75-125 | - | | 20 |
| Copper, Total | 18.3 | 23 | 38.0 | 86 | | - | - | | 75-125 | - | | 20 |
| Iron, Total | 15800 | 92.1 | 16300 | **543** | Q | - | - | | 75-125 | - | | 20 |
| Lead, Total | 93.9 | 48.8 | 106 | **25** | Q | - | - | | 75-125 | - | | 20 |
| Magnesium, Total | 12900 | 921 | 12200 | **0** | Q | - | - | | 75-125 | - | | 20 |
| Manganese, Total | 541 | 46.1 | 491 | **0** | Q | - | - | | 75-125 | - | | 20 |
| Nickel, Total | 16.1 | 46.1 | 49.2 | **72** | Q | - | - | | 75-125 | - | | 20 |
| Potassium, Total | 1040 | 921 | 1830 | 86 | | - | - | | 75-125 | - | | 20 |
| Selenium, Total | ND | 11 | 8.32 | 75 | | - | - | | 75-125 | - | | 20 |
| Silver, Total | ND | 4.61 | 4.02 | 87 | | - | - | | 75-125 | - | | 20 |
| Sodium, Total | 166J | 921 | 944 | 102 | | - | - | | 75-125 | - | | 20 |
| Thallium, Total | ND | 11 | 8.00 | **72** | Q | - | - | | 75-125 | - | | 20 |
| Vanadium, Total | 18.3 | 46.1 | 55.0 | 80 | | - | - | | 75-125 | - | | 20 |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2448023
**Report Date:** 08/23/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | | MSD Found | MSD %Recovery | Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1962894-3 QC Sample: L2448023-01 Client ID: LAGOON-SW-NE-7 | | | | | | | | | | |
| Zinc, Total | 190 | 46.1 | 154 | **0** | Q | - | - | 75-125 | - | 20 |
| Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1962895-3 QC Sample: L2448023-01 Client ID: LAGOON-SW-NE-7 | | | | | | | | | | |
| Mercury, Total | 2.45 | 1.53 | 3.13 | **44** | Q | - | - | 80-120 | - | 20 |

# Lab Duplicate Analysis
*Batch Quality Control*

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

***Lab Number:*** L2448023
***Report Date:*** 08/23/24

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1962894-4 QC Sample: L2448023-01 Client ID: LAGOON-SW-NE-7 | | | | | | |
| Aluminum, Total | 8720 | 8560 | mg/kg | 2 | | 20 |
| Antimony, Total | 0.563J | 1.02J | mg/kg | NC | | 20 |
| Arsenic, Total | 4.50 | 4.68 | mg/kg | 4 | | 20 |
| Barium, Total | 99.2 | 112 | mg/kg | 12 | | 20 |
| Beryllium, Total | 0.498 | 0.469 | mg/kg | 6 | | 20 |
| Cadmium, Total | 0.285J | 0.776J | mg/kg | NC | | 20 |
| Calcium, Total | 44800 | 38900 | mg/kg | 14 | | 20 |
| Chromium, Total | 20.2 | 35.6 | mg/kg | **55** | Q | 20 |
| Cobalt, Total | 7.90 | 7.98 | mg/kg | 1 | | 20 |
| Copper, Total | 18.3 | 21.1 | mg/kg | 14 | | 20 |
| Iron, Total | 15800 | 14000 | mg/kg | 12 | | 20 |
| Lead, Total | 93.9 | 250 | mg/kg | **91** | Q | 20 |
| Magnesium, Total | 12900 | 14400 | mg/kg | 11 | | 20 |
| Manganese, Total | 541 | 345 | mg/kg | **44** | Q | 20 |
| Nickel, Total | 16.1 | 16.0 | mg/kg | 1 | | 20 |
| Potassium, Total | 1040 | 938 | mg/kg | 10 | | 20 |
| Selenium, Total | ND | ND | mg/kg | NC | | 20 |
| Silver, Total | ND | ND | mg/kg | NC | | 20 |
| Sodium, Total | 166J | 138J | mg/kg | NC | | 20 |

# Lab Duplicate Analysis
*Batch Quality Control*

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

***Lab Number:*** L2448023
***Report Date:*** 08/23/24

| Parameter | Native Sample | Duplicate Sample | Units | RPD | | RPD Limits |
|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1962894-4 QC Sample: L2448023-01 Client ID: LAGOON-SW-NE-7 | | | | | | |
| Thallium, Total | ND | ND | mg/kg | NC | | 20 |
| Vanadium, Total | 18.3 | 17.2 | mg/kg | 6 | | 20 |
| Zinc, Total | 190 | 357 | mg/kg | **61** | Q | 20 |
| Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1962895-4 QC Sample: L2448023-01 Client ID: LAGOON-SW-NE-7 | | | | | | |
| Mercury, Total | 2.45 | 2.51 | mg/kg | 2 | | 20 |

# INORGANICS
# &
# MISCELLANEOUS

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2448023
**Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-01
Client ID: LAGOON-SW-NE-7
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/22/24 09:45
Date Received: 08/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 83.8 | | % | 0.100 | NA | 1 | - | 08/23/24 03:38 | 121,2540G | MAA |
| Cyanide, Total | 0.32 | J | mg/kg | 1.2 | 0.24 | 1 | 08/23/24 13:00 | 08/23/24 16:40 | 1,9010C/9012B | JER |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2448023
**Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-02
Client ID: LAGOON-SW-N2-08
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/22/24 11:40
Date Received: 08/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 87.1 | | % | 0.100 | NA | 1 | - | 08/23/24 03:38 | 121,2540G | MAA |
| Cyanide, Total | 0.42 | J | mg/kg | 1.1 | 0.24 | 1 | 08/23/24 13:00 | 08/23/24 16:41 | 1,9010C/9012B | JER |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2448023
**Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-03
Client ID: LAGOON-SW-S2-6.5
Sample Location: 2266 MILITARY RD., TONAWANDA, NY

Date Collected: 08/22/24 11:30
Date Received: 08/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 82.0 | | % | 0.100 | NA | 1 | - | 08/23/24 03:38 | 121,2540G | MAA |
| Cyanide, Total | ND | | mg/kg | 1.2 | 0.25 | 1 | 08/23/24 13:00 | 08/23/24 16:42 | 1,9010C/9012B | JER |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002
**Lab Number:** L2448023
**Report Date:** 08/23/24

## SAMPLE RESULTS

Lab ID: L2448023-04
Client ID: BASE-03-07
Sample Location: 2266 MILITARY RD., TONAWANDA, NY
Sample Depth:
Matrix: Soil
Date Collected: 08/22/24 11:10
Date Received: 08/22/24
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 87.7 | | % | 0.100 | NA | 1 | - | 08/23/24 03:38 | 121,2540G | MAA |
| Cyanide, Total | ND | | mg/kg | 1.1 | 0.24 | 1 | 08/23/24 13:00 | 08/23/24 16:43 | 1,9010C/9012B | JER |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2448023

**Project Number:** 100.002 **Report Date:** 08/23/24

# Method Blank Analysis
## Batch Quality Control

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab for sample(s): 01-04 Batch: WG1963104-1 | | | | | | | | | | |
| Cyanide, Total | ND | | mg/kg | 0.91 | 0.19 | 1 | 08/23/24 13:00 | 08/23/24 16:09 | 1,9010C/9012B | JER |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2448023

**Report Date:** 08/23/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01-04 Batch: WG1963104-2 WG1963104-3 | | | | | | | | |
| Cyanide, Total | 90 | | 96 | | 80-120 | 8 | | 35 |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2448023
**Report Date:** 08/23/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1963104-4 WG1963104-5 QC Sample: L2447204-01 Client ID: MS Sample | | | | | | | | | | | | |
| Cyanide, Total | ND | 11 | 11 | 100 | | 11 | 100 | | 75-125 | 0 | | 35 |

# Lab Duplicate Analysis

***Batch Quality Control***

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

***Lab Number:*** L2448023

***Report Date:*** 08/23/24

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1962876-1 QC Sample: L2448014-01 Client ID: DUP Sample | | | | | | |
| Solids, Total | 92.2 | 91.0 | % | 1 | | 20 |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2448023
**Report Date:** 08/23/24

## Sample Receipt and Container Information

Were project specific reporting limits specified? YES

### Cooler Information

| Cooler | Custody Seal |
|---|---|
| A | Absent |

### Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2448023-01A | Vial Large Septa unpreserved (4oz) | A | NA | | 2.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2448023-01B | Glass 60ml unpreserved split | A | NA | | 2.3 | Y | Absent | | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180) |
| L2448023-01C | Vial Large Septa unpreserved (4oz) | A | NA | | 2.3 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2448023-01X | Vial MeOH preserved split | A | NA | | 2.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2448023-01Y | Vial Water preserved split | A | NA | | 2.3 | Y | Absent | 23-AUG-24 08:01 | NYTCL-8260-R2(14) |
| L2448023-01Z | Vial Water preserved split | A | NA | | 2.3 | Y | Absent | 23-AUG-24 08:01 | NYTCL-8260-R2(14) |
| L2448023-02A | Vial Large Septa unpreserved (4oz) | A | NA | | 2.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2448023-02B | Glass 60ml unpreserved split | A | NA | | 2.3 | Y | Absent | | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180) |
| L2448023-02C | Vial Large Septa unpreserved (4oz) | A | NA | | 2.3 | Y | Absent | | NYTCL-8270(14),TCN-9010(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2448023-02X | Vial MeOH preserved split | A | NA | | 2.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2448023-02Y | Vial Water preserved split | A | NA | | 2.3 | Y | Absent | 23-AUG-24 08:01 | NYTCL-8260-R2(14) |
| L2448023-02Z | Vial Water preserved split | A | NA | | 2.3 | Y | Absent | 23-AUG-24 08:01 | NYTCL-8260-R2(14) |
| L2448023-03A | Vial Large Septa unpreserved (4oz) | A | NA | | 2.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2448023-03B | Glass 60ml unpreserved split | A | NA | | 2.3 | Y | Absent | | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180) |



*Values in parentheses indicate holding time in days

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2448023
**Report Date:** 08/23/24

## Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2448023-03C | Vial Large Septa unpreserved (4oz) | A | NA | | 2.3 | Y | Absent | | NYTCL-8270(14),TCN-9010(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2448023-03X | Vial MeOH preserved split | A | NA | | 2.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2448023-03Y | Vial Water preserved split | A | NA | | 2.3 | Y | Absent | 23-AUG-24 08:01 | NYTCL-8260-R2(14) |
| L2448023-03Z | Vial Water preserved split | A | NA | | 2.3 | Y | Absent | 23-AUG-24 08:01 | NYTCL-8260-R2(14) |
| L2448023-04A | Vial Large Septa unpreserved (4oz) | A | NA | | 2.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2448023-04B | Glass 60ml unpreserved split | A | NA | | 2.3 | Y | Absent | | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MN-TI(180),MG-TI(180),HG-T(28),FE-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180) |
| L2448023-04C | Vial Large Septa unpreserved (4oz) | A | NA | | 2.3 | Y | Absent | | NYTCL-8270(14),TCN-9010(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2448023-04X | Vial MeOH preserved split | A | NA | | 2.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2448023-04Y | Vial Water preserved split | A | NA | | 2.3 | Y | Absent | 23-AUG-24 08:01 | NYTCL-8260-R2(14) |
| L2448023-04Z | Vial Water preserved split | A | NA | | 2.3 | Y | Absent | 23-AUG-24 08:01 | NYTCL-8260-R2(14) |



*Values in parentheses indicate holding time in days

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2448023 |
| **Project Number:** | 100.002 | **Report Date:** | 08/23/24 |

## GLOSSARY

***Acronyms***

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

*Report Format: DU Report with 'J' Qualifiers*

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2448023 |
| **Project Number:** | 100.002 | **Report Date:** | 08/23/24 |

***Footnotes***

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

***Terms***

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

***Data Qualifiers***

**A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

**B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

**C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

**D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

**E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

**F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

**G** - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

**H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

**I** - The lower value for the two columns has been reported due to obvious interference.

**J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

*Report Format: DU Report with 'J' Qualifiers*

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2448023 |
| **Project Number:** | 100.002 | **Report Date:** | 08/23/24 |

***Data Qualifiers***

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

**M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

**ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

**NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

**P** - The RPD between the results for the two columns exceeds the method-specified criteria.

**Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

**R** - Analytical results are from sample re-analysis.

**RE** - Analytical results are from sample re-extraction.

**S** - Analytical results are from modified screening analysis.

**V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

**Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2448023 |
| **Project Number:** | 100.002 | **Report Date:** | 08/23/24 |

## REFERENCES


1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.


## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

# Certification Information

**The following analytes are not included in our Primary NELAP Scope of Accreditation:**

**Westborough Facility**
**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene
**EPA 625.1:** alpha-Terpineol
**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
**EPA 8270E:** NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
**SM4500**: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

**Mansfield Facility**
**SM 2540D:** TSS.
**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
**Nonpotable Water: EPA RSK-175 Dissolved Gases**
**Biological Tissue Matrix:** EPA 3050B

**The following analytes are included in our Massachusetts DEP Scope of Accreditation**

**Westborough Facility:**

***Drinking Water***
**EPA 300.0**: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
**EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
**Microbiology**: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

***Non-Potable Water***
**SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
**EPA 624.1**: Volatile Halocarbons & Aromatics,
**EPA 608.3**: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
**EPA 625.1**: SVOC (Acid/Base/Neutral Extractables).
**Microbiology**: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

**Mansfield Facility:**

***Drinking Water***
**EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
**EPA 522, EPA 537.1.**

***Non-Potable Water***
**EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
**EPA 200.8:** Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
**EPA 245.1** Hg.
**SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA

# NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

**Service Centers**
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 08/22/24

ALPHA Job #: L2448023

**Client Information**
Client: marsh / leader
Address: 271 marsh Rd suite 2
Pittsford, NY 14534
Phone: 585-248-2413
Fax:
Email: BAhrens@leaderlink.com

**Project Information**
Project Name: Bisonite paint CO.
Project Location: 2216 military Rd
Project #: 100.002
(Use Project name as Project #)
Project Manager: Bruce ahrens
ALPHAQuote #:

**Turn-Around Time**
Standard
Rush (only if pre approved): X
Due Date:
# of Days: 1 DAY TAT

**Deliverables**
ASP-A / ASP-B / EQuIS (1 File) / EQuIS (4 File) / Other

**Billing Information**
X Same as Client Info
PO #

**Regulatory Requirement**
NY TOGS / NY Part 375 / AWQ Standards / NY CP-51 / NY Restricted Use / Other / NY Unrestricted Use / NYC Sewer Discharge

**Disposal Site Information**
Please identify below location of applicable disposal facilities.
Disposal Facility: NJ / X NY / Other:

These samples have been previously analyzed by Alpha

**Other project specific requirements/comments:**
cc: espirito@leaderlink.com

**Please specify Metals or TAL.**

**ANALYSIS**

**Sample Filtration**
Done
X Lab to do
**Preservation**
Lab to do
*(Please Specify below)*

| ALPHA Lab ID (Lab Use Only) | Sample ID | Collection Date | Collection Time | Sample Matrix | Sampler's Initials | TCL VOCs | TCL SVOCs | TAL Metals, Mercury, Cyanide | TCL Herbicides | TCL Pesticides | PCBs | Sample Specific Comments | Bottle Info |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L2448023-01 | lagoon-SW-NE-7 | 8/22/24 | 09:45 | Soil | CS | X | X | X | X | X | X | | 2 |
| -02 | lagoon-SW-N2-08 | 8/22/24 | 11:40 | Soil | CS | X | X | X | X | X | X | | 2 |
| -03 | lagoon-SW-S2-6.5 | 8/22/24 | 11:30 | Soil | CS | X | X | X | X | X | X | | 2 |
| -04 | Base-03-07 | 8/22/24 | 11:10 | Soil | CS | X | X | X | X | X | X | | 2 |

Preservative Code: A = None; B = HCl; C = $HNO_3$; D = $H_2SO_4$; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Container Type | A | | | | | | | | |
| Preservative | A | | | | | | | | |

| Relinquished By: | Date/Time | Received By: | Date/Time |
|---|---|---|---|
| [signature] | 8/22/24 14:00 | [signature] (PACE) | 8/22/24 14:00 |
| [signature] (PACE) | 8/22/24 14:00 | Buffalo Service Center | 8/22/24 14:00 |
| [signature] | 8-22-24 16:26 | [signature] | 8-22-24 |
| [signature] | 8-22-24 0200 | [signature] | 8/23/24 0200 |

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

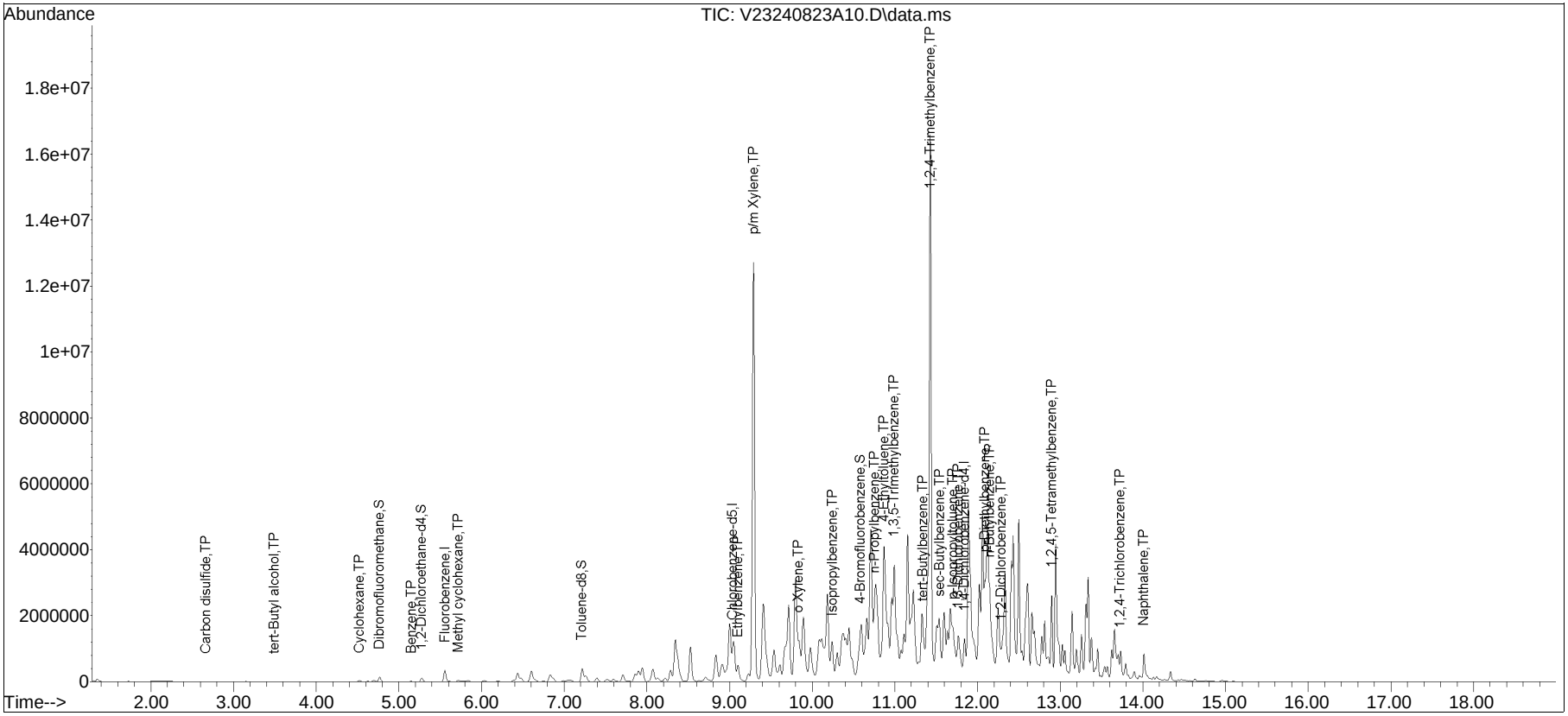
Form No: 01-25 HC (rev. 30-Sept-2013)

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2024\240823A\
Data File : V23240823A10.D
Acq On : 23 Aug 2024 11:29 am
Operator : VOA123:AJK
Sample : L2448023-03,31H,6.31,5,0.100,,X
Misc : WG1963173,ICAL21195
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 23 14:22:34 2024
Quant Method : K:\VOA123\2024\240823A\V123_240613N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jun 14 13:51:37 2024
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox23A01.D•



# ANALYTICAL REPORT

| | |
|---|---|
| Lab Number: | L2451069 |
| Client: | Leader Professional Services, Inc.<br>271 Marsh Road, Suite 2<br>Pittsford, NY 14534 |
| ATTN: | Bruce Ahrens |
| Phone: | (585) 248-2413 |
| Project Name: | BISONITE PAINT CO. |
| Project Number: | 100.002 |
| Report Date: | 09/16/24 |

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2451069
**Report Date:** 09/16/24

| Alpha Sample ID | Client ID | Matrix | Sample Location | Collection Date/Time | Receive Date |
|---|---|---|---|---|---|
| L2451069-01 | LAGOON-SW-N3-8.5 | SOIL | TONAWANDA,NY | 09/05/24 08:30 | 09/06/24 |
| L2451069-02 | LAGOON-SW-N4-8.5 | SOIL | TONAWANDA,NY | 09/05/24 08:35 | 09/06/24 |
| L2451069-03 | LAGOON-SW-S3-08 | SOIL | TONAWANDA,NY | 09/05/24 08:40 | 09/06/24 |
| L2451069-04 | LAGOON-SW-S4-08 | SOIL | TONAWANDA,NY | 09/05/24 08:45 | 09/06/24 |
| L2451069-05 | BASE-04-09 | SOIL | TONAWANDA,NY | 09/05/24 08:50 | 09/06/24 |

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2451069 |
| **Project Number:** | 100.002 | **Report Date:** | 09/16/24 |

## Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069
**Project Number:** 100.002 **Report Date:** 09/16/24

**Case Narrative (continued)**

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2451069-01, -02, -03, -04, and -05: Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Total Metals

L2451069-01 through -05: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

Cyanide, Total

The WG1970455-3 LCSD recovery for cyanide, total (78%), associated with L2451069-01, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Caitlin Walukevich

Title: Technical Director/Representative Date: 09/16/24

# ORGANICS

# VOLATILES

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-01
Client ID: LAGOON-SW-N3-8.5
Sample Location: TONAWANDA,NY

Date Collected: 09/05/24 08:30
Date Received: 09/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/13/24 14:04
Analyst: LAC
Percent Solids: 90%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 5.5 | 2.5 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.1 | 0.16 | 1 |
| Chloroform | ND | | ug/kg | 1.6 | 0.15 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.1 | 0.25 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.1 | 0.14 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.1 | 0.15 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.1 | 0.29 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.55 | 0.22 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.55 | 0.14 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 4.4 | 0.76 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.1 | 0.28 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.55 | 0.18 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.55 | 0.12 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.1 | 0.30 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.55 | 0.17 | 1 |
| Bromoform | ND | | ug/kg | 4.4 | 0.27 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.55 | 0.18 | 1 |
| Benzene | ND | | ug/kg | 0.55 | 0.18 | 1 |
| Toluene | ND | | ug/kg | 1.1 | 0.60 | 1 |
| Ethylbenzene | 0.16 | J | ug/kg | 1.1 | 0.15 | 1 |
| Chloromethane | ND | | ug/kg | 4.4 | 1.0 | 1 |
| Bromomethane | ND | | ug/kg | 2.2 | 0.64 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.1 | 0.37 | 1 |
| Chloroethane | ND | | ug/kg | 2.2 | 0.50 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.1 | 0.26 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.6 | 0.15 | 1 |
| Trichloroethene | ND | | ug/kg | 0.55 | 0.15 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.2 | 0.16 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-01 Date Collected: 09/05/24 08:30

Client ID: LAGOON-SW-N3-8.5 Date Received: 09/06/24

Sample Location: TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.2 | 0.16 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.2 | 0.19 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.2 | 0.22 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.2 | 0.61 | 1 |
| o-Xylene | ND | | ug/kg | 1.1 | 0.32 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.1 | 0.19 | 1 |
| Styrene | ND | | ug/kg | 1.1 | 0.22 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 11 | 1.0 | 1 |
| Acetone | 81 | | ug/kg | 11 | 5.3 | 1 |
| Carbon disulfide | ND | | ug/kg | 11 | 5.0 | 1 |
| 2-Butanone | 4.8 | J | ug/kg | 11 | 2.4 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 11 | 1.4 | 1 |
| 2-Hexanone | ND | | ug/kg | 11 | 1.3 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.2 | 0.22 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.1 | 0.31 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.3 | 1.1 | 1 |
| Isopropylbenzene | 0.26 | J | ug/kg | 1.1 | 0.12 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.2 | 0.35 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.2 | 0.30 | 1 |
| Methyl Acetate | ND | | ug/kg | 4.4 | 1.0 | 1 |
| Cyclohexane | ND | | ug/kg | 11 | 0.60 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 88 | 38. | 1 |
| Freon-113 | ND | | ug/kg | 4.4 | 0.76 | 1 |
| Methyl cyclohexane | ND | | ug/kg | 4.4 | 0.66 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 111 | | 70-130 |
| Toluene-d8 | 92 | | 70-130 |
| 4-Bromofluorobenzene | 89 | | 70-130 |
| Dibromofluoromethane | 105 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

**SAMPLE RESULTS**

Lab ID: L2451069-02 Date Collected: 09/05/24 08:35
Client ID: LAGOON-SW-N4-8.5 Date Received: 09/06/24
Sample Location: TONAWANDA,NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/12/24 15:04
Analyst: JIC
Percent Solids: 77%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 400 | 180 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 79 | 11. | 1 |
| Chloroform | ND | | ug/kg | 120 | 11. | 1 |
| Carbon tetrachloride | ND | | ug/kg | 79 | 18. | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 79 | 9.9 | 1 |
| Dibromochloromethane | ND | | ug/kg | 79 | 11. | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 79 | 21. | 1 |
| Tetrachloroethene | ND | | ug/kg | 40 | 15. | 1 |
| Chlorobenzene | ND | | ug/kg | 40 | 10. | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 320 | 55. | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 79 | 20. | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 40 | 13. | 1 |
| Bromodichloromethane | ND | | ug/kg | 40 | 8.6 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 79 | 22. | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 40 | 12. | 1 |
| Bromoform | ND | | ug/kg | 320 | 19. | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 40 | 13. | 1 |
| Benzene | 17 | J | ug/kg | 40 | 13. | 1 |
| Toluene | 16000 | | ug/kg | 79 | 43. | 1 |
| Ethylbenzene | 11000 | | ug/kg | 79 | 11. | 1 |
| Chloromethane | ND | | ug/kg | 320 | 74. | 1 |
| Bromomethane | ND | | ug/kg | 160 | 46. | 1 |
| Vinyl chloride | ND | | ug/kg | 79 | 26. | 1 |
| Chloroethane | ND | | ug/kg | 160 | 36. | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 79 | 19. | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 120 | 11. | 1 |
| Trichloroethene | ND | | ug/kg | 40 | 11. | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 160 | 11. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-02 Date Collected: 09/05/24 08:35

Client ID: LAGOON-SW-N4-8.5 Date Received: 09/06/24

Sample Location: TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 160 | 12. | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 160 | 14. | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 160 | 16. | 1 |
| p/m-Xylene | 43000 | | ug/kg | 160 | 44. | 1 |
| o-Xylene | 13000 | | ug/kg | 79 | 23. | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 79 | 14. | 1 |
| Styrene | ND | | ug/kg | 79 | 15. | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 790 | 72. | 1 |
| Acetone | 570 | J | ug/kg | 790 | 380 | 1 |
| Carbon disulfide | ND | | ug/kg | 790 | 360 | 1 |
| 2-Butanone | ND | | ug/kg | 790 | 180 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 790 | 100 | 1 |
| 2-Hexanone | ND | | ug/kg | 790 | 93. | 1 |
| Bromochloromethane | ND | | ug/kg | 160 | 16. | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 79 | 22. | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 240 | 79. | 1 |
| Isopropylbenzene | 950 | | ug/kg | 79 | 8.6 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 160 | 25. | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 160 | 21. | 1 |
| Methyl Acetate | 95 | J | ug/kg | 320 | 75. | 1 |
| Cyclohexane | ND | | ug/kg | 790 | 43. | 1 |
| 1,4-Dioxane | ND | | ug/kg | 6300 | 2800 | 1 |
| Freon-113 | ND | | ug/kg | 320 | 55. | 1 |
| Methyl cyclohexane | ND | | ug/kg | 320 | 48. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 93 | | 70-130 |
| Toluene-d8 | 101 | | 70-130 |
| 4-Bromofluorobenzene | 115 | | 70-130 |
| Dibromofluoromethane | 99 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

**SAMPLE RESULTS**

Lab ID: L2451069-03 Date Collected: 09/05/24 08:40
Client ID: LAGOON-SW-S3-08 Date Received: 09/06/24
Sample Location: TONAWANDA,NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/13/24 14:30
Analyst: LAC
Percent Solids: 87%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 5.2 | 2.4 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.0 | 0.15 | 1 |
| Chloroform | ND | | ug/kg | 1.6 | 0.15 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.0 | 0.24 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.0 | 0.13 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.0 | 0.15 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.0 | 0.28 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.52 | 0.20 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.52 | 0.13 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 4.2 | 0.72 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.0 | 0.27 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.52 | 0.17 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.52 | 0.11 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.0 | 0.28 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.52 | 0.16 | 1 |
| Bromoform | ND | | ug/kg | 4.2 | 0.26 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.52 | 0.17 | 1 |
| Benzene | ND | | ug/kg | 0.52 | 0.17 | 1 |
| Toluene | ND | | ug/kg | 1.0 | 0.57 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.0 | 0.15 | 1 |
| Chloromethane | ND | | ug/kg | 4.2 | 0.97 | 1 |
| Bromomethane | ND | | ug/kg | 2.1 | 0.61 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.0 | 0.35 | 1 |
| Chloroethane | ND | | ug/kg | 2.1 | 0.47 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.0 | 0.25 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.6 | 0.14 | 1 |
| Trichloroethene | ND | | ug/kg | 0.52 | 0.14 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.1 | 0.15 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-03 Date Collected: 09/05/24 08:40

Client ID: LAGOON-SW-S3-08 Date Received: 09/06/24

Sample Location: TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.1 | 0.15 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.1 | 0.18 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.1 | 0.21 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.1 | 0.58 | 1 |
| o-Xylene | ND | | ug/kg | 1.0 | 0.30 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.0 | 0.18 | 1 |
| Styrene | ND | | ug/kg | 1.0 | 0.20 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 10 | 0.96 | 1 |
| Acetone | 72 | | ug/kg | 10 | 5.0 | 1 |
| Carbon disulfide | ND | | ug/kg | 10 | 4.7 | 1 |
| 2-Butanone | 14 | | ug/kg | 10 | 2.3 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 10 | 1.3 | 1 |
| 2-Hexanone | ND | | ug/kg | 10 | 1.2 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.1 | 0.21 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.0 | 0.29 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.1 | 1.0 | 1 |
| Isopropylbenzene | 0.51 | J | ug/kg | 1.0 | 0.11 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.1 | 0.34 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.1 | 0.28 | 1 |
| Methyl Acetate | ND | | ug/kg | 4.2 | 0.99 | 1 |
| Cyclohexane | ND | | ug/kg | 10 | 0.57 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 84 | 37. | 1 |
| Freon-113 | ND | | ug/kg | 4.2 | 0.72 | 1 |
| Methyl cyclohexane | ND | | ug/kg | 4.2 | 0.63 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 113 | | 70-130 |
| Toluene-d8 | 96 | | 70-130 |
| 4-Bromofluorobenzene | 89 | | 70-130 |
| Dibromofluoromethane | 108 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

**SAMPLE RESULTS**

Lab ID: L2451069-04 Date Collected: 09/05/24 08:45
Client ID: LAGOON-SW-S4-08 Date Received: 09/06/24
Sample Location: TONAWANDA,NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/13/24 14:56
Analyst: LAC
Percent Solids: 85%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 5.9 | 2.7 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.2 | 0.17 | 1 |
| Chloroform | ND | | ug/kg | 1.8 | 0.16 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.2 | 0.27 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.2 | 0.15 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.2 | 0.16 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.2 | 0.32 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.59 | 0.23 | 1 |
| Chlorobenzene | 1.8 | | ug/kg | 0.59 | 0.15 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 4.7 | 0.82 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.2 | 0.30 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.59 | 0.20 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.59 | 0.13 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.2 | 0.32 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.59 | 0.19 | 1 |
| Bromoform | ND | | ug/kg | 4.7 | 0.29 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.59 | 0.20 | 1 |
| Benzene | ND | | ug/kg | 0.59 | 0.20 | 1 |
| Toluene | 0.78 | J | ug/kg | 1.2 | 0.64 | 1 |
| Ethylbenzene | 0.18 | J | ug/kg | 1.2 | 0.17 | 1 |
| Chloromethane | ND | | ug/kg | 4.7 | 1.1 | 1 |
| Bromomethane | ND | | ug/kg | 2.4 | 0.69 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.2 | 0.40 | 1 |
| Chloroethane | ND | | ug/kg | 2.4 | 0.53 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.2 | 0.28 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.8 | 0.16 | 1 |
| Trichloroethene | ND | | ug/kg | 0.59 | 0.16 | 1 |
| 1,2-Dichlorobenzene | 0.43 | J | ug/kg | 2.4 | 0.17 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-04 Date Collected: 09/05/24 08:45

Client ID: LAGOON-SW-S4-08 Date Received: 09/06/24

Sample Location: TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.4 | 0.17 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.4 | 0.20 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.4 | 0.24 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.4 | 0.66 | 1 |
| o-Xylene | ND | | ug/kg | 1.2 | 0.34 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.2 | 0.21 | 1 |
| Styrene | ND | | ug/kg | 1.2 | 0.23 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 12 | 1.1 | 1 |
| Acetone | 89 | | ug/kg | 12 | 5.7 | 1 |
| Carbon disulfide | ND | | ug/kg | 12 | 5.4 | 1 |
| 2-Butanone | 4.9 | J | ug/kg | 12 | 2.6 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 12 | 1.5 | 1 |
| 2-Hexanone | ND | | ug/kg | 12 | 1.4 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.4 | 0.24 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.2 | 0.33 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.5 | 1.2 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.2 | 0.13 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.4 | 0.38 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.4 | 0.32 | 1 |
| Methyl Acetate | ND | | ug/kg | 4.7 | 1.1 | 1 |
| Cyclohexane | ND | | ug/kg | 12 | 0.64 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 94 | 41. | 1 |
| Freon-113 | ND | | ug/kg | 4.7 | 0.82 | 1 |
| Methyl cyclohexane | ND | | ug/kg | 4.7 | 0.71 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 109 | | 70-130 |
| Toluene-d8 | 94 | | 70-130 |
| 4-Bromofluorobenzene | 75 | | 70-130 |
| Dibromofluoromethane | 102 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

**SAMPLE RESULTS**

Lab ID: L2451069-05 Date Collected: 09/05/24 08:50
Client ID: BASE-04-09 Date Received: 09/06/24
Sample Location: TONAWANDA,NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/13/24 15:22
Analyst: LAC
Percent Solids: 91%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 4.7 | 2.2 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 0.94 | 0.14 | 1 |
| Chloroform | ND | | ug/kg | 1.4 | 0.13 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 0.94 | 0.22 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 0.94 | 0.12 | 1 |
| Dibromochloromethane | ND | | ug/kg | 0.94 | 0.13 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 0.94 | 0.25 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.47 | 0.18 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.47 | 0.12 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 3.8 | 0.65 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 0.94 | 0.24 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.47 | 0.16 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.47 | 0.10 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 0.94 | 0.26 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.47 | 0.15 | 1 |
| Bromoform | ND | | ug/kg | 3.8 | 0.23 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.47 | 0.16 | 1 |
| Benzene | ND | | ug/kg | 0.47 | 0.16 | 1 |
| Toluene | ND | | ug/kg | 0.94 | 0.51 | 1 |
| Ethylbenzene | 0.34 | J | ug/kg | 0.94 | 0.13 | 1 |
| Chloromethane | ND | | ug/kg | 3.8 | 0.88 | 1 |
| Bromomethane | ND | | ug/kg | 1.9 | 0.55 | 1 |
| Vinyl chloride | ND | | ug/kg | 0.94 | 0.32 | 1 |
| Chloroethane | ND | | ug/kg | 1.9 | 0.42 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 0.94 | 0.22 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.4 | 0.13 | 1 |
| Trichloroethene | ND | | ug/kg | 0.47 | 0.13 | 1 |
| 1,2-Dichlorobenzene | 0.34 | J | ug/kg | 1.9 | 0.14 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-05 Date Collected: 09/05/24 08:50

Client ID: BASE-04-09 Date Received: 09/06/24

Sample Location: TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 1.9 | 0.14 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 1.9 | 0.16 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 1.9 | 0.19 | 1 |
| p/m-Xylene | 2.3 | | ug/kg | 1.9 | 0.53 | 1 |
| o-Xylene | ND | | ug/kg | 0.94 | 0.27 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 0.94 | 0.16 | 1 |
| Styrene | ND | | ug/kg | 0.94 | 0.18 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 9.4 | 0.86 | 1 |
| Acetone | 66 | | ug/kg | 9.4 | 4.5 | 1 |
| Carbon disulfide | ND | | ug/kg | 9.4 | 4.3 | 1 |
| 2-Butanone | 5.2 | J | ug/kg | 9.4 | 2.1 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 9.4 | 1.2 | 1 |
| 2-Hexanone | ND | | ug/kg | 9.4 | 1.1 | 1 |
| Bromochloromethane | ND | | ug/kg | 1.9 | 0.19 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 0.94 | 0.26 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 2.8 | 0.94 | 1 |
| Isopropylbenzene | 0.25 | J | ug/kg | 0.94 | 0.10 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 1.9 | 0.30 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 1.9 | 0.26 | 1 |
| Methyl Acetate | ND | | ug/kg | 3.8 | 0.90 | 1 |
| Cyclohexane | ND | | ug/kg | 9.4 | 0.51 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 75 | 33. | 1 |
| Freon-113 | ND | | ug/kg | 3.8 | 0.65 | 1 |
| Methyl cyclohexane | ND | | ug/kg | 3.8 | 0.57 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 113 | | 70-130 |
| Toluene-d8 | 93 | | 70-130 |
| 4-Bromofluorobenzene | 81 | | 70-130 |
| Dibromofluoromethane | 106 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/12/24 09:08
Analyst: LAC

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1971369-5 | | | | | |
| Methylene chloride | ND | | ug/kg | 250 | 110 |
| 1,1-Dichloroethane | ND | | ug/kg | 50 | 7.2 |
| Chloroform | ND | | ug/kg | 75 | 7.0 |
| Carbon tetrachloride | ND | | ug/kg | 50 | 12. |
| 1,2-Dichloropropane | ND | | ug/kg | 50 | 6.2 |
| Dibromochloromethane | ND | | ug/kg | 50 | 7.0 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 50 | 13. |
| Tetrachloroethene | ND | | ug/kg | 25 | 9.8 |
| Chlorobenzene | ND | | ug/kg | 25 | 6.4 |
| Trichlorofluoromethane | ND | | ug/kg | 200 | 35. |
| 1,2-Dichloroethane | ND | | ug/kg | 50 | 13. |
| 1,1,1-Trichloroethane | ND | | ug/kg | 25 | 8.4 |
| Bromodichloromethane | ND | | ug/kg | 25 | 5.4 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 50 | 14. |
| cis-1,3-Dichloropropene | ND | | ug/kg | 25 | 7.9 |
| Bromoform | ND | | ug/kg | 200 | 12. |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 25 | 8.3 |
| Benzene | ND | | ug/kg | 25 | 8.3 |
| Toluene | ND | | ug/kg | 50 | 27. |
| Ethylbenzene | ND | | ug/kg | 50 | 7.0 |
| Chloromethane | ND | | ug/kg | 200 | 47. |
| Bromomethane | ND | | ug/kg | 100 | 29. |
| Vinyl chloride | ND | | ug/kg | 50 | 17. |
| Chloroethane | ND | | ug/kg | 100 | 23. |
| 1,1-Dichloroethene | ND | | ug/kg | 50 | 12. |
| trans-1,2-Dichloroethene | ND | | ug/kg | 75 | 6.8 |
| Trichloroethene | ND | | ug/kg | 25 | 6.8 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 100 | 7.2 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 100 | 7.4 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/12/24 09:08
Analyst: LAC

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1971369-5 | | | | | |
| 1,4-Dichlorobenzene | ND | | ug/kg | 100 | 8.6 |
| Methyl tert butyl ether | ND | | ug/kg | 100 | 10. |
| p/m-Xylene | ND | | ug/kg | 100 | 28. |
| o-Xylene | ND | | ug/kg | 50 | 14. |
| cis-1,2-Dichloroethene | ND | | ug/kg | 50 | 8.8 |
| Styrene | 32 | J | ug/kg | 50 | 9.8 |
| Dichlorodifluoromethane | ND | | ug/kg | 500 | 46. |
| Acetone | ND | | ug/kg | 500 | 240 |
| Carbon disulfide | ND | | ug/kg | 500 | 230 |
| 2-Butanone | ND | | ug/kg | 500 | 110 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 500 | 64. |
| 2-Hexanone | ND | | ug/kg | 500 | 59. |
| Bromochloromethane | ND | | ug/kg | 100 | 10. |
| 1,2-Dibromoethane | ND | | ug/kg | 50 | 14. |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 150 | 50. |
| Isopropylbenzene | ND | | ug/kg | 50 | 5.4 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 100 | 16. |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 100 | 14. |
| Methyl Acetate | ND | | ug/kg | 200 | 48. |
| Cyclohexane | ND | | ug/kg | 500 | 27. |
| 1,4-Dioxane | ND | | ug/kg | 4000 | 1800 |
| Freon-113 | ND | | ug/kg | 200 | 35. |
| Methyl cyclohexane | ND | | ug/kg | 200 | 30. |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/12/24 09:08
Analyst: LAC

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1971369-5 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 90 | | 70-130 |
| Toluene-d8 | 99 | | 70-130 |
| 4-Bromofluorobenzene | 100 | | 70-130 |
| Dibromofluoromethane | 100 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/13/24 11:28
Analyst: LAC

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-05 Batch: WG1971495-5 | | | | | |
| Methylene chloride | ND | | ug/kg | 5.0 | 2.3 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.0 | 0.14 |
| Chloroform | ND | | ug/kg | 1.5 | 0.14 |
| Carbon tetrachloride | ND | | ug/kg | 1.0 | 0.23 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.0 | 0.12 |
| Dibromochloromethane | ND | | ug/kg | 1.0 | 0.14 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.0 | 0.27 |
| Tetrachloroethene | ND | | ug/kg | 0.50 | 0.20 |
| Chlorobenzene | ND | | ug/kg | 0.50 | 0.13 |
| Trichlorofluoromethane | ND | | ug/kg | 4.0 | 0.70 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.0 | 0.26 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.50 | 0.17 |
| Bromodichloromethane | ND | | ug/kg | 0.50 | 0.11 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.0 | 0.27 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.50 | 0.16 |
| Bromoform | ND | | ug/kg | 4.0 | 0.25 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.50 | 0.17 |
| Benzene | ND | | ug/kg | 0.50 | 0.17 |
| Toluene | ND | | ug/kg | 1.0 | 0.54 |
| Ethylbenzene | ND | | ug/kg | 1.0 | 0.14 |
| Chloromethane | ND | | ug/kg | 4.0 | 0.93 |
| Bromomethane | ND | | ug/kg | 2.0 | 0.58 |
| Vinyl chloride | ND | | ug/kg | 1.0 | 0.34 |
| Chloroethane | ND | | ug/kg | 2.0 | 0.45 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.0 | 0.24 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.5 | 0.14 |
| Trichloroethene | ND | | ug/kg | 0.50 | 0.14 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.14 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.15 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/13/24 11:28
Analyst: LAC

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-05 Batch: WG1971495-5 | | | | | |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.17 |
| Methyl tert butyl ether | ND | | ug/kg | 2.0 | 0.20 |
| p/m-Xylene | ND | | ug/kg | 2.0 | 0.56 |
| o-Xylene | ND | | ug/kg | 1.0 | 0.29 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.0 | 0.18 |
| Styrene | ND | | ug/kg | 1.0 | 0.20 |
| Dichlorodifluoromethane | ND | | ug/kg | 10 | 0.92 |
| Acetone | ND | | ug/kg | 10 | 4.8 |
| Carbon disulfide | ND | | ug/kg | 10 | 4.6 |
| 2-Butanone | ND | | ug/kg | 10 | 2.2 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 10 | 1.3 |
| 2-Hexanone | ND | | ug/kg | 10 | 1.2 |
| Bromochloromethane | ND | | ug/kg | 2.0 | 0.20 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.0 | 0.28 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.0 | 1.0 |
| Isopropylbenzene | ND | | ug/kg | 1.0 | 0.11 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.32 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.27 |
| Methyl Acetate | ND | | ug/kg | 4.0 | 0.95 |
| Cyclohexane | ND | | ug/kg | 10 | 0.54 |
| 1,4-Dioxane | ND | | ug/kg | 80 | 35. |
| Freon-113 | ND | | ug/kg | 4.0 | 0.69 |
| Methyl cyclohexane | ND | | ug/kg | 4.0 | 0.60 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/13/24 11:28
Analyst: LAC

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-05 Batch: WG1971495-5 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 103 | | 70-130 |
| Toluene-d8 | 97 | | 70-130 |
| 4-Bromofluorobenzene | 86 | | 70-130 |
| Dibromofluoromethane | 101 | | 70-130 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2451069

**Report Date:** 09/16/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1971369-3 WG1971369-4 | | | | | | | | |
| Methylene chloride | 99 | | 100 | | 70-130 | 1 | | 30 |
| 1,1-Dichloroethane | 103 | | 100 | | 70-130 | 3 | | 30 |
| Chloroform | 98 | | 97 | | 70-130 | 1 | | 30 |
| Carbon tetrachloride | 108 | | 100 | | 70-130 | 8 | | 30 |
| 1,2-Dichloropropane | 104 | | 106 | | 70-130 | 2 | | 30 |
| Dibromochloromethane | 110 | | 116 | | 70-130 | 5 | | 30 |
| 1,1,2-Trichloroethane | 95 | | 101 | | 70-130 | 6 | | 30 |
| Tetrachloroethene | 95 | | 89 | | 70-130 | 7 | | 30 |
| Chlorobenzene | 104 | | 103 | | 70-130 | 1 | | 30 |
| Trichlorofluoromethane | 101 | | 90 | | 70-139 | 12 | | 30 |
| 1,2-Dichloroethane | 91 | | 96 | | 70-130 | 5 | | 30 |
| 1,1,1-Trichloroethane | 103 | | 96 | | 70-130 | 7 | | 30 |
| Bromodichloromethane | 98 | | 101 | | 70-130 | 3 | | 30 |
| trans-1,3-Dichloropropene | 99 | | 104 | | 70-130 | 5 | | 30 |
| cis-1,3-Dichloropropene | 94 | | 96 | | 70-130 | 2 | | 30 |
| Bromoform | 94 | | 103 | | 70-130 | 9 | | 30 |
| 1,1,2,2-Tetrachloroethane | 95 | | 106 | | 70-130 | 11 | | 30 |
| Benzene | 102 | | 98 | | 70-130 | 4 | | 30 |
| Toluene | 103 | | 100 | | 70-130 | 3 | | 30 |
| Ethylbenzene | 100 | | 97 | | 70-130 | 3 | | 30 |
| Chloromethane | 111 | | 101 | | 52-130 | 9 | | 30 |
| Bromomethane | 64 | | 61 | | 57-147 | 5 | | 30 |
| Vinyl chloride | 89 | | 78 | | 67-130 | 13 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2451069

**Report Date:** 09/16/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1971369-3 WG1971369-4 | | | | | | | | |
| Chloroethane | 88 | | 85 | | 50-151 | 3 | | 30 |
| 1,1-Dichloroethene | 97 | | 87 | | 65-135 | 11 | | 30 |
| trans-1,2-Dichloroethene | 102 | | 96 | | 70-130 | 6 | | 30 |
| Trichloroethene | 100 | | 95 | | 70-130 | 5 | | 30 |
| 1,2-Dichlorobenzene | 99 | | 104 | | 70-130 | 5 | | 30 |
| 1,3-Dichlorobenzene | 100 | | 104 | | 70-130 | 4 | | 30 |
| 1,4-Dichlorobenzene | 100 | | 104 | | 70-130 | 4 | | 30 |
| Methyl tert butyl ether | 109 | | 117 | | 66-130 | 7 | | 30 |
| p/m-Xylene | 97 | | 94 | | 70-130 | 3 | | 30 |
| o-Xylene | 93 | | 93 | | 70-130 | 0 | | 30 |
| cis-1,2-Dichloroethene | 100 | | 98 | | 70-130 | 2 | | 30 |
| Styrene | 94 | | 95 | | 70-130 | 1 | | 30 |
| Dichlorodifluoromethane | 84 | | 73 | | 30-146 | 14 | | 30 |
| Acetone | 122 | | 120 | | 54-140 | 2 | | 30 |
| Carbon disulfide | 97 | | 88 | | 59-130 | 10 | | 30 |
| 2-Butanone | 120 | | **131** | Q | 70-130 | 9 | | 30 |
| 4-Methyl-2-pentanone | 100 | | 109 | | 70-130 | 9 | | 30 |
| 2-Hexanone | 118 | | 130 | | 70-130 | 10 | | 30 |
| Bromochloromethane | 110 | | 113 | | 70-130 | 3 | | 30 |
| 1,2-Dibromoethane | 102 | | 109 | | 70-130 | 7 | | 30 |
| 1,2-Dibromo-3-chloropropane | 98 | | 110 | | 68-130 | 12 | | 30 |
| Isopropylbenzene | 98 | | 95 | | 70-130 | 3 | | 30 |
| 1,2,3-Trichlorobenzene | 97 | | 105 | | 70-130 | 8 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2451069
**Report Date:** 09/16/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1971369-3 WG1971369-4 | | | | | | | | |
| 1,2,4-Trichlorobenzene | 103 | | 109 | | 70-130 | 6 | | 30 |
| Methyl Acetate | 118 | | 129 | | 51-146 | 9 | | 30 |
| Cyclohexane | 121 | | 111 | | 59-142 | 9 | | 30 |
| 1,4-Dioxane | 94 | | 101 | | 65-136 | 7 | | 30 |
| Freon-113 | 107 | | 97 | | 50-139 | 10 | | 30 |
| Methyl cyclohexane | 102 | | 93 | | 70-130 | 9 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 89 | | 88 | | 70-130 |
| Toluene-d8 | 100 | | 100 | | 70-130 |
| 4-Bromofluorobenzene | 97 | | 99 | | 70-130 |
| Dibromofluoromethane | 101 | | 100 | | 70-130 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2451069

**Report Date:** 09/16/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1971495-3 WG1971495-4 | | | | | | | | |
| Methylene chloride | 98 | | 90 | | 70-130 | 9 | | 30 |
| 1,1-Dichloroethane | 95 | | 88 | | 70-130 | 8 | | 30 |
| Chloroform | 92 | | 92 | | 70-130 | 0 | | 30 |
| Carbon tetrachloride | 89 | | 86 | | 70-130 | 3 | | 30 |
| 1,2-Dichloropropane | 93 | | 86 | | 70-130 | 8 | | 30 |
| Dibromochloromethane | 97 | | 93 | | 70-130 | 4 | | 30 |
| 1,1,2-Trichloroethane | 92 | | 87 | | 70-130 | 6 | | 30 |
| Tetrachloroethene | 102 | | 92 | | 70-130 | 10 | | 30 |
| Chlorobenzene | 96 | | 91 | | 70-130 | 5 | | 30 |
| Trichlorofluoromethane | 109 | | 109 | | 70-139 | 0 | | 30 |
| 1,2-Dichloroethane | 98 | | 95 | | 70-130 | 3 | | 30 |
| 1,1,1-Trichloroethane | 97 | | 94 | | 70-130 | 3 | | 30 |
| Bromodichloromethane | 98 | | 91 | | 70-130 | 7 | | 30 |
| trans-1,3-Dichloropropene | 92 | | 89 | | 70-130 | 3 | | 30 |
| cis-1,3-Dichloropropene | 86 | | 88 | | 70-130 | 2 | | 30 |
| Bromoform | 97 | | 88 | | 70-130 | 10 | | 30 |
| 1,1,2,2-Tetrachloroethane | 91 | | 86 | | 70-130 | 6 | | 30 |
| Benzene | 90 | | 88 | | 70-130 | 2 | | 30 |
| Toluene | 89 | | 90 | | 70-130 | 1 | | 30 |
| Ethylbenzene | 94 | | 87 | | 70-130 | 8 | | 30 |
| Chloromethane | 92 | | 81 | | 52-130 | 13 | | 30 |
| Bromomethane | **161** | Q | **160** | Q | 57-147 | 1 | | 30 |
| Vinyl chloride | 98 | | 95 | | 67-130 | 3 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2451069

**Report Date:** 09/16/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1971495-3 WG1971495-4 | | | | | | | | |
| Chloroethane | 106 | | 108 | | 50-151 | 2 | | 30 |
| 1,1-Dichloroethene | 89 | | 84 | | 65-135 | 6 | | 30 |
| trans-1,2-Dichloroethene | 94 | | 86 | | 70-130 | 9 | | 30 |
| Trichloroethene | 100 | | 91 | | 70-130 | 9 | | 30 |
| 1,2-Dichlorobenzene | 100 | | 93 | | 70-130 | 7 | | 30 |
| 1,3-Dichlorobenzene | 103 | | 93 | | 70-130 | 10 | | 30 |
| 1,4-Dichlorobenzene | 99 | | 92 | | 70-130 | 7 | | 30 |
| Methyl tert butyl ether | 99 | | 94 | | 66-130 | 5 | | 30 |
| p/m-Xylene | 97 | | 91 | | 70-130 | 6 | | 30 |
| o-Xylene | 96 | | 94 | | 70-130 | 2 | | 30 |
| cis-1,2-Dichloroethene | 90 | | 86 | | 70-130 | 5 | | 30 |
| Styrene | 102 | | 100 | | 70-130 | 2 | | 30 |
| Dichlorodifluoromethane | 87 | | 85 | | 30-146 | 2 | | 30 |
| Acetone | 95 | | 84 | | 54-140 | 12 | | 30 |
| Carbon disulfide | 84 | | 79 | | 59-130 | 6 | | 30 |
| 2-Butanone | 82 | | 81 | | 70-130 | 1 | | 30 |
| 4-Methyl-2-pentanone | 86 | | 80 | | 70-130 | 7 | | 30 |
| 2-Hexanone | 82 | | 80 | | 70-130 | 2 | | 30 |
| Bromochloromethane | 96 | | 90 | | 70-130 | 6 | | 30 |
| 1,2-Dibromoethane | 95 | | 92 | | 70-130 | 3 | | 30 |
| 1,2-Dibromo-3-chloropropane | 80 | | 90 | | 68-130 | 12 | | 30 |
| Isopropylbenzene | 95 | | 82 | | 70-130 | 15 | | 30 |
| 1,2,3-Trichlorobenzene | 100 | | 94 | | 70-130 | 6 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2451069

**Report Date:** 09/16/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1971495-3 WG1971495-4 | | | | | | | | |
| 1,2,4-Trichlorobenzene | 102 | | 90 | | 70-130 | 13 | | 30 |
| Methyl Acetate | 86 | | 81 | | 51-146 | 6 | | 30 |
| Cyclohexane | 86 | | 77 | | 59-142 | 11 | | 30 |
| 1,4-Dioxane | 78 | | 80 | | 65-136 | 3 | | 30 |
| Freon-113 | 91 | | 85 | | 50-139 | 7 | | 30 |
| Methyl cyclohexane | 88 | | 79 | | 70-130 | 11 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 102 | | 106 | | 70-130 |
| Toluene-d8 | 88 | | 96 | | 70-130 |
| 4-Bromofluorobenzene | 101 | | 88 | | 70-130 |
| Dibromofluoromethane | 97 | | 101 | | 70-130 |

# SEMIVOLATILES

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2451069
**Project Number:** 100.002
**Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-01
Client ID: LAGOON-SW-N3-8.5
Sample Location: TONAWANDA,NY

Date Collected: 09/05/24 08:30
Date Received: 09/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/13/24 08:18
Analyst: SLR
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/12/24 20:13

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 150 | 19. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 110 | 21. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 160 | 25. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 180 | 18. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 180 | 49. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 180 | 37. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 180 | 32. | 1 |
| Fluoranthene | 35 | J | ug/kg | 110 | 21. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 180 | 20. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 220 | 31. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 200 | 18. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 180 | 27. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 530 | 170 | 1 |
| Hexachloroethane | ND | | ug/kg | 150 | 30. | 1 |
| Isophorone | ND | | ug/kg | 160 | 24. | 1 |
| Naphthalene | ND | | ug/kg | 180 | 22. | 1 |
| Nitrobenzene | ND | | ug/kg | 160 | 27. | 1 |
| NDPA/DPA | ND | | ug/kg | 150 | 21. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 180 | 64. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 180 | 46. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 180 | 35. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 180 | 63. | 1 |
| Diethyl phthalate | ND | | ug/kg | 180 | 17. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 180 | 39. | 1 |
| Benzo(a)anthracene | ND | | ug/kg | 110 | 21. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 150 | 45. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-01 Date Collected: 09/05/24 08:30

Client ID: LAGOON-SW-N3-8.5 Date Received: 09/06/24

Sample Location: TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | ND | | ug/kg | 110 | 31. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 110 | 29. | 1 |
| Chrysene | ND | | ug/kg | 110 | 19. | 1 |
| Acenaphthylene | ND | | ug/kg | 150 | 28. | 1 |
| Anthracene | ND | | ug/kg | 110 | 36. | 1 |
| Benzo(ghi)perylene | ND | | ug/kg | 150 | 22. | 1 |
| Fluorene | ND | | ug/kg | 180 | 18. | 1 |
| Phenanthrene | 24 | J | ug/kg | 110 | 22. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 110 | 21. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 150 | 26. | 1 |
| Pyrene | 26 | J | ug/kg | 110 | 18. | 1 |
| Biphenyl | ND | | ug/kg | 420 | 24. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 180 | 34. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 180 | 36. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 180 | 35. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 180 | 76. | 1 |
| Dibenzofuran | ND | | ug/kg | 180 | 17. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 220 | 22. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 180 | 19. | 1 |
| Acetophenone | ND | | ug/kg | 180 | 23. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 110 | 35. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 180 | 27. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 180 | 22. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 160 | 30. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 180 | 61. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 400 | 69. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 260 | 75. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 880 | 86. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 480 | 88. | 1 |
| Pentachlorophenol | ND | | ug/kg | 150 | 40. | 1 |
| Phenol | ND | | ug/kg | 180 | 28. | 1 |
| 2-Methylphenol | ND | | ug/kg | 180 | 28. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 260 | 29. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 180 | 35. | 1 |
| Carbazole | ND | | ug/kg | 180 | 18. | 1 |
| Atrazine | ND | | ug/kg | 150 | 64. | 1 |
| Benzaldehyde | ND | | ug/kg | 240 | 50. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-01 Date Collected: 09/05/24 08:30

Client ID: LAGOON-SW-N3-8.5 Date Received: 09/06/24

Sample Location: TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 180 | 56. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 180 | 37. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 77 | | 25-120 |
| Phenol-d6 | 80 | | 10-120 |
| Nitrobenzene-d5 | 80 | | 23-120 |
| 2-Fluorobiphenyl | 78 | | 30-120 |
| 2,4,6-Tribromophenol | 73 | | 10-136 |
| 4-Terphenyl-d14 | 76 | | 18-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-02
Client ID: LAGOON-SW-N4-8.5
Sample Location: TONAWANDA,NY

Date Collected: 09/05/24 08:35
Date Received: 09/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/13/24 06:21
Analyst: SLR
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 09/12/24 20:13

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 170 | 22. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 130 | 24. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 200 | 29. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 220 | 21. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 220 | 58. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 220 | 43. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 220 | 37. | 1 |
| Fluoranthene | ND | | ug/kg | 130 | 25. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 220 | 23. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 220 | 33. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 260 | 37. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 230 | 22. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 220 | 32. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 620 | 200 | 1 |
| Hexachloroethane | ND | | ug/kg | 170 | 35. | 1 |
| Isophorone | ND | | ug/kg | 200 | 28. | 1 |
| Naphthalene | ND | | ug/kg | 220 | 26. | 1 |
| Nitrobenzene | ND | | ug/kg | 200 | 32. | 1 |
| NDPA/DPA | ND | | ug/kg | 170 | 25. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 220 | 33. | 1 |
| Bis(2-ethylhexyl)phthalate | 400 | | ug/kg | 220 | 75. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 220 | 55. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 220 | 41. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 220 | 74. | 1 |
| Diethyl phthalate | ND | | ug/kg | 220 | 20. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 220 | 46. | 1 |
| Benzo(a)anthracene | ND | | ug/kg | 130 | 24. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 170 | 53. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

**SAMPLE RESULTS**

Lab ID: L2451069-02 Date Collected: 09/05/24 08:35

Client ID: LAGOON-SW-N4-8.5 Date Received: 09/06/24

Sample Location: TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | ND | | ug/kg | 130 | 36. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 130 | 35. | 1 |
| Chrysene | ND | | ug/kg | 130 | 22. | 1 |
| Acenaphthylene | ND | | ug/kg | 170 | 33. | 1 |
| Anthracene | ND | | ug/kg | 130 | 42. | 1 |
| Benzo(ghi)perylene | ND | | ug/kg | 170 | 25. | 1 |
| Fluorene | ND | | ug/kg | 220 | 21. | 1 |
| Phenanthrene | ND | | ug/kg | 130 | 26. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 130 | 25. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 170 | 30. | 1 |
| Pyrene | ND | | ug/kg | 130 | 22. | 1 |
| Biphenyl | ND | | ug/kg | 490 | 28. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 220 | 39. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 220 | 42. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 220 | 41. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 220 | 90. | 1 |
| Dibenzofuran | ND | | ug/kg | 220 | 20. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 260 | 26. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 220 | 23. | 1 |
| Acetophenone | ND | | ug/kg | 220 | 27. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 130 | 41. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 220 | 32. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 220 | 26. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 200 | 35. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 220 | 72. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 470 | 81. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 300 | 88. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 1000 | 100 | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 560 | 100 | 1 |
| Pentachlorophenol | ND | | ug/kg | 170 | 48. | 1 |
| Phenol | ND | | ug/kg | 220 | 33. | 1 |
| 2-Methylphenol | ND | | ug/kg | 220 | 34. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 310 | 34. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 220 | 42. | 1 |
| Carbazole | ND | | ug/kg | 220 | 21. | 1 |
| Atrazine | ND | | ug/kg | 170 | 76. | 1 |
| Benzaldehyde | ND | | ug/kg | 290 | 58. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-02 Date Collected: 09/05/24 08:35

Client ID: LAGOON-SW-N4-8.5 Date Received: 09/06/24

Sample Location: TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 220 | 66. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 220 | 44. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 42 | | 25-120 |
| Phenol-d6 | 57 | | 10-120 |
| Nitrobenzene-d5 | 47 | | 23-120 |
| 2-Fluorobiphenyl | 61 | | 30-120 |
| 2,4,6-Tribromophenol | 64 | | 10-136 |
| 4-Terphenyl-d14 | 73 | | 18-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-03
Client ID: LAGOON-SW-S3-08
Sample Location: TONAWANDA,NY

Date Collected: 09/05/24 08:40
Date Received: 09/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/13/24 05:58
Analyst: SLR
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 09/12/24 20:13

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 150 | 19. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 110 | 21. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 170 | 25. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 180 | 18. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 180 | 49. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 180 | 37. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 180 | 32. | 1 |
| Fluoranthene | ND | | ug/kg | 110 | 21. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 180 | 20. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 220 | 32. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 200 | 18. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 180 | 27. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 530 | 170 | 1 |
| Hexachloroethane | ND | | ug/kg | 150 | 30. | 1 |
| Isophorone | ND | | ug/kg | 170 | 24. | 1 |
| Naphthalene | ND | | ug/kg | 180 | 23. | 1 |
| Nitrobenzene | ND | | ug/kg | 170 | 27. | 1 |
| NDPA/DPA | ND | | ug/kg | 150 | 21. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 180 | 29. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 180 | 64. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 180 | 47. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 180 | 35. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 180 | 63. | 1 |
| Diethyl phthalate | ND | | ug/kg | 180 | 17. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 180 | 39. | 1 |
| Benzo(a)anthracene | ND | | ug/kg | 110 | 21. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 150 | 45. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-03 Date Collected: 09/05/24 08:40

Client ID: LAGOON-SW-S3-08 Date Received: 09/06/24

Sample Location: TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | ND | | ug/kg | 110 | 31. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 110 | 30. | 1 |
| Chrysene | ND | | ug/kg | 110 | 19. | 1 |
| Acenaphthylene | ND | | ug/kg | 150 | 29. | 1 |
| Anthracene | ND | | ug/kg | 110 | 36. | 1 |
| Benzo(ghi)perylene | ND | | ug/kg | 150 | 22. | 1 |
| Fluorene | ND | | ug/kg | 180 | 18. | 1 |
| Phenanthrene | ND | | ug/kg | 110 | 22. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 110 | 21. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 150 | 26. | 1 |
| Pyrene | ND | | ug/kg | 110 | 18. | 1 |
| Biphenyl | ND | | ug/kg | 420 | 24. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 180 | 34. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 180 | 36. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 180 | 35. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 180 | 77. | 1 |
| Dibenzofuran | ND | | ug/kg | 180 | 18. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 220 | 22. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 180 | 19. | 1 |
| Acetophenone | ND | | ug/kg | 180 | 23. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 110 | 35. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 180 | 28. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 180 | 22. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 170 | 30. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 180 | 61. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 400 | 70. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 260 | 76. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 890 | 86. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 480 | 89. | 1 |
| Pentachlorophenol | ND | | ug/kg | 150 | 41. | 1 |
| Phenol | ND | | ug/kg | 180 | 28. | 1 |
| 2-Methylphenol | ND | | ug/kg | 180 | 29. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 270 | 29. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 180 | 36. | 1 |
| Carbazole | ND | | ug/kg | 180 | 18. | 1 |
| Atrazine | ND | | ug/kg | 150 | 65. | 1 |
| Benzaldehyde | ND | | ug/kg | 240 | 50. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-03 Date Collected: 09/05/24 08:40

Client ID: LAGOON-SW-S3-08 Date Received: 09/06/24

Sample Location: TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 180 | 56. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 180 | 37. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 75 | | 25-120 |
| Phenol-d6 | 76 | | 10-120 |
| Nitrobenzene-d5 | 76 | | 23-120 |
| 2-Fluorobiphenyl | 73 | | 30-120 |
| 2,4,6-Tribromophenol | 64 | | 10-136 |
| 4-Terphenyl-d14 | 76 | | 18-120 |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002
**Lab Number:** L2451069
**Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-04
Client ID: LAGOON-SW-S4-08
Sample Location: TONAWANDA,NY

Date Collected: 09/05/24 08:45
Date Received: 09/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/13/24 07:31
Analyst: SLR
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 09/12/24 20:13

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 160 | 20. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 120 | 22. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 180 | 26. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 200 | 19. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 200 | 52. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 200 | 39. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 200 | 34. | 1 |
| Fluoranthene | 58 | J | ug/kg | 120 | 22. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 200 | 21. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 200 | 30. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 240 | 33. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 210 | 20. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 200 | 29. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 560 | 180 | 1 |
| Hexachloroethane | ND | | ug/kg | 160 | 32. | 1 |
| Isophorone | ND | | ug/kg | 180 | 25. | 1 |
| Naphthalene | ND | | ug/kg | 200 | 24. | 1 |
| Nitrobenzene | ND | | ug/kg | 180 | 29. | 1 |
| NDPA/DPA | ND | | ug/kg | 160 | 22. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 200 | 30. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 200 | 68. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 200 | 49. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 200 | 37. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 200 | 67. | 1 |
| Diethyl phthalate | ND | | ug/kg | 200 | 18. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 200 | 41. | 1 |
| Benzo(a)anthracene | 23 | J | ug/kg | 120 | 22. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 160 | 48. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

**SAMPLE RESULTS**

Lab ID: L2451069-04 Date Collected: 09/05/24 08:45

Client ID: LAGOON-SW-S4-08 Date Received: 09/06/24

Sample Location: TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab | | | | | | |
| Benzo(b)fluoranthene | 43 | J | ug/kg | 120 | 33. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 120 | 31. | 1 |
| Chrysene | 36 | J | ug/kg | 120 | 20. | 1 |
| Acenaphthylene | ND | | ug/kg | 160 | 30. | 1 |
| Anthracene | ND | | ug/kg | 120 | 38. | 1 |
| Benzo(ghi)perylene | 23 | J | ug/kg | 160 | 23. | 1 |
| Fluorene | ND | | ug/kg | 200 | 19. | 1 |
| Phenanthrene | ND | | ug/kg | 120 | 24. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 120 | 23. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 160 | 27. | 1 |
| Pyrene | 49 | J | ug/kg | 120 | 19. | 1 |
| Biphenyl | ND | | ug/kg | 450 | 25. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 200 | 36. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 200 | 38. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 200 | 37. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 200 | 81. | 1 |
| Dibenzofuran | ND | | ug/kg | 200 | 18. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 240 | 24. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 200 | 20. | 1 |
| Acetophenone | ND | | ug/kg | 200 | 24. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 120 | 37. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 200 | 29. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 200 | 23. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 180 | 32. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 200 | 65. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 420 | 74. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 270 | 80. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 940 | 91. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 510 | 94. | 1 |
| Pentachlorophenol | ND | | ug/kg | 160 | 43. | 1 |
| Phenol | ND | | ug/kg | 200 | 30. | 1 |
| 2-Methylphenol | ND | | ug/kg | 200 | 30. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 280 | 31. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 200 | 38. | 1 |
| Carbazole | ND | | ug/kg | 200 | 19. | 1 |
| Atrazine | ND | | ug/kg | 160 | 68. | 1 |
| Benzaldehyde | ND | | ug/kg | 260 | 53. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-04 Date Collected: 09/05/24 08:45

Client ID: LAGOON-SW-S4-08 Date Received: 09/06/24

Sample Location: TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 200 | 60. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 200 | 40. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 81 | | 25-120 |
| Phenol-d6 | 84 | | 10-120 |
| Nitrobenzene-d5 | 86 | | 23-120 |
| 2-Fluorobiphenyl | 85 | | 30-120 |
| 2,4,6-Tribromophenol | 79 | | 10-136 |
| 4-Terphenyl-d14 | 88 | | 18-120 |

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2451069
**Project Number:** 100.002
**Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-05
Client ID: BASE-04-09
Sample Location: TONAWANDA,NY

Date Collected: 09/05/24 08:50
Date Received: 09/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/13/24 04:48
Analyst: SLR
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/12/24 20:13

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 140 | 19. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 110 | 20. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 160 | 25. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 180 | 18. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 180 | 48. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 180 | 36. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 180 | 31. | 1 |
| Fluoranthene | ND | | ug/kg | 110 | 21. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 180 | 19. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 220 | 31. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 200 | 18. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 180 | 27. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 520 | 160 | 1 |
| Hexachloroethane | ND | | ug/kg | 140 | 29. | 1 |
| Isophorone | ND | | ug/kg | 160 | 24. | 1 |
| Naphthalene | ND | | ug/kg | 180 | 22. | 1 |
| Nitrobenzene | ND | | ug/kg | 160 | 27. | 1 |
| NDPA/DPA | ND | | ug/kg | 140 | 21. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 180 | 63. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 180 | 46. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 180 | 34. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 180 | 62. | 1 |
| Diethyl phthalate | ND | | ug/kg | 180 | 17. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 180 | 38. | 1 |
| Benzo(a)anthracene | ND | | ug/kg | 110 | 20. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 140 | 44. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-05 Date Collected: 09/05/24 08:50

Client ID: BASE-04-09 Date Received: 09/06/24

Sample Location: TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | ND | | ug/kg | 110 | 31. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 110 | 29. | 1 |
| Chrysene | ND | | ug/kg | 110 | 19. | 1 |
| Acenaphthylene | ND | | ug/kg | 140 | 28. | 1 |
| Anthracene | ND | | ug/kg | 110 | 35. | 1 |
| Benzo(ghi)perylene | ND | | ug/kg | 140 | 21. | 1 |
| Fluorene | ND | | ug/kg | 180 | 18. | 1 |
| Phenanthrene | ND | | ug/kg | 110 | 22. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 110 | 21. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 140 | 25. | 1 |
| Pyrene | ND | | ug/kg | 110 | 18. | 1 |
| Biphenyl | ND | | ug/kg | 410 | 24. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 180 | 33. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 180 | 35. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 180 | 34. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 180 | 75. | 1 |
| Dibenzofuran | ND | | ug/kg | 180 | 17. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 220 | 22. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 180 | 19. | 1 |
| Acetophenone | ND | | ug/kg | 180 | 22. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 110 | 34. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 180 | 27. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 180 | 21. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 160 | 29. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 180 | 60. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 390 | 68. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 250 | 74. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 870 | 85. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 470 | 87. | 1 |
| Pentachlorophenol | ND | | ug/kg | 140 | 40. | 1 |
| Phenol | ND | | ug/kg | 180 | 27. | 1 |
| 2-Methylphenol | ND | | ug/kg | 180 | 28. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 260 | 28. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 180 | 35. | 1 |
| Carbazole | ND | | ug/kg | 180 | 18. | 1 |
| Atrazine | ND | | ug/kg | 140 | 64. | 1 |
| Benzaldehyde | ND | | ug/kg | 240 | 49. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-05 Date Collected: 09/05/24 08:50

Client ID: BASE-04-09 Date Received: 09/06/24

Sample Location: TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 180 | 55. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 180 | 37. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 77 | | 25-120 |
| Phenol-d6 | 77 | | 10-120 |
| Nitrobenzene-d5 | 77 | | 23-120 |
| 2-Fluorobiphenyl | 74 | | 30-120 |
| 2,4,6-Tribromophenol | 65 | | 10-136 |
| 4-Terphenyl-d14 | 76 | | 18-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/13/24 02:51
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 09/12/24 20:13

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1971039-1 | | | | | |
| Acenaphthene | ND | | ug/kg | 130 | 17. |
| Hexachlorobenzene | ND | | ug/kg | 99 | 18. |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 150 | 22. |
| 2-Chloronaphthalene | ND | | ug/kg | 160 | 16. |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 160 | 44. |
| 2,4-Dinitrotoluene | ND | | ug/kg | 160 | 33. |
| 2,6-Dinitrotoluene | ND | | ug/kg | 160 | 28. |
| Fluoranthene | ND | | ug/kg | 99 | 19. |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 160 | 18. |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 160 | 25. |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 200 | 28. |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 180 | 16. |
| Hexachlorobutadiene | ND | | ug/kg | 160 | 24. |
| Hexachlorocyclopentadiene | ND | | ug/kg | 470 | 150 |
| Hexachloroethane | ND | | ug/kg | 130 | 27. |
| Isophorone | ND | | ug/kg | 150 | 21. |
| Naphthalene | ND | | ug/kg | 160 | 20. |
| Nitrobenzene | ND | | ug/kg | 150 | 24. |
| NDPA/DPA | ND | | ug/kg | 130 | 19. |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 160 | 26. |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 160 | 57. |
| Butyl benzyl phthalate | ND | | ug/kg | 160 | 42. |
| Di-n-butylphthalate | ND | | ug/kg | 160 | 31. |
| Di-n-octylphthalate | ND | | ug/kg | 160 | 56. |
| Diethyl phthalate | ND | | ug/kg | 160 | 15. |
| Dimethyl phthalate | ND | | ug/kg | 160 | 35. |
| Benzo(a)anthracene | ND | | ug/kg | 99 | 19. |
| Benzo(a)pyrene | ND | | ug/kg | 130 | 40. |
| Benzo(b)fluoranthene | ND | | ug/kg | 99 | 28. |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/13/24 02:51
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 09/12/24 20:13

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1971039-1 | | | | | |
| Benzo(k)fluoranthene | ND | | ug/kg | 99 | 26. |
| Chrysene | ND | | ug/kg | 99 | 17. |
| Acenaphthylene | ND | | ug/kg | 130 | 26. |
| Anthracene | ND | | ug/kg | 99 | 32. |
| Benzo(ghi)perylene | ND | | ug/kg | 130 | 19. |
| Fluorene | ND | | ug/kg | 160 | 16. |
| Phenanthrene | ND | | ug/kg | 99 | 20. |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 99 | 19. |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 130 | 23. |
| Pyrene | ND | | ug/kg | 99 | 16. |
| Biphenyl | ND | | ug/kg | 380 | 22. |
| 4-Chloroaniline | ND | | ug/kg | 160 | 30. |
| 2-Nitroaniline | ND | | ug/kg | 160 | 32. |
| 3-Nitroaniline | ND | | ug/kg | 160 | 31. |
| 4-Nitroaniline | ND | | ug/kg | 160 | 68. |
| Dibenzofuran | ND | | ug/kg | 160 | 16. |
| 2-Methylnaphthalene | ND | | ug/kg | 200 | 20. |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 160 | 17. |
| Acetophenone | ND | | ug/kg | 160 | 20. |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 99 | 31. |
| p-Chloro-m-cresol | ND | | ug/kg | 160 | 25. |
| 2-Chlorophenol | ND | | ug/kg | 160 | 20. |
| 2,4-Dichlorophenol | ND | | ug/kg | 150 | 27. |
| 2,4-Dimethylphenol | ND | | ug/kg | 160 | 55. |
| 2-Nitrophenol | ND | | ug/kg | 360 | 62. |
| 4-Nitrophenol | ND | | ug/kg | 230 | 68. |
| 2,4-Dinitrophenol | ND | | ug/kg | 790 | 77. |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 430 | 79. |
| Pentachlorophenol | ND | | ug/kg | 130 | 36. |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/13/24 02:51
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 09/12/24 20:13

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1971039-1 | | | | | |
| Phenol | ND | | ug/kg | 160 | 25. |
| 2-Methylphenol | ND | | ug/kg | 160 | 26. |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 240 | 26. |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 160 | 32. |
| Carbazole | ND | | ug/kg | 160 | 16. |
| Atrazine | ND | | ug/kg | 130 | 58. |
| Benzaldehyde | ND | | ug/kg | 220 | 45. |
| Caprolactam | ND | | ug/kg | 160 | 50. |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 160 | 33. |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 53 | | 25-120 |
| Phenol-d6 | 60 | | 10-120 |
| Nitrobenzene-d5 | 58 | | 23-120 |
| 2-Fluorobiphenyl | 61 | | 30-120 |
| 2,4,6-Tribromophenol | 59 | | 10-136 |
| 4-Terphenyl-d14 | 80 | | 18-120 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2451069

**Report Date:** 09/16/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1971039-2 WG1971039-3 | | | | | | | | |
| Acenaphthene | 75 | | 72 | | 31-137 | 4 | | 50 |
| Hexachlorobenzene | 71 | | 68 | | 40-140 | 4 | | 50 |
| Bis(2-chloroethyl)ether | 74 | | 72 | | 40-140 | 3 | | 50 |
| 2-Chloronaphthalene | 79 | | 76 | | 40-140 | 4 | | 50 |
| 3,3'-Dichlorobenzidine | 71 | | 70 | | 40-140 | 1 | | 50 |
| 2,4-Dinitrotoluene | 89 | | 88 | | 40-132 | 1 | | 50 |
| 2,6-Dinitrotoluene | 86 | | 85 | | 40-140 | 1 | | 50 |
| Fluoranthene | 77 | | 75 | | 40-140 | 3 | | 50 |
| 4-Chlorophenyl phenyl ether | 77 | | 74 | | 40-140 | 4 | | 50 |
| 4-Bromophenyl phenyl ether | 73 | | 70 | | 40-140 | 4 | | 50 |
| Bis(2-chloroisopropyl)ether | 79 | | 75 | | 40-140 | 5 | | 50 |
| Bis(2-chloroethoxy)methane | 80 | | 75 | | 40-117 | 6 | | 50 |
| Hexachlorobutadiene | 76 | | 72 | | 40-140 | 5 | | 50 |
| Hexachlorocyclopentadiene | 56 | | 52 | | 40-140 | 7 | | 50 |
| Hexachloroethane | 76 | | 73 | | 40-140 | 4 | | 50 |
| Isophorone | 78 | | 74 | | 40-140 | 5 | | 50 |
| Naphthalene | 75 | | 71 | | 40-140 | 5 | | 50 |
| Nitrobenzene | 80 | | 77 | | 40-140 | 4 | | 50 |
| NDPA/DPA | 77 | | 74 | | 36-157 | 4 | | 50 |
| n-Nitrosodi-n-propylamine | 79 | | 74 | | 32-121 | 7 | | 50 |
| Bis(2-ethylhexyl)phthalate | 91 | | 87 | | 40-140 | 4 | | 50 |
| Butyl benzyl phthalate | 90 | | 87 | | 40-140 | 3 | | 50 |
| Di-n-butylphthalate | 87 | | 84 | | 40-140 | 4 | | 50 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2451069

**Report Date:** 09/16/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1971039-2 WG1971039-3 | | | | | | | | |
| Di-n-octylphthalate | 91 | | 88 | | 40-140 | 3 | | 50 |
| Diethyl phthalate | 83 | | 80 | | 40-140 | 4 | | 50 |
| Dimethyl phthalate | 82 | | 81 | | 40-140 | 1 | | 50 |
| Benzo(a)anthracene | 76 | | 74 | | 40-140 | 3 | | 50 |
| Benzo(a)pyrene | 76 | | 74 | | 40-140 | 3 | | 50 |
| Benzo(b)fluoranthene | 76 | | 73 | | 40-140 | 4 | | 50 |
| Benzo(k)fluoranthene | 74 | | 71 | | 40-140 | 4 | | 50 |
| Chrysene | 76 | | 73 | | 40-140 | 4 | | 50 |
| Acenaphthylene | 77 | | 75 | | 40-140 | 3 | | 50 |
| Anthracene | 80 | | 78 | | 40-140 | 3 | | 50 |
| Benzo(ghi)perylene | 73 | | 70 | | 40-140 | 4 | | 50 |
| Fluorene | 76 | | 73 | | 40-140 | 4 | | 50 |
| Phenanthrene | 78 | | 75 | | 40-140 | 4 | | 50 |
| Dibenzo(a,h)anthracene | 73 | | 71 | | 40-140 | 3 | | 50 |
| Indeno(1,2,3-cd)pyrene | 73 | | 69 | | 40-140 | 6 | | 50 |
| Pyrene | 77 | | 75 | | 35-142 | 3 | | 50 |
| Biphenyl | 80 | | 78 | | 37-127 | 3 | | 50 |
| 4-Chloroaniline | 61 | | 58 | | 40-140 | 5 | | 50 |
| 2-Nitroaniline | 87 | | 86 | | 47-134 | 1 | | 50 |
| 3-Nitroaniline | 66 | | 66 | | 26-129 | 0 | | 50 |
| 4-Nitroaniline | 80 | | 79 | | 41-125 | 1 | | 50 |
| Dibenzofuran | 76 | | 73 | | 40-140 | 4 | | 50 |
| 2-Methylnaphthalene | 76 | | 73 | | 40-140 | 4 | | 50 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2451069

**Report Date:** 09/16/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1971039-2 WG1971039-3 | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | 77 | | 73 | | 40-117 | 5 | | 50 |
| Acetophenone | 84 | | 79 | | 14-144 | 6 | | 50 |
| 2,4,6-Trichlorophenol | 83 | | 81 | | 30-130 | 2 | | 50 |
| p-Chloro-m-cresol | 82 | | 81 | | 26-103 | 1 | | 50 |
| 2-Chlorophenol | 76 | | 72 | | 25-102 | 5 | | 50 |
| 2,4-Dichlorophenol | 82 | | 79 | | 30-130 | 4 | | 50 |
| 2,4-Dimethylphenol | 65 | | 63 | | 30-130 | 3 | | 50 |
| 2-Nitrophenol | 83 | | 81 | | 30-130 | 2 | | 50 |
| 4-Nitrophenol | 95 | | 92 | | 11-114 | 3 | | 50 |
| 2,4-Dinitrophenol | 79 | | 78 | | 4-130 | 1 | | 50 |
| 4,6-Dinitro-o-cresol | 85 | | 85 | | 10-130 | 0 | | 50 |
| Pentachlorophenol | 73 | | 72 | | 17-109 | 1 | | 50 |
| Phenol | 77 | | 73 | | 26-90 | 5 | | 50 |
| 2-Methylphenol | 78 | | 75 | | 30-130. | 4 | | 50 |
| 3-Methylphenol/4-Methylphenol | 79 | | 76 | | 30-130 | 4 | | 50 |
| 2,4,5-Trichlorophenol | 85 | | 82 | | 30-130 | 4 | | 50 |
| Carbazole | 78 | | 76 | | 54-128 | 3 | | 50 |
| Atrazine | 96 | | 92 | | 40-140 | 4 | | 50 |
| Benzaldehyde | 79 | | 76 | | 40-140 | 4 | | 50 |
| Caprolactam | 88 | | 85 | | 15-130 | 3 | | 50 |
| 2,3,4,6-Tetrachlorophenol | 80 | | 78 | | 40-140 | 3 | | 50 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2451069

**Report Date:** 09/16/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1971039-2 WG1971039-3

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 2-Fluorophenol | 77 | | 72 | | 25-120 |
| Phenol-d6 | 78 | | 72 | | 10-120 |
| Nitrobenzene-d5 | 78 | | 75 | | 23-120 |
| 2-Fluorobiphenyl | 77 | | 72 | | 30-120 |
| 2,4,6-Tribromophenol | 71 | | 67 | | 10-136 |
| 4-Terphenyl-d14 | 75 | | 71 | | 18-120 |

# PCBS

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2451069
**Project Number:** 100.002
**Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-01
Client ID: LAGOON-SW-N3-8.5
Sample Location: TONAWANDA,NY

Date Collected: 09/05/24 08:30
Date Received: 09/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/13/24 22:18
Analyst: MEO
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/12/24 22:46
Cleanup Method: EPA 3665A
Cleanup Date: 09/13/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/13/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 52.9 | 4.69 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 52.9 | 5.30 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 52.9 | 11.2 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 52.9 | 7.13 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 52.9 | 7.93 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 52.9 | 5.78 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 52.9 | 9.77 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 52.9 | 6.71 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 52.9 | 5.48 | 1 | A |
| PCBs, Total | ND | | ug/kg | 52.9 | 4.69 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 83 | | 30-150 | A |
| Decachlorobiphenyl | 102 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 95 | | 30-150 | B |
| Decachlorobiphenyl | 111 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2451069
**Project Number:** 100.002
**Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-02
Client ID: LAGOON-SW-N4-8.5
Sample Location: TONAWANDA,NY

Date Collected: 09/05/24 08:35
Date Received: 09/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/13/24 22:26
Analyst: MEO
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 09/12/24 22:46
Cleanup Method: EPA 3665A
Cleanup Date: 09/13/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/13/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 61.9 | 5.49 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 61.9 | 6.20 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 61.9 | 13.1 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 61.9 | 8.34 | 1 | A |
| Aroclor 1248 | 27.2 | J | ug/kg | 61.9 | 9.28 | 1 | B |
| Aroclor 1254 | ND | | ug/kg | 61.9 | 6.77 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 61.9 | 11.4 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 61.9 | 7.86 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 61.9 | 6.41 | 1 | A |
| PCBs, Total | 27.2 | J | ug/kg | 61.9 | 5.49 | 1 | B |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 80 | | 30-150 | A |
| Decachlorobiphenyl | 90 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 91 | | 30-150 | B |
| Decachlorobiphenyl | 102 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2451069
**Project Number:** 100.002
**Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-03
Client ID: LAGOON-SW-S3-08
Sample Location: TONAWANDA,NY

Date Collected: 09/05/24 08:40
Date Received: 09/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/13/24 22:34
Analyst: MEO
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 09/12/24 22:46
Cleanup Method: EPA 3665A
Cleanup Date: 09/13/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/13/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 55.3 | 4.91 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 55.3 | 5.54 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 55.3 | 11.7 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 55.3 | 7.45 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 55.3 | 8.29 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 55.3 | 6.05 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 55.3 | 10.2 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 55.3 | 7.02 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 55.3 | 5.73 | 1 | A |
| PCBs, Total | ND | | ug/kg | 55.3 | 4.91 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 84 | | 30-150 | A |
| Decachlorobiphenyl | 104 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 95 | | 30-150 | B |
| Decachlorobiphenyl | 117 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2451069
**Project Number:** 100.002
**Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-04
Client ID: LAGOON-SW-S4-08
Sample Location: TONAWANDA,NY

Date Collected: 09/05/24 08:45
Date Received: 09/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/13/24 22:42
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 09/12/24 22:46
Cleanup Method: EPA 3665A
Cleanup Date: 09/13/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/13/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 56.8 | 5.04 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 56.8 | 5.69 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 56.8 | 12.0 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 56.8 | 7.65 | 1 | A |
| Aroclor 1248 | 12.0 | J | ug/kg | 56.8 | 8.52 | 1 | B |
| Aroclor 1254 | ND | | ug/kg | 56.8 | 6.21 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 56.8 | 10.5 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 56.8 | 7.21 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 56.8 | 5.88 | 1 | A |
| PCBs, Total | 12.0 | J | ug/kg | 56.8 | 5.04 | 1 | B |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 77 | | 30-150 | A |
| Decachlorobiphenyl | 93 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 85 | | 30-150 | B |
| Decachlorobiphenyl | 105 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2451069
**Project Number:** 100.002
**Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-05
Client ID: BASE-04-09
Sample Location: TONAWANDA,NY

Date Collected: 09/05/24 08:50
Date Received: 09/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/13/24 22:50
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/12/24 22:46
Cleanup Method: EPA 3665A
Cleanup Date: 09/13/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/13/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 51.5 | 4.58 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 51.5 | 5.16 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 51.5 | 10.9 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 51.5 | 6.94 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 51.5 | 7.73 | 1 | B |
| Aroclor 1254 | ND | | ug/kg | 51.5 | 5.64 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 51.5 | 9.52 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 51.5 | 6.54 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 51.5 | 5.34 | 1 | A |
| PCBs, Total | ND | | ug/kg | 51.5 | 4.58 | 1 | B |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 79 | | 30-150 | A |
| Decachlorobiphenyl | 95 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 87 | | 30-150 | B |
| Decachlorobiphenyl | 104 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002
**Lab Number:** L2451069
**Report Date:** 09/16/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/13/24 21:55
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 09/12/24 22:46
Cleanup Method: EPA 3665A
Cleanup Date: 09/13/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/13/24

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-05 Batch: WG1971058-1 | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 47.1 | 4.18 | A |
| Aroclor 1221 | ND | | ug/kg | 47.1 | 4.72 | A |
| Aroclor 1232 | ND | | ug/kg | 47.1 | 9.99 | A |
| Aroclor 1242 | ND | | ug/kg | 47.1 | 6.35 | A |
| Aroclor 1248 | ND | | ug/kg | 47.1 | 7.07 | A |
| Aroclor 1254 | ND | | ug/kg | 47.1 | 5.16 | A |
| Aroclor 1260 | ND | | ug/kg | 47.1 | 8.71 | A |
| Aroclor 1262 | ND | | ug/kg | 47.1 | 5.98 | A |
| Aroclor 1268 | ND | | ug/kg | 47.1 | 4.88 | A |
| PCBs, Total | ND | | ug/kg | 47.1 | 4.18 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 89 | | 30-150 | A |
| Decachlorobiphenyl | 107 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 97 | | 30-150 | B |
| Decachlorobiphenyl | 114 | | 30-150 | B |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2451069
**Report Date:** 09/16/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG1971058-2 WG1971058-3 | | | | | | | | | |
| Aroclor 1016 | 96 | | 88 | | 40-140 | 9 | | 50 | A |
| Aroclor 1260 | 92 | | 78 | | 40-140 | 16 | | 50 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 92 | | 87 | | 30-150 | A |
| Decachlorobiphenyl | 111 | | 106 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 102 | | 96 | | 30-150 | B |
| Decachlorobiphenyl | 116 | | 110 | | 30-150 | B |

# PESTICIDES

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2451069
**Project Number:** 100.002
**Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-01
Client ID: LAGOON-SW-N3-8.5
Sample Location: TONAWANDA,NY

Date Collected: 09/05/24 08:30
Date Received: 09/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/13/24 21:57
Analyst: JAG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/12/24 22:47
Cleanup Method: EPA 3620B
Cleanup Date: 09/13/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/13/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.71 | 0.335 | 1 | A |
| Lindane | ND | | ug/kg | 0.713 | 0.319 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.713 | 0.202 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.71 | 0.649 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.856 | 0.384 | 1 | A |
| Aldrin | ND | | ug/kg | 1.71 | 0.602 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.21 | 0.963 | 1 | A |
| Endrin | ND | | ug/kg | 0.713 | 0.292 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.14 | 0.749 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.71 | 0.441 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.07 | 0.535 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.71 | 0.396 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.71 | 0.610 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 1.71 | 1.38 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.71 | 0.404 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.71 | 0.572 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.713 | 0.339 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.21 | 0.998 | 1 | A |
| Toxaphene | ND | | ug/kg | 32.1 | 8.98 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.14 | 0.596 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.14 | 0.565 | 1 | A |
| Chlordane | ND | | ug/kg | 14.3 | 5.67 | 1 | A |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-01 Date Collected: 09/05/24 08:30

Client ID: LAGOON-SW-N3-8.5 Date Received: 09/06/24

Sample Location: TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 92 | | 30-150 | A |
| Decachlorobiphenyl | 76 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 78 | | 30-150 | B |
| Decachlorobiphenyl | 73 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2451069
**Project Number:** 100.002
**Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-01
Client ID: LAGOON-SW-N3-8.5
Sample Location: TONAWANDA,NY

Date Collected: 09/05/24 08:30
Date Received: 09/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/13/24 17:53
Analyst: EJL
Percent Solids: 90%
Methylation Date: 09/13/24 06:18

Extraction Method: EPA 8151A
Extraction Date: 09/11/24 09:40

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 180 | 11.3 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 180 | 5.57 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 180 | 4.78 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 90 | | 30-150 | A |
| DCAA | 80 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2451069
**Project Number:** 100.002
**Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-02
Client ID: LAGOON-SW-N4-8.5
Sample Location: TONAWANDA,NY

Date Collected: 09/05/24 08:35
Date Received: 09/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/13/24 22:09
Analyst: JAG
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 09/12/24 22:47
Cleanup Method: EPA 3620B
Cleanup Date: 09/13/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/13/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 2.02 | 0.397 | 1 | A |
| Lindane | ND | | ug/kg | 0.844 | 0.377 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.844 | 0.240 | 1 | A |
| Beta-BHC | ND | | ug/kg | 2.02 | 0.768 | 1 | A |
| Heptachlor | ND | | ug/kg | 1.01 | 0.454 | 1 | A |
| Aldrin | ND | | ug/kg | 2.02 | 0.713 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.80 | 1.14 | 1 | A |
| Endrin | ND | | ug/kg | 0.844 | 0.346 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.53 | 0.886 | 1 | A |
| Endrin ketone | ND | | ug/kg | 2.02 | 0.522 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.26 | 0.633 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 2.02 | 0.468 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 2.02 | 0.722 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 2.02 | 1.63 | 1 | A |
| Endosulfan I | ND | | ug/kg | 2.02 | 0.478 | 1 | A |
| Endosulfan II | ND | | ug/kg | 2.02 | 0.677 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.844 | 0.402 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.80 | 1.18 | 1 | A |
| Toxaphene | ND | | ug/kg | 38.0 | 10.6 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.53 | 0.705 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.53 | 0.668 | 1 | A |
| Chlordane | ND | | ug/kg | 16.9 | 6.71 | 1 | A |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-02 Date Collected: 09/05/24 08:35

Client ID: LAGOON-SW-N4-8.5 Date Received: 09/06/24

Sample Location: TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 96 | | 30-150 | A |
| Decachlorobiphenyl | 79 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 80 | | 30-150 | B |
| Decachlorobiphenyl | 76 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2451069
**Project Number:** 100.002
**Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-02
Client ID: LAGOON-SW-N4-8.5
Sample Location: TONAWANDA,NY

Date Collected: 09/05/24 08:35
Date Received: 09/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/13/24 18:13
Analyst: EJL
Percent Solids: 77%
Methylation Date: 09/13/24 06:18

Extraction Method: EPA 8151A
Extraction Date: 09/11/24 09:40

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 212 | 13.3 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 212 | 6.56 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 212 | 5.63 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 62 | | 30-150 | A |
| DCAA | 65 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2451069
**Project Number:** 100.002
**Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-03
Client ID: LAGOON-SW-S3-08
Sample Location: TONAWANDA,NY

Date Collected: 09/05/24 08:40
Date Received: 09/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/13/24 22:21
Analyst: JAG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 09/12/24 22:47
Cleanup Method: EPA 3620B
Cleanup Date: 09/13/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/13/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.81 | 0.355 | 1 | A |
| Lindane | ND | | ug/kg | 0.755 | 0.338 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.755 | 0.214 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.81 | 0.687 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.906 | 0.406 | 1 | A |
| Aldrin | ND | | ug/kg | 1.81 | 0.638 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.40 | 1.02 | 1 | A |
| Endrin | ND | | ug/kg | 0.755 | 0.310 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.26 | 0.793 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.81 | 0.467 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.13 | 0.566 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.81 | 0.419 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.81 | 0.646 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 1.81 | 1.46 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.81 | 0.428 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.81 | 0.606 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.755 | 0.359 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.40 | 1.06 | 1 | A |
| Toxaphene | ND | | ug/kg | 34.0 | 9.52 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.26 | 0.631 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.26 | 0.598 | 1 | A |
| Chlordane | ND | | ug/kg | 15.1 | 6.00 | 1 | A |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-03 Date Collected: 09/05/24 08:40

Client ID: LAGOON-SW-S3-08 Date Received: 09/06/24

Sample Location: TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 85 | | 30-150 | A |
| Decachlorobiphenyl | 68 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 71 | | 30-150 | B |
| Decachlorobiphenyl | 70 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2451069
**Project Number:** 100.002
**Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-03
Client ID: LAGOON-SW-S3-08
Sample Location: TONAWANDA,NY

Date Collected: 09/05/24 08:40
Date Received: 09/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/13/24 18:52
Analyst: JAG
Percent Solids: 87%
Methylation Date: 09/13/24 06:18

Extraction Method: EPA 8151A
Extraction Date: 09/11/24 09:40

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 187 | 11.8 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 187 | 5.80 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 187 | 4.98 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 79 | | 30-150 | A |
| DCAA | 81 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2451069
**Project Number:** 100.002
**Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-04
Client ID: LAGOON-SW-S4-08
Sample Location: TONAWANDA,NY

Date Collected: 09/05/24 08:45
Date Received: 09/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/13/24 22:34
Analyst: JAG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 09/12/24 22:47
Cleanup Method: EPA 3620B
Cleanup Date: 09/13/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/13/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.89 | 0.370 | 1 | A |
| Lindane | ND | | ug/kg | 0.786 | 0.351 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.786 | 0.223 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.89 | 0.716 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.944 | 0.423 | 1 | A |
| Aldrin | ND | | ug/kg | 1.89 | 0.664 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.54 | 1.06 | 1 | A |
| Endrin | ND | | ug/kg | 0.786 | 0.322 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.36 | 0.826 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.89 | 0.486 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.18 | 0.590 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.89 | 0.436 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.89 | 0.673 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 1.89 | 1.52 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.89 | 0.446 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.89 | 0.631 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.786 | 0.374 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.54 | 1.10 | 1 | A |
| Toxaphene | ND | | ug/kg | 35.4 | 9.91 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.36 | 0.657 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.36 | 0.623 | 1 | A |
| Chlordane | ND | | ug/kg | 15.7 | 6.25 | 1 | A |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-04 Date Collected: 09/05/24 08:45

Client ID: LAGOON-SW-S4-08 Date Received: 09/06/24

Sample Location: TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 92 | | 30-150 | A |
| Decachlorobiphenyl | 77 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 78 | | 30-150 | B |
| Decachlorobiphenyl | 77 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2451069
**Project Number:** 100.002
**Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-04
Client ID: LAGOON-SW-S4-08
Sample Location: TONAWANDA,NY

Date Collected: 09/05/24 08:45
Date Received: 09/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/13/24 19:12
Analyst: JAG
Percent Solids: 85%
Methylation Date: 09/13/24 06:18

Extraction Method: EPA 8151A
Extraction Date: 09/11/24 09:40

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 196 | 12.4 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 196 | 6.08 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 196 | 5.22 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 77 | | 30-150 | A |
| DCAA | 79 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2451069
**Project Number:** 100.002
**Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-05
Client ID: BASE-04-09
Sample Location: TONAWANDA,NY

Date Collected: 09/05/24 08:50
Date Received: 09/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/14/24 08:56
Analyst: JAG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/12/24 22:47
Cleanup Method: EPA 3620B
Cleanup Date: 09/14/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/14/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.74 | 0.340 | 1 | A |
| Lindane | ND | | ug/kg | 0.723 | 0.323 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.723 | 0.205 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.74 | 0.658 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.868 | 0.389 | 1 | A |
| Aldrin | ND | | ug/kg | 1.74 | 0.611 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.25 | 0.976 | 1 | A |
| Endrin | ND | | ug/kg | 0.723 | 0.296 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.17 | 0.759 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.74 | 0.447 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.08 | 0.542 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.74 | 0.401 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.74 | 0.619 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 1.74 | 1.40 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.74 | 0.410 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.74 | 0.580 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.723 | 0.344 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.25 | 1.01 | 1 | A |
| Toxaphene | ND | | ug/kg | 32.5 | 9.11 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.17 | 0.604 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.17 | 0.572 | 1 | A |
| Chlordane | ND | | ug/kg | 14.4 | 5.75 | 1 | A |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-05 Date Collected: 09/05/24 08:50

Client ID: BASE-04-09 Date Received: 09/06/24

Sample Location: TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 69 | | 30-150 | A |
| Decachlorobiphenyl | 66 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 79 | | 30-150 | B |
| Decachlorobiphenyl | 73 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2451069
**Project Number:** 100.002
**Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-05
Client ID: BASE-04-09
Sample Location: TONAWANDA,NY

Date Collected: 09/05/24 08:50
Date Received: 09/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/13/24 19:31
Analyst: JAG
Percent Solids: 91%
Methylation Date: 09/13/24 06:18

Extraction Method: EPA 8151A
Extraction Date: 09/11/24 09:40

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 183 | 11.5 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 183 | 5.67 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 183 | 4.86 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 74 | | 30-150 | A |
| DCAA | 74 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2451069
**Report Date:** 09/16/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 09/12/24 08:47
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 09/11/24 09:40

Methylation Date: 09/12/24 05:58

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-05 Batch: WG1970215-1 | | | | | | |
| 2,4-D | ND | | ug/kg | 165 | 10.4 | A |
| 2,4,5-T | ND | | ug/kg | 165 | 5.13 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 165 | 4.40 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 81 | | 30-150 | A |
| DCAA | 72 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2451069
**Report Date:** 09/16/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/13/24 17:05
Analyst: SID

Extraction Method: EPA 3546
Extraction Date: 09/12/24 13:49
Cleanup Method: EPA 3620B
Cleanup Date: 09/13/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/13/24

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05 Batch: WG1970889-1 | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.55 | 0.303 | A |
| Lindane | ND | | ug/kg | 0.645 | 0.288 | A |
| Alpha-BHC | ND | | ug/kg | 0.645 | 0.183 | A |
| Beta-BHC | ND | | ug/kg | 1.55 | 0.587 | A |
| Heptachlor | ND | | ug/kg | 0.774 | 0.347 | A |
| Aldrin | ND | | ug/kg | 1.55 | 0.545 | A |
| Heptachlor epoxide | ND | | ug/kg | 2.90 | 0.871 | A |
| Endrin | ND | | ug/kg | 0.645 | 0.264 | A |
| Endrin aldehyde | ND | | ug/kg | 1.94 | 0.677 | A |
| Endrin ketone | ND | | ug/kg | 1.55 | 0.399 | A |
| Dieldrin | ND | | ug/kg | 0.968 | 0.484 | A |
| 4,4'-DDE | ND | | ug/kg | 1.55 | 0.358 | A |
| 4,4'-DDD | ND | | ug/kg | 1.55 | 0.552 | A |
| 4,4'-DDT | ND | | ug/kg | 1.55 | 1.24 | A |
| Endosulfan I | ND | | ug/kg | 1.55 | 0.366 | A |
| Endosulfan II | ND | | ug/kg | 1.55 | 0.517 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.645 | 0.307 | A |
| Methoxychlor | ND | | ug/kg | 2.90 | 0.903 | A |
| Toxaphene | ND | | ug/kg | 29.0 | 8.13 | A |
| cis-Chlordane | ND | | ug/kg | 1.94 | 0.539 | A |
| trans-Chlordane | ND | | ug/kg | 1.94 | 0.511 | A |
| Chlordane | ND | | ug/kg | 12.9 | 5.13 | A |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2451069
**Report Date:** 09/16/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/13/24 17:05
Analyst: SID

Extraction Method: EPA 3546
Extraction Date: 09/12/24 13:49
Cleanup Method: EPA 3620B
Cleanup Date: 09/13/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/13/24

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05 Batch: WG1970889-1 | | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 69 | | 30-150 | A |
| Decachlorobiphenyl | 36 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 72 | | 30-150 | B |
| Decachlorobiphenyl | 51 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2451069

**Report Date:** 09/16/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG1970215-2 WG1970215-3 | | | | | | | | | |
| 2,4-D | 93 | | 96 | | 30-150 | 3 | | 30 | A |
| 2,4,5-T | 119 | | 118 | | 30-150 | 1 | | 30 | A |
| 2,4,5-TP (Silvex) | 115 | | 114 | | 30-150 | 1 | | 30 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| DCAA | 83 | | 87 | | 30-150 | A |
| DCAA | 82 | | 86 | | 30-150 | B |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2451069
**Report Date:** 09/16/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG1970889-2 WG1970889-3 | | | | | | | | | |
| Delta-BHC | 79 | | 73 | | 30-150 | 8 | | 30 | A |
| Lindane | 76 | | 70 | | 30-150 | 8 | | 30 | A |
| Alpha-BHC | 79 | | 72 | | 30-150 | 9 | | 30 | A |
| Beta-BHC | 81 | | 76 | | 30-150 | 6 | | 30 | A |
| Heptachlor | 81 | | 76 | | 30-150 | 6 | | 30 | A |
| Aldrin | 75 | | 70 | | 30-150 | 7 | | 30 | A |
| Heptachlor epoxide | 61 | | 57 | | 30-150 | 7 | | 30 | A |
| Endrin | 76 | | 71 | | 30-150 | 7 | | 30 | A |
| Endrin aldehyde | 56 | | 55 | | 30-150 | 2 | | 30 | A |
| Endrin ketone | 57 | | 56 | | 30-150 | 2 | | 30 | A |
| Dieldrin | 81 | | 76 | | 30-150 | 6 | | 30 | A |
| 4,4'-DDE | 75 | | 70 | | 30-150 | 7 | | 30 | A |
| 4,4'-DDD | 79 | | 74 | | 30-150 | 7 | | 30 | A |
| 4,4'-DDT | 69 | | 64 | | 30-150 | 8 | | 30 | A |
| Endosulfan I | 73 | | 69 | | 30-150 | 6 | | 30 | A |
| Endosulfan II | 75 | | 69 | | 30-150 | 8 | | 30 | A |
| Endosulfan sulfate | 62 | | 59 | | 30-150 | 5 | | 30 | A |
| Methoxychlor | 69 | | 66 | | 30-150 | 4 | | 30 | A |
| cis-Chlordane | 71 | | 67 | | 30-150 | 6 | | 30 | A |
| trans-Chlordane | 93 | | 90 | | 30-150 | 3 | | 30 | A |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2451069

**Report Date:** 09/16/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG1970889-2 WG1970889-3

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 71 | | 66 | | 30-150 | A |
| Decachlorobiphenyl | 42 | | 40 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 73 | | 68 | | 30-150 | B |
| Decachlorobiphenyl | 48 | | 48 | | 30-150 | B |

# METALS

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-01 Date Collected: 09/05/24 08:30

Client ID: LAGOON-SW-N3-8.5 Date Received: 09/06/24

Sample Location: TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 5940 | | mg/kg | 8.65 | 2.34 | 2 | 09/11/24 11:43 | 09/13/24 15:00 | EPA 3050B | 1,6010D | DMC |
| Antimony, Total | 1.02 | J | mg/kg | 4.32 | 0.329 | 2 | 09/11/24 11:43 | 09/13/24 15:00 | EPA 3050B | 1,6010D | DMC |
| Arsenic, Total | 2.99 | | mg/kg | 0.865 | 0.180 | 2 | 09/11/24 11:43 | 09/13/24 15:00 | EPA 3050B | 1,6010D | DMC |
| Barium, Total | 124 | | mg/kg | 0.865 | 0.150 | 2 | 09/11/24 11:43 | 09/13/24 15:00 | EPA 3050B | 1,6010D | DMC |
| Beryllium, Total | 0.326 | J | mg/kg | 0.432 | 0.029 | 2 | 09/11/24 11:43 | 09/13/24 15:00 | EPA 3050B | 1,6010D | DMC |
| Cadmium, Total | ND | | mg/kg | 0.865 | 0.085 | 2 | 09/11/24 11:43 | 09/13/24 15:00 | EPA 3050B | 1,6010D | DMC |
| Calcium, Total | 31000 | | mg/kg | 8.65 | 3.03 | 2 | 09/11/24 11:43 | 09/13/24 15:00 | EPA 3050B | 1,6010D | DMC |
| Chromium, Total | 21.9 | | mg/kg | 0.865 | 0.083 | 2 | 09/11/24 11:43 | 09/13/24 15:00 | EPA 3050B | 1,6010D | DMC |
| Cobalt, Total | 9.27 | | mg/kg | 1.73 | 0.144 | 2 | 09/11/24 11:43 | 09/13/24 15:00 | EPA 3050B | 1,6010D | DMC |
| Copper, Total | 14.6 | | mg/kg | 0.865 | 0.223 | 2 | 09/11/24 11:43 | 09/13/24 15:00 | EPA 3050B | 1,6010D | DMC |
| Iron, Total | 11800 | | mg/kg | 4.32 | 0.781 | 2 | 09/11/24 11:43 | 09/13/24 15:00 | EPA 3050B | 1,6010D | DMC |
| Lead, Total | 72.7 | | mg/kg | 4.32 | 0.232 | 2 | 09/11/24 11:43 | 09/13/24 15:00 | EPA 3050B | 1,6010D | DMC |
| Magnesium, Total | 8950 | | mg/kg | 8.65 | 1.33 | 2 | 09/11/24 11:43 | 09/13/24 15:00 | EPA 3050B | 1,6010D | DMC |
| Manganese, Total | 326 | | mg/kg | 0.865 | 0.138 | 2 | 09/11/24 11:43 | 09/13/24 15:00 | EPA 3050B | 1,6010D | DMC |
| Mercury, Total | ND | | mg/kg | 0.081 | 0.053 | 1 | 09/11/24 10:55 | 09/12/24 19:56 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 9.81 | | mg/kg | 2.16 | 0.209 | 2 | 09/11/24 11:43 | 09/13/24 15:00 | EPA 3050B | 1,6010D | DMC |
| Potassium, Total | 634 | | mg/kg | 216 | 12.4 | 2 | 09/11/24 11:43 | 09/13/24 15:00 | EPA 3050B | 1,6010D | DMC |
| Selenium, Total | ND | | mg/kg | 1.73 | 0.223 | 2 | 09/11/24 11:43 | 09/13/24 15:00 | EPA 3050B | 1,6010D | DMC |
| Silver, Total | ND | | mg/kg | 0.432 | 0.245 | 2 | 09/11/24 11:43 | 09/13/24 15:00 | EPA 3050B | 1,6010D | DMC |
| Sodium, Total | 90.2 | J | mg/kg | 173 | 2.72 | 2 | 09/11/24 11:43 | 09/13/24 15:00 | EPA 3050B | 1,6010D | DMC |
| Thallium, Total | ND | | mg/kg | 1.73 | 0.272 | 2 | 09/11/24 11:43 | 09/13/24 15:00 | EPA 3050B | 1,6010D | DMC |
| Vanadium, Total | 13.5 | | mg/kg | 0.865 | 0.176 | 2 | 09/11/24 11:43 | 09/13/24 15:00 | EPA 3050B | 1,6010D | DMC |
| Zinc, Total | 124 | | mg/kg | 4.32 | 0.253 | 2 | 09/11/24 11:43 | 09/13/24 15:00 | EPA 3050B | 1,6010D | DMC |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-02 Date Collected: 09/05/24 08:35

Client ID: LAGOON-SW-N4-8.5 Date Received: 09/06/24

Sample Location: TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 77%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 6310 | | mg/kg | 9.98 | 2.69 | 2 | 09/11/24 11:43 | 09/13/24 15:03 | EPA 3050B | 1,6010D | DMC |
| Antimony, Total | ND | | mg/kg | 4.99 | 0.379 | 2 | 09/11/24 11:43 | 09/13/24 15:03 | EPA 3050B | 1,6010D | DMC |
| Arsenic, Total | 3.68 | | mg/kg | 0.998 | 0.208 | 2 | 09/11/24 11:43 | 09/13/24 15:03 | EPA 3050B | 1,6010D | DMC |
| Barium, Total | 67.9 | | mg/kg | 0.998 | 0.174 | 2 | 09/11/24 11:43 | 09/13/24 15:03 | EPA 3050B | 1,6010D | DMC |
| Beryllium, Total | 0.344 | J | mg/kg | 0.499 | 0.033 | 2 | 09/11/24 11:43 | 09/13/24 15:03 | EPA 3050B | 1,6010D | DMC |
| Cadmium, Total | ND | | mg/kg | 0.998 | 0.098 | 2 | 09/11/24 11:43 | 09/13/24 15:03 | EPA 3050B | 1,6010D | DMC |
| Calcium, Total | 66600 | | mg/kg | 9.98 | 3.49 | 2 | 09/11/24 11:43 | 09/13/24 15:03 | EPA 3050B | 1,6010D | DMC |
| Chromium, Total | 10.5 | | mg/kg | 0.998 | 0.096 | 2 | 09/11/24 11:43 | 09/13/24 15:03 | EPA 3050B | 1,6010D | DMC |
| Cobalt, Total | 5.96 | | mg/kg | 2.00 | 0.166 | 2 | 09/11/24 11:43 | 09/13/24 15:03 | EPA 3050B | 1,6010D | DMC |
| Copper, Total | 17.1 | | mg/kg | 0.998 | 0.258 | 2 | 09/11/24 11:43 | 09/13/24 15:03 | EPA 3050B | 1,6010D | DMC |
| Iron, Total | 15600 | | mg/kg | 4.99 | 0.901 | 2 | 09/11/24 11:43 | 09/13/24 15:03 | EPA 3050B | 1,6010D | DMC |
| Lead, Total | 10.5 | | mg/kg | 4.99 | 0.267 | 2 | 09/11/24 11:43 | 09/13/24 15:03 | EPA 3050B | 1,6010D | DMC |
| Magnesium, Total | 19800 | | mg/kg | 9.98 | 1.54 | 2 | 09/11/24 11:43 | 09/13/24 15:03 | EPA 3050B | 1,6010D | DMC |
| Manganese, Total | 537 | | mg/kg | 0.998 | 0.159 | 2 | 09/11/24 11:43 | 09/13/24 15:03 | EPA 3050B | 1,6010D | DMC |
| Mercury, Total | 0.482 | | mg/kg | 0.085 | 0.055 | 1 | 09/11/24 10:55 | 09/12/24 20:06 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 12.5 | | mg/kg | 2.50 | 0.242 | 2 | 09/11/24 11:43 | 09/13/24 15:03 | EPA 3050B | 1,6010D | DMC |
| Potassium, Total | 701 | | mg/kg | 250 | 14.4 | 2 | 09/11/24 11:43 | 09/13/24 15:03 | EPA 3050B | 1,6010D | DMC |
| Selenium, Total | 0.449 | J | mg/kg | 2.00 | 0.258 | 2 | 09/11/24 11:43 | 09/13/24 15:03 | EPA 3050B | 1,6010D | DMC |
| Silver, Total | ND | | mg/kg | 0.499 | 0.282 | 2 | 09/11/24 11:43 | 09/13/24 15:03 | EPA 3050B | 1,6010D | DMC |
| Sodium, Total | 134 | J | mg/kg | 200 | 3.14 | 2 | 09/11/24 11:43 | 09/13/24 15:03 | EPA 3050B | 1,6010D | DMC |
| Thallium, Total | ND | | mg/kg | 2.00 | 0.314 | 2 | 09/11/24 11:43 | 09/13/24 15:03 | EPA 3050B | 1,6010D | DMC |
| Vanadium, Total | 17.9 | | mg/kg | 0.998 | 0.203 | 2 | 09/11/24 11:43 | 09/13/24 15:03 | EPA 3050B | 1,6010D | DMC |
| Zinc, Total | 55.7 | | mg/kg | 4.99 | 0.292 | 2 | 09/11/24 11:43 | 09/13/24 15:03 | EPA 3050B | 1,6010D | DMC |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-03 Date Collected: 09/05/24 08:40

Client ID: LAGOON-SW-S3-08 Date Received: 09/06/24

Sample Location: TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 4700 | | mg/kg | 9.10 | 2.46 | 2 | 09/11/24 11:43 | 09/13/24 15:07 | EPA 3050B | 1,6010D | DMC |
| Antimony, Total | ND | | mg/kg | 4.55 | 0.346 | 2 | 09/11/24 11:43 | 09/13/24 15:07 | EPA 3050B | 1,6010D | DMC |
| Arsenic, Total | 2.74 | | mg/kg | 0.910 | 0.189 | 2 | 09/11/24 11:43 | 09/13/24 15:07 | EPA 3050B | 1,6010D | DMC |
| Barium, Total | 52.0 | | mg/kg | 0.910 | 0.158 | 2 | 09/11/24 11:43 | 09/13/24 15:07 | EPA 3050B | 1,6010D | DMC |
| Beryllium, Total | 0.266 | J | mg/kg | 0.455 | 0.030 | 2 | 09/11/24 11:43 | 09/13/24 15:07 | EPA 3050B | 1,6010D | DMC |
| Cadmium, Total | ND | | mg/kg | 0.910 | 0.089 | 2 | 09/11/24 11:43 | 09/13/24 15:07 | EPA 3050B | 1,6010D | DMC |
| Calcium, Total | 80000 | | mg/kg | 9.10 | 3.18 | 2 | 09/11/24 11:43 | 09/13/24 15:07 | EPA 3050B | 1,6010D | DMC |
| Chromium, Total | 7.11 | | mg/kg | 0.910 | 0.087 | 2 | 09/11/24 11:43 | 09/13/24 15:07 | EPA 3050B | 1,6010D | DMC |
| Cobalt, Total | 4.34 | | mg/kg | 1.82 | 0.151 | 2 | 09/11/24 11:43 | 09/13/24 15:07 | EPA 3050B | 1,6010D | DMC |
| Copper, Total | 13.6 | | mg/kg | 0.910 | 0.235 | 2 | 09/11/24 11:43 | 09/13/24 15:07 | EPA 3050B | 1,6010D | DMC |
| Iron, Total | 11700 | | mg/kg | 4.55 | 0.822 | 2 | 09/11/24 11:43 | 09/13/24 15:07 | EPA 3050B | 1,6010D | DMC |
| Lead, Total | 11.7 | | mg/kg | 4.55 | 0.244 | 2 | 09/11/24 11:43 | 09/13/24 15:07 | EPA 3050B | 1,6010D | DMC |
| Magnesium, Total | 34600 | | mg/kg | 9.10 | 1.40 | 2 | 09/11/24 11:43 | 09/13/24 15:07 | EPA 3050B | 1,6010D | DMC |
| Manganese, Total | 442 | | mg/kg | 0.910 | 0.145 | 2 | 09/11/24 11:43 | 09/13/24 15:07 | EPA 3050B | 1,6010D | DMC |
| Mercury, Total | ND | | mg/kg | 0.074 | 0.048 | 1 | 09/11/24 10:55 | 09/12/24 20:09 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 8.62 | | mg/kg | 2.28 | 0.220 | 2 | 09/11/24 11:43 | 09/13/24 15:07 | EPA 3050B | 1,6010D | DMC |
| Potassium, Total | 700 | | mg/kg | 228 | 13.1 | 2 | 09/11/24 11:43 | 09/13/24 15:07 | EPA 3050B | 1,6010D | DMC |
| Selenium, Total | 0.432 | J | mg/kg | 1.82 | 0.235 | 2 | 09/11/24 11:43 | 09/13/24 15:07 | EPA 3050B | 1,6010D | DMC |
| Silver, Total | ND | | mg/kg | 0.455 | 0.258 | 2 | 09/11/24 11:43 | 09/13/24 15:07 | EPA 3050B | 1,6010D | DMC |
| Sodium, Total | 135 | J | mg/kg | 182 | 2.87 | 2 | 09/11/24 11:43 | 09/13/24 15:07 | EPA 3050B | 1,6010D | DMC |
| Thallium, Total | ND | | mg/kg | 1.82 | 0.287 | 2 | 09/11/24 11:43 | 09/13/24 15:07 | EPA 3050B | 1,6010D | DMC |
| Vanadium, Total | 12.8 | | mg/kg | 0.910 | 0.185 | 2 | 09/11/24 11:43 | 09/13/24 15:07 | EPA 3050B | 1,6010D | DMC |
| Zinc, Total | 41.5 | | mg/kg | 4.55 | 0.267 | 2 | 09/11/24 11:43 | 09/13/24 15:07 | EPA 3050B | 1,6010D | DMC |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-04 Date Collected: 09/05/24 08:45

Client ID: LAGOON-SW-S4-08 Date Received: 09/06/24

Sample Location: TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 6070 | | mg/kg | 9.30 | 2.51 | 2 | 09/11/24 11:43 | 09/13/24 15:11 | EPA 3050B | 1,6010D | DMC |
| Antimony, Total | ND | | mg/kg | 4.65 | 0.353 | 2 | 09/11/24 11:43 | 09/13/24 15:11 | EPA 3050B | 1,6010D | DMC |
| Arsenic, Total | 2.58 | | mg/kg | 0.930 | 0.193 | 2 | 09/11/24 11:43 | 09/13/24 15:11 | EPA 3050B | 1,6010D | DMC |
| Barium, Total | 71.0 | | mg/kg | 0.930 | 0.162 | 2 | 09/11/24 11:43 | 09/13/24 15:11 | EPA 3050B | 1,6010D | DMC |
| Beryllium, Total | 0.316 | J | mg/kg | 0.465 | 0.031 | 2 | 09/11/24 11:43 | 09/13/24 15:11 | EPA 3050B | 1,6010D | DMC |
| Cadmium, Total | ND | | mg/kg | 0.930 | 0.091 | 2 | 09/11/24 11:43 | 09/13/24 15:11 | EPA 3050B | 1,6010D | DMC |
| Calcium, Total | 61900 | | mg/kg | 9.30 | 3.25 | 2 | 09/11/24 11:43 | 09/13/24 15:11 | EPA 3050B | 1,6010D | DMC |
| Chromium, Total | 9.65 | | mg/kg | 0.930 | 0.089 | 2 | 09/11/24 11:43 | 09/13/24 15:11 | EPA 3050B | 1,6010D | DMC |
| Cobalt, Total | 5.74 | | mg/kg | 1.86 | 0.154 | 2 | 09/11/24 11:43 | 09/13/24 15:11 | EPA 3050B | 1,6010D | DMC |
| Copper, Total | 14.5 | | mg/kg | 0.930 | 0.240 | 2 | 09/11/24 11:43 | 09/13/24 15:11 | EPA 3050B | 1,6010D | DMC |
| Iron, Total | 13700 | | mg/kg | 4.65 | 0.839 | 2 | 09/11/24 11:43 | 09/13/24 15:11 | EPA 3050B | 1,6010D | DMC |
| Lead, Total | 11.4 | | mg/kg | 4.65 | 0.249 | 2 | 09/11/24 11:43 | 09/13/24 15:11 | EPA 3050B | 1,6010D | DMC |
| Magnesium, Total | 16300 | | mg/kg | 9.30 | 1.43 | 2 | 09/11/24 11:43 | 09/13/24 15:11 | EPA 3050B | 1,6010D | DMC |
| Manganese, Total | 537 | | mg/kg | 0.930 | 0.148 | 2 | 09/11/24 11:43 | 09/13/24 15:11 | EPA 3050B | 1,6010D | DMC |
| Mercury, Total | ND | | mg/kg | 0.079 | 0.052 | 1 | 09/11/24 10:55 | 09/12/24 20:12 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 12.3 | | mg/kg | 2.32 | 0.225 | 2 | 09/11/24 11:43 | 09/13/24 15:11 | EPA 3050B | 1,6010D | DMC |
| Potassium, Total | 724 | | mg/kg | 232 | 13.4 | 2 | 09/11/24 11:43 | 09/13/24 15:11 | EPA 3050B | 1,6010D | DMC |
| Selenium, Total | 0.481 | J | mg/kg | 1.86 | 0.240 | 2 | 09/11/24 11:43 | 09/13/24 15:11 | EPA 3050B | 1,6010D | DMC |
| Silver, Total | ND | | mg/kg | 0.465 | 0.263 | 2 | 09/11/24 11:43 | 09/13/24 15:11 | EPA 3050B | 1,6010D | DMC |
| Sodium, Total | 129 | J | mg/kg | 186 | 2.93 | 2 | 09/11/24 11:43 | 09/13/24 15:11 | EPA 3050B | 1,6010D | DMC |
| Thallium, Total | ND | | mg/kg | 1.86 | 0.293 | 2 | 09/11/24 11:43 | 09/13/24 15:11 | EPA 3050B | 1,6010D | DMC |
| Vanadium, Total | 15.4 | | mg/kg | 0.930 | 0.189 | 2 | 09/11/24 11:43 | 09/13/24 15:11 | EPA 3050B | 1,6010D | DMC |
| Zinc, Total | 50.8 | | mg/kg | 4.65 | 0.272 | 2 | 09/11/24 11:43 | 09/13/24 15:11 | EPA 3050B | 1,6010D | DMC |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-05 Date Collected: 09/05/24 08:50

Client ID: BASE-04-09 Date Received: 09/06/24

Sample Location: TONAWANDA,NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 4820 | | mg/kg | 8.36 | 2.26 | 2 | 09/11/24 11:43 | 09/13/24 15:15 | EPA 3050B | 1,6010D | DMC |
| Antimony, Total | ND | | mg/kg | 4.18 | 0.318 | 2 | 09/11/24 11:43 | 09/13/24 15:15 | EPA 3050B | 1,6010D | DMC |
| Arsenic, Total | 2.74 | | mg/kg | 0.836 | 0.174 | 2 | 09/11/24 11:43 | 09/13/24 15:15 | EPA 3050B | 1,6010D | DMC |
| Barium, Total | 56.7 | | mg/kg | 0.836 | 0.146 | 2 | 09/11/24 11:43 | 09/13/24 15:15 | EPA 3050B | 1,6010D | DMC |
| Beryllium, Total | 0.251 | J | mg/kg | 0.418 | 0.028 | 2 | 09/11/24 11:43 | 09/13/24 15:15 | EPA 3050B | 1,6010D | DMC |
| Cadmium, Total | ND | | mg/kg | 0.836 | 0.082 | 2 | 09/11/24 11:43 | 09/13/24 15:15 | EPA 3050B | 1,6010D | DMC |
| Calcium, Total | 67400 | | mg/kg | 8.36 | 2.93 | 2 | 09/11/24 11:43 | 09/13/24 15:15 | EPA 3050B | 1,6010D | DMC |
| Chromium, Total | 8.19 | | mg/kg | 0.836 | 0.080 | 2 | 09/11/24 11:43 | 09/13/24 15:15 | EPA 3050B | 1,6010D | DMC |
| Cobalt, Total | 4.56 | | mg/kg | 1.67 | 0.139 | 2 | 09/11/24 11:43 | 09/13/24 15:15 | EPA 3050B | 1,6010D | DMC |
| Copper, Total | 13.8 | | mg/kg | 0.836 | 0.216 | 2 | 09/11/24 11:43 | 09/13/24 15:15 | EPA 3050B | 1,6010D | DMC |
| Iron, Total | 11700 | | mg/kg | 4.18 | 0.755 | 2 | 09/11/24 11:43 | 09/13/24 15:15 | EPA 3050B | 1,6010D | DMC |
| Lead, Total | 9.62 | | mg/kg | 4.18 | 0.224 | 2 | 09/11/24 11:43 | 09/13/24 15:15 | EPA 3050B | 1,6010D | DMC |
| Magnesium, Total | 17600 | | mg/kg | 8.36 | 1.29 | 2 | 09/11/24 11:43 | 09/13/24 15:15 | EPA 3050B | 1,6010D | DMC |
| Manganese, Total | 446 | | mg/kg | 0.836 | 0.133 | 2 | 09/11/24 11:43 | 09/13/24 15:15 | EPA 3050B | 1,6010D | DMC |
| Mercury, Total | ND | | mg/kg | 0.090 | 0.059 | 1 | 09/11/24 10:55 | 09/12/24 20:16 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 9.44 | | mg/kg | 2.09 | 0.202 | 2 | 09/11/24 11:43 | 09/13/24 15:15 | EPA 3050B | 1,6010D | DMC |
| Potassium, Total | 653 | | mg/kg | 209 | 12.0 | 2 | 09/11/24 11:43 | 09/13/24 15:15 | EPA 3050B | 1,6010D | DMC |
| Selenium, Total | 0.242 | J | mg/kg | 1.67 | 0.216 | 2 | 09/11/24 11:43 | 09/13/24 15:15 | EPA 3050B | 1,6010D | DMC |
| Silver, Total | ND | | mg/kg | 0.418 | 0.237 | 2 | 09/11/24 11:43 | 09/13/24 15:15 | EPA 3050B | 1,6010D | DMC |
| Sodium, Total | 123 | J | mg/kg | 167 | 2.64 | 2 | 09/11/24 11:43 | 09/13/24 15:15 | EPA 3050B | 1,6010D | DMC |
| Thallium, Total | ND | | mg/kg | 1.67 | 0.264 | 2 | 09/11/24 11:43 | 09/13/24 15:15 | EPA 3050B | 1,6010D | DMC |
| Vanadium, Total | 14.1 | | mg/kg | 0.836 | 0.170 | 2 | 09/11/24 11:43 | 09/13/24 15:15 | EPA 3050B | 1,6010D | DMC |
| Zinc, Total | 51.4 | | mg/kg | 4.18 | 0.245 | 2 | 09/11/24 11:43 | 09/13/24 15:15 | EPA 3050B | 1,6010D | DMC |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

# Method Blank Analysis
# Batch Quality Control

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1970064-1 | | | | | | | | | | |
| Aluminum, Total | ND | | mg/kg | 4.00 | 1.08 | 1 | 09/11/24 11:43 | 09/13/24 14:01 | 1,6010D | DMC |
| Antimony, Total | ND | | mg/kg | 2.00 | 0.152 | 1 | 09/11/24 11:43 | 09/13/24 14:01 | 1,6010D | DMC |
| Arsenic, Total | ND | | mg/kg | 0.400 | 0.083 | 1 | 09/11/24 11:43 | 09/13/24 14:01 | 1,6010D | DMC |
| Barium, Total | ND | | mg/kg | 0.400 | 0.070 | 1 | 09/11/24 11:43 | 09/13/24 14:01 | 1,6010D | DMC |
| Beryllium, Total | ND | | mg/kg | 0.200 | 0.013 | 1 | 09/11/24 11:43 | 09/13/24 14:01 | 1,6010D | DMC |
| Cadmium, Total | ND | | mg/kg | 0.400 | 0.039 | 1 | 09/11/24 11:43 | 09/13/24 14:01 | 1,6010D | DMC |
| Calcium, Total | ND | | mg/kg | 4.00 | 1.40 | 1 | 09/11/24 11:43 | 09/13/24 14:01 | 1,6010D | DMC |
| Chromium, Total | ND | | mg/kg | 0.400 | 0.038 | 1 | 09/11/24 11:43 | 09/13/24 14:01 | 1,6010D | DMC |
| Cobalt, Total | ND | | mg/kg | 0.800 | 0.066 | 1 | 09/11/24 11:43 | 09/13/24 14:01 | 1,6010D | DMC |
| Copper, Total | ND | | mg/kg | 0.400 | 0.103 | 1 | 09/11/24 11:43 | 09/13/24 14:01 | 1,6010D | DMC |
| Iron, Total | 0.806 | J | mg/kg | 2.00 | 0.361 | 1 | 09/11/24 11:43 | 09/13/24 14:01 | 1,6010D | DMC |
| Lead, Total | ND | | mg/kg | 2.00 | 0.107 | 1 | 09/11/24 11:43 | 09/13/24 14:01 | 1,6010D | DMC |
| Magnesium, Total | ND | | mg/kg | 4.00 | 0.616 | 1 | 09/11/24 11:43 | 09/13/24 14:01 | 1,6010D | DMC |
| Manganese, Total | ND | | mg/kg | 0.400 | 0.064 | 1 | 09/11/24 11:43 | 09/13/24 14:01 | 1,6010D | DMC |
| Nickel, Total | ND | | mg/kg | 1.00 | 0.097 | 1 | 09/11/24 11:43 | 09/13/24 14:01 | 1,6010D | DMC |
| Potassium, Total | ND | | mg/kg | 100 | 5.76 | 1 | 09/11/24 11:43 | 09/13/24 14:01 | 1,6010D | DMC |
| Selenium, Total | ND | | mg/kg | 0.800 | 0.103 | 1 | 09/11/24 11:43 | 09/13/24 14:01 | 1,6010D | DMC |
| Silver, Total | ND | | mg/kg | 0.200 | 0.113 | 1 | 09/11/24 11:43 | 09/13/24 14:01 | 1,6010D | DMC |
| Sodium, Total | ND | | mg/kg | 80.0 | 1.26 | 1 | 09/11/24 11:43 | 09/13/24 14:01 | 1,6010D | DMC |
| Thallium, Total | ND | | mg/kg | 0.800 | 0.126 | 1 | 09/11/24 11:43 | 09/13/24 14:01 | 1,6010D | DMC |
| Vanadium, Total | ND | | mg/kg | 0.400 | 0.081 | 1 | 09/11/24 11:43 | 09/13/24 14:01 | 1,6010D | DMC |
| Zinc, Total | ND | | mg/kg | 2.00 | 0.117 | 1 | 09/11/24 11:43 | 09/13/24 14:01 | 1,6010D | DMC |

**Prep Information**

Digestion Method: EPA 3050B

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1970066-1 | | | | | | | | | | |
| Mercury, Total | ND | | mg/kg | 0.083 | 0.054 | 1 | 09/11/24 10:55 | 09/11/24 14:05 | 1,7471B | JWN |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002
**Lab Number:** L2451069
**Report Date:** 09/16/24

# Method Blank Analysis
# Batch Quality Control

**Prep Information**

Digestion Method: EPA 7471B

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2451069

**Report Date:** 09/16/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1970064-2 | | | | | | | | |
| Aluminum, Total | 95 | | - | | 80-120 | - | | |
| Antimony, Total | 101 | | - | | 80-120 | - | | |
| Arsenic, Total | 93 | | - | | 80-120 | - | | |
| Barium, Total | 97 | | - | | 80-120 | - | | |
| Beryllium, Total | 98 | | - | | 80-120 | - | | |
| Cadmium, Total | 96 | | - | | 80-120 | - | | |
| Calcium, Total | 96 | | - | | 80-120 | - | | |
| Chromium, Total | 95 | | - | | 80-120 | - | | |
| Cobalt, Total | 98 | | - | | 80-120 | - | | |
| Copper, Total | 99 | | - | | 80-120 | - | | |
| Iron, Total | 99 | | - | | 80-120 | - | | |
| Lead, Total | 95 | | - | | 80-120 | - | | |
| Magnesium, Total | 96 | | - | | 80-120 | - | | |
| Manganese, Total | 98 | | - | | 80-120 | - | | |
| Nickel, Total | 96 | | - | | 80-120 | - | | |
| Potassium, Total | 98 | | - | | 80-120 | - | | |
| Selenium, Total | 96 | | - | | 80-120 | - | | |
| Silver, Total | 98 | | - | | 80-120 | - | | |
| Sodium, Total | 97 | | - | | 80-120 | - | | |
| Thallium, Total | 94 | | - | | 80-120 | - | | |
| Vanadium, Total | 98 | | - | | 80-120 | - | | |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2451069

**Report Date:** 09/16/24

| Parameter | LCS %Recovery | LCSD %Recovery | %Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1970064-2 | | | | | |
| Zinc, Total | 96 | - | 80-120 | - | |
| Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1970066-2 | | | | | |
| Mercury, Total | 95 | - | 80-120 | - | |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2451069
**Report Date:** 09/16/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1970064-3 WG1970064-4 QC Sample: L2451431-04 Client ID: MS Sample | | | | | | | | | | | | |
| Aluminum, Total | 2120 | 159 | 2270 | 94 | | 2920 | **497** | Q | 75-125 | **25** | Q | 20 |
| Antimony, Total | ND | 39.8 | 37.7 | 95 | | 40.8 | 101 | | 75-125 | 8 | | 20 |
| Arsenic, Total | 1.63 | 9.55 | 10.6 | 94 | | 11.7 | 104 | | 75-125 | 10 | | 20 |
| Barium, Total | 25.4 | 159 | 162 | 86 | | 172 | 91 | | 75-125 | 6 | | 20 |
| Beryllium, Total | 0.148J | 3.98 | 3.97 | 100 | | 4.23 | 105 | | 75-125 | 6 | | 20 |
| Cadmium, Total | ND | 4.22 | 3.72 | 88 | | 3.94 | 92 | | 75-125 | 6 | | 20 |
| Calcium, Total | 17200 | 796 | 20100 | **364** | Q | 17800 | **74** | Q | 75-125 | 12 | | 20 |
| Chromium, Total | 8.59 | 15.9 | 21.0 | 78 | | 22.8 | 88 | | 75-125 | 8 | | 20 |
| Cobalt, Total | 2.84 | 39.8 | 38.7 | 90 | | 41.5 | 96 | | 75-125 | 7 | | 20 |
| Copper, Total | 7.84 | 19.9 | 27.1 | 97 | | 29.2 | 106 | | 75-125 | 7 | | 20 |
| Iron, Total | 8870 | 79.6 | 8020 | **0** | Q | 10400 | **1900** | Q | 75-125 | **26** | Q | 20 |
| Lead, Total | 5.09 | 42.2 | 42.2 | 88 | | 43.4 | 90 | | 75-125 | 3 | | 20 |
| Magnesium, Total | 2820 | 796 | 3420 | 75 | | 3800 | 122 | | 75-125 | 11 | | 20 |
| Manganese, Total | 175 | 39.8 | 176 | **3** | Q | 186 | **27** | Q | 75-125 | 6 | | 20 |
| Nickel, Total | 7.12 | 39.8 | 41.5 | 86 | | 44.4 | 92 | | 75-125 | 7 | | 20 |
| Potassium, Total | 176J | 796 | 894 | 112 | | 951 | 118 | | 75-125 | 6 | | 20 |
| Selenium, Total | ND | 9.55 | 8.76 | 92 | | 9.07 | 94 | | 75-125 | 3 | | 20 |
| Silver, Total | ND | 3.98 | 3.81 | 96 | | 4.06 | 101 | | 75-125 | 6 | | 20 |
| Sodium, Total | 47.9J | 796 | 803 | 101 | | 836 | 104 | | 75-125 | 4 | | 20 |
| Thallium, Total | ND | 9.55 | 8.46 | 88 | | 9.08 | 94 | | 75-125 | 7 | | 20 |
| Vanadium, Total | 12.5 | 39.8 | 49.0 | 92 | | 54.8 | 105 | | 75-125 | 11 | | 20 |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2451069
**Report Date:** 09/16/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | MSD Found | MSD %Recovery | Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1970064-3 WG1970064-4 QC Sample: L2451431-04 Client ID: MS Sample | | | | | | | | | |
| Zinc, Total | 18.3 | 39.8 | 56.8 | 97 | 58.8 | 100 | 75-125 | 3 | 20 |
| Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1970066-3 WG1970066-4 QC Sample: L2451431-04 Client ID: MS Sample | | | | | | | | | |
| Mercury, Total | ND | 1.72 | 1.63 | 95 | 1.48 | 93 | 80-120 | 10 | 20 |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

# Lab Serial Dilution Analysis
## Batch Quality Control

**Lab Number:** L2451069
**Report Date:** 09/16/24

| Parameter | Native Sample | Serial Dilution | Units | % D | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1970064-6 QC Sample: L2451431-04 Client ID: DUP Sample | | | | | | |
| Barium, Total | 25.4 | 25.8 | mg/kg | 2 | | 20 |
| Manganese, Total | 175 | 181 | mg/kg | 3 | | 20 |

# INORGANICS
# &
# MISCELLANEOUS

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2451069
**Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-01
Client ID: LAGOON-SW-N3-8.5
Sample Location: TONAWANDA,NY

Date Collected: 09/05/24 08:30
Date Received: 09/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 89.9 | | % | 0.100 | NA | 1 | - | 09/10/24 10:58 | 121,2540G | ROI |
| Cyanide, Total | ND | | mg/kg | 1.0 | 0.22 | 1 | 09/11/24 19:40 | 09/12/24 13:44 | 1,9010C/9012B | JER |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2451069
**Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-02
Client ID: LAGOON-SW-N4-8.5
Sample Location: TONAWANDA,NY

Date Collected: 09/05/24 08:35
Date Received: 09/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 76.6 | | % | 0.100 | NA | 1 | - | 09/10/24 10:58 | 121,2540G | ROI |
| Cyanide, Total | ND | | mg/kg | 1.3 | 0.27 | 1 | 09/11/24 19:40 | 09/12/24 13:51 | 1,9010C/9012B | JER |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2451069
**Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-03
Client ID: LAGOON-SW-S3-08
Sample Location: TONAWANDA,NY

Date Collected: 09/05/24 08:40
Date Received: 09/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 87.4 | | % | 0.100 | NA | 1 | - | 09/10/24 10:58 | 121,2540G | ROI |
| Cyanide, Total | ND | | mg/kg | 1.1 | 0.23 | 1 | 09/11/24 19:40 | 09/12/24 13:52 | 1,9010C/9012B | JER |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2451069
**Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-04
Client ID: LAGOON-SW-S4-08
Sample Location: TONAWANDA,NY

Date Collected: 09/05/24 08:45
Date Received: 09/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 84.5 | | % | 0.100 | NA | 1 | - | 09/10/24 10:58 | 121,2540G | ROI |
| Cyanide, Total | ND | | mg/kg | 1.1 | 0.23 | 1 | 09/11/24 19:40 | 09/12/24 13:53 | 1,9010C/9012B | JER |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2451069
**Report Date:** 09/16/24

## SAMPLE RESULTS

Lab ID: L2451069-05
Client ID: BASE-04-09
Sample Location: TONAWANDA,NY

Date Collected: 09/05/24 08:50
Date Received: 09/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 90.7 | | % | 0.100 | NA | 1 | - | 09/10/24 10:58 | 121,2540G | ROI |
| Cyanide, Total | ND | | mg/kg | 1.0 | 0.22 | 1 | 09/11/24 19:40 | 09/12/24 13:54 | 1,9010C/9012B | JER |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451069

**Project Number:** 100.002 **Report Date:** 09/16/24

# Method Blank Analysis
## Batch Quality Control

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1970455-1 | | | | | | | | | | |
| Cyanide, Total | ND | | mg/kg | 0.95 | 0.20 | 1 | 09/11/24 19:40 | 09/12/24 13:12 | 1,9010C/9012B | JER |
| General Chemistry - Westborough Lab for sample(s): 02-05 Batch: WG1970456-1 | | | | | | | | | | |
| Cyanide, Total | ND | | mg/kg | 0.85 | 0.18 | 1 | 09/11/24 19:40 | 09/12/24 13:45 | 1,9010C/9012B | JER |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2451069

**Report Date:** 09/16/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1970455-2 WG1970455-3 | | | | | | | | |
| Cyanide, Total | 81 | | **78** | Q | 80-120 | 4 | | 35 |
| General Chemistry - Westborough Lab Associated sample(s): 02-05 Batch: WG1970456-2 WG1970456-3 | | | | | | | | |
| Cyanide, Total | 93 | | 84 | | 80-120 | 11 | | 35 |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2451069
**Report Date:** 09/16/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1970455-4 WG1970455-5 QC Sample: L2450940-01 Client ID: MS Sample | | | | | | | | | | | | |
| Cyanide, Total | 0.51J | 9.5 | 9.9 | 99 | | 9.1 | 92 | | 75-125 | 8 | | 35 |
| General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1970455-6 WG1970455-7 QC Sample: L2450280-01 Client ID: MS Sample | | | | | | | | | | | | |
| Cyanide, Total | ND | 12 | 12 | 97 | | 11 | 96 | | 75-125 | 1 | | 35 |
| General Chemistry - Westborough Lab Associated sample(s): 02-05 QC Batch ID: WG1970456-4 WG1970456-5 QC Sample: L2451431-04 Client ID: MS Sample | | | | | | | | | | | | |
| Cyanide, Total | ND | 9.7 | 9.6 | 98 | | 9.7 | 98 | | 75-125 | 0 | | 35 |
| General Chemistry - Westborough Lab Associated sample(s): 02-05 QC Batch ID: WG1970456-6 WG1970456-7 QC Sample: L2451374-02 Client ID: MS Sample | | | | | | | | | | | | |
| Cyanide, Total | ND | 11 | 10 | 91 | | 10 | 93 | | 75-125 | 2 | | 35 |

# Lab Duplicate Analysis

***Batch Quality Control***

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

***Lab Number:*** L2451069

***Report Date:*** 09/16/24

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1969596-1 QC Sample: L2450963-01 Client ID: DUP Sample | | | | | | |
| Solids, Total | 7.95 | 7.69 | % | 3 | | 20 |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2451069
**Report Date:** 09/16/24

## Sample Receipt and Container Information

Were project specific reporting limits specified? YES

### Cooler Information

| Cooler | Custody Seal |
|---|---|
| A | Absent |

### Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2451069-01A | Glass 60ml unpreserved split | A | NA | | 5.5 | Y | Absent | | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180) |
| L2451069-01B | Vial Large Septa unpreserved (4oz) | A | NA | | 5.5 | Y | Absent | | NYTCL-8270(14),TCN-9010(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2451069-01C | Vial Large Septa unpreserved (4oz) | A | NA | | 5.5 | Y | Absent | | NYTCL-8260-R2(14) |
| L2451069-01X | Vial MeOH preserved split | A | NA | | 5.5 | Y | Absent | | NYTCL-8260-R2(14) |
| L2451069-01Y | Vial Water preserved split | A | NA | | 5.5 | Y | Absent | **11-SEP-24 07:43** | NYTCL-8260-R2(14) |
| L2451069-01Z | Vial Water preserved split | A | NA | | 5.5 | Y | Absent | **11-SEP-24 07:43** | NYTCL-8260-R2(14) |
| L2451069-02A | Glass 60ml unpreserved split | A | NA | | 5.5 | Y | Absent | | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180) |
| L2451069-02B | Vial Large Septa unpreserved (4oz) | A | NA | | 5.5 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2451069-02C | Vial Large Septa unpreserved (4oz) | A | NA | | 5.5 | Y | Absent | | NYTCL-8260-R2(14) |
| L2451069-02X | Vial MeOH preserved split | A | NA | | 5.5 | Y | Absent | | NYTCL-8260-R2(14) |
| L2451069-02Y | Vial Water preserved split | A | NA | | 5.5 | Y | Absent | **11-SEP-24 07:43** | NYTCL-8260-R2(14) |
| L2451069-02Z | Vial Water preserved split | A | NA | | 5.5 | Y | Absent | **11-SEP-24 07:43** | NYTCL-8260-R2(14) |
| L2451069-03A | Glass 60ml unpreserved split | A | NA | | 5.5 | Y | Absent | | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180) |



*Values in parentheses indicate holding time in days

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2451069
**Report Date:** 09/16/24

## Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2451069-03B | Vial Large Septa unpreserved (4oz) | A | NA | | 5.5 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2451069-03C | Vial Large Septa unpreserved (4oz) | A | NA | | 5.5 | Y | Absent | | NYTCL-8260-R2(14) |
| L2451069-03X | Vial MeOH preserved split | A | NA | | 5.5 | Y | Absent | | NYTCL-8260-R2(14) |
| L2451069-03Y | Vial Water preserved split | A | NA | | 5.5 | Y | Absent | **11-SEP-24 07:43** | NYTCL-8260-R2(14) |
| L2451069-03Z | Vial Water preserved split | A | NA | | 5.5 | Y | Absent | **11-SEP-24 07:43** | NYTCL-8260-R2(14) |
| L2451069-04A | Glass 60ml unpreserved split | A | NA | | 5.5 | Y | Absent | | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180) |
| L2451069-04B | Vial Large Septa unpreserved (4oz) | A | NA | | 5.5 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2451069-04C | Vial Large Septa unpreserved (4oz) | A | NA | | 5.5 | Y | Absent | | NYTCL-8260-R2(14) |
| L2451069-04X | Vial MeOH preserved split | A | NA | | 5.5 | Y | Absent | | NYTCL-8260-R2(14) |
| L2451069-04Y | Vial Water preserved split | A | NA | | 5.5 | Y | Absent | **11-SEP-24 07:43** | NYTCL-8260-R2(14) |
| L2451069-04Z | Vial Water preserved split | A | NA | | 5.5 | Y | Absent | **11-SEP-24 07:43** | NYTCL-8260-R2(14) |
| L2451069-05A | Glass 60ml unpreserved split | A | NA | | 5.5 | Y | Absent | | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180) |
| L2451069-05B | Vial Large Septa unpreserved (4oz) | A | NA | | 5.5 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2451069-05C | Vial Large Septa unpreserved (4oz) | A | NA | | 5.5 | Y | Absent | | NYTCL-8260-R2(14) |
| L2451069-05X | Vial MeOH preserved split | A | NA | | 5.5 | Y | Absent | | NYTCL-8260-R2(14) |
| L2451069-05Y | Vial Water preserved split | A | NA | | 5.5 | Y | Absent | **11-SEP-24 07:43** | NYTCL-8260-R2(14) |
| L2451069-05Z | Vial Water preserved split | A | NA | | 5.5 | Y | Absent | **11-SEP-24 07:43** | NYTCL-8260-R2(14) |



*Values in parentheses indicate holding time in days

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2451069 |
| **Project Number:** | 100.002 | **Report Date:** | 09/16/24 |

## GLOSSARY

***Acronyms***

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

*Report Format: DU Report with 'J' Qualifiers*

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2451069 |
| **Project Number:** | 100.002 | **Report Date:** | 09/16/24 |

***Footnotes***

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

***Terms***

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

***Data Qualifiers***

**A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

**B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

**C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

**D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

**E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

**F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

**G** - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

**H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

**I** - The lower value for the two columns has been reported due to obvious interference.

**J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

*Report Format: DU Report with 'J' Qualifiers*

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2451069 |
| **Project Number:** | 100.002 | **Report Date:** | 09/16/24 |

***Data Qualifiers***

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

**M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

**ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

**NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

**P** - The RPD between the results for the two columns exceeds the method-specified criteria.

**Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

**R** - Analytical results are from sample re-analysis.

**RE** - Analytical results are from sample re-extraction.

**S** - Analytical results are from modified screening analysis.

**V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

**Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2451069 |
| **Project Number:** | 100.002 | **Report Date:** | 09/16/24 |

## REFERENCES


1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.


## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

# Certification Information

**The following analytes are not included in our Primary NELAP Scope of Accreditation:**

**Westborough Facility**
**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene
**EPA 625.1:** alpha-Terpineol
**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
**EPA 8270E:** NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
**SM4500**: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

**Mansfield Facility**
**SM 2540D:** TSS.
**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
**Nonpotable Water: EPA RSK-175 Dissolved Gases**
**Biological Tissue Matrix:** EPA 3050B

**The following analytes are included in our Massachusetts DEP Scope of Accreditation**

**Westborough Facility:**

***Drinking Water***
**EPA 300.0**: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
**EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
**Microbiology**: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

***Non-Potable Water***
**SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
**EPA 624.1**: Volatile Halocarbons & Aromatics,
**EPA 608.3**: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
**EPA 625.1**: SVOC (Acid/Base/Neutral Extractables).
**Microbiology**: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

**Mansfield Facility:**

***Drinking Water***
**EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
**EPA 522, EPA 537.1.**

***Non-Potable Water***
**EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
**EPA 200.8:** Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
**EPA 245.1** Hg.
**SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

L2451069 13SEP24
LEADERPRO

# NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab 9/7/24

**Client Information**
Client: Marsh Landell
Address: 271 Marsh Rd, Suite 2
Pittsford, NY 14534
Phone: 585-248-2413
Fax:
Email: BAhrens@leaderlink.com

**Project Information**
Project Name: Bisonite Paint Co
Project Location: Tonawanda, NY
Project # 100.002
(Use Project name as Project #) ☐
Project Manager: Bruce Ahrens
ALPHAQuote #:

**Turn-Around Time**
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

**Deliverables**
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

**Regulatory Requirement**
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

**Billing Information**
☒ Same as Client Info
PO #

**Disposal Site Information**
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☑ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

**Other project specific requirements/comments:**

**Please specify Metals or TAL.**

**ANALYSIS**

**Sample Filtration**
☐ Done
☐ Lab to do
**Preservation**
☒ Lab to do
*(Please Specify below)*

| ALPHA Lab ID (Lab Use Only) | Sample ID | Collection Date | Collection Time | Sample Matrix | Sampler's Initials | TCL VOCs | TCL SVOCs | TAL metals + cyanide + mercury | TCL Herbicides | TCL pesticides | PCBs | Sample Specific Comments | Total # Bottles |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 51069-01 | lagoon-SW-N3-0.5 | 9/5/24 | 08:30 | SOIL | ES | X | X | X | X | X | X | | 2 |
| -02 | lagoon-SW-N4-0.5 | 9/5/24 | 08:35 | SOIL | ES | X | X | X | X | X | X | | 2 |
| -03 | lagoon-SW-S3-0.5 | 9/5/24 | 08:40 | SOIL | ES | X | X | X | X | X | X | | 2 |
| -04 | lagoon-SW-S4-0.5 | 9/5/24 | 08:45 | SOIL | ES | X | X | X | X | X | X | | 2 |
| -05 | Base-04-0.5 | 9/5/24 | 08:50 | SOIL | ES | X | X | X | X | X | X | | |

Container Type: A A A A A A
Preservative: A A A A A A

Preservative Code:
A = None
B = HCl
C = $HNO_3$
D = $H_2SO_4$
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

| Relinquished By: | Date/Time | Received By: | Date/Time |
|---|---|---|---|
| | 9/6/24 13:55 | PACE | 9/6/24 1355 |
| PACE | 9/6/24 1355 | PEOPARD SERVICE CENTER | |
| Russell B. Bisbey | 9/6/24 16:40 | | |
| | 9/6 | | 9/7/24 09:00 |

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

# ANALYTICAL REPORT

| | |
|---|---|
| Lab Number: | L2451670 |
| Client: | Leader Professional Services, Inc.<br>271 Marsh Road, Suite 2<br>Pittsford, NY 14534 |
| ATTN: | Bruce Ahrens |
| Phone: | (585) 248-2413 |
| Project Name: | BISONITE PAINT CO. |
| Project Number: | 100.002 |
| Report Date: | 09/18/24 |

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2451670
**Report Date:** 09/18/24

| Alpha Sample ID | Client ID | Matrix | Sample Location | Collection Date/Time | Receive Date |
|---|---|---|---|---|---|
| L2451670-01 | LAGOON-SW-S5-06 | SOIL | 2266 MILITARY RD | 09/09/24 13:00 | 09/10/24 |

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2451670 |
| **Project Number:** | 100.002 | **Report Date:** | 09/18/24 |

## Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2451670 |
| **Project Number:** | 100.002 | **Report Date:** | 09/18/24 |

**Case Narrative (continued)**

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2451670-01: Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Total Metals

L2451670-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 09/18/24

# ORGANICS

# VOLATILES

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451670

**Project Number:** 100.002 **Report Date:** 09/18/24

## SAMPLE RESULTS

Lab ID: L2451670-01
Client ID: LAGOON-SW-S5-06
Sample Location: 2266 MILITARY RD

Date Collected: 09/09/24 13:00
Date Received: 09/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/16/24 12:42
Analyst: TMH
Percent Solids: 86%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 6.8 | 3.1 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.4 | 0.20 | 1 |
| Chloroform | ND | | ug/kg | 2.0 | 0.19 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.4 | 0.31 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.4 | 0.17 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.4 | 0.19 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.4 | 0.36 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.68 | 0.26 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.68 | 0.17 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 5.4 | 0.94 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.4 | 0.35 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.68 | 0.23 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.68 | 0.15 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.4 | 0.37 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.68 | 0.21 | 1 |
| Bromoform | ND | | ug/kg | 5.4 | 0.33 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.68 | 0.22 | 1 |
| Benzene | ND | | ug/kg | 0.68 | 0.22 | 1 |
| Toluene | ND | | ug/kg | 1.4 | 0.74 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.4 | 0.19 | 1 |
| Chloromethane | ND | | ug/kg | 5.4 | 1.3 | 1 |
| Bromomethane | ND | | ug/kg | 2.7 | 0.79 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.4 | 0.45 | 1 |
| Chloroethane | ND | | ug/kg | 2.7 | 0.61 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.4 | 0.32 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 2.0 | 0.18 | 1 |
| Trichloroethene | ND | | ug/kg | 0.68 | 0.18 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.7 | 0.19 | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451670

**Project Number:** 100.002 **Report Date:** 09/18/24

## SAMPLE RESULTS

Lab ID: L2451670-01 Date Collected: 09/09/24 13:00

Client ID: LAGOON-SW-S5-06 Date Received: 09/10/24

Sample Location: 2266 MILITARY RD Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.7 | 0.20 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.7 | 0.23 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.7 | 0.27 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.7 | 0.76 | 1 |
| o-Xylene | ND | | ug/kg | 1.4 | 0.39 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.4 | 0.24 | 1 |
| Styrene | ND | | ug/kg | 1.4 | 0.26 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 14 | 1.2 | 1 |
| Acetone | 9.0 | J | ug/kg | 14 | 6.5 | 1 |
| Carbon disulfide | ND | | ug/kg | 14 | 6.2 | 1 |
| 2-Butanone | ND | | ug/kg | 14 | 3.0 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 14 | 1.7 | 1 |
| 2-Hexanone | ND | | ug/kg | 14 | 1.6 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.7 | 0.28 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.4 | 0.38 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 4.1 | 1.4 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.4 | 0.15 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.7 | 0.44 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.7 | 0.37 | 1 |
| Methyl Acetate | ND | | ug/kg | 5.4 | 1.3 | 1 |
| Cyclohexane | ND | | ug/kg | 14 | 0.74 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 110 | 48. | 1 |
| Freon-113 | ND | | ug/kg | 5.4 | 0.94 | 1 |
| Methyl cyclohexane | ND | | ug/kg | 5.4 | 0.82 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 114 | | 70-130 |
| Toluene-d8 | 98 | | 70-130 |
| 4-Bromofluorobenzene | 83 | | 70-130 |
| Dibromofluoromethane | 107 | | 70-130 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451670

**Project Number:** 100.002 **Report Date:** 09/18/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/16/24 10:06
Analyst: AJK

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1972170-5 | | | | | |
| Methylene chloride | ND | | ug/kg | 5.0 | 2.3 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.0 | 0.14 |
| Chloroform | ND | | ug/kg | 1.5 | 0.14 |
| Carbon tetrachloride | ND | | ug/kg | 1.0 | 0.23 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.0 | 0.12 |
| Dibromochloromethane | ND | | ug/kg | 1.0 | 0.14 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.0 | 0.27 |
| Tetrachloroethene | ND | | ug/kg | 0.50 | 0.20 |
| Chlorobenzene | ND | | ug/kg | 0.50 | 0.13 |
| Trichlorofluoromethane | ND | | ug/kg | 4.0 | 0.70 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.0 | 0.26 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.50 | 0.17 |
| Bromodichloromethane | ND | | ug/kg | 0.50 | 0.11 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.0 | 0.27 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.50 | 0.16 |
| Bromoform | ND | | ug/kg | 4.0 | 0.25 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.50 | 0.17 |
| Benzene | ND | | ug/kg | 0.50 | 0.17 |
| Toluene | ND | | ug/kg | 1.0 | 0.54 |
| Ethylbenzene | ND | | ug/kg | 1.0 | 0.14 |
| Chloromethane | ND | | ug/kg | 4.0 | 0.93 |
| Bromomethane | ND | | ug/kg | 2.0 | 0.58 |
| Vinyl chloride | ND | | ug/kg | 1.0 | 0.34 |
| Chloroethane | ND | | ug/kg | 2.0 | 0.45 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.0 | 0.24 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.5 | 0.14 |
| Trichloroethene | ND | | ug/kg | 0.50 | 0.14 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.14 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.15 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451670

**Project Number:** 100.002 **Report Date:** 09/18/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/16/24 10:06
Analyst: AJK

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1972170-5 | | | | | |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.17 |
| Methyl tert butyl ether | ND | | ug/kg | 2.0 | 0.20 |
| p/m-Xylene | ND | | ug/kg | 2.0 | 0.56 |
| o-Xylene | ND | | ug/kg | 1.0 | 0.29 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.0 | 0.18 |
| Styrene | ND | | ug/kg | 1.0 | 0.20 |
| Dichlorodifluoromethane | ND | | ug/kg | 10 | 0.92 |
| Acetone | ND | | ug/kg | 10 | 4.8 |
| Carbon disulfide | ND | | ug/kg | 10 | 4.6 |
| 2-Butanone | ND | | ug/kg | 10 | 2.2 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 10 | 1.3 |
| 2-Hexanone | ND | | ug/kg | 10 | 1.2 |
| Bromochloromethane | ND | | ug/kg | 2.0 | 0.20 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.0 | 0.28 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.0 | 1.0 |
| Isopropylbenzene | ND | | ug/kg | 1.0 | 0.11 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.32 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.27 |
| Methyl Acetate | ND | | ug/kg | 4.0 | 0.95 |
| Cyclohexane | ND | | ug/kg | 10 | 0.54 |
| 1,4-Dioxane | ND | | ug/kg | 80 | 35. |
| Freon-113 | ND | | ug/kg | 4.0 | 0.69 |
| Methyl cyclohexane | ND | | ug/kg | 4.0 | 0.60 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451670

**Project Number:** 100.002 **Report Date:** 09/18/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/16/24 10:06
Analyst: AJK

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1972170-5 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 112 | | 70-130 |
| Toluene-d8 | 104 | | 70-130 |
| 4-Bromofluorobenzene | 92 | | 70-130 |
| Dibromofluoromethane | 105 | | 70-130 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2451670

**Report Date:** 09/18/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1972170-3 WG1972170-4 | | | | | | | | |
| Methylene chloride | 99 | | 91 | | 70-130 | 8 | | 30 |
| 1,1-Dichloroethane | 98 | | 90 | | 70-130 | 9 | | 30 |
| Chloroform | 97 | | 94 | | 70-130 | 3 | | 30 |
| Carbon tetrachloride | 94 | | 90 | | 70-130 | 4 | | 30 |
| 1,2-Dichloropropane | 93 | | 91 | | 70-130 | 2 | | 30 |
| Dibromochloromethane | 97 | | 96 | | 70-130 | 1 | | 30 |
| 1,1,2-Trichloroethane | 95 | | 92 | | 70-130 | 3 | | 30 |
| Tetrachloroethene | 99 | | 98 | | 70-130 | 1 | | 30 |
| Chlorobenzene | 96 | | 91 | | 70-130 | 5 | | 30 |
| Trichlorofluoromethane | 114 | | 110 | | 70-139 | 4 | | 30 |
| 1,2-Dichloroethane | 103 | | 101 | | 70-130 | 2 | | 30 |
| 1,1,1-Trichloroethane | 102 | | 99 | | 70-130 | 3 | | 30 |
| Bromodichloromethane | 97 | | 95 | | 70-130 | 2 | | 30 |
| trans-1,3-Dichloropropene | 97 | | 94 | | 70-130 | 3 | | 30 |
| cis-1,3-Dichloropropene | 94 | | 93 | | 70-130 | 1 | | 30 |
| Bromoform | 97 | | 93 | | 70-130 | 4 | | 30 |
| 1,1,2,2-Tetrachloroethane | 96 | | 93 | | 70-130 | 3 | | 30 |
| Benzene | 94 | | 90 | | 70-130 | 4 | | 30 |
| Toluene | 97 | | 94 | | 70-130 | 3 | | 30 |
| Ethylbenzene | 95 | | 90 | | 70-130 | 5 | | 30 |
| Chloromethane | 112 | | 100 | | 52-130 | 11 | | 30 |
| Bromomethane | **157** | Q | **148** | Q | 57-147 | 6 | | 30 |
| Vinyl chloride | 104 | | 97 | | 67-130 | 7 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2451670

**Report Date:** 09/18/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1972170-3 WG1972170-4 | | | | | | | | |
| Chloroethane | 111 | | 104 | | 50-151 | 7 | | 30 |
| 1,1-Dichloroethene | 93 | | 86 | | 65-135 | 8 | | 30 |
| trans-1,2-Dichloroethene | 92 | | 86 | | 70-130 | 7 | | 30 |
| Trichloroethene | 93 | | 89 | | 70-130 | 4 | | 30 |
| 1,2-Dichlorobenzene | 97 | | 91 | | 70-130 | 6 | | 30 |
| 1,3-Dichlorobenzene | 99 | | 95 | | 70-130 | 4 | | 30 |
| 1,4-Dichlorobenzene | 97 | | 93 | | 70-130 | 4 | | 30 |
| Methyl tert butyl ether | 103 | | 96 | | 66-130 | 7 | | 30 |
| p/m-Xylene | 96 | | 93 | | 70-130 | 3 | | 30 |
| o-Xylene | 95 | | 92 | | 70-130 | 3 | | 30 |
| cis-1,2-Dichloroethene | 91 | | 86 | | 70-130 | 6 | | 30 |
| Styrene | 102 | | 97 | | 70-130 | 5 | | 30 |
| Dichlorodifluoromethane | 101 | | 96 | | 30-146 | 5 | | 30 |
| Acetone | 96 | | 94 | | 54-140 | 2 | | 30 |
| Carbon disulfide | 90 | | 81 | | 59-130 | 11 | | 30 |
| 2-Butanone | 98 | | 96 | | 70-130 | 2 | | 30 |
| 4-Methyl-2-pentanone | 94 | | 91 | | 70-130 | 3 | | 30 |
| 2-Hexanone | 97 | | 95 | | 70-130 | 2 | | 30 |
| Bromochloromethane | 95 | | 93 | | 70-130 | 2 | | 30 |
| 1,2-Dibromoethane | 98 | | 96 | | 70-130 | 2 | | 30 |
| 1,2-Dibromo-3-chloropropane | 90 | | 86 | | 68-130 | 5 | | 30 |
| Isopropylbenzene | 92 | | 85 | | 70-130 | 8 | | 30 |
| 1,2,3-Trichlorobenzene | 98 | | 93 | | 70-130 | 5 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2451670

**Report Date:** 09/18/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1972170-3 WG1972170-4 | | | | | | | | |
| 1,2,4-Trichlorobenzene | 100 | | 94 | | 70-130 | 6 | | 30 |
| Methyl Acetate | 105 | | 98 | | 51-146 | 7 | | 30 |
| Cyclohexane | 98 | | 91 | | 59-142 | 7 | | 30 |
| 1,4-Dioxane | 85 | | 82 | | 65-136 | 4 | | 30 |
| Freon-113 | 99 | | 90 | | 50-139 | 10 | | 30 |
| Methyl cyclohexane | 92 | | 88 | | 70-130 | 4 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 109 | | 111 | | 70-130 |
| Toluene-d8 | 97 | | 99 | | 70-130 |
| 4-Bromofluorobenzene | 96 | | 88 | | 70-130 |
| Dibromofluoromethane | 102 | | 102 | | 70-130 |

# SEMIVOLATILES

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451670

**Project Number:** 100.002 **Report Date:** 09/18/24

## SAMPLE RESULTS

Lab ID: L2451670-01
Client ID: LAGOON-SW-S5-06
Sample Location: 2266 MILITARY RD

Date Collected: 09/09/24 13:00
Date Received: 09/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/16/24 05:54
Analyst: EK
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 09/15/24 08:47

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 150 | 20. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 110 | 21. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 170 | 26. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 190 | 19. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 190 | 50. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 190 | 38. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 190 | 32. | 1 |
| Fluoranthene | 88 | J | ug/kg | 110 | 22. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 190 | 20. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 190 | 29. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 230 | 32. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 200 | 19. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 190 | 28. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 540 | 170 | 1 |
| Hexachloroethane | ND | | ug/kg | 150 | 31. | 1 |
| Isophorone | ND | | ug/kg | 170 | 25. | 1 |
| Naphthalene | ND | | ug/kg | 190 | 23. | 1 |
| Nitrobenzene | ND | | ug/kg | 170 | 28. | 1 |
| NDPA/DPA | ND | | ug/kg | 150 | 22. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 190 | 29. | 1 |
| Bis(2-ethylhexyl)phthalate | 97 | J | ug/kg | 190 | 66. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 190 | 48. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 190 | 36. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 190 | 64. | 1 |
| Diethyl phthalate | ND | | ug/kg | 190 | 18. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 190 | 40. | 1 |
| Benzo(a)anthracene | 27 | J | ug/kg | 110 | 21. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 150 | 46. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451670

**Project Number:** 100.002 **Report Date:** 09/18/24

**SAMPLE RESULTS**

Lab ID: L2451670-01 Date Collected: 09/09/24 13:00

Client ID: LAGOON-SW-S5-06 Date Received: 09/10/24

Sample Location: 2266 MILITARY RD Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | 50 | J | ug/kg | 110 | 32. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 110 | 30. | 1 |
| Chrysene | 40 | J | ug/kg | 110 | 20. | 1 |
| Acenaphthylene | ND | | ug/kg | 150 | 29. | 1 |
| Anthracene | ND | | ug/kg | 110 | 37. | 1 |
| Benzo(ghi)perylene | 24 | J | ug/kg | 150 | 22. | 1 |
| Fluorene | ND | | ug/kg | 190 | 18. | 1 |
| Phenanthrene | ND | | ug/kg | 110 | 23. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 110 | 22. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 150 | 26. | 1 |
| Pyrene | 67 | J | ug/kg | 110 | 19. | 1 |
| Biphenyl | ND | | ug/kg | 430 | 25. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 190 | 34. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 190 | 36. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 190 | 36. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 190 | 78. | 1 |
| Dibenzofuran | ND | | ug/kg | 190 | 18. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 230 | 23. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 190 | 20. | 1 |
| Acetophenone | ND | | ug/kg | 190 | 23. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 110 | 36. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 190 | 28. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 190 | 22. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 170 | 30. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 190 | 62. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 410 | 71. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 260 | 77. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 910 | 88. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 490 | 91. | 1 |
| Pentachlorophenol | ND | | ug/kg | 150 | 42. | 1 |
| Phenol | ND | | ug/kg | 190 | 29. | 1 |
| 2-Methylphenol | ND | | ug/kg | 190 | 29. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 270 | 30. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 190 | 36. | 1 |
| Carbazole | ND | | ug/kg | 190 | 18. | 1 |
| Atrazine | ND | | ug/kg | 150 | 66. | 1 |
| Benzaldehyde | ND | | ug/kg | 250 | 51. | 1 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451670

**Project Number:** 100.002 **Report Date:** 09/18/24

## SAMPLE RESULTS

Lab ID: L2451670-01 Date Collected: 09/09/24 13:00

Client ID: LAGOON-SW-S5-06 Date Received: 09/10/24

Sample Location: 2266 MILITARY RD Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 190 | 58. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 190 | 38. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 78 | | 25-120 |
| Phenol-d6 | 76 | | 10-120 |
| Nitrobenzene-d5 | 76 | | 23-120 |
| 2-Fluorobiphenyl | 70 | | 30-120 |
| 2,4,6-Tribromophenol | 84 | | 10-136 |
| 4-Terphenyl-d14 | 61 | | 18-120 |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451670

**Project Number:** 100.002 **Report Date:** 09/18/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/16/24 01:10
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/15/24 08:47

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1971792-1 | | | | | |
| Acenaphthene | ND | | ug/kg | 130 | 17. |
| Hexachlorobenzene | ND | | ug/kg | 100 | 18. |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 150 | 22. |
| 2-Chloronaphthalene | ND | | ug/kg | 160 | 16. |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 160 | 44. |
| 2,4-Dinitrotoluene | ND | | ug/kg | 160 | 33. |
| 2,6-Dinitrotoluene | ND | | ug/kg | 160 | 28. |
| Fluoranthene | ND | | ug/kg | 100 | 19. |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 160 | 18. |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 160 | 25. |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 200 | 28. |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 180 | 17. |
| Hexachlorobutadiene | ND | | ug/kg | 160 | 24. |
| Hexachlorocyclopentadiene | ND | | ug/kg | 470 | 150 |
| Hexachloroethane | ND | | ug/kg | 130 | 27. |
| Isophorone | ND | | ug/kg | 150 | 22. |
| Naphthalene | ND | | ug/kg | 160 | 20. |
| Nitrobenzene | ND | | ug/kg | 150 | 24. |
| NDPA/DPA | ND | | ug/kg | 130 | 19. |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 160 | 26. |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 160 | 57. |
| Butyl benzyl phthalate | ND | | ug/kg | 160 | 42. |
| Di-n-butylphthalate | ND | | ug/kg | 160 | 31. |
| Di-n-octylphthalate | ND | | ug/kg | 160 | 56. |
| Diethyl phthalate | ND | | ug/kg | 160 | 15. |
| Dimethyl phthalate | ND | | ug/kg | 160 | 35. |
| Benzo(a)anthracene | ND | | ug/kg | 100 | 19. |
| Benzo(a)pyrene | ND | | ug/kg | 130 | 40. |
| Benzo(b)fluoranthene | ND | | ug/kg | 100 | 28. |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451670

**Project Number:** 100.002 **Report Date:** 09/18/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/16/24 01:10
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/15/24 08:47

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1971792-1 | | | | | |
| Benzo(k)fluoranthene | ND | | ug/kg | 100 | 26. |
| Chrysene | ND | | ug/kg | 100 | 17. |
| Acenaphthylene | ND | | ug/kg | 130 | 26. |
| Anthracene | ND | | ug/kg | 100 | 32. |
| Benzo(ghi)perylene | ND | | ug/kg | 130 | 20. |
| Fluorene | ND | | ug/kg | 160 | 16. |
| Phenanthrene | ND | | ug/kg | 100 | 20. |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 100 | 19. |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 130 | 23. |
| Pyrene | ND | | ug/kg | 100 | 16. |
| Biphenyl | ND | | ug/kg | 380 | 22. |
| 4-Chloroaniline | ND | | ug/kg | 160 | 30. |
| 2-Nitroaniline | ND | | ug/kg | 160 | 32. |
| 3-Nitroaniline | ND | | ug/kg | 160 | 31. |
| 4-Nitroaniline | ND | | ug/kg | 160 | 69. |
| Dibenzofuran | ND | | ug/kg | 160 | 16. |
| 2-Methylnaphthalene | ND | | ug/kg | 200 | 20. |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 160 | 17. |
| Acetophenone | ND | | ug/kg | 160 | 20. |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 100 | 31. |
| p-Chloro-m-cresol | ND | | ug/kg | 160 | 25. |
| 2-Chlorophenol | ND | | ug/kg | 160 | 20. |
| 2,4-Dichlorophenol | ND | | ug/kg | 150 | 27. |
| 2,4-Dimethylphenol | ND | | ug/kg | 160 | 55. |
| 2-Nitrophenol | ND | | ug/kg | 360 | 62. |
| 4-Nitrophenol | ND | | ug/kg | 230 | 68. |
| 2,4-Dinitrophenol | ND | | ug/kg | 800 | 77. |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 430 | 80. |
| Pentachlorophenol | ND | | ug/kg | 130 | 36. |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451670

**Project Number:** 100.002 **Report Date:** 09/18/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/16/24 01:10
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/15/24 08:47

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1971792-1 | | | | | |
| Phenol | ND | | ug/kg | 160 | 25. |
| 2-Methylphenol | ND | | ug/kg | 160 | 26. |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 240 | 26. |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 160 | 32. |
| Carbazole | ND | | ug/kg | 160 | 16. |
| Atrazine | ND | | ug/kg | 130 | 58. |
| Benzaldehyde | ND | | ug/kg | 220 | 45. |
| Caprolactam | ND | | ug/kg | 160 | 50. |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 160 | 33. |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 66 | | 25-120 |
| Phenol-d6 | 65 | | 10-120 |
| Nitrobenzene-d5 | 58 | | 23-120 |
| 2-Fluorobiphenyl | 59 | | 30-120 |
| 2,4,6-Tribromophenol | 57 | | 10-136 |
| 4-Terphenyl-d14 | 67 | | 18-120 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2451670
**Report Date:** 09/18/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1971792-2 WG1971792-3 | | | | | | | | |
| Acenaphthene | 61 | | 62 | | 31-137 | 2 | | 50 |
| Hexachlorobenzene | 62 | | 64 | | 40-140 | 3 | | 50 |
| Bis(2-chloroethyl)ether | 60 | | 61 | | 40-140 | 2 | | 50 |
| 2-Chloronaphthalene | 60 | | 62 | | 40-140 | 3 | | 50 |
| 3,3'-Dichlorobenzidine | 51 | | 55 | | 40-140 | 8 | | 50 |
| 2,4-Dinitrotoluene | 67 | | 69 | | 40-132 | 3 | | 50 |
| 2,6-Dinitrotoluene | 66 | | 66 | | 40-140 | 0 | | 50 |
| Fluoranthene | 64 | | 64 | | 40-140 | 0 | | 50 |
| 4-Chlorophenyl phenyl ether | 63 | | 64 | | 40-140 | 2 | | 50 |
| 4-Bromophenyl phenyl ether | 63 | | 64 | | 40-140 | 2 | | 50 |
| Bis(2-chloroisopropyl)ether | 56 | | 59 | | 40-140 | 5 | | 50 |
| Bis(2-chloroethoxy)methane | 63 | | 66 | | 40-117 | 5 | | 50 |
| Hexachlorobutadiene | 54 | | 60 | | 40-140 | 11 | | 50 |
| Hexachlorocyclopentadiene | **24** | Q | **25** | Q | 40-140 | 4 | | 50 |
| Hexachloroethane | 62 | | 62 | | 40-140 | 0 | | 50 |
| Isophorone | 55 | | 57 | | 40-140 | 4 | | 50 |
| Naphthalene | 60 | | 64 | | 40-140 | 6 | | 50 |
| Nitrobenzene | 56 | | 60 | | 40-140 | 7 | | 50 |
| NDPA/DPA | 61 | | 64 | | 36-157 | 5 | | 50 |
| n-Nitrosodi-n-propylamine | 57 | | 60 | | 32-121 | 5 | | 50 |
| Bis(2-ethylhexyl)phthalate | 69 | | 72 | | 40-140 | 4 | | 50 |
| Butyl benzyl phthalate | 73 | | 72 | | 40-140 | 1 | | 50 |
| Di-n-butylphthalate | 69 | | 71 | | 40-140 | 3 | | 50 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2451670

**Report Date:** 09/18/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1971792-2 WG1971792-3 | | | | | | | | |
| Di-n-octylphthalate | 70 | | 72 | | 40-140 | 3 | | 50 |
| Diethyl phthalate | 66 | | 67 | | 40-140 | 2 | | 50 |
| Dimethyl phthalate | 62 | | 64 | | 40-140 | 3 | | 50 |
| Benzo(a)anthracene | 61 | | 64 | | 40-140 | 5 | | 50 |
| Benzo(a)pyrene | 63 | | 66 | | 40-140 | 5 | | 50 |
| Benzo(b)fluoranthene | 64 | | 64 | | 40-140 | 0 | | 50 |
| Benzo(k)fluoranthene | 60 | | 65 | | 40-140 | 8 | | 50 |
| Chrysene | 62 | | 64 | | 40-140 | 3 | | 50 |
| Acenaphthylene | 60 | | 64 | | 40-140 | 6 | | 50 |
| Anthracene | 63 | | 64 | | 40-140 | 2 | | 50 |
| Benzo(ghi)perylene | 62 | | 62 | | 40-140 | 0 | | 50 |
| Fluorene | 62 | | 64 | | 40-140 | 3 | | 50 |
| Phenanthrene | 60 | | 63 | | 40-140 | 5 | | 50 |
| Dibenzo(a,h)anthracene | 64 | | 63 | | 40-140 | 2 | | 50 |
| Indeno(1,2,3-cd)pyrene | 62 | | 64 | | 40-140 | 3 | | 50 |
| Pyrene | 63 | | 64 | | 35-142 | 2 | | 50 |
| Biphenyl | 62 | | 64 | | 37-127 | 3 | | 50 |
| 4-Chloroaniline | **37** | Q | 42 | | 40-140 | 13 | | 50 |
| 2-Nitroaniline | 71 | | 74 | | 47-134 | 4 | | 50 |
| 3-Nitroaniline | 58 | | 63 | | 26-129 | 8 | | 50 |
| 4-Nitroaniline | 71 | | 72 | | 41-125 | 1 | | 50 |
| Dibenzofuran | 60 | | 63 | | 40-140 | 5 | | 50 |
| 2-Methylnaphthalene | 61 | | 66 | | 40-140 | 8 | | 50 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2451670

**Report Date:** 09/18/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1971792-2 WG1971792-3 | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | 60 | | 64 | | 40-117 | 6 | | 50 |
| Acetophenone | 66 | | 69 | | 14-144 | 4 | | 50 |
| 2,4,6-Trichlorophenol | 56 | | 62 | | 30-130 | 10 | | 50 |
| p-Chloro-m-cresol | 64 | | 66 | | 26-103 | 3 | | 50 |
| 2-Chlorophenol | 66 | | 68 | | 25-102 | 3 | | 50 |
| 2,4-Dichlorophenol | 62 | | 65 | | 30-130 | 5 | | 50 |
| 2,4-Dimethylphenol | 48 | | 49 | | 30-130 | 2 | | 50 |
| 2-Nitrophenol | 65 | | 66 | | 30-130 | 2 | | 50 |
| 4-Nitrophenol | 72 | | 74 | | 11-114 | 3 | | 50 |
| 2,4-Dinitrophenol | 59 | | 58 | | 4-130 | 2 | | 50 |
| 4,6-Dinitro-o-cresol | 60 | | 62 | | 10-130 | 3 | | 50 |
| Pentachlorophenol | 54 | | 54 | | 17-109 | 0 | | 50 |
| Phenol | 60 | | 62 | | 26-90 | 3 | | 50 |
| 2-Methylphenol | 63 | | 66 | | 30-130. | 5 | | 50 |
| 3-Methylphenol/4-Methylphenol | 62 | | 65 | | 30-130 | 5 | | 50 |
| 2,4,5-Trichlorophenol | 63 | | 65 | | 30-130 | 3 | | 50 |
| Carbazole | 64 | | 64 | | 54-128 | 0 | | 50 |
| Atrazine | 68 | | 69 | | 40-140 | 1 | | 50 |
| Benzaldehyde | 62 | | 67 | | 40-140 | 8 | | 50 |
| Caprolactam | 70 | | 72 | | 15-130 | 3 | | 50 |
| 2,3,4,6-Tetrachlorophenol | 66 | | 68 | | 40-140 | 3 | | 50 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2451670

**Report Date:** 09/18/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1971792-2 WG1971792-3 | | | | | | | | |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 2-Fluorophenol | 66 | | 68 | | 25-120 |
| Phenol-d6 | 64 | | 67 | | 10-120 |
| Nitrobenzene-d5 | 59 | | 62 | | 23-120 |
| 2-Fluorobiphenyl | 57 | | 60 | | 30-120 |
| 2,4,6-Tribromophenol | 62 | | 62 | | 10-136 |
| 4-Terphenyl-d14 | 66 | | 65 | | 18-120 |

# PCBS

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2451670
**Project Number:** 100.002
**Report Date:** 09/18/24

## SAMPLE RESULTS

Lab ID: L2451670-01
Client ID: LAGOON-SW-S5-06
Sample Location: 2266 MILITARY RD

Date Collected: 09/09/24 13:00
Date Received: 09/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/17/24 08:38
Analyst: MHG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 09/16/24 10:38
Cleanup Method: EPA 3665A
Cleanup Date: 09/16/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/17/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 55.3 | 4.91 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 55.3 | 5.54 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 55.3 | 11.7 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 55.3 | 7.45 | 1 | A |
| Aroclor 1248 | 55.5 | | ug/kg | 55.3 | 8.30 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 55.3 | 6.05 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 55.3 | 10.2 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 55.3 | 7.02 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 55.3 | 5.73 | 1 | A |
| PCBs, Total | 55.5 | | ug/kg | 55.3 | 4.91 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 65 | | 30-150 | A |
| Decachlorobiphenyl | 62 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 66 | | 30-150 | B |
| Decachlorobiphenyl | 65 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451670

**Project Number:** 100.002 **Report Date:** 09/18/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/17/24 01:03
Analyst: MHG

Extraction Method: EPA 3546
Extraction Date: 09/16/24 10:38
Cleanup Method: EPA 3665A
Cleanup Date: 09/16/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/24

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1972082-1 | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 48.8 | 4.34 | A |
| Aroclor 1221 | ND | | ug/kg | 48.8 | 4.89 | A |
| Aroclor 1232 | ND | | ug/kg | 48.8 | 10.4 | A |
| Aroclor 1242 | ND | | ug/kg | 48.8 | 6.58 | A |
| Aroclor 1248 | ND | | ug/kg | 48.8 | 7.32 | A |
| Aroclor 1254 | ND | | ug/kg | 48.8 | 5.34 | A |
| Aroclor 1260 | ND | | ug/kg | 48.8 | 9.02 | A |
| Aroclor 1262 | ND | | ug/kg | 48.8 | 6.20 | A |
| Aroclor 1268 | ND | | ug/kg | 48.8 | 5.06 | A |
| PCBs, Total | ND | | ug/kg | 48.8 | 4.34 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 57 | | 30-150 | A |
| Decachlorobiphenyl | 62 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 57 | | 30-150 | B |
| Decachlorobiphenyl | 62 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2451670

**Report Date:** 09/18/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1972082-2 WG1972082-3 | | | | | | | | | |
| Aroclor 1016 | 61 | | 54 | | 40-140 | 12 | | 50 | A |
| Aroclor 1260 | 64 | | 57 | | 40-140 | 12 | | 50 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 61 | | 54 | | 30-150 | A |
| Decachlorobiphenyl | 67 | | 60 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 60 | | 52 | | 30-150 | B |
| Decachlorobiphenyl | 68 | | 60 | | 30-150 | B |

# PESTICIDES

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002
**Lab Number:** L2451670
**Report Date:** 09/18/24

## SAMPLE RESULTS

Lab ID: L2451670-01
Client ID: LAGOON-SW-S5-06
Sample Location: 2266 MILITARY RD

Date Collected: 09/09/24 13:00
Date Received: 09/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/16/24 21:57
Analyst: EMR
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 09/15/24 13:47
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.81 | 0.354 | 1 | A |
| Lindane | ND | | ug/kg | 0.753 | 0.337 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.753 | 0.214 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.81 | 0.686 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.904 | 0.405 | 1 | A |
| Aldrin | ND | | ug/kg | 1.81 | 0.636 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.39 | 1.02 | 1 | A |
| Endrin | ND | | ug/kg | 0.753 | 0.309 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.26 | 0.791 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.81 | 0.466 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.13 | 0.565 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.81 | 0.418 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.81 | 0.645 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 1.81 | 1.45 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.81 | 0.427 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.81 | 0.604 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.753 | 0.358 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.39 | 1.05 | 1 | A |
| Toxaphene | ND | | ug/kg | 33.9 | 9.49 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.26 | 0.630 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.26 | 0.597 | 1 | A |
| Chlordane | ND | | ug/kg | 15.1 | 5.99 | 1 | A |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451670

**Project Number:** 100.002 **Report Date:** 09/18/24

## SAMPLE RESULTS

Lab ID: L2451670-01 Date Collected: 09/09/24 13:00

Client ID: LAGOON-SW-S5-06 Date Received: 09/10/24

Sample Location: 2266 MILITARY RD Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 56 | | 30-150 | A |
| Decachlorobiphenyl | 55 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 70 | | 30-150 | B |
| Decachlorobiphenyl | 72 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Lab Number:** L2451670
**Project Number:** 100.002
**Report Date:** 09/18/24

## SAMPLE RESULTS

Lab ID: L2451670-01
Client ID: LAGOON-SW-S5-06
Sample Location: 2266 MILITARY RD

Date Collected: 09/09/24 13:00
Date Received: 09/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/18/24 01:42
Analyst: AKM
Percent Solids: 86%
Methylation Date: 09/17/24 19:46

Extraction Method: EPA 8151A
Extraction Date: 09/16/24 22:49

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 193 | 12.2 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 193 | 5.99 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 193 | 5.14 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 91 | | 30-150 | A |
| DCAA | 81 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2451670
**Report Date:** 09/18/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/16/24 21:24
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 09/15/24 13:47
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/24

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1971856-1 | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.58 | 0.310 | A |
| Lindane | ND | | ug/kg | 0.659 | 0.295 | A |
| Alpha-BHC | ND | | ug/kg | 0.659 | 0.187 | A |
| Beta-BHC | ND | | ug/kg | 1.58 | 0.600 | A |
| Heptachlor | ND | | ug/kg | 0.791 | 0.355 | A |
| Aldrin | ND | | ug/kg | 1.58 | 0.557 | A |
| Heptachlor epoxide | ND | | ug/kg | 2.97 | 0.890 | A |
| Endrin | ND | | ug/kg | 0.659 | 0.270 | A |
| Endrin aldehyde | ND | | ug/kg | 1.98 | 0.692 | A |
| Endrin ketone | ND | | ug/kg | 1.58 | 0.407 | A |
| Dieldrin | ND | | ug/kg | 0.989 | 0.494 | A |
| 4,4'-DDE | ND | | ug/kg | 1.58 | 0.366 | A |
| 4,4'-DDD | ND | | ug/kg | 1.58 | 0.564 | A |
| 4,4'-DDT | ND | | ug/kg | 1.58 | 1.27 | A |
| Endosulfan I | ND | | ug/kg | 1.58 | 0.374 | A |
| Endosulfan II | ND | | ug/kg | 1.58 | 0.529 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.659 | 0.314 | A |
| Methoxychlor | ND | | ug/kg | 2.97 | 0.923 | A |
| Toxaphene | ND | | ug/kg | 29.7 | 8.30 | A |
| cis-Chlordane | ND | | ug/kg | 1.98 | 0.551 | A |
| trans-Chlordane | ND | | ug/kg | 1.98 | 0.522 | A |
| Chlordane | ND | | ug/kg | 13.2 | 5.24 | A |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2451670
**Report Date:** 09/18/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/16/24 21:24
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 09/15/24 13:47
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/24

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1971856-1 | | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 58 | | 30-150 | A |
| Decachlorobiphenyl | 59 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 72 | | 30-150 | B |
| Decachlorobiphenyl | 67 | | 30-150 | B |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2451670
**Report Date:** 09/18/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 09/18/24 00:47
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 09/16/24 22:44

Methylation Date: 09/17/24 19:46

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01 Batch: WG1972341-1 | | | | | | |
| 2,4-D | ND | | ug/kg | 165 | 10.4 | A |
| 2,4,5-T | ND | | ug/kg | 165 | 5.13 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 165 | 4.40 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 97 | | 30-150 | A |
| DCAA | 87 | | 30-150 | B |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2451670
**Report Date:** 09/18/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1971856-2 WG1971856-3 | | | | | | | | | |
| Delta-BHC | 69 | | 67 | | 30-150 | 3 | | 30 | A |
| Lindane | 69 | | 66 | | 30-150 | 4 | | 30 | A |
| Alpha-BHC | 66 | | 65 | | 30-150 | 2 | | 30 | A |
| Beta-BHC | 66 | | 64 | | 30-150 | 3 | | 30 | A |
| Heptachlor | 74 | | 71 | | 30-150 | 4 | | 30 | A |
| Aldrin | 68 | | 66 | | 30-150 | 3 | | 30 | A |
| Heptachlor epoxide | 43 | | 42 | | 30-150 | 2 | | 30 | A |
| Endrin | 72 | | 71 | | 30-150 | 1 | | 30 | A |
| Endrin aldehyde | 61 | | 58 | | 30-150 | 5 | | 30 | A |
| Endrin ketone | 75 | | 73 | | 30-150 | 3 | | 30 | A |
| Dieldrin | 75 | | 74 | | 30-150 | 1 | | 30 | A |
| 4,4'-DDE | 68 | | 67 | | 30-150 | 1 | | 30 | A |
| 4,4'-DDD | 72 | | 71 | | 30-150 | 1 | | 30 | A |
| 4,4'-DDT | 66 | | 66 | | 30-150 | 0 | | 30 | A |
| Endosulfan I | 68 | | 66 | | 30-150 | 3 | | 30 | A |
| Endosulfan II | 72 | | 69 | | 30-150 | 4 | | 30 | A |
| Endosulfan sulfate | 71 | | 69 | | 30-150 | 3 | | 30 | A |
| Methoxychlor | 69 | | 69 | | 30-150 | 0 | | 30 | A |
| cis-Chlordane | 61 | | 60 | | 30-150 | 2 | | 30 | A |
| trans-Chlordane | 75 | | 73 | | 30-150 | 3 | | 30 | A |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2451670

**Report Date:** 09/18/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1971856-2 WG1971856-3 | | | | | | | | |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 59 | | 56 | | 30-150 | A |
| Decachlorobiphenyl | 61 | | 60 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 72 | | 70 | | 30-150 | B |
| Decachlorobiphenyl | 70 | | 71 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2451670

**Report Date:** 09/18/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1972341-2 WG1972341-3 | | | | | | | | | |
| 2,4-D | 90 | | 119 | | 30-150 | 28 | | 30 | A |
| 2,4,5-T | 105 | | 128 | | 30-150 | 20 | | 30 | A |
| 2,4,5-TP (Silvex) | 92 | | 115 | | 30-150 | 22 | | 30 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| DCAA | 81 | | 99 | | 30-150 | A |
| DCAA | 93 | | 97 | | 30-150 | B |

# METALS

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451670

**Project Number:** 100.002 **Report Date:** 09/18/24

## SAMPLE RESULTS

Lab ID: L2451670-01 Date Collected: 09/09/24 13:00

Client ID: LAGOON-SW-S5-06 Date Received: 09/10/24

Sample Location: 2266 MILITARY RD Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 3400 | | mg/kg | 8.89 | 2.40 | 2 | 09/14/24 14:30 | 09/17/24 10:39 | EPA 3050B | 1,6010D | DHL |
| Antimony, Total | ND | | mg/kg | 4.45 | 0.338 | 2 | 09/14/24 14:30 | 09/17/24 10:39 | EPA 3050B | 1,6010D | DHL |
| Arsenic, Total | 1.26 | | mg/kg | 0.889 | 0.185 | 2 | 09/14/24 14:30 | 09/17/24 10:39 | EPA 3050B | 1,6010D | DHL |
| Barium, Total | 30.6 | | mg/kg | 0.889 | 0.155 | 2 | 09/14/24 14:30 | 09/17/24 10:39 | EPA 3050B | 1,6010D | DHL |
| Beryllium, Total | 0.172 | J | mg/kg | 0.445 | 0.029 | 2 | 09/14/24 14:30 | 09/17/24 10:39 | EPA 3050B | 1,6010D | DHL |
| Cadmium, Total | ND | | mg/kg | 0.889 | 0.087 | 2 | 09/14/24 14:30 | 09/17/24 10:39 | EPA 3050B | 1,6010D | DHL |
| Calcium, Total | 44700 | | mg/kg | 8.89 | 3.11 | 2 | 09/14/24 14:30 | 09/17/24 10:39 | EPA 3050B | 1,6010D | DHL |
| Chromium, Total | 5.63 | | mg/kg | 0.889 | 0.085 | 2 | 09/14/24 14:30 | 09/17/24 10:39 | EPA 3050B | 1,6010D | DHL |
| Cobalt, Total | 3.29 | | mg/kg | 1.78 | 0.148 | 2 | 09/14/24 14:30 | 09/17/24 10:39 | EPA 3050B | 1,6010D | DHL |
| Copper, Total | 6.48 | | mg/kg | 0.889 | 0.229 | 2 | 09/14/24 14:30 | 09/17/24 10:39 | EPA 3050B | 1,6010D | DHL |
| Iron, Total | 7200 | | mg/kg | 4.45 | 0.803 | 2 | 09/14/24 14:30 | 09/17/24 10:39 | EPA 3050B | 1,6010D | DHL |
| Lead, Total | 3.68 | J | mg/kg | 4.45 | 0.238 | 2 | 09/14/24 14:30 | 09/17/24 10:39 | EPA 3050B | 1,6010D | DHL |
| Magnesium, Total | 13800 | | mg/kg | 8.89 | 1.37 | 2 | 09/14/24 14:30 | 09/17/24 10:39 | EPA 3050B | 1,6010D | DHL |
| Manganese, Total | 393 | | mg/kg | 0.889 | 0.141 | 2 | 09/14/24 14:30 | 09/17/24 10:39 | EPA 3050B | 1,6010D | DHL |
| Mercury, Total | ND | | mg/kg | 0.074 | 0.048 | 1 | 09/14/24 15:00 | 09/16/24 12:57 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 6.60 | | mg/kg | 2.22 | 0.215 | 2 | 09/14/24 14:30 | 09/17/24 10:39 | EPA 3050B | 1,6010D | DHL |
| Potassium, Total | 425 | | mg/kg | 222 | 12.8 | 2 | 09/14/24 14:30 | 09/17/24 10:39 | EPA 3050B | 1,6010D | DHL |
| Selenium, Total | ND | | mg/kg | 1.78 | 0.229 | 2 | 09/14/24 14:30 | 09/17/24 10:39 | EPA 3050B | 1,6010D | DHL |
| Silver, Total | ND | | mg/kg | 0.445 | 0.252 | 2 | 09/14/24 14:30 | 09/17/24 10:39 | EPA 3050B | 1,6010D | DHL |
| Sodium, Total | 85.6 | J | mg/kg | 178 | 2.80 | 2 | 09/14/24 14:30 | 09/17/24 10:39 | EPA 3050B | 1,6010D | DHL |
| Thallium, Total | ND | | mg/kg | 1.78 | 0.280 | 2 | 09/14/24 14:30 | 09/17/24 10:39 | EPA 3050B | 1,6010D | DHL |
| Vanadium, Total | 7.82 | | mg/kg | 0.889 | 0.180 | 2 | 09/14/24 14:30 | 09/17/24 10:39 | EPA 3050B | 1,6010D | DHL |
| Zinc, Total | 29.7 | | mg/kg | 4.45 | 0.260 | 2 | 09/14/24 14:30 | 09/17/24 10:39 | EPA 3050B | 1,6010D | DHL |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451670

**Project Number:** 100.002 **Report Date:** 09/18/24

# Method Blank Analysis
# Batch Quality Control

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1971489-1 | | | | | | | | | | |
| Aluminum, Total | ND | | mg/kg | 4.00 | 1.08 | 1 | 09/14/24 14:30 | 09/17/24 09:28 | 1,6010D | DHL |
| Antimony, Total | ND | | mg/kg | 2.00 | 0.152 | 1 | 09/14/24 14:30 | 09/17/24 09:28 | 1,6010D | DHL |
| Arsenic, Total | ND | | mg/kg | 0.400 | 0.083 | 1 | 09/14/24 14:30 | 09/17/24 09:28 | 1,6010D | DHL |
| Barium, Total | ND | | mg/kg | 0.400 | 0.070 | 1 | 09/14/24 14:30 | 09/17/24 09:28 | 1,6010D | DHL |
| Beryllium, Total | ND | | mg/kg | 0.200 | 0.013 | 1 | 09/14/24 14:30 | 09/17/24 09:28 | 1,6010D | DHL |
| Cadmium, Total | ND | | mg/kg | 0.400 | 0.039 | 1 | 09/14/24 14:30 | 09/17/24 09:28 | 1,6010D | DHL |
| Calcium, Total | ND | | mg/kg | 4.00 | 1.40 | 1 | 09/14/24 14:30 | 09/17/24 09:28 | 1,6010D | DHL |
| Chromium, Total | ND | | mg/kg | 0.400 | 0.038 | 1 | 09/14/24 14:30 | 09/17/24 09:28 | 1,6010D | DHL |
| Cobalt, Total | ND | | mg/kg | 0.800 | 0.066 | 1 | 09/14/24 14:30 | 09/17/24 09:28 | 1,6010D | DHL |
| Copper, Total | ND | | mg/kg | 0.400 | 0.103 | 1 | 09/14/24 14:30 | 09/17/24 09:28 | 1,6010D | DHL |
| Iron, Total | 0.656 | J | mg/kg | 2.00 | 0.361 | 1 | 09/14/24 14:30 | 09/17/24 09:28 | 1,6010D | DHL |
| Lead, Total | ND | | mg/kg | 2.00 | 0.107 | 1 | 09/14/24 14:30 | 09/17/24 09:28 | 1,6010D | DHL |
| Magnesium, Total | ND | | mg/kg | 4.00 | 0.616 | 1 | 09/14/24 14:30 | 09/17/24 09:28 | 1,6010D | DHL |
| Manganese, Total | 0.108 | J | mg/kg | 0.400 | 0.064 | 1 | 09/14/24 14:30 | 09/17/24 09:28 | 1,6010D | DHL |
| Nickel, Total | ND | | mg/kg | 1.00 | 0.097 | 1 | 09/14/24 14:30 | 09/17/24 09:28 | 1,6010D | DHL |
| Potassium, Total | ND | | mg/kg | 100 | 5.76 | 1 | 09/14/24 14:30 | 09/17/24 09:28 | 1,6010D | DHL |
| Selenium, Total | ND | | mg/kg | 0.800 | 0.103 | 1 | 09/14/24 14:30 | 09/17/24 09:28 | 1,6010D | DHL |
| Silver, Total | ND | | mg/kg | 0.200 | 0.113 | 1 | 09/14/24 14:30 | 09/17/24 09:28 | 1,6010D | DHL |
| Sodium, Total | ND | | mg/kg | 80.0 | 1.26 | 1 | 09/14/24 14:30 | 09/17/24 09:28 | 1,6010D | DHL |
| Thallium, Total | ND | | mg/kg | 0.800 | 0.126 | 1 | 09/14/24 14:30 | 09/17/24 09:28 | 1,6010D | DHL |
| Vanadium, Total | ND | | mg/kg | 0.400 | 0.081 | 1 | 09/14/24 14:30 | 09/17/24 09:28 | 1,6010D | DHL |
| Zinc, Total | ND | | mg/kg | 2.00 | 0.117 | 1 | 09/14/24 14:30 | 09/17/24 09:28 | 1,6010D | DHL |

**Prep Information**

Digestion Method: EPA 3050B

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1971490-1 | | | | | | | | | | |
| Mercury, Total | ND | | mg/kg | 0.083 | 0.054 | 1 | 09/14/24 15:00 | 09/16/24 12:30 | 1,7471B | JWN |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002
**Lab Number:** L2451670
**Report Date:** 09/18/24

# Method Blank Analysis
# Batch Quality Control

**Prep Information**

Digestion Method: EPA 7471B

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2451670

**Report Date:** 09/18/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1971489-2 | | | | | | | | |
| Aluminum, Total | 94 | | - | | 80-120 | - | | |
| Antimony, Total | 96 | | - | | 80-120 | - | | |
| Arsenic, Total | 96 | | - | | 80-120 | - | | |
| Barium, Total | 97 | | - | | 80-120 | - | | |
| Beryllium, Total | 98 | | - | | 80-120 | - | | |
| Cadmium, Total | 93 | | - | | 80-120 | - | | |
| Calcium, Total | 97 | | - | | 80-120 | - | | |
| Chromium, Total | 94 | | - | | 80-120 | - | | |
| Cobalt, Total | 97 | | - | | 80-120 | - | | |
| Copper, Total | 97 | | - | | 80-120 | - | | |
| Iron, Total | 99 | | - | | 80-120 | - | | |
| Lead, Total | 96 | | - | | 80-120 | - | | |
| Magnesium, Total | 95 | | - | | 80-120 | - | | |
| Manganese, Total | 96 | | - | | 80-120 | - | | |
| Nickel, Total | 95 | | - | | 80-120 | - | | |
| Potassium, Total | 100 | | - | | 80-120 | - | | |
| Selenium, Total | 91 | | - | | 80-120 | - | | |
| Silver, Total | 94 | | - | | 80-120 | - | | |
| Sodium, Total | 98 | | - | | 80-120 | - | | |
| Thallium, Total | 96 | | - | | 80-120 | - | | |
| Vanadium, Total | 96 | | - | | 80-120 | - | | |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2451670

**Report Date:** 09/18/24

| Parameter | LCS %Recovery | LCSD %Recovery | %Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1971489-2 | | | | | |
| Zinc, Total | 94 | - | 80-120 | - | |
| Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1971490-2 | | | | | |
| Mercury, Total | 99 | - | 80-120 | - | |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2451670
**Report Date:** 09/18/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1971489-3 QC Sample: L2451875-01 Client ID: MS Sample | | | | | | | | | | | | |
| Aluminum, Total | 9400 | 238 | 7580 | **0** | Q | - | - | | 75-125 | - | | 20 |
| Antimony, Total | 0.744J | 59.4 | 46.6 | 78 | | - | - | | 75-125 | - | | 20 |
| Arsenic, Total | 4.02 | 14.3 | 17.2 | 92 | | - | - | | 75-125 | - | | 20 |
| Barium, Total | 40.2 | 238 | 258 | 92 | | - | - | | 75-125 | - | | 20 |
| Beryllium, Total | 0.339J | 5.94 | 6.01 | 101 | | - | - | | 75-125 | - | | 20 |
| Cadmium, Total | 0.155J | 6.3 | 5.87 | 93 | | - | - | | 75-125 | - | | 20 |
| Calcium, Total | 2240 | 1190 | 4530 | **193** | Q | - | - | | 75-125 | - | | 20 |
| Chromium, Total | 13.1 | 23.8 | 32.3 | 81 | | - | - | | 75-125 | - | | 20 |
| Cobalt, Total | 3.16 | 59.4 | 58.7 | 93 | | - | - | | 75-125 | - | | 20 |
| Copper, Total | 22.1 | 29.7 | 47.9 | 87 | | - | - | | 75-125 | - | | 20 |
| Iron, Total | 11400 | 119 | 8350 | **0** | Q | - | - | | 75-125 | - | | 20 |
| Lead, Total | 36.3 | 63 | 87.6 | 81 | | - | - | | 75-125 | - | | 20 |
| Magnesium, Total | 1750 | 1190 | 3470 | **145** | Q | - | - | | 75-125 | - | | 20 |
| Manganese, Total | 74.7 | 59.4 | 115 | **68** | Q | - | - | | 75-125 | - | | 20 |
| Nickel, Total | 8.33 | 59.4 | 61.8 | 90 | | - | - | | 75-125 | - | | 20 |
| Potassium, Total | 378 | 1190 | 1470 | 92 | | - | - | | 75-125 | - | | 20 |
| Selenium, Total | ND | 14.3 | 13.3 | 93 | | - | - | | 75-125 | - | | 20 |
| Silver, Total | ND | 5.94 | 5.68 | 96 | | - | - | | 75-125 | - | | 20 |
| Sodium, Total | 47.2J | 1190 | 1210 | 102 | | - | - | | 75-125 | - | | 20 |
| Thallium, Total | ND | 14.3 | 13.5 | 95 | | - | - | | 75-125 | - | | 20 |
| Vanadium, Total | 24.2 | 59.4 | 75.2 | 86 | | - | - | | 75-125 | - | | 20 |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2451670
**Report Date:** 09/18/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | MSD Found | MSD %Recovery | Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1971489-3 QC Sample: L2451875-01 Client ID: MS Sample | | | | | | | | | |
| Zinc, Total | 110 | 59.4 | 159 | 82 | - | - | 75-125 | - | 20 |
| Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1971490-3 QC Sample: L2451875-01 Client ID: MS Sample | | | | | | | | | |
| Mercury, Total | 0.066J | 1.93 | 1.95 | 101 | - | - | 80-120 | - | 20 |

# Lab Duplicate Analysis
## *Batch Quality Control*

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

***Lab Number:*** L2451670
***Report Date:*** 09/18/24

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1971489-4 QC Sample: L2451875-01 Client ID: DUP Sample | | | | | | |
| Aluminum, Total | 9400 | 7400 | mg/kg | **24** | Q | 20 |
| Antimony, Total | 0.744J | ND | mg/kg | NC | | 20 |
| Arsenic, Total | 4.02 | 2.94 | mg/kg | **31** | Q | 20 |
| Barium, Total | 40.2 | 31.9 | mg/kg | **23** | Q | 20 |
| Beryllium, Total | 0.339J | 0.279J | mg/kg | NC | | 20 |
| Cadmium, Total | 0.155J | 0.141J | mg/kg | NC | | 20 |
| Calcium, Total | 2240 | 1980 | mg/kg | 12 | | 20 |
| Chromium, Total | 13.1 | 10.2 | mg/kg | **25** | Q | 20 |
| Cobalt, Total | 3.16 | 2.42 | mg/kg | **27** | Q | 20 |
| Copper, Total | 22.1 | 17.5 | mg/kg | **23** | Q | 20 |
| Iron, Total | 11400 | 8780 | mg/kg | **26** | Q | 20 |
| Lead, Total | 36.3 | 31.4 | mg/kg | 14 | | 20 |
| Magnesium, Total | 1750 | 1540 | mg/kg | 13 | | 20 |
| Manganese, Total | 74.7 | 57.7 | mg/kg | **26** | Q | 20 |
| Nickel, Total | 8.33 | 6.99 | mg/kg | 17 | | 20 |
| Potassium, Total | 378 | 317 | mg/kg | 18 | | 20 |
| Selenium, Total | ND | 0.346J | mg/kg | NC | | 20 |
| Silver, Total | ND | ND | mg/kg | NC | | 20 |
| Sodium, Total | 47.2J | 29.8J | mg/kg | NC | | 20 |

# Lab Duplicate Analysis

***Batch Quality Control***

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

***Lab Number:*** L2451670

***Report Date:*** 09/18/24

| Parameter | Native Sample | Duplicate Sample | Units | RPD | | RPD Limits |
|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1971489-4 QC Sample: L2451875-01 Client ID: DUP Sample | | | | | | |
| Thallium, Total | ND | ND | mg/kg | NC | | 20 |
| Vanadium, Total | 24.2 | 18.8 | mg/kg | **25** | Q | 20 |
| Zinc, Total | 110 | 101 | mg/kg | 9 | | 20 |
| Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1971490-4 QC Sample: L2451875-01 Client ID: DUP Sample | | | | | | |
| Mercury, Total | 0.066J | 0.070J | mg/kg | NC | | 20 |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

# Lab Serial Dilution Analysis
**Batch Quality Control**

**Lab Number:** L2451670
**Report Date:** 09/18/24

| Parameter | Native Sample | Serial Dilution | Units | % D | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1971489-6 QC Sample: L2451875-01 Client ID: DUP Sample | | | | | | |
| Aluminum, Total | 9400 | 9250 | mg/kg | 2 | | 20 |
| Barium, Total | 40.2 | 39.0 | mg/kg | 3 | | 20 |
| Calcium, Total | 2240 | 2190 | mg/kg | 2 | | 20 |
| Iron, Total | 11400 | 11500 | mg/kg | 1 | | 20 |
| Magnesium, Total | 1750 | 1730 | mg/kg | 1 | | 20 |
| Manganese, Total | 74.7 | 72.6 | mg/kg | 3 | | 20 |

# INORGANICS
# &
# MISCELLANEOUS

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2451670
**Report Date:** 09/18/24

## SAMPLE RESULTS

Lab ID: L2451670-01
Client ID: LAGOON-SW-S5-06
Sample Location: 2266 MILITARY RD

Date Collected: 09/09/24 13:00
Date Received: 09/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 85.7 | | % | 0.100 | NA | 1 | - | 09/12/24 08:23 | 121,2540G | ROI |
| Cyanide, Total | ND | | mg/kg | 1.1 | 0.23 | 1 | 09/15/24 11:35 | 09/16/24 13:21 | 1,9010C/9012B | JER |

**Project Name:** BISONITE PAINT CO. **Lab Number:** L2451670

**Project Number:** 100.002 **Report Date:** 09/18/24

# Method Blank Analysis
## Batch Quality Control

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1971798-1 | | | | | | | | | | |
| Cyanide, Total | ND | | mg/kg | 0.97 | 0.20 | 1 | 09/15/24 11:35 | 09/16/24 13:15 | 1,9010C/9012B | JER |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

**Lab Number:** L2451670

**Report Date:** 09/18/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1971798-2 WG1971798-3 | | | | | | | | |
| Cyanide, Total | 93 | | 90 | | 80-120 | 4 | | 35 |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2451670
**Report Date:** 09/18/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1971798-4 WG1971798-5 QC Sample: L2452897-01 Client ID: MS Sample | | | | | | | | | | | | |
| Cyanide, Total | ND | 14 | 14 | 98 | | 12 | 88 | | 75-125 | 10 | | 35 |
| General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1971798-6 WG1971798-7 QC Sample: L2451670-01 Client ID: LAGOON-SW-S5-06 | | | | | | | | | | | | |
| Cyanide, Total | ND | 11 | 10 | 93 | | 11 | 95 | | 75-125 | 2 | | 35 |

# Lab Duplicate Analysis

***Batch Quality Control***

**Project Name:** BISONITE PAINT CO.

**Project Number:** 100.002

***Lab Number:*** L2451670

***Report Date:*** 09/18/24

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1970628-1 QC Sample: L2451619-01 Client ID: DUP Sample | | | | | | |
| Solids, Total | 78.0 | 77.8 | % | 0 | | 20 |

**Project Name:** BISONITE PAINT CO.
**Project Number:** 100.002

**Lab Number:** L2451670
**Report Date:** 09/18/24

## Sample Receipt and Container Information

Were project specific reporting limits specified? YES

### Cooler Information

| Cooler | Custody Seal |
|---|---|
| A | Absent |

### Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2451670-01A | Vial Large Septa unpreserved (4oz) | A | NA | | 2.7 | Y | Absent | | NYTCL-8260-R2(14) |
| L2451670-01B | Vial Large Septa unpreserved (4oz) | A | NA | | 2.7 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2451670-01C | Glass 60ml unpreserved split | A | NA | | 2.7 | Y | Absent | | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180) |
| L2451670-01X | Vial MeOH preserved split | A | NA | | 2.7 | Y | Absent | | NYTCL-8260-R2(14) |
| L2451670-01Y | Vial Water preserved split | A | NA | | 2.7 | Y | Absent | **13-SEP-24 09:34** | NYTCL-8260-R2(14) |
| L2451670-01Z | Vial Water preserved split | A | NA | | 2.7 | Y | Absent | **13-SEP-24 09:34** | NYTCL-8260-R2(14) |



*Values in parentheses indicate holding time in days

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2451670 |
| **Project Number:** | 100.002 | **Report Date:** | 09/18/24 |

## GLOSSARY

***Acronyms***

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

*Report Format: DU Report with 'J' Qualifiers*

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2451670 |
| **Project Number:** | 100.002 | **Report Date:** | 09/18/24 |

***Footnotes***

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

***Terms***

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

***Data Qualifiers***

**A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

**B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

**C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

**D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

**E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

**F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

**G** - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

**H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

**I** - The lower value for the two columns has been reported due to obvious interference.

**J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

*Report Format: DU Report with 'J' Qualifiers*

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2451670 |
| **Project Number:** | 100.002 | **Report Date:** | 09/18/24 |

***Data Qualifiers***

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

**M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

**ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

**NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

**P** - The RPD between the results for the two columns exceeds the method-specified criteria.

**Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

**R** - Analytical results are from sample re-analysis.

**RE** - Analytical results are from sample re-extraction.

**S** - Analytical results are from modified screening analysis.

**V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

**Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT CO. | **Lab Number:** | L2451670 |
| **Project Number:** | 100.002 | **Report Date:** | 09/18/24 |

## REFERENCES


1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.


## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

# Certification Information

**The following analytes are not included in our Primary NELAP Scope of Accreditation:**

**Westborough Facility**
**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene
**EPA 625.1:** alpha-Terpineol
**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
**EPA 8270E:** NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
**SM4500**: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

**Mansfield Facility**
**SM 2540D:** TSS.
**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
**Nonpotable Water: EPA RSK-175 Dissolved Gases**
**Biological Tissue Matrix:** EPA 3050B

**The following analytes are included in our Massachusetts DEP Scope of Accreditation**

**Westborough Facility:**

***Drinking Water***
**EPA 300.0**: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
**EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
**Microbiology**: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

***Non-Potable Water***
**SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
**EPA 624.1**: Volatile Halocarbons & Aromatics,
**EPA 608.3**: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
**EPA 625.1**: SVOC (Acid/Base/Neutral Extractables).
**Microbiology**: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

**Mansfield Facility:**

***Drinking Water***
**EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
**EPA 522, EPA 537.1.**

***Non-Potable Water***
**EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
**EPA 200.8:** Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
**EPA 245.1** Hg.
**SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

# NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

**Service Centers**
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 9/11/24

ALPHA Job #: L2451670

## Client Information

Client: Marsh Landing
Address: 271 Marsh Rd, Suite 2
Rochester, NY 14534
Phone: 585-248-2413
Fax:
Email: BAhrens@raderlink.com

## Project Information

Project Name: Bisonite paint CO.
Project Location: 2016 Military Rd
Project #: 100.002
(Use Project name as Project #)
Project Manager: Bruce Ahrens
ALPHAQuote #:

## Turn-Around Time

Standard: X
Rush (only if pre approved):
Due Date:
# of Days:

## Deliverables

ASP-A
ASP-B
EQuIS (1 File)
EQuIS (4 File)
Other

## Billing Information

X Same as Client Info
PO #

## Regulatory Requirement

NY TOGS
NY Part 375
AWQ Standards
NY CP-51
NY Restricted Use
Other
NY Unrestricted Use
NYC Sewer Discharge

## Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
NJ
X NY
Other:

These samples have been previously analyzed by Alpha

**Other project specific requirements/comments:**

**Please specify Metals or TAL.**

## ANALYSIS

**Sample Filtration**
Done
X Lab to do
**Preservation**
Lab to do
**(Please Specify below)**

| ALPHA Lab ID (Lab Use Only) | Sample ID | Collection Date | Collection Time | Sample Matrix | Sampler's Initials | TCL VOCs | TCL SVOCs | TAL Metals (+Cyanide, Mercury) | TCL Herbicides | TCL Pesticides | PCBs | | | Sample Specific Comments | Total Bottles |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 51670 01 | 10Goon-SW-SS-010 | 9/9/24 | 13:00 | SOIL | CS | X | X | X | X | X | X | | | | 2 |
| | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | |
| Container Type | | | | | | A | A | A | A | A | A | | | | |
| Preservative | | | | | | A | A | A | A | A | A | | | | |

Preservative Code:
A = None
B = HCl
C = $HNO_3$
D = $H_2SO_4$
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

| Relinquished By: | Date/Time | Received By: | Date/Time |
|---|---|---|---|
| | 9/10/24 1400 | C. Quigley Pace | 9.10.24 1400 |
| C. Quigley Pace | 9.10.24 1401 | Buffalo SC | 9.10.24 1402 |
| Russell B. Bixby | 9.10.24 1615 | | |
| | | | 9/11 0200 |

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

# ANALYTICAL REPORT

| | |
|---|---|
| Lab Number: | L2459257 |
| Client: | Leader Professional Services, Inc.<br>271 Marsh Road, Suite 2<br>Pittsford, NY 14534 |
| ATTN: | Bruce Ahrens |
| Phone: | (585) 248-2413 |
| Project Name: | BISONITE PAINT COMPANY |
| Project Number: | 100.002 |
| Report Date: | 10/22/24 |

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002

**Lab Number:** L2459257
**Report Date:** 10/22/24

| Alpha Sample ID | Client ID | Matrix | Sample Location | Collection Date/Time | Receive Date |
|---|---|---|---|---|---|
| L2459257-01 | TRENCH BASE @ 6' | SOIL | 2266 MILITARY RD. | 10/09/24 12:30 | 10/11/24 |
| L2459257-02 | TRENCH BASE DUP @ 6' | SOIL | 2266 MILITARY RD. | 10/09/24 12:30 | 10/11/24 |
| L2459257-03 | SOUTH SIDE @ 4'-A | SOIL | 2266 MILITARY RD. | 10/09/24 13:00 | 10/11/24 |
| L2459257-04 | NORTH SIDE @ 4'-A | SOIL | 2266 MILITARY RD. | 10/09/24 13:30 | 10/11/24 |
| L2459257-05 | SOUTH SIDE @ 4'-B | SOIL | 2266 MILITARY RD. | 10/09/24 14:00 | 10/11/24 |
| L2459257-06 | NORTH SIDE @ 4'-B | SOIL | 2266 MILITARY RD. | 10/09/24 14:30 | 10/11/24 |
| L2459257-07 | FIELD BLANK | SOIL | 2266 MILITARY RD. | 10/09/24 15:00 | 10/11/24 |
| L2459257-08 | RINSE BLANK | WATER | 2266 MILITARY RD. | 10/09/24 15:30 | 10/11/24 |
| L2459257-09 | SOUTH SIDE @ 3'-C | SOIL | 2266 MILITARY RD. | 10/10/24 12:30 | 10/11/24 |
| L2459257-10 | NORTH SIDE @ 3'-C | SOIL | 2266 MILITARY RD. | 10/10/24 13:00 | 10/11/24 |
| L2459257-11 | EAST WALL @ 3' | SOIL | 2266 MILITARY RD. | 10/10/24 13:30 | 10/11/24 |
| L2459257-12 | TRIP BLANK | WATER | 2266 MILITARY RD. | 10/10/24 00:00 | 10/11/24 |

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT COMPANY | **Lab Number:** | L2459257 |
| **Project Number:** | 100.002 | **Report Date:** | 10/22/24 |

## Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT COMPANY | **Lab Number:** | L2459257 |
| **Project Number:** | 100.002 | **Report Date:** | 10/22/24 |

**Case Narrative (continued)**

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2459257-01 through -08: The water-preserved VOA vials for Volatile Organics Low-Level analysis were received at the laboratory beyond the 48 hour holding time required for freezing.

L2459257-07: The analysis of Total Solids was requested on the Chain of Custody; however, sample containers were not received. This was verified by the client.

Volatile Organics

L2459257-01 and -10: The sample was analyzed as a High Level Methanol in order to quantitate results within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported.

L2459257-02: The sample was analyzed as a High Level Methanol based upon screen results. The sample was then analyzed as a Low Level in order to achieve lower reporting limits. The results of both analyses are reported. Differences were noted between the results of the analyses which have been attributed to vial discrepancies.

L2459257-04: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (158%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L2459257-05D2: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (154%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L2459257-11D: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (156%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT COMPANY | **Lab Number:** | L2459257 |
| **Project Number:** | 100.002 | **Report Date:** | 10/22/24 |

**Case Narrative (continued)**

chromatogram is included as an attachment to this report.
The WG1987057-5 Method Blank, associated with L2459257-07, has a concentration above the reporting limit for bromomethane. Since the associated sample concentration is non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".
The WG1986218-6/-7 MS/MSD recoveries, performed on L2459257-06, are outside the acceptance criteria for toluene (8%/24%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

Semivolatile Organics
The WG1986629-3 LCSD recovery, associated with L2459257-11D, is below the acceptance criteria for 3,3'-dichlorobenzidine (2%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

Semivolatile Organics by SIM
The WG1985077-1 Method Blank, associated with L2459257-08, has a concentration above the reporting limit for naphthalene. The sample was re-extracted with the method required holding time exceeded and the method blank was non-detect for this target compound. The results of both extractions are reported. The original sample result is reported with a "B" qualifier.

PCBs
L2459257-11D: The surrogate recoveries are below the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (0%) and decachlorobiphenyl (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

Pesticides
L2459257-11D: The sample has elevated detection limits due to the dilution required by the sample matrix.

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257
**Project Number:** 100.002 **Report Date:** 10/22/24

**Case Narrative (continued)**

Total Metals

L2459257-01 through -06, -09,-10, and -11: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1985102-3/-4 MS/MSD recoveries for aluminum (577%/395%), calcium (0%/778%), iron (729%/0%), magnesium (0%/0%) and manganese (58%/144%), performed on L2459257-06, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1985745-4 Laboratory Duplicate RPDs for iron (22%) and manganese (24%), performed on L2459257-08, are above the acceptance criteria; however, the sample and duplicate results are less than five times the reporting limits. Therefore, the RPDs are valid.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 10/22/24

# ORGANICS

# VOLATILES

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-01
Client ID: TRENCH BASE @ 6'
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 12:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/18/24 00:41
Analyst: MKS
Percent Solids: 90%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 2.7 | 1.2 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 0.54 | 0.08 | 1 |
| Chloroform | ND | | ug/kg | 0.81 | 0.08 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 0.54 | 0.12 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 0.54 | 0.07 | 1 |
| Dibromochloromethane | ND | | ug/kg | 0.54 | 0.08 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 0.54 | 0.14 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.27 | 0.10 | 1 |
| Chlorobenzene | 6.6 | | ug/kg | 0.27 | 0.07 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 2.2 | 0.38 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 0.54 | 0.14 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.27 | 0.09 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.27 | 0.06 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 0.54 | 0.15 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.27 | 0.09 | 1 |
| Bromoform | ND | | ug/kg | 2.2 | 0.13 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.27 | 0.09 | 1 |
| Benzene | 9.5 | | ug/kg | 0.27 | 0.09 | 1 |
| Toluene | 340 | E | ug/kg | 0.54 | 0.29 | 1 |
| Ethylbenzene | 34 | | ug/kg | 0.54 | 0.08 | 1 |
| Chloromethane | ND | | ug/kg | 2.2 | 0.50 | 1 |
| Bromomethane | ND | | ug/kg | 1.1 | 0.31 | 1 |
| Vinyl chloride | ND | | ug/kg | 0.54 | 0.18 | 1 |
| Chloroethane | ND | | ug/kg | 1.1 | 0.24 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 0.54 | 0.13 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 0.81 | 0.07 | 1 |
| Trichloroethene | ND | | ug/kg | 0.27 | 0.07 | 1 |
| 1,2-Dichlorobenzene | 2.8 | | ug/kg | 1.1 | 0.08 | 1 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-01 Date Collected: 10/09/24 12:30

Client ID: TRENCH BASE @ 6' Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 1.1 | 0.08 | 1 |
| 1,4-Dichlorobenzene | 0.50 | J | ug/kg | 1.1 | 0.09 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 1.1 | 0.11 | 1 |
| p/m-Xylene | 220 | | ug/kg | 1.1 | 0.30 | 1 |
| o-Xylene | 31 | | ug/kg | 0.54 | 0.16 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 0.54 | 0.09 | 1 |
| Styrene | ND | | ug/kg | 0.54 | 0.10 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 5.4 | 0.49 | 1 |
| Acetone | 14 | | ug/kg | 5.4 | 2.6 | 1 |
| Carbon disulfide | ND | | ug/kg | 5.4 | 2.4 | 1 |
| 2-Butanone | 4.1 | J | ug/kg | 5.4 | 1.2 | 1 |
| 4-Methyl-2-pentanone | 7.6 | | ug/kg | 5.4 | 0.69 | 1 |
| 2-Hexanone | ND | | ug/kg | 5.4 | 0.64 | 1 |
| Bromochloromethane | ND | | ug/kg | 1.1 | 0.11 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 0.54 | 0.15 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 1.6 | 0.54 | 1 |
| Isopropylbenzene | 6.7 | | ug/kg | 0.54 | 0.06 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 1.1 | 0.17 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 1.1 | 0.15 | 1 |
| Methyl Acetate | ND | | ug/kg | 2.2 | 0.51 | 1 |
| Cyclohexane | ND | | ug/kg | 5.4 | 0.29 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 43 | 19. | 1 |
| Freon-113 | ND | | ug/kg | 2.2 | 0.37 | 1 |
| Methyl cyclohexane | 0.42 | J | ug/kg | 2.2 | 0.32 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 102 | | 70-130 |
| Toluene-d8 | 99 | | 70-130 |
| 4-Bromofluorobenzene | 111 | | 70-130 |
| Dibromofluoromethane | 98 | | 70-130 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-01
Client ID: TRENCH BASE @ 6'
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 12:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/18/24 10:43
Analyst: MKS
Percent Solids: 90%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 High - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 200 | 92. | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 40 | 5.8 | 1 |
| Chloroform | ND | | ug/kg | 60 | 5.6 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 40 | 9.2 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 40 | 5.0 | 1 |
| Dibromochloromethane | ND | | ug/kg | 40 | 5.6 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 40 | 11. | 1 |
| Tetrachloroethene | ND | | ug/kg | 20 | 7.9 | 1 |
| Chlorobenzene | 30 | | ug/kg | 20 | 5.1 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 160 | 28. | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 40 | 10. | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 20 | 6.7 | 1 |
| Bromodichloromethane | ND | | ug/kg | 20 | 4.4 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 40 | 11. | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 20 | 6.4 | 1 |
| Bromoform | ND | | ug/kg | 160 | 9.9 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 20 | 6.7 | 1 |
| Benzene | 28 | | ug/kg | 20 | 6.7 | 1 |
| Toluene | 720 | | ug/kg | 40 | 22. | 1 |
| Ethylbenzene | 120 | | ug/kg | 40 | 5.7 | 1 |
| Chloromethane | ND | | ug/kg | 160 | 38. | 1 |
| Bromomethane | ND | | ug/kg | 80 | 23. | 1 |
| Vinyl chloride | ND | | ug/kg | 40 | 13. | 1 |
| Chloroethane | ND | | ug/kg | 80 | 18. | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 40 | 9.6 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 60 | 5.5 | 1 |
| Trichloroethene | ND | | ug/kg | 20 | 5.5 | 1 |
| 1,2-Dichlorobenzene | 23 | J | ug/kg | 80 | 5.8 | 1 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-01 Date Collected: 10/09/24 12:30

Client ID: TRENCH BASE @ 6' Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 High - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 80 | 6.0 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 80 | 6.9 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 80 | 8.1 | 1 |
| p/m-Xylene | 920 | | ug/kg | 80 | 22. | 1 |
| o-Xylene | 110 | | ug/kg | 40 | 12. | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 40 | 7.0 | 1 |
| Styrene | ND | | ug/kg | 40 | 7.9 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 400 | 37. | 1 |
| Acetone | 210 | J | ug/kg | 400 | 190 | 1 |
| Carbon disulfide | ND | | ug/kg | 400 | 180 | 1 |
| 2-Butanone | ND | | ug/kg | 400 | 89. | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 400 | 52. | 1 |
| 2-Hexanone | ND | | ug/kg | 400 | 47. | 1 |
| Bromochloromethane | ND | | ug/kg | 80 | 8.2 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 40 | 11. | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 120 | 40. | 1 |
| Isopropylbenzene | 35 | J | ug/kg | 40 | 4.4 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 80 | 13. | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 80 | 11. | 1 |
| Methyl Acetate | ND | | ug/kg | 160 | 38. | 1 |
| Cyclohexane | ND | | ug/kg | 400 | 22. | 1 |
| 1,4-Dioxane | ND | | ug/kg | 3200 | 1400 | 1 |
| Freon-113 | ND | | ug/kg | 160 | 28. | 1 |
| Methyl cyclohexane | ND | | ug/kg | 160 | 24. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 97 | | 70-130 |
| Toluene-d8 | 101 | | 70-130 |
| 4-Bromofluorobenzene | 104 | | 70-130 |
| Dibromofluoromethane | 92 | | 70-130 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

**SAMPLE RESULTS**

Lab ID: L2459257-02 Date Collected: 10/09/24 12:30
Client ID: TRENCH BASE DUP @ 6' Date Received: 10/11/24
Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/18/24 01:07
Analyst: MKS
Percent Solids: 86%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 High - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 160 | 76. | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 33 | 4.8 | 1 |
| Chloroform | ND | | ug/kg | 49 | 4.6 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 33 | 7.6 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 33 | 4.1 | 1 |
| Dibromochloromethane | ND | | ug/kg | 33 | 4.6 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 33 | 8.8 | 1 |
| Tetrachloroethene | ND | | ug/kg | 16 | 6.5 | 1 |
| Chlorobenzene | 56 | | ug/kg | 16 | 4.2 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 130 | 23. | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 33 | 8.5 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 16 | 5.5 | 1 |
| Bromodichloromethane | ND | | ug/kg | 16 | 3.6 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 33 | 9.0 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 16 | 5.2 | 1 |
| Bromoform | ND | | ug/kg | 130 | 8.1 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 16 | 5.5 | 1 |
| Benzene | 34 | | ug/kg | 16 | 5.5 | 1 |
| Toluene | 92 | | ug/kg | 33 | 18. | 1 |
| Ethylbenzene | 160 | | ug/kg | 33 | 4.6 | 1 |
| Chloromethane | ND | | ug/kg | 130 | 31. | 1 |
| Bromomethane | ND | | ug/kg | 66 | 19. | 1 |
| Vinyl chloride | ND | | ug/kg | 33 | 11. | 1 |
| Chloroethane | ND | | ug/kg | 66 | 15. | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 33 | 7.8 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 49 | 4.5 | 1 |
| Trichloroethene | ND | | ug/kg | 16 | 4.5 | 1 |
| 1,2-Dichlorobenzene | 22 | J | ug/kg | 66 | 4.7 | 1 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-02 Date Collected: 10/09/24 12:30

Client ID: TRENCH BASE DUP @ 6' Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 High - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 66 | 4.9 | 1 |
| 1,4-Dichlorobenzene | 11 | J | ug/kg | 66 | 5.6 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 66 | 6.6 | 1 |
| p/m-Xylene | 930 | | ug/kg | 66 | 18. | 1 |
| o-Xylene | 12 | J | ug/kg | 33 | 9.6 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 33 | 5.8 | 1 |
| Styrene | ND | | ug/kg | 33 | 6.5 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 330 | 30. | 1 |
| Acetone | ND | | ug/kg | 330 | 160 | 1 |
| Carbon disulfide | ND | | ug/kg | 330 | 150 | 1 |
| 2-Butanone | ND | | ug/kg | 330 | 73. | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 330 | 42. | 1 |
| 2-Hexanone | ND | | ug/kg | 330 | 39. | 1 |
| Bromochloromethane | ND | | ug/kg | 66 | 6.8 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 33 | 9.2 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 99 | 33. | 1 |
| Isopropylbenzene | 28 | J | ug/kg | 33 | 3.6 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 66 | 11. | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 66 | 9.0 | 1 |
| Methyl Acetate | ND | | ug/kg | 130 | 31. | 1 |
| Cyclohexane | ND | | ug/kg | 330 | 18. | 1 |
| 1,4-Dioxane | ND | | ug/kg | 2600 | 1200 | 1 |
| Freon-113 | ND | | ug/kg | 130 | 23. | 1 |
| Methyl cyclohexane | ND | | ug/kg | 130 | 20. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 102 | | 70-130 |
| Toluene-d8 | 100 | | 70-130 |
| 4-Bromofluorobenzene | 103 | | 70-130 |
| Dibromofluoromethane | 96 | | 70-130 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-02 Date Collected: 10/09/24 12:30

Client ID: TRENCH BASE DUP @ 6' Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/18/24 11:09

Analyst: MKS

Percent Solids: 86%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 3.6 | 1.7 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 0.72 | 0.10 | 1 |
| Chloroform | ND | | ug/kg | 1.1 | 0.10 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 0.72 | 0.17 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 0.72 | 0.09 | 1 |
| Dibromochloromethane | ND | | ug/kg | 0.72 | 0.10 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 0.72 | 0.19 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.36 | 0.14 | 1 |
| Chlorobenzene | 24 | | ug/kg | 0.36 | 0.09 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 2.9 | 0.50 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 0.72 | 0.19 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.36 | 0.12 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.36 | 0.08 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 0.72 | 0.20 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.36 | 0.11 | 1 |
| Bromoform | ND | | ug/kg | 2.9 | 0.18 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.36 | 0.12 | 1 |
| Benzene | 17 | | ug/kg | 0.36 | 0.12 | 1 |
| Toluene | 55 | | ug/kg | 0.72 | 0.39 | 1 |
| Ethylbenzene | 19 | | ug/kg | 0.72 | 0.10 | 1 |
| Chloromethane | ND | | ug/kg | 2.9 | 0.68 | 1 |
| Bromomethane | ND | | ug/kg | 1.4 | 0.42 | 1 |
| Vinyl chloride | ND | | ug/kg | 0.72 | 0.24 | 1 |
| Chloroethane | ND | | ug/kg | 1.4 | 0.33 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 0.72 | 0.17 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.1 | 0.10 | 1 |
| Trichloroethene | ND | | ug/kg | 0.36 | 0.10 | 1 |
| 1,2-Dichlorobenzene | 2.5 | | ug/kg | 1.4 | 0.10 | 1 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-02 Date Collected: 10/09/24 12:30

Client ID: TRENCH BASE DUP @ 6' Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | 0.29 | J | ug/kg | 1.4 | 0.11 | 1 |
| 1,4-Dichlorobenzene | 3.2 | | ug/kg | 1.4 | 0.12 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 1.4 | 0.14 | 1 |
| p/m-Xylene | 25 | | ug/kg | 1.4 | 0.41 | 1 |
| o-Xylene | 6.8 | | ug/kg | 0.72 | 0.21 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 0.72 | 0.13 | 1 |
| Styrene | ND | | ug/kg | 0.72 | 0.14 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 7.2 | 0.66 | 1 |
| Acetone | 20 | | ug/kg | 7.2 | 3.5 | 1 |
| Carbon disulfide | ND | | ug/kg | 7.2 | 3.3 | 1 |
| 2-Butanone | 1.7 | J | ug/kg | 7.2 | 1.6 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 7.2 | 0.93 | 1 |
| 2-Hexanone | ND | | ug/kg | 7.2 | 0.86 | 1 |
| Bromochloromethane | ND | | ug/kg | 1.4 | 0.15 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 0.72 | 0.20 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 2.2 | 0.72 | 1 |
| Isopropylbenzene | 12 | | ug/kg | 0.72 | 0.08 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 1.4 | 0.23 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 1.4 | 0.20 | 1 |
| Methyl Acetate | ND | | ug/kg | 2.9 | 0.69 | 1 |
| Cyclohexane | ND | | ug/kg | 7.2 | 0.39 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 58 | 25. | 1 |
| Freon-113 | ND | | ug/kg | 2.9 | 0.50 | 1 |
| Methyl cyclohexane | 0.70 | J | ug/kg | 2.9 | 0.44 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 102 | | 70-130 |
| Toluene-d8 | 101 | | 70-130 |
| 4-Bromofluorobenzene | 112 | | 70-130 |
| Dibromofluoromethane | 97 | | 70-130 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-03 Date Collected: 10/09/24 13:00

Client ID: SOUTH SIDE @ 4'-A Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/18/24 10:17

Analyst: MKS

Percent Solids: 90%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 2.4 | 1.1 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 0.48 | 0.07 | 1 |
| Chloroform | ND | | ug/kg | 0.73 | 0.07 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 0.48 | 0.11 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 0.48 | 0.06 | 1 |
| Dibromochloromethane | ND | | ug/kg | 0.48 | 0.07 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 0.48 | 0.13 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.24 | 0.10 | 1 |
| Chlorobenzene | 0.85 | | ug/kg | 0.24 | 0.06 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 1.9 | 0.34 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 0.48 | 0.12 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.24 | 0.08 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.24 | 0.05 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 0.48 | 0.13 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.24 | 0.08 | 1 |
| Bromoform | ND | | ug/kg | 1.9 | 0.12 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.24 | 0.08 | 1 |
| Benzene | 0.88 | | ug/kg | 0.24 | 0.08 | 1 |
| Toluene | 4.2 | | ug/kg | 0.48 | 0.26 | 1 |
| Ethylbenzene | 2.0 | | ug/kg | 0.48 | 0.07 | 1 |
| Chloromethane | ND | | ug/kg | 1.9 | 0.45 | 1 |
| Bromomethane | ND | | ug/kg | 0.97 | 0.28 | 1 |
| Vinyl chloride | ND | | ug/kg | 0.48 | 0.16 | 1 |
| Chloroethane | ND | | ug/kg | 0.97 | 0.22 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 0.48 | 0.12 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 0.73 | 0.07 | 1 |
| Trichloroethene | ND | | ug/kg | 0.24 | 0.07 | 1 |
| 1,2-Dichlorobenzene | 0.90 | J | ug/kg | 0.97 | 0.07 | 1 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-03 Date Collected: 10/09/24 13:00

Client ID: SOUTH SIDE @ 4'-A Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 0.97 | 0.07 | 1 |
| 1,4-Dichlorobenzene | 0.12 | J | ug/kg | 0.97 | 0.08 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 0.97 | 0.10 | 1 |
| p/m-Xylene | 9.8 | | ug/kg | 0.97 | 0.27 | 1 |
| o-Xylene | 0.84 | | ug/kg | 0.48 | 0.14 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 0.48 | 0.09 | 1 |
| Styrene | ND | | ug/kg | 0.48 | 0.10 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 4.8 | 0.44 | 1 |
| Acetone | 8.6 | | ug/kg | 4.8 | 2.3 | 1 |
| Carbon disulfide | ND | | ug/kg | 4.8 | 2.2 | 1 |
| 2-Butanone | ND | | ug/kg | 4.8 | 1.1 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 4.8 | 0.62 | 1 |
| 2-Hexanone | ND | | ug/kg | 4.8 | 0.57 | 1 |
| Bromochloromethane | ND | | ug/kg | 0.97 | 0.10 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 0.48 | 0.14 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 1.4 | 0.48 | 1 |
| Isopropylbenzene | 2.8 | | ug/kg | 0.48 | 0.05 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 0.97 | 0.16 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 0.97 | 0.13 | 1 |
| Methyl Acetate | ND | | ug/kg | 1.9 | 0.46 | 1 |
| Cyclohexane | ND | | ug/kg | 4.8 | 0.26 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 39 | 17. | 1 |
| Freon-113 | ND | | ug/kg | 1.9 | 0.34 | 1 |
| Methyl cyclohexane | ND | | ug/kg | 1.9 | 0.29 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 100 | | 70-130 |
| Toluene-d8 | 98 | | 70-130 |
| 4-Bromofluorobenzene | 111 | | 70-130 |
| Dibromofluoromethane | 97 | | 70-130 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-04
Client ID: NORTH SIDE @ 4'-A
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 13:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/18/24 05:01
Analyst: MKS
Percent Solids: 89%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 High - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 210 | 98. | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 42 | 6.2 | 1 |
| Chloroform | ND | | ug/kg | 64 | 6.0 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 42 | 9.8 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 42 | 5.3 | 1 |
| Dibromochloromethane | ND | | ug/kg | 42 | 6.0 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 42 | 11. | 1 |
| Tetrachloroethene | ND | | ug/kg | 21 | 8.3 | 1 |
| Chlorobenzene | 83 | | ug/kg | 21 | 5.4 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 170 | 30. | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 42 | 11. | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 21 | 7.1 | 1 |
| Bromodichloromethane | ND | | ug/kg | 21 | 4.6 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 42 | 12. | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 21 | 6.7 | 1 |
| Bromoform | ND | | ug/kg | 170 | 10. | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 21 | 7.1 | 1 |
| Benzene | 33 | | ug/kg | 21 | 7.1 | 1 |
| Toluene | 1700 | | ug/kg | 42 | 23. | 1 |
| Ethylbenzene | 7800 | | ug/kg | 42 | 6.0 | 1 |
| Chloromethane | ND | | ug/kg | 170 | 40. | 1 |
| Bromomethane | ND | | ug/kg | 85 | 25. | 1 |
| Vinyl chloride | ND | | ug/kg | 42 | 14. | 1 |
| Chloroethane | ND | | ug/kg | 85 | 19. | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 42 | 10. | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 64 | 5.8 | 1 |
| Trichloroethene | ND | | ug/kg | 21 | 5.8 | 1 |
| 1,2-Dichlorobenzene | 510 | | ug/kg | 85 | 6.1 | 1 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-04 Date Collected: 10/09/24 13:30

Client ID: NORTH SIDE @ 4'-A Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 High - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | 6.7 | J | ug/kg | 85 | 6.3 | 1 |
| 1,4-Dichlorobenzene | 60 | J | ug/kg | 85 | 7.3 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 85 | 8.6 | 1 |
| p/m-Xylene | 17000 | | ug/kg | 85 | 24. | 1 |
| o-Xylene | 2600 | | ug/kg | 42 | 12. | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 42 | 7.4 | 1 |
| Styrene | ND | | ug/kg | 42 | 8.3 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 420 | 39. | 1 |
| Acetone | ND | | ug/kg | 420 | 200 | 1 |
| Carbon disulfide | ND | | ug/kg | 420 | 190 | 1 |
| 2-Butanone | ND | | ug/kg | 420 | 94. | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 420 | 54. | 1 |
| 2-Hexanone | ND | | ug/kg | 420 | 50. | 1 |
| Bromochloromethane | ND | | ug/kg | 85 | 8.7 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 42 | 12. | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 130 | 42. | 1 |
| Isopropylbenzene | 960 | | ug/kg | 42 | 4.6 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 85 | 14. | 1 |
| 1,2,4-Trichlorobenzene | 29 | J | ug/kg | 85 | 12. | 1 |
| Methyl Acetate | ND | | ug/kg | 170 | 40. | 1 |
| Cyclohexane | ND | | ug/kg | 420 | 23. | 1 |
| 1,4-Dioxane | ND | | ug/kg | 3400 | 1500 | 1 |
| Freon-113 | ND | | ug/kg | 170 | 30. | 1 |
| Methyl cyclohexane | 61 | J | ug/kg | 170 | 26. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 97 | | 70-130 |
| Toluene-d8 | 104 | | 70-130 |
| 4-Bromofluorobenzene | **158** | Q | 70-130 |
| Dibromofluoromethane | 90 | | 70-130 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-05 D2 Date Collected: 10/09/24 14:00
Client ID: SOUTH SIDE @ 4'-B Date Received: 10/11/24
Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/18/24 04:35
Analyst: MKS
Percent Solids: 88%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 High - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 350 | 160 | 2 |
| 1,1-Dichloroethane | ND | | ug/kg | 71 | 10. | 2 |
| Chloroform | ND | | ug/kg | 110 | 9.9 | 2 |
| Carbon tetrachloride | ND | | ug/kg | 71 | 16. | 2 |
| 1,2-Dichloropropane | ND | | ug/kg | 71 | 8.9 | 2 |
| Dibromochloromethane | ND | | ug/kg | 71 | 9.9 | 2 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 71 | 19. | 2 |
| Tetrachloroethene | ND | | ug/kg | 35 | 14. | 2 |
| Chlorobenzene | 190 | | ug/kg | 35 | 9.0 | 2 |
| Trichlorofluoromethane | ND | | ug/kg | 280 | 49. | 2 |
| 1,2-Dichloroethane | ND | | ug/kg | 71 | 18. | 2 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 35 | 12. | 2 |
| Bromodichloromethane | ND | | ug/kg | 35 | 7.7 | 2 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 71 | 19. | 2 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 35 | 11. | 2 |
| Bromoform | ND | | ug/kg | 280 | 17. | 2 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 35 | 12. | 2 |
| Benzene | 140 | | ug/kg | 35 | 12. | 2 |
| Toluene | 19000 | | ug/kg | 71 | 38. | 2 |
| Ethylbenzene | 13000 | | ug/kg | 71 | 10. | 2 |
| Chloromethane | ND | | ug/kg | 280 | 66. | 2 |
| Bromomethane | ND | | ug/kg | 140 | 41. | 2 |
| Vinyl chloride | ND | | ug/kg | 71 | 24. | 2 |
| Chloroethane | ND | | ug/kg | 140 | 32. | 2 |
| 1,1-Dichloroethene | ND | | ug/kg | 71 | 17. | 2 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 110 | 9.7 | 2 |
| Trichloroethene | ND | | ug/kg | 35 | 9.7 | 2 |
| 1,2-Dichlorobenzene | 1300 | | ug/kg | 140 | 10. | 2 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-05 D2 Date Collected: 10/09/24 14:00

Client ID: SOUTH SIDE @ 4'-B Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 High - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | 16 | J | ug/kg | 140 | 10. | 2 |
| 1,4-Dichlorobenzene | 170 | | ug/kg | 140 | 12. | 2 |
| Methyl tert butyl ether | ND | | ug/kg | 140 | 14. | 2 |
| p/m-Xylene | 49000 | E | ug/kg | 140 | 40. | 2 |
| o-Xylene | 11000 | | ug/kg | 71 | 21. | 2 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 71 | 12. | 2 |
| Styrene | ND | | ug/kg | 71 | 14. | 2 |
| Dichlorodifluoromethane | ND | | ug/kg | 710 | 65. | 2 |
| Acetone | ND | | ug/kg | 710 | 340 | 2 |
| Carbon disulfide | ND | | ug/kg | 710 | 320 | 2 |
| 2-Butanone | ND | | ug/kg | 710 | 160 | 2 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 710 | 91. | 2 |
| 2-Hexanone | ND | | ug/kg | 710 | 84. | 2 |
| Bromochloromethane | ND | | ug/kg | 140 | 14. | 2 |
| 1,2-Dibromoethane | ND | | ug/kg | 71 | 20. | 2 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 210 | 71. | 2 |
| Isopropylbenzene | 1600 | | ug/kg | 71 | 7.7 | 2 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 140 | 23. | 2 |
| 1,2,4-Trichlorobenzene | 50 | J | ug/kg | 140 | 19. | 2 |
| Methyl Acetate | ND | | ug/kg | 280 | 67. | 2 |
| Cyclohexane | ND | | ug/kg | 710 | 39. | 2 |
| 1,4-Dioxane | ND | | ug/kg | 5700 | 2500 | 2 |
| Freon-113 | ND | | ug/kg | 280 | 49. | 2 |
| Methyl cyclohexane | 76 | J | ug/kg | 280 | 43. | 2 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 97 | | 70-130 |
| Toluene-d8 | 104 | | 70-130 |
| 4-Bromofluorobenzene | **154** | Q | 70-130 |
| Dibromofluoromethane | 93 | | 70-130 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

**SAMPLE RESULTS**

Lab ID: L2459257-05 D
Client ID: SOUTH SIDE @ 4'-B
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 14:00
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/16/24 23:52
Analyst: MKS
Percent Solids: 88%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab | | | | | | |
| p/m-Xylene | 47000 | | ug/kg | 1400 | 400 | 20 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 102 | | 70-130 |
| Toluene-d8 | 98 | | 70-130 |
| 4-Bromofluorobenzene | 105 | | 70-130 |
| Dibromofluoromethane | 95 | | 70-130 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

**SAMPLE RESULTS**

Lab ID: L2459257-06 D2 Date Collected: 10/09/24 14:30
Client ID: NORTH SIDE @ 4'-B Date Received: 10/11/24
Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/18/24 12:01
Analyst: MKS
Percent Solids: 93%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 High - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 4100 | 1900 | 25 |
| 1,1-Dichloroethane | ND | | ug/kg | 830 | 120 | 25 |
| Chloroform | ND | | ug/kg | 1200 | 120 | 25 |
| Carbon tetrachloride | ND | | ug/kg | 830 | 190 | 25 |
| 1,2-Dichloropropane | ND | | ug/kg | 830 | 100 | 25 |
| Dibromochloromethane | ND | | ug/kg | 830 | 120 | 25 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 830 | 220 | 25 |
| Tetrachloroethene | ND | | ug/kg | 410 | 160 | 25 |
| Chlorobenzene | 1000 | | ug/kg | 410 | 100 | 25 |
| Trichlorofluoromethane | ND | | ug/kg | 3300 | 570 | 25 |
| 1,2-Dichloroethane | ND | | ug/kg | 830 | 210 | 25 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 410 | 140 | 25 |
| Bromodichloromethane | ND | | ug/kg | 410 | 90. | 25 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 830 | 220 | 25 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 410 | 130 | 25 |
| Bromoform | ND | | ug/kg | 3300 | 200 | 25 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 410 | 140 | 25 |
| Benzene | 530 | | ug/kg | 410 | 140 | 25 |
| Toluene | 720000 | E | ug/kg | 830 | 450 | 25 |
| Ethylbenzene | 59000 | | ug/kg | 830 | 120 | 25 |
| Chloromethane | ND | | ug/kg | 3300 | 770 | 25 |
| Bromomethane | ND | | ug/kg | 1600 | 480 | 25 |
| Vinyl chloride | ND | | ug/kg | 830 | 280 | 25 |
| Chloroethane | ND | | ug/kg | 1600 | 370 | 25 |
| 1,1-Dichloroethene | ND | | ug/kg | 830 | 200 | 25 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1200 | 110 | 25 |
| Trichloroethene | ND | | ug/kg | 410 | 110 | 25 |
| 1,2-Dichlorobenzene | 2500 | | ug/kg | 1600 | 120 | 25 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-06 D2 Date Collected: 10/09/24 14:30

Client ID: NORTH SIDE @ 4'-B Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 High - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 1600 | 120 | 25 |
| 1,4-Dichlorobenzene | 310 | J | ug/kg | 1600 | 140 | 25 |
| Methyl tert butyl ether | ND | | ug/kg | 1600 | 170 | 25 |
| p/m-Xylene | 240000 | | ug/kg | 1600 | 460 | 25 |
| o-Xylene | 85000 | | ug/kg | 830 | 240 | 25 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 830 | 140 | 25 |
| Styrene | ND | | ug/kg | 830 | 160 | 25 |
| Dichlorodifluoromethane | ND | | ug/kg | 8300 | 760 | 25 |
| Acetone | 4100 | J | ug/kg | 8300 | 4000 | 25 |
| Carbon disulfide | ND | | ug/kg | 8300 | 3800 | 25 |
| 2-Butanone | 6000 | J | ug/kg | 8300 | 1800 | 25 |
| 4-Methyl-2-pentanone | 2900 | J | ug/kg | 8300 | 1000 | 25 |
| 2-Hexanone | ND | | ug/kg | 8300 | 970 | 25 |
| Bromochloromethane | ND | | ug/kg | 1600 | 170 | 25 |
| 1,2-Dibromoethane | ND | | ug/kg | 830 | 230 | 25 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 2500 | 820 | 25 |
| Isopropylbenzene | 5200 | | ug/kg | 830 | 90. | 25 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 1600 | 270 | 25 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 1600 | 220 | 25 |
| Methyl Acetate | ND | | ug/kg | 3300 | 780 | 25 |
| Cyclohexane | ND | | ug/kg | 8300 | 450 | 25 |
| 1,4-Dioxane | ND | | ug/kg | 66000 | 29000 | 25 |
| Freon-113 | ND | | ug/kg | 3300 | 570 | 25 |
| Methyl cyclohexane | 560 | J | ug/kg | 3300 | 500 | 25 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 98 | | 70-130 |
| Toluene-d8 | 103 | | 70-130 |
| 4-Bromofluorobenzene | 124 | | 70-130 |
| Dibromofluoromethane | 94 | | 70-130 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-06 D
Client ID: NORTH SIDE @ 4'-B
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 14:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/18/24 01:33
Analyst: MKS
Percent Solids: 93%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 High - Westborough Lab** | | | | | | |
| Toluene | 790000 | | ug/kg | 3300 | 1800 | 100 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 101 | | 70-130 |
| Toluene-d8 | 101 | | 70-130 |
| 4-Bromofluorobenzene | 105 | | 70-130 |
| Dibromofluoromethane | 95 | | 70-130 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

**SAMPLE RESULTS**

Lab ID: L2459257-07 Date Collected: 10/09/24 15:00
Client ID: FIELD BLANK Date Received: 10/11/24
Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/21/24 11:24
Analyst: AJK
Percent Solids: Results reported on an 'AS RECEIVED' basis.

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 2.2 | 1.0 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 0.44 | 0.06 | 1 |
| Chloroform | ND | | ug/kg | 0.66 | 0.06 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 0.44 | 0.10 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 0.44 | 0.06 | 1 |
| Dibromochloromethane | ND | | ug/kg | 0.44 | 0.06 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 0.44 | 0.12 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.22 | 0.09 | 1 |
| Chlorobenzene | 2.2 | | ug/kg | 0.22 | 0.06 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 1.8 | 0.31 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 0.44 | 0.11 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.22 | 0.07 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.22 | 0.05 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 0.44 | 0.12 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.22 | 0.07 | 1 |
| Bromoform | ND | | ug/kg | 1.8 | 0.11 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.22 | 0.07 | 1 |
| Benzene | 3.7 | | ug/kg | 0.22 | 0.07 | 1 |
| Toluene | 15 | | ug/kg | 0.44 | 0.24 | 1 |
| Ethylbenzene | 6.6 | | ug/kg | 0.44 | 0.06 | 1 |
| Chloromethane | ND | | ug/kg | 1.8 | 0.41 | 1 |
| Bromomethane | ND | | ug/kg | 0.88 | 0.26 | 1 |
| Vinyl chloride | ND | | ug/kg | 0.44 | 0.15 | 1 |
| Chloroethane | ND | | ug/kg | 0.88 | 0.20 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 0.44 | 0.10 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 0.66 | 0.06 | 1 |
| Trichloroethene | ND | | ug/kg | 0.22 | 0.06 | 1 |
| 1,2-Dichlorobenzene | 4.0 | | ug/kg | 0.88 | 0.06 | 1 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-07 Date Collected: 10/09/24 15:00

Client ID: FIELD BLANK Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 0.88 | 0.07 | 1 |
| 1,4-Dichlorobenzene | 0.38 | J | ug/kg | 0.88 | 0.08 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 0.88 | 0.09 | 1 |
| p/m-Xylene | 12 | | ug/kg | 0.88 | 0.25 | 1 |
| o-Xylene | 2.0 | | ug/kg | 0.44 | 0.13 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 0.44 | 0.08 | 1 |
| Styrene | ND | | ug/kg | 0.44 | 0.09 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 4.4 | 0.40 | 1 |
| Acetone | 17 | | ug/kg | 4.4 | 2.1 | 1 |
| Carbon disulfide | ND | | ug/kg | 4.4 | 2.0 | 1 |
| 2-Butanone | 5.1 | | ug/kg | 4.4 | 0.98 | 1 |
| 4-Methyl-2-pentanone | 1.6 | J | ug/kg | 4.4 | 0.56 | 1 |
| 2-Hexanone | ND | | ug/kg | 4.4 | 0.52 | 1 |
| Bromochloromethane | ND | | ug/kg | 0.88 | 0.09 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 0.44 | 0.12 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 1.3 | 0.44 | 1 |
| Isopropylbenzene | 5.0 | | ug/kg | 0.44 | 0.05 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 0.88 | 0.14 | 1 |
| 1,2,4-Trichlorobenzene | 0.15 | J | ug/kg | 0.88 | 0.12 | 1 |
| Methyl Acetate | ND | | ug/kg | 1.8 | 0.42 | 1 |
| Cyclohexane | ND | | ug/kg | 4.4 | 0.24 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 35 | 16. | 1 |
| Freon-113 | ND | | ug/kg | 1.8 | 0.31 | 1 |
| Methyl cyclohexane | ND | | ug/kg | 1.8 | 0.27 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 107 | | 70-130 |
| Toluene-d8 | 94 | | 70-130 |
| 4-Bromofluorobenzene | 100 | | 70-130 |
| Dibromofluoromethane | 104 | | 70-130 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

**SAMPLE RESULTS**

Lab ID: L2459257-08 Date Collected: 10/09/24 15:30
Client ID: RINSE BLANK Date Received: 10/11/24
Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/15/24 13:16
Analyst: PID

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,1-Dichloroethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Chloroform | ND | | ug/l | 2.5 | 0.70 | 1 |
| Carbon tetrachloride | ND | | ug/l | 0.50 | 0.13 | 1 |
| 1,2-Dichloropropane | ND | | ug/l | 1.0 | 0.14 | 1 |
| Dibromochloromethane | ND | | ug/l | 0.50 | 0.15 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/l | 1.5 | 0.50 | 1 |
| Tetrachloroethene | ND | | ug/l | 0.50 | 0.18 | 1 |
| Chlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Trichlorofluoromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dichloroethane | ND | | ug/l | 0.50 | 0.13 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Bromodichloromethane | ND | | ug/l | 0.50 | 0.19 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/l | 0.50 | 0.16 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/l | 0.50 | 0.14 | 1 |
| Bromoform | ND | | ug/l | 2.0 | 0.65 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/l | 0.50 | 0.17 | 1 |
| Benzene | ND | | ug/l | 0.50 | 0.16 | 1 |
| Toluene | 1.2 | J | ug/l | 2.5 | 0.70 | 1 |
| Ethylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Chloromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Bromomethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Vinyl chloride | ND | | ug/l | 1.0 | 0.07 | 1 |
| Chloroethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,1-Dichloroethene | ND | | ug/l | 0.50 | 0.17 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Trichloroethene | ND | | ug/l | 0.50 | 0.18 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-08 Date Collected: 10/09/24 15:30

Client ID: RINSE BLANK Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Methyl tert butyl ether | ND | | ug/l | 2.5 | 0.17 | 1 |
| p/m-Xylene | ND | | ug/l | 2.5 | 0.70 | 1 |
| o-Xylene | ND | | ug/l | 2.5 | 0.70 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Styrene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Dichlorodifluoromethane | ND | | ug/l | 5.0 | 1.0 | 1 |
| Acetone | ND | | ug/l | 5.0 | 1.5 | 1 |
| Carbon disulfide | ND | | ug/l | 5.0 | 1.0 | 1 |
| 2-Butanone | ND | | ug/l | 5.0 | 1.9 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/l | 5.0 | 1.0 | 1 |
| 2-Hexanone | ND | | ug/l | 5.0 | 1.0 | 1 |
| Bromochloromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dibromoethane | ND | | ug/l | 2.0 | 0.65 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Isopropylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Methyl Acetate | ND | | ug/l | 2.0 | 0.23 | 1 |
| Cyclohexane | ND | | ug/l | 10 | 0.27 | 1 |
| 1,4-Dioxane | ND | | ug/l | 250 | 61. | 1 |
| Freon-113 | ND | | ug/l | 2.5 | 0.70 | 1 |
| Methyl cyclohexane | ND | | ug/l | 10 | 0.40 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 107 | | 70-130 |
| Toluene-d8 | 99 | | 70-130 |
| 4-Bromofluorobenzene | 102 | | 70-130 |
| Dibromofluoromethane | 110 | | 70-130 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

**SAMPLE RESULTS**

Lab ID: L2459257-09 Date Collected: 10/10/24 12:30
Client ID: SOUTH SIDE @ 3'-C Date Received: 10/11/24
Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/18/24 04:09
Analyst: MKS
Percent Solids: 89%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 High - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 180 | 81. | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 35 | 5.1 | 1 |
| Chloroform | ND | | ug/kg | 53 | 4.9 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 35 | 8.1 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 35 | 4.4 | 1 |
| Dibromochloromethane | ND | | ug/kg | 35 | 4.9 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 35 | 9.4 | 1 |
| Tetrachloroethene | ND | | ug/kg | 18 | 6.9 | 1 |
| Chlorobenzene | 10 | J | ug/kg | 18 | 4.5 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 140 | 24. | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 35 | 9.0 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 18 | 5.9 | 1 |
| Bromodichloromethane | ND | | ug/kg | 18 | 3.8 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 35 | 9.6 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 18 | 5.6 | 1 |
| Bromoform | ND | | ug/kg | 140 | 8.7 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 18 | 5.8 | 1 |
| Benzene | 24 | | ug/kg | 18 | 5.8 | 1 |
| Toluene | 280 | | ug/kg | 35 | 19. | 1 |
| Ethylbenzene | 1800 | | ug/kg | 35 | 5.0 | 1 |
| Chloromethane | ND | | ug/kg | 140 | 33. | 1 |
| Bromomethane | ND | | ug/kg | 70 | 20. | 1 |
| Vinyl chloride | ND | | ug/kg | 35 | 12. | 1 |
| Chloroethane | ND | | ug/kg | 70 | 16. | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 35 | 8.4 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 53 | 4.8 | 1 |
| Trichloroethene | ND | | ug/kg | 18 | 4.8 | 1 |
| 1,2-Dichlorobenzene | 110 | | ug/kg | 70 | 5.1 | 1 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-09 Date Collected: 10/10/24 12:30

Client ID: SOUTH SIDE @ 3'-C Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 High - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 70 | 5.2 | 1 |
| 1,4-Dichlorobenzene | 14 | J | ug/kg | 70 | 6.0 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 70 | 7.1 | 1 |
| p/m-Xylene | 7200 | | ug/kg | 70 | 20. | 1 |
| o-Xylene | 1400 | | ug/kg | 35 | 10. | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 35 | 6.2 | 1 |
| Styrene | ND | | ug/kg | 35 | 6.9 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 350 | 32. | 1 |
| Acetone | 180 | J | ug/kg | 350 | 170 | 1 |
| Carbon disulfide | ND | | ug/kg | 350 | 160 | 1 |
| 2-Butanone | ND | | ug/kg | 350 | 78. | 1 |
| 4-Methyl-2-pentanone | 160 | J | ug/kg | 350 | 45. | 1 |
| 2-Hexanone | ND | | ug/kg | 350 | 42. | 1 |
| Bromochloromethane | ND | | ug/kg | 70 | 7.2 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 35 | 9.8 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 100 | 35. | 1 |
| Isopropylbenzene | 170 | | ug/kg | 35 | 3.8 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 70 | 11. | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 70 | 9.6 | 1 |
| Methyl Acetate | ND | | ug/kg | 140 | 33. | 1 |
| Cyclohexane | ND | | ug/kg | 350 | 19. | 1 |
| 1,4-Dioxane | ND | | ug/kg | 2800 | 1200 | 1 |
| Freon-113 | ND | | ug/kg | 140 | 24. | 1 |
| Methyl cyclohexane | ND | | ug/kg | 140 | 21. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 96 | | 70-130 |
| Toluene-d8 | 99 | | 70-130 |
| 4-Bromofluorobenzene | 116 | | 70-130 |
| Dibromofluoromethane | 91 | | 70-130 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

**SAMPLE RESULTS**

Lab ID: L2459257-10
Client ID: NORTH SIDE @ 3'-C
Sample Location: 2266 MILITARY RD.

Date Collected: 10/10/24 13:00
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/17/24 00:44
Analyst: MKS
Percent Solids: 89%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 High - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 220 | 100 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 44 | 6.3 | 1 |
| Chloroform | ND | | ug/kg | 65 | 6.1 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 44 | 10. | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 44 | 5.4 | 1 |
| Dibromochloromethane | ND | | ug/kg | 44 | 6.1 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 44 | 12. | 1 |
| Tetrachloroethene | ND | | ug/kg | 22 | 8.6 | 1 |
| Chlorobenzene | ND | | ug/kg | 22 | 5.5 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 170 | 30. | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 44 | 11. | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 22 | 7.3 | 1 |
| Bromodichloromethane | ND | | ug/kg | 22 | 4.8 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 44 | 12. | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 22 | 6.9 | 1 |
| Bromoform | ND | | ug/kg | 170 | 11. | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 22 | 7.2 | 1 |
| Benzene | 24 | | ug/kg | 22 | 7.2 | 1 |
| Toluene | ND | | ug/kg | 44 | 24. | 1 |
| Ethylbenzene | 370 | | ug/kg | 44 | 6.2 | 1 |
| Chloromethane | ND | | ug/kg | 170 | 41. | 1 |
| Bromomethane | ND | | ug/kg | 87 | 25. | 1 |
| Vinyl chloride | ND | | ug/kg | 44 | 15. | 1 |
| Chloroethane | ND | | ug/kg | 87 | 20. | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 44 | 10. | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 65 | 6.0 | 1 |
| Trichloroethene | ND | | ug/kg | 22 | 6.0 | 1 |
| 1,2-Dichlorobenzene | 41 | J | ug/kg | 87 | 6.3 | 1 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-10 Date Collected: 10/10/24 13:00

Client ID: NORTH SIDE @ 3'-C Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 High - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 87 | 6.5 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 87 | 7.5 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 87 | 8.8 | 1 |
| p/m-Xylene | 1800 | | ug/kg | 87 | 24. | 1 |
| o-Xylene | 200 | | ug/kg | 44 | 13. | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 44 | 7.6 | 1 |
| Styrene | ND | | ug/kg | 44 | 8.6 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 440 | 40. | 1 |
| Acetone | ND | | ug/kg | 440 | 210 | 1 |
| Carbon disulfide | ND | | ug/kg | 440 | 200 | 1 |
| 2-Butanone | ND | | ug/kg | 440 | 97. | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 440 | 56. | 1 |
| 2-Hexanone | ND | | ug/kg | 440 | 52. | 1 |
| Bromochloromethane | ND | | ug/kg | 87 | 8.9 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 44 | 12. | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 130 | 44. | 1 |
| Isopropylbenzene | 52 | | ug/kg | 44 | 4.8 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 87 | 14. | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 87 | 12. | 1 |
| Methyl Acetate | ND | | ug/kg | 170 | 41. | 1 |
| Cyclohexane | ND | | ug/kg | 440 | 24. | 1 |
| 1,4-Dioxane | ND | | ug/kg | 3500 | 1500 | 1 |
| Freon-113 | ND | | ug/kg | 170 | 30. | 1 |
| Methyl cyclohexane | ND | | ug/kg | 170 | 26. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 97 | | 70-130 |
| Toluene-d8 | 100 | | 70-130 |
| 4-Bromofluorobenzene | 102 | | 70-130 |
| Dibromofluoromethane | 95 | | 70-130 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

**SAMPLE RESULTS**

Lab ID: L2459257-10
Client ID: NORTH SIDE @ 3'-C
Sample Location: 2266 MILITARY RD.

Date Collected: 10/10/24 13:00
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/18/24 03:43
Analyst: MKS
Percent Solids: 89%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 3.3 | 1.5 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 0.67 | 0.10 | 1 |
| Chloroform | ND | | ug/kg | 1.0 | 0.09 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 0.67 | 0.15 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 0.67 | 0.08 | 1 |
| Dibromochloromethane | ND | | ug/kg | 0.67 | 0.09 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 0.67 | 0.18 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.33 | 0.13 | 1 |
| Chlorobenzene | 2.3 | | ug/kg | 0.33 | 0.09 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 2.7 | 0.46 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 0.67 | 0.17 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.33 | 0.11 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.33 | 0.07 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 0.67 | 0.18 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.33 | 0.10 | 1 |
| Bromoform | ND | | ug/kg | 2.7 | 0.16 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.33 | 0.11 | 1 |
| Benzene | 13 | | ug/kg | 0.33 | 0.11 | 1 |
| Toluene | 620 | E | ug/kg | 0.67 | 0.36 | 1 |
| Ethylbenzene | 200 | E | ug/kg | 0.67 | 0.09 | 1 |
| Chloromethane | ND | | ug/kg | 2.7 | 0.62 | 1 |
| Bromomethane | ND | | ug/kg | 1.3 | 0.39 | 1 |
| Vinyl chloride | ND | | ug/kg | 0.67 | 0.22 | 1 |
| Chloroethane | ND | | ug/kg | 1.3 | 0.30 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 0.67 | 0.16 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.0 | 0.09 | 1 |
| Trichloroethene | ND | | ug/kg | 0.33 | 0.09 | 1 |
| 1,2-Dichlorobenzene | 13 | | ug/kg | 1.3 | 0.10 | 1 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-10 Date Collected: 10/10/24 13:00

Client ID: NORTH SIDE @ 3'-C Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | 0.16 | J | ug/kg | 1.3 | 0.10 | 1 |
| 1,4-Dichlorobenzene | 1.4 | | ug/kg | 1.3 | 0.11 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 1.3 | 0.13 | 1 |
| p/m-Xylene | 830 | E | ug/kg | 1.3 | 0.37 | 1 |
| o-Xylene | 180 | | ug/kg | 0.67 | 0.19 | 1 |
| cis-1,2-Dichloroethene | 0.29 | J | ug/kg | 0.67 | 0.12 | 1 |
| Styrene | ND | | ug/kg | 0.67 | 0.13 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 6.7 | 0.61 | 1 |
| Acetone | 39 | | ug/kg | 6.7 | 3.2 | 1 |
| Carbon disulfide | ND | | ug/kg | 6.7 | 3.0 | 1 |
| 2-Butanone | 9.9 | | ug/kg | 6.7 | 1.5 | 1 |
| 4-Methyl-2-pentanone | 16 | | ug/kg | 6.7 | 0.85 | 1 |
| 2-Hexanone | ND | | ug/kg | 6.7 | 0.79 | 1 |
| Bromochloromethane | ND | | ug/kg | 1.3 | 0.14 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 0.67 | 0.19 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 2.0 | 0.66 | 1 |
| Isopropylbenzene | 21 | | ug/kg | 0.67 | 0.07 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 1.3 | 0.21 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 1.3 | 0.18 | 1 |
| Methyl Acetate | ND | | ug/kg | 2.7 | 0.63 | 1 |
| Cyclohexane | ND | | ug/kg | 6.7 | 0.36 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 53 | 23. | 1 |
| Freon-113 | ND | | ug/kg | 2.7 | 0.46 | 1 |
| Methyl cyclohexane | 1.4 | J | ug/kg | 2.7 | 0.40 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 101 | | 70-130 |
| Toluene-d8 | 103 | | 70-130 |
| 4-Bromofluorobenzene | 122 | | 70-130 |
| Dibromofluoromethane | 96 | | 70-130 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

**SAMPLE RESULTS**

Lab ID: L2459257-11 D2 Date Collected: 10/10/24 13:30
Client ID: EAST WALL @ 3' Date Received: 10/11/24
Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/20/24 21:59
Analyst: JIC
Percent Solids: 89%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 High - Westborough Lab** | | | | | | |
| Toluene | 790000 | | ug/kg | 3200 | 1700 | 100 |
| Ethylbenzene | 120000 | | ug/kg | 3200 | 450 | 100 |
| p/m-Xylene | 440000 | | ug/kg | 6400 | 1800 | 100 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 104 | | 70-130 |
| Toluene-d8 | 99 | | 70-130 |
| 4-Bromofluorobenzene | 97 | | 70-130 |
| Dibromofluoromethane | 106 | | 70-130 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

**SAMPLE RESULTS**

Lab ID: L2459257-11 D
Client ID: EAST WALL @ 3'
Sample Location: 2266 MILITARY RD.

Date Collected: 10/10/24 13:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/18/24 11:35
Analyst: MKS
Percent Solids: 89%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 High - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 1600 | 730 | 10 |
| 1,1-Dichloroethane | ND | | ug/kg | 320 | 46. | 10 |
| Chloroform | ND | | ug/kg | 480 | 44. | 10 |
| Carbon tetrachloride | ND | | ug/kg | 320 | 73. | 10 |
| 1,2-Dichloropropane | ND | | ug/kg | 320 | 40. | 10 |
| Dibromochloromethane | ND | | ug/kg | 320 | 44. | 10 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 320 | 85. | 10 |
| Tetrachloroethene | 68 | J | ug/kg | 160 | 62. | 10 |
| Chlorobenzene | ND | | ug/kg | 160 | 40. | 10 |
| Trichlorofluoromethane | ND | | ug/kg | 1300 | 220 | 10 |
| 1,2-Dichloroethane | ND | | ug/kg | 320 | 82. | 10 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 160 | 53. | 10 |
| Bromodichloromethane | ND | | ug/kg | 160 | 35. | 10 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 320 | 87. | 10 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 160 | 50. | 10 |
| Bromoform | ND | | ug/kg | 1300 | 78. | 10 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 160 | 53. | 10 |
| Benzene | 240 | | ug/kg | 160 | 53. | 10 |
| Toluene | 630000 | E | ug/kg | 320 | 170 | 10 |
| Ethylbenzene | 110000 | E | ug/kg | 320 | 45. | 10 |
| Chloromethane | ND | | ug/kg | 1300 | 300 | 10 |
| Bromomethane | ND | | ug/kg | 640 | 180 | 10 |
| Vinyl chloride | ND | | ug/kg | 320 | 110 | 10 |
| Chloroethane | ND | | ug/kg | 640 | 140 | 10 |
| 1,1-Dichloroethene | ND | | ug/kg | 320 | 76. | 10 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 480 | 44. | 10 |
| Trichloroethene | ND | | ug/kg | 160 | 44. | 10 |
| 1,2-Dichlorobenzene | 6100 | | ug/kg | 640 | 46. | 10 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-11 D
Client ID: EAST WALL @ 3'
Sample Location: 2266 MILITARY RD.

Date Collected: 10/10/24 13:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 High - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | 88 | J | ug/kg | 640 | 47. | 10 |
| 1,4-Dichlorobenzene | 850 | | ug/kg | 640 | 54. | 10 |
| Methyl tert butyl ether | ND | | ug/kg | 640 | 64. | 10 |
| p/m-Xylene | 380000 | E | ug/kg | 640 | 180 | 10 |
| o-Xylene | 140000 | | ug/kg | 320 | 93. | 10 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 320 | 56. | 10 |
| Styrene | 260 | J | ug/kg | 320 | 62. | 10 |
| Dichlorodifluoromethane | ND | | ug/kg | 3200 | 290 | 10 |
| Acetone | 1700 | J | ug/kg | 3200 | 1500 | 10 |
| Carbon disulfide | ND | | ug/kg | 3200 | 1400 | 10 |
| 2-Butanone | ND | | ug/kg | 3200 | 710 | 10 |
| 4-Methyl-2-pentanone | 9100 | | ug/kg | 3200 | 410 | 10 |
| 2-Hexanone | ND | | ug/kg | 3200 | 380 | 10 |
| Bromochloromethane | ND | | ug/kg | 640 | 65. | 10 |
| 1,2-Dibromoethane | ND | | ug/kg | 320 | 89. | 10 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 960 | 320 | 10 |
| Isopropylbenzene | 9400 | | ug/kg | 320 | 35. | 10 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 640 | 100 | 10 |
| 1,2,4-Trichlorobenzene | 150 | J | ug/kg | 640 | 86. | 10 |
| Methyl Acetate | ND | | ug/kg | 1300 | 300 | 10 |
| Cyclohexane | ND | | ug/kg | 3200 | 170 | 10 |
| 1,4-Dioxane | ND | | ug/kg | 25000 | 11000 | 10 |
| Freon-113 | ND | | ug/kg | 1300 | 220 | 10 |
| Methyl cyclohexane | 490 | J | ug/kg | 1300 | 190 | 10 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 104 | | 70-130 |
| Toluene-d8 | 105 | | 70-130 |
| 4-Bromofluorobenzene | **156** | Q | 70-130 |
| Dibromofluoromethane | 95 | | 70-130 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

**SAMPLE RESULTS**

Lab ID: L2459257-12 Date Collected: 10/10/24 00:00
Client ID: TRIP BLANK Date Received: 10/11/24
Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/15/24 13:40
Analyst: PID

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,1-Dichloroethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Chloroform | ND | | ug/l | 2.5 | 0.70 | 1 |
| Carbon tetrachloride | ND | | ug/l | 0.50 | 0.13 | 1 |
| 1,2-Dichloropropane | ND | | ug/l | 1.0 | 0.14 | 1 |
| Dibromochloromethane | ND | | ug/l | 0.50 | 0.15 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/l | 1.5 | 0.50 | 1 |
| Tetrachloroethene | ND | | ug/l | 0.50 | 0.18 | 1 |
| Chlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Trichlorofluoromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dichloroethane | ND | | ug/l | 0.50 | 0.13 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Bromodichloromethane | ND | | ug/l | 0.50 | 0.19 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/l | 0.50 | 0.16 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/l | 0.50 | 0.14 | 1 |
| Bromoform | ND | | ug/l | 2.0 | 0.65 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/l | 0.50 | 0.17 | 1 |
| Benzene | ND | | ug/l | 0.50 | 0.16 | 1 |
| Toluene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Ethylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Chloromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Bromomethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Vinyl chloride | ND | | ug/l | 1.0 | 0.07 | 1 |
| Chloroethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,1-Dichloroethene | ND | | ug/l | 0.50 | 0.17 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Trichloroethene | ND | | ug/l | 0.50 | 0.18 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-12 Date Collected: 10/10/24 00:00

Client ID: TRIP BLANK Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Methyl tert butyl ether | ND | | ug/l | 2.5 | 0.17 | 1 |
| p/m-Xylene | ND | | ug/l | 2.5 | 0.70 | 1 |
| o-Xylene | ND | | ug/l | 2.5 | 0.70 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Styrene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Dichlorodifluoromethane | ND | | ug/l | 5.0 | 1.0 | 1 |
| Acetone | ND | | ug/l | 5.0 | 1.5 | 1 |
| Carbon disulfide | ND | | ug/l | 5.0 | 1.0 | 1 |
| 2-Butanone | ND | | ug/l | 5.0 | 1.9 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/l | 5.0 | 1.0 | 1 |
| 2-Hexanone | ND | | ug/l | 5.0 | 1.0 | 1 |
| Bromochloromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dibromoethane | ND | | ug/l | 2.0 | 0.65 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Isopropylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Methyl Acetate | ND | | ug/l | 2.0 | 0.23 | 1 |
| Cyclohexane | ND | | ug/l | 10 | 0.27 | 1 |
| 1,4-Dioxane | ND | | ug/l | 250 | 61. | 1 |
| Freon-113 | ND | | ug/l | 2.5 | 0.70 | 1 |
| Methyl cyclohexane | ND | | ug/l | 10 | 0.40 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 109 | | 70-130 |
| Toluene-d8 | 99 | | 70-130 |
| 4-Bromofluorobenzene | 100 | | 70-130 |
| Dibromofluoromethane | 106 | | 70-130 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/15/24 08:21
Analyst: PID

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 08,12 Batch: WG1984456-5 | | | | | |
| Methylene chloride | ND | | ug/l | 2.5 | 0.70 |
| 1,1-Dichloroethane | ND | | ug/l | 2.5 | 0.70 |
| Chloroform | ND | | ug/l | 2.5 | 0.70 |
| Carbon tetrachloride | ND | | ug/l | 0.50 | 0.13 |
| 1,2-Dichloropropane | ND | | ug/l | 1.0 | 0.14 |
| Dibromochloromethane | ND | | ug/l | 0.50 | 0.15 |
| 1,1,2-Trichloroethane | ND | | ug/l | 1.5 | 0.50 |
| Tetrachloroethene | ND | | ug/l | 0.50 | 0.18 |
| Chlorobenzene | ND | | ug/l | 2.5 | 0.70 |
| Trichlorofluoromethane | ND | | ug/l | 2.5 | 0.70 |
| 1,2-Dichloroethane | ND | | ug/l | 0.50 | 0.13 |
| 1,1,1-Trichloroethane | ND | | ug/l | 2.5 | 0.70 |
| Bromodichloromethane | ND | | ug/l | 0.50 | 0.19 |
| trans-1,3-Dichloropropene | ND | | ug/l | 0.50 | 0.16 |
| cis-1,3-Dichloropropene | ND | | ug/l | 0.50 | 0.14 |
| Bromoform | ND | | ug/l | 2.0 | 0.65 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/l | 0.50 | 0.17 |
| Benzene | ND | | ug/l | 0.50 | 0.16 |
| Toluene | ND | | ug/l | 2.5 | 0.70 |
| Ethylbenzene | ND | | ug/l | 2.5 | 0.70 |
| Chloromethane | ND | | ug/l | 2.5 | 0.70 |
| Bromomethane | ND | | ug/l | 2.5 | 0.70 |
| Vinyl chloride | ND | | ug/l | 1.0 | 0.07 |
| Chloroethane | ND | | ug/l | 2.5 | 0.70 |
| 1,1-Dichloroethene | ND | | ug/l | 0.50 | 0.17 |
| trans-1,2-Dichloroethene | ND | | ug/l | 2.5 | 0.70 |
| Trichloroethene | ND | | ug/l | 0.50 | 0.18 |
| 1,2-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 |
| 1,3-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/15/24 08:21
Analyst: PID

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 08,12 Batch: WG1984456-5 | | | | | |
| 1,4-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 |
| Methyl tert butyl ether | ND | | ug/l | 2.5 | 0.17 |
| p/m-Xylene | ND | | ug/l | 2.5 | 0.70 |
| o-Xylene | ND | | ug/l | 2.5 | 0.70 |
| cis-1,2-Dichloroethene | ND | | ug/l | 2.5 | 0.70 |
| Styrene | ND | | ug/l | 2.5 | 0.70 |
| Dichlorodifluoromethane | ND | | ug/l | 5.0 | 1.0 |
| Acetone | ND | | ug/l | 5.0 | 1.5 |
| Carbon disulfide | ND | | ug/l | 5.0 | 1.0 |
| 2-Butanone | ND | | ug/l | 5.0 | 1.9 |
| 4-Methyl-2-pentanone | ND | | ug/l | 5.0 | 1.0 |
| 2-Hexanone | ND | | ug/l | 5.0 | 1.0 |
| Bromochloromethane | ND | | ug/l | 2.5 | 0.70 |
| 1,2-Dibromoethane | ND | | ug/l | 2.0 | 0.65 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/l | 2.5 | 0.70 |
| Isopropylbenzene | ND | | ug/l | 2.5 | 0.70 |
| 1,2,3-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 |
| 1,2,4-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 |
| Methyl Acetate | ND | | ug/l | 2.0 | 0.23 |
| Cyclohexane | ND | | ug/l | 10 | 0.27 |
| 1,4-Dioxane | ND | | ug/l | 250 | 61. |
| Freon-113 | ND | | ug/l | 2.5 | 0.70 |
| Methyl cyclohexane | ND | | ug/l | 10 | 0.40 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/15/24 08:21
Analyst: PID

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 08,12 Batch: WG1984456-5 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 106 | | 70-130 |
| Toluene-d8 | 98 | | 70-130 |
| 4-Bromofluorobenzene | 101 | | 70-130 |
| Dibromofluoromethane | 106 | | 70-130 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/16/24 22:34
Analyst: TMH

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 05,10 Batch: WG1985704-5 | | | | | |
| Methylene chloride | ND | | ug/kg | 250 | 110 |
| 1,1-Dichloroethane | ND | | ug/kg | 50 | 7.2 |
| Chloroform | ND | | ug/kg | 75 | 7.0 |
| Carbon tetrachloride | ND | | ug/kg | 50 | 12. |
| 1,2-Dichloropropane | ND | | ug/kg | 50 | 6.2 |
| Dibromochloromethane | ND | | ug/kg | 50 | 7.0 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 50 | 13. |
| Tetrachloroethene | ND | | ug/kg | 25 | 9.8 |
| Chlorobenzene | ND | | ug/kg | 25 | 6.4 |
| Trichlorofluoromethane | ND | | ug/kg | 200 | 35. |
| 1,2-Dichloroethane | ND | | ug/kg | 50 | 13. |
| 1,1,1-Trichloroethane | ND | | ug/kg | 25 | 8.4 |
| Bromodichloromethane | ND | | ug/kg | 25 | 5.4 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 50 | 14. |
| cis-1,3-Dichloropropene | ND | | ug/kg | 25 | 7.9 |
| Bromoform | ND | | ug/kg | 200 | 12. |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 25 | 8.3 |
| Benzene | ND | | ug/kg | 25 | 8.3 |
| Toluene | ND | | ug/kg | 50 | 27. |
| Ethylbenzene | ND | | ug/kg | 50 | 7.0 |
| Chloromethane | ND | | ug/kg | 200 | 47. |
| Bromomethane | ND | | ug/kg | 100 | 29. |
| Vinyl chloride | ND | | ug/kg | 50 | 17. |
| Chloroethane | ND | | ug/kg | 100 | 23. |
| 1,1-Dichloroethene | ND | | ug/kg | 50 | 12. |
| trans-1,2-Dichloroethene | ND | | ug/kg | 75 | 6.8 |
| Trichloroethene | ND | | ug/kg | 25 | 6.8 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 100 | 7.2 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 100 | 7.4 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/16/24 22:34
Analyst: TMH

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 05,10 Batch: WG1985704-5 | | | | | |
| 1,4-Dichlorobenzene | ND | | ug/kg | 100 | 8.6 |
| Methyl tert butyl ether | ND | | ug/kg | 100 | 10. |
| p/m-Xylene | ND | | ug/kg | 100 | 28. |
| o-Xylene | ND | | ug/kg | 50 | 14. |
| cis-1,2-Dichloroethene | ND | | ug/kg | 50 | 8.8 |
| Styrene | ND | | ug/kg | 50 | 9.8 |
| Dichlorodifluoromethane | ND | | ug/kg | 500 | 46. |
| Acetone | ND | | ug/kg | 500 | 240 |
| Carbon disulfide | ND | | ug/kg | 500 | 230 |
| 2-Butanone | ND | | ug/kg | 500 | 110 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 500 | 64. |
| 2-Hexanone | ND | | ug/kg | 500 | 59. |
| Bromochloromethane | ND | | ug/kg | 100 | 10. |
| 1,2-Dibromoethane | ND | | ug/kg | 50 | 14. |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 150 | 50. |
| Isopropylbenzene | ND | | ug/kg | 50 | 5.4 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 100 | 16. |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 100 | 14. |
| Methyl Acetate | ND | | ug/kg | 200 | 48. |
| Cyclohexane | ND | | ug/kg | 500 | 27. |
| 1,4-Dioxane | ND | | ug/kg | 4000 | 1800 |
| Freon-113 | ND | | ug/kg | 200 | 35. |
| Methyl cyclohexane | ND | | ug/kg | 200 | 30. |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/16/24 22:34
Analyst: TMH

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 05,10 Batch: WG1985704-5 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 100 | | 70-130 |
| Toluene-d8 | 101 | | 70-130 |
| 4-Bromofluorobenzene | 100 | | 70-130 |
| Dibromofluoromethane | 95 | | 70-130 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/17/24 21:35
Analyst: TMH

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,10 Batch: WG1986107-5 | | | | | |
| Methylene chloride | ND | | ug/kg | 5.0 | 2.3 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.0 | 0.14 |
| Chloroform | 0.37 | J | ug/kg | 1.5 | 0.14 |
| Carbon tetrachloride | ND | | ug/kg | 1.0 | 0.23 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.0 | 0.12 |
| Dibromochloromethane | ND | | ug/kg | 1.0 | 0.14 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.0 | 0.27 |
| Tetrachloroethene | ND | | ug/kg | 0.50 | 0.20 |
| Chlorobenzene | ND | | ug/kg | 0.50 | 0.13 |
| Trichlorofluoromethane | ND | | ug/kg | 4.0 | 0.70 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.0 | 0.26 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.50 | 0.17 |
| Bromodichloromethane | ND | | ug/kg | 0.50 | 0.11 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.0 | 0.27 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.50 | 0.16 |
| Bromoform | ND | | ug/kg | 4.0 | 0.25 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.50 | 0.17 |
| Benzene | ND | | ug/kg | 0.50 | 0.17 |
| Toluene | ND | | ug/kg | 1.0 | 0.54 |
| Ethylbenzene | ND | | ug/kg | 1.0 | 0.14 |
| Chloromethane | ND | | ug/kg | 4.0 | 0.93 |
| Bromomethane | ND | | ug/kg | 2.0 | 0.58 |
| Vinyl chloride | ND | | ug/kg | 1.0 | 0.34 |
| Chloroethane | ND | | ug/kg | 2.0 | 0.45 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.0 | 0.24 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.5 | 0.14 |
| Trichloroethene | ND | | ug/kg | 0.50 | 0.14 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.14 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.15 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/17/24 21:35
Analyst: TMH

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,10 Batch: WG1986107-5 | | | | | |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.17 |
| Methyl tert butyl ether | ND | | ug/kg | 2.0 | 0.20 |
| p/m-Xylene | ND | | ug/kg | 2.0 | 0.56 |
| o-Xylene | ND | | ug/kg | 1.0 | 0.29 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.0 | 0.18 |
| Styrene | ND | | ug/kg | 1.0 | 0.20 |
| Dichlorodifluoromethane | ND | | ug/kg | 10 | 0.92 |
| Acetone | ND | | ug/kg | 10 | 4.8 |
| Carbon disulfide | ND | | ug/kg | 10 | 4.6 |
| 2-Butanone | ND | | ug/kg | 10 | 2.2 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 10 | 1.3 |
| 2-Hexanone | ND | | ug/kg | 10 | 1.2 |
| Bromochloromethane | ND | | ug/kg | 2.0 | 0.20 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.0 | 0.28 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.0 | 1.0 |
| Isopropylbenzene | ND | | ug/kg | 1.0 | 0.11 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.32 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.27 |
| Methyl Acetate | ND | | ug/kg | 4.0 | 0.95 |
| Cyclohexane | ND | | ug/kg | 10 | 0.54 |
| 1,4-Dioxane | ND | | ug/kg | 80 | 35. |
| Freon-113 | ND | | ug/kg | 4.0 | 0.69 |
| Methyl cyclohexane | ND | | ug/kg | 4.0 | 0.60 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/17/24 21:35
Analyst: TMH

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,10 Batch: WG1986107-5 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 102 | | 70-130 |
| Toluene-d8 | 101 | | 70-130 |
| 4-Bromofluorobenzene | 103 | | 70-130 |
| Dibromofluoromethane | 97 | | 70-130 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/17/24 21:35
Analyst: TMH

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02,04-06,09 Batch: WG1986109-5 | | | | | |
| Methylene chloride | ND | | ug/kg | 250 | 110 |
| 1,1-Dichloroethane | ND | | ug/kg | 50 | 7.2 |
| Chloroform | 19 | J | ug/kg | 75 | 7.0 |
| Carbon tetrachloride | ND | | ug/kg | 50 | 12. |
| 1,2-Dichloropropane | ND | | ug/kg | 50 | 6.2 |
| Dibromochloromethane | ND | | ug/kg | 50 | 7.0 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 50 | 13. |
| Tetrachloroethene | ND | | ug/kg | 25 | 9.8 |
| Chlorobenzene | ND | | ug/kg | 25 | 6.4 |
| Trichlorofluoromethane | ND | | ug/kg | 200 | 35. |
| 1,2-Dichloroethane | ND | | ug/kg | 50 | 13. |
| 1,1,1-Trichloroethane | ND | | ug/kg | 25 | 8.4 |
| Bromodichloromethane | ND | | ug/kg | 25 | 5.4 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 50 | 14. |
| cis-1,3-Dichloropropene | ND | | ug/kg | 25 | 7.9 |
| Bromoform | ND | | ug/kg | 200 | 12. |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 25 | 8.3 |
| Benzene | ND | | ug/kg | 25 | 8.3 |
| Toluene | ND | | ug/kg | 50 | 27. |
| Ethylbenzene | ND | | ug/kg | 50 | 7.0 |
| Chloromethane | ND | | ug/kg | 200 | 47. |
| Bromomethane | ND | | ug/kg | 100 | 29. |
| Vinyl chloride | ND | | ug/kg | 50 | 17. |
| Chloroethane | ND | | ug/kg | 100 | 23. |
| 1,1-Dichloroethene | ND | | ug/kg | 50 | 12. |
| trans-1,2-Dichloroethene | ND | | ug/kg | 75 | 6.8 |
| Trichloroethene | ND | | ug/kg | 25 | 6.8 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 100 | 7.2 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 100 | 7.4 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/17/24 21:35
Analyst: TMH

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02,04-06,09 Batch: WG1986109-5 | | | | | |
| 1,4-Dichlorobenzene | ND | | ug/kg | 100 | 8.6 |
| Methyl tert butyl ether | ND | | ug/kg | 100 | 10. |
| p/m-Xylene | ND | | ug/kg | 100 | 28. |
| o-Xylene | ND | | ug/kg | 50 | 14. |
| cis-1,2-Dichloroethene | ND | | ug/kg | 50 | 8.8 |
| Styrene | ND | | ug/kg | 50 | 9.8 |
| Dichlorodifluoromethane | ND | | ug/kg | 500 | 46. |
| Acetone | ND | | ug/kg | 500 | 240 |
| Carbon disulfide | ND | | ug/kg | 500 | 230 |
| 2-Butanone | ND | | ug/kg | 500 | 110 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 500 | 64. |
| 2-Hexanone | ND | | ug/kg | 500 | 59. |
| Bromochloromethane | ND | | ug/kg | 100 | 10. |
| 1,2-Dibromoethane | ND | | ug/kg | 50 | 14. |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 150 | 50. |
| Isopropylbenzene | ND | | ug/kg | 50 | 5.4 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 100 | 16. |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 100 | 14. |
| Methyl Acetate | ND | | ug/kg | 200 | 48. |
| Cyclohexane | ND | | ug/kg | 500 | 27. |
| 1,4-Dioxane | ND | | ug/kg | 4000 | 1800 |
| Freon-113 | ND | | ug/kg | 200 | 35. |
| Methyl cyclohexane | ND | | ug/kg | 200 | 30. |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/17/24 21:35
Analyst: TMH

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02,04-06,09 Batch: WG1986109-5 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 102 | | 70-130 |
| Toluene-d8 | 101 | | 70-130 |
| 4-Bromofluorobenzene | 103 | | 70-130 |
| Dibromofluoromethane | 97 | | 70-130 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/18/24 09:25
Analyst: LAC

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02-03 Batch: WG1986216-5 | | | | | |
| Methylene chloride | ND | | ug/kg | 5.0 | 2.3 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.0 | 0.14 |
| Chloroform | 0.28 | J | ug/kg | 1.5 | 0.14 |
| Carbon tetrachloride | ND | | ug/kg | 1.0 | 0.23 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.0 | 0.12 |
| Dibromochloromethane | ND | | ug/kg | 1.0 | 0.14 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.0 | 0.27 |
| Tetrachloroethene | ND | | ug/kg | 0.50 | 0.20 |
| Chlorobenzene | ND | | ug/kg | 0.50 | 0.13 |
| Trichlorofluoromethane | ND | | ug/kg | 4.0 | 0.70 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.0 | 0.26 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.50 | 0.17 |
| Bromodichloromethane | ND | | ug/kg | 0.50 | 0.11 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.0 | 0.27 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.50 | 0.16 |
| Bromoform | ND | | ug/kg | 4.0 | 0.25 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.50 | 0.17 |
| Benzene | ND | | ug/kg | 0.50 | 0.17 |
| Toluene | ND | | ug/kg | 1.0 | 0.54 |
| Ethylbenzene | ND | | ug/kg | 1.0 | 0.14 |
| Chloromethane | ND | | ug/kg | 4.0 | 0.93 |
| Bromomethane | ND | | ug/kg | 2.0 | 0.58 |
| Vinyl chloride | ND | | ug/kg | 1.0 | 0.34 |
| Chloroethane | ND | | ug/kg | 2.0 | 0.45 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.0 | 0.24 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.5 | 0.14 |
| Trichloroethene | ND | | ug/kg | 0.50 | 0.14 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.14 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.15 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/18/24 09:25
Analyst: LAC

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02-03 Batch: WG1986216-5 | | | | | |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.17 |
| Methyl tert butyl ether | ND | | ug/kg | 2.0 | 0.20 |
| p/m-Xylene | ND | | ug/kg | 2.0 | 0.56 |
| o-Xylene | ND | | ug/kg | 1.0 | 0.29 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.0 | 0.18 |
| Styrene | ND | | ug/kg | 1.0 | 0.20 |
| Dichlorodifluoromethane | ND | | ug/kg | 10 | 0.92 |
| Acetone | ND | | ug/kg | 10 | 4.8 |
| Carbon disulfide | ND | | ug/kg | 10 | 4.6 |
| 2-Butanone | ND | | ug/kg | 10 | 2.2 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 10 | 1.3 |
| 2-Hexanone | ND | | ug/kg | 10 | 1.2 |
| Bromochloromethane | ND | | ug/kg | 2.0 | 0.20 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.0 | 0.28 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.0 | 1.0 |
| Isopropylbenzene | ND | | ug/kg | 1.0 | 0.11 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.32 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.27 |
| Methyl Acetate | ND | | ug/kg | 4.0 | 0.95 |
| Cyclohexane | ND | | ug/kg | 10 | 0.54 |
| 1,4-Dioxane | ND | | ug/kg | 80 | 35. |
| Freon-113 | ND | | ug/kg | 4.0 | 0.69 |
| Methyl cyclohexane | ND | | ug/kg | 4.0 | 0.60 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/18/24 09:25
Analyst: LAC

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02-03 Batch: WG1986216-5 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 99 | | 70-130 |
| Toluene-d8 | 101 | | 70-130 |
| 4-Bromofluorobenzene | 101 | | 70-130 |
| Dibromofluoromethane | 94 | | 70-130 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/18/24 09:25
Analyst: LAC

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01,06,11 Batch: WG1986218-5 | | | | | |
| Methylene chloride | ND | | ug/kg | 250 | 110 |
| 1,1-Dichloroethane | ND | | ug/kg | 50 | 7.2 |
| Chloroform | 14 | J | ug/kg | 75 | 7.0 |
| Carbon tetrachloride | ND | | ug/kg | 50 | 12. |
| 1,2-Dichloropropane | ND | | ug/kg | 50 | 6.2 |
| Dibromochloromethane | ND | | ug/kg | 50 | 7.0 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 50 | 13. |
| Tetrachloroethene | ND | | ug/kg | 25 | 9.8 |
| Chlorobenzene | ND | | ug/kg | 25 | 6.4 |
| Trichlorofluoromethane | ND | | ug/kg | 200 | 35. |
| 1,2-Dichloroethane | ND | | ug/kg | 50 | 13. |
| 1,1,1-Trichloroethane | ND | | ug/kg | 25 | 8.4 |
| Bromodichloromethane | ND | | ug/kg | 25 | 5.4 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 50 | 14. |
| cis-1,3-Dichloropropene | ND | | ug/kg | 25 | 7.9 |
| Bromoform | ND | | ug/kg | 200 | 12. |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 25 | 8.3 |
| Benzene | ND | | ug/kg | 25 | 8.3 |
| Toluene | ND | | ug/kg | 50 | 27. |
| Ethylbenzene | ND | | ug/kg | 50 | 7.0 |
| Chloromethane | ND | | ug/kg | 200 | 47. |
| Bromomethane | ND | | ug/kg | 100 | 29. |
| Vinyl chloride | ND | | ug/kg | 50 | 17. |
| Chloroethane | ND | | ug/kg | 100 | 23. |
| 1,1-Dichloroethene | ND | | ug/kg | 50 | 12. |
| trans-1,2-Dichloroethene | ND | | ug/kg | 75 | 6.8 |
| Trichloroethene | ND | | ug/kg | 25 | 6.8 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 100 | 7.2 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 100 | 7.4 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/18/24 09:25
Analyst: LAC

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01,06,11 Batch: WG1986218-5 | | | | | |
| 1,4-Dichlorobenzene | ND | | ug/kg | 100 | 8.6 |
| Methyl tert butyl ether | ND | | ug/kg | 100 | 10. |
| p/m-Xylene | ND | | ug/kg | 100 | 28. |
| o-Xylene | ND | | ug/kg | 50 | 14. |
| cis-1,2-Dichloroethene | ND | | ug/kg | 50 | 8.8 |
| Styrene | ND | | ug/kg | 50 | 9.8 |
| Dichlorodifluoromethane | ND | | ug/kg | 500 | 46. |
| Acetone | ND | | ug/kg | 500 | 240 |
| Carbon disulfide | ND | | ug/kg | 500 | 230 |
| 2-Butanone | ND | | ug/kg | 500 | 110 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 500 | 64. |
| 2-Hexanone | ND | | ug/kg | 500 | 59. |
| Bromochloromethane | ND | | ug/kg | 100 | 10. |
| 1,2-Dibromoethane | ND | | ug/kg | 50 | 14. |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 150 | 50. |
| Isopropylbenzene | ND | | ug/kg | 50 | 5.4 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 100 | 16. |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 100 | 14. |
| Methyl Acetate | ND | | ug/kg | 200 | 48. |
| Cyclohexane | ND | | ug/kg | 500 | 27. |
| 1,4-Dioxane | ND | | ug/kg | 4000 | 1800 |
| Freon-113 | ND | | ug/kg | 200 | 35. |
| Methyl cyclohexane | ND | | ug/kg | 200 | 30. |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/18/24 09:25
Analyst: LAC

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01,06,11 Batch: WG1986218-5 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 99 | | 70-130 |
| Toluene-d8 | 101 | | 70-130 |
| 4-Bromofluorobenzene | 101 | | 70-130 |
| Dibromofluoromethane | 95 | | 70-130 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/20/24 14:35
Analyst: AJK

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 11 Batch: WG1986977-5 | | | | | |
| Methylene chloride | 150 | J | ug/kg | 250 | 110 |
| 1,1-Dichloroethane | ND | | ug/kg | 50 | 7.2 |
| Chloroform | ND | | ug/kg | 75 | 7.0 |
| Carbon tetrachloride | ND | | ug/kg | 50 | 12. |
| 1,2-Dichloropropane | ND | | ug/kg | 50 | 6.2 |
| Dibromochloromethane | ND | | ug/kg | 50 | 7.0 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 50 | 13. |
| Tetrachloroethene | ND | | ug/kg | 25 | 9.8 |
| Chlorobenzene | ND | | ug/kg | 25 | 6.4 |
| Trichlorofluoromethane | ND | | ug/kg | 200 | 35. |
| 1,2-Dichloroethane | ND | | ug/kg | 50 | 13. |
| 1,1,1-Trichloroethane | ND | | ug/kg | 25 | 8.4 |
| Bromodichloromethane | ND | | ug/kg | 25 | 5.4 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 50 | 14. |
| cis-1,3-Dichloropropene | ND | | ug/kg | 25 | 7.9 |
| Bromoform | ND | | ug/kg | 200 | 12. |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 25 | 8.3 |
| Benzene | ND | | ug/kg | 25 | 8.3 |
| Toluene | ND | | ug/kg | 50 | 27. |
| Ethylbenzene | ND | | ug/kg | 50 | 7.0 |
| Chloromethane | ND | | ug/kg | 200 | 47. |
| Bromomethane | ND | | ug/kg | 100 | 29. |
| Vinyl chloride | ND | | ug/kg | 50 | 17. |
| Chloroethane | ND | | ug/kg | 100 | 23. |
| 1,1-Dichloroethene | ND | | ug/kg | 50 | 12. |
| trans-1,2-Dichloroethene | ND | | ug/kg | 75 | 6.8 |
| Trichloroethene | ND | | ug/kg | 25 | 6.8 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 100 | 7.2 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 100 | 7.4 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/20/24 14:35
Analyst: AJK

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 11 Batch: WG1986977-5 | | | | | |
| 1,4-Dichlorobenzene | ND | | ug/kg | 100 | 8.6 |
| Methyl tert butyl ether | ND | | ug/kg | 100 | 10. |
| p/m-Xylene | ND | | ug/kg | 100 | 28. |
| o-Xylene | ND | | ug/kg | 50 | 14. |
| cis-1,2-Dichloroethene | ND | | ug/kg | 50 | 8.8 |
| Styrene | ND | | ug/kg | 50 | 9.8 |
| Dichlorodifluoromethane | ND | | ug/kg | 500 | 46. |
| Acetone | 330 | J | ug/kg | 500 | 240 |
| Carbon disulfide | ND | | ug/kg | 500 | 230 |
| 2-Butanone | ND | | ug/kg | 500 | 110 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 500 | 64. |
| 2-Hexanone | ND | | ug/kg | 500 | 59. |
| Bromochloromethane | ND | | ug/kg | 100 | 10. |
| 1,2-Dibromoethane | ND | | ug/kg | 50 | 14. |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 150 | 50. |
| Isopropylbenzene | ND | | ug/kg | 50 | 5.4 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 100 | 16. |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 100 | 14. |
| Methyl Acetate | ND | | ug/kg | 200 | 48. |
| Cyclohexane | ND | | ug/kg | 500 | 27. |
| 1,4-Dioxane | ND | | ug/kg | 4000 | 1800 |
| Freon-113 | ND | | ug/kg | 200 | 35. |
| Methyl cyclohexane | ND | | ug/kg | 200 | 30. |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/20/24 14:35
Analyst: AJK

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 11 Batch: WG1986977-5 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 124 | | 70-130 |
| Toluene-d8 | 94 | | 70-130 |
| 4-Bromofluorobenzene | 87 | | 70-130 |
| Dibromofluoromethane | 120 | | 70-130 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/21/24 10:02
Analyst: AJK

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 07 Batch: WG1987057-5 | | | | | |
| Methylene chloride | ND | | ug/kg | 5.0 | 2.3 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.0 | 0.14 |
| Chloroform | 0.14 | J | ug/kg | 1.5 | 0.14 |
| Carbon tetrachloride | ND | | ug/kg | 1.0 | 0.23 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.0 | 0.12 |
| Dibromochloromethane | ND | | ug/kg | 1.0 | 0.14 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.0 | 0.27 |
| Tetrachloroethene | ND | | ug/kg | 0.50 | 0.20 |
| Chlorobenzene | ND | | ug/kg | 0.50 | 0.13 |
| Trichlorofluoromethane | ND | | ug/kg | 4.0 | 0.70 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.0 | 0.26 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.50 | 0.17 |
| Bromodichloromethane | ND | | ug/kg | 0.50 | 0.11 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.0 | 0.27 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.50 | 0.16 |
| Bromoform | ND | | ug/kg | 4.0 | 0.25 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.50 | 0.17 |
| Benzene | ND | | ug/kg | 0.50 | 0.17 |
| Toluene | ND | | ug/kg | 1.0 | 0.54 |
| Ethylbenzene | ND | | ug/kg | 1.0 | 0.14 |
| Chloromethane | ND | | ug/kg | 4.0 | 0.93 |
| Bromomethane | 2.0 | | ug/kg | 2.0 | 0.58 |
| Vinyl chloride | ND | | ug/kg | 1.0 | 0.34 |
| Chloroethane | ND | | ug/kg | 2.0 | 0.45 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.0 | 0.24 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.5 | 0.14 |
| Trichloroethene | ND | | ug/kg | 0.50 | 0.14 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.14 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.15 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/21/24 10:02
Analyst: AJK

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 07 Batch: WG1987057-5 | | | | | |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.17 |
| Methyl tert butyl ether | ND | | ug/kg | 2.0 | 0.20 |
| p/m-Xylene | ND | | ug/kg | 2.0 | 0.56 |
| o-Xylene | ND | | ug/kg | 1.0 | 0.29 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.0 | 0.18 |
| Styrene | ND | | ug/kg | 1.0 | 0.20 |
| Dichlorodifluoromethane | ND | | ug/kg | 10 | 0.92 |
| Acetone | ND | | ug/kg | 10 | 4.8 |
| Carbon disulfide | ND | | ug/kg | 10 | 4.6 |
| 2-Butanone | ND | | ug/kg | 10 | 2.2 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 10 | 1.3 |
| 2-Hexanone | ND | | ug/kg | 10 | 1.2 |
| Bromochloromethane | ND | | ug/kg | 2.0 | 0.20 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.0 | 0.28 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.0 | 1.0 |
| Isopropylbenzene | ND | | ug/kg | 1.0 | 0.11 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.32 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.27 |
| Methyl Acetate | ND | | ug/kg | 4.0 | 0.95 |
| Cyclohexane | ND | | ug/kg | 10 | 0.54 |
| 1,4-Dioxane | ND | | ug/kg | 80 | 35. |
| Freon-113 | ND | | ug/kg | 4.0 | 0.69 |
| Methyl cyclohexane | ND | | ug/kg | 4.0 | 0.60 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/21/24 10:02
Analyst: AJK

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 07 Batch: WG1987057-5 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 110 | | 70-130 |
| Toluene-d8 | 91 | | 70-130 |
| 4-Bromofluorobenzene | 94 | | 70-130 |
| Dibromofluoromethane | 105 | | 70-130 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08,12 Batch: WG1984456-3 WG1984456-4 | | | | | | | | |
| Methylene chloride | 86 | | 88 | | 70-130 | 2 | | 20 |
| 1,1-Dichloroethane | 87 | | 92 | | 70-130 | 6 | | 20 |
| Chloroform | 87 | | 87 | | 70-130 | 0 | | 20 |
| Carbon tetrachloride | 90 | | 91 | | 63-132 | 1 | | 20 |
| 1,2-Dichloropropane | 87 | | 88 | | 70-130 | 1 | | 20 |
| Dibromochloromethane | 81 | | 81 | | 63-130 | 0 | | 20 |
| 1,1,2-Trichloroethane | 86 | | 85 | | 70-130 | 1 | | 20 |
| Tetrachloroethene | 88 | | 86 | | 70-130 | 2 | | 20 |
| Chlorobenzene | 87 | | 85 | | 75-130 | 2 | | 20 |
| Trichlorofluoromethane | 83 | | 84 | | 62-150 | 1 | | 20 |
| 1,2-Dichloroethane | 87 | | 90 | | 70-130 | 3 | | 20 |
| 1,1,1-Trichloroethane | 89 | | 91 | | 67-130 | 2 | | 20 |
| Bromodichloromethane | 88 | | 88 | | 67-130 | 0 | | 20 |
| trans-1,3-Dichloropropene | 80 | | 78 | | 70-130 | 3 | | 20 |
| cis-1,3-Dichloropropene | 91 | | 89 | | 70-130 | 2 | | 20 |
| Bromoform | 82 | | 81 | | 54-136 | 1 | | 20 |
| 1,1,2,2-Tetrachloroethane | 87 | | 83 | | 67-130 | 5 | | 20 |
| Benzene | 90 | | 89 | | 70-130 | 1 | | 20 |
| Toluene | 86 | | 84 | | 70-130 | 2 | | 20 |
| Ethylbenzene | 88 | | 88 | | 70-130 | 0 | | 20 |
| Chloromethane | 75 | | 74 | | 64-130 | 1 | | 20 |
| Bromomethane | 60 | | 68 | | 39-139 | 13 | | 20 |
| Vinyl chloride | 85 | | 86 | | 55-140 | 1 | | 20 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08,12 Batch: WG1984456-3 WG1984456-4 | | | | | | | | |
| Chloroethane | 91 | | 92 | | 55-138 | 1 | | 20 |
| 1,1-Dichloroethene | 92 | | 92 | | 61-145 | 0 | | 20 |
| trans-1,2-Dichloroethene | 95 | | 95 | | 70-130 | 0 | | 20 |
| Trichloroethene | 87 | | 91 | | 70-130 | 4 | | 20 |
| 1,2-Dichlorobenzene | 88 | | 87 | | 70-130 | 1 | | 20 |
| 1,3-Dichlorobenzene | 90 | | 88 | | 70-130 | 2 | | 20 |
| 1,4-Dichlorobenzene | 89 | | 87 | | 70-130 | 2 | | 20 |
| Methyl tert butyl ether | 84 | | 84 | | 63-130 | 0 | | 20 |
| p/m-Xylene | 90 | | 90 | | 70-130 | 0 | | 20 |
| o-Xylene | 90 | | 90 | | 70-130 | 0 | | 20 |
| cis-1,2-Dichloroethene | 87 | | 90 | | 70-130 | 3 | | 20 |
| Styrene | 90 | | 90 | | 70-130 | 0 | | 20 |
| Dichlorodifluoromethane | 78 | | 77 | | 36-147 | 1 | | 20 |
| Acetone | 75 | | 69 | | 58-148 | 8 | | 20 |
| Carbon disulfide | 92 | | 90 | | 51-130 | 2 | | 20 |
| 2-Butanone | 77 | | 76 | | 63-138 | 1 | | 20 |
| 4-Methyl-2-pentanone | 83 | | 79 | | 59-130 | 5 | | 20 |
| 2-Hexanone | 76 | | 75 | | 57-130 | 1 | | 20 |
| Bromochloromethane | 91 | | 89 | | 70-130 | 2 | | 20 |
| 1,2-Dibromoethane | 83 | | 83 | | 70-130 | 0 | | 20 |
| 1,2-Dibromo-3-chloropropane | 80 | | 76 | | 41-144 | 5 | | 20 |
| Isopropylbenzene | 93 | | 90 | | 70-130 | 3 | | 20 |
| 1,2,3-Trichlorobenzene | 86 | | 85 | | 70-130 | 1 | | 20 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08,12 Batch: WG1984456-3 WG1984456-4 | | | | | | | | |
| 1,2,4-Trichlorobenzene | 89 | | 87 | | 70-130 | 2 | | 20 |
| Methyl Acetate | 82 | | 83 | | 70-130 | 1 | | 20 |
| Cyclohexane | 92 | | 91 | | 70-130 | 1 | | 20 |
| 1,4-Dioxane | 94 | | 88 | | 56-162 | 7 | | 20 |
| Freon-113 | 88 | | 85 | | 70-130 | 3 | | 20 |
| Methyl cyclohexane | 95 | | 93 | | 70-130 | 2 | | 20 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 102 | | 99 | | 70-130 |
| Toluene-d8 | 98 | | 99 | | 70-130 |
| 4-Bromofluorobenzene | 101 | | 99 | | 70-130 |
| Dibromofluoromethane | 101 | | 102 | | 70-130 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 05,10 Batch: WG1985704-3 WG1985704-4 | | | | | | | | |
| Methylene chloride | 86 | | 82 | | 70-130 | 5 | | 30 |
| 1,1-Dichloroethane | 95 | | 91 | | 70-130 | 4 | | 30 |
| Chloroform | 95 | | 91 | | 70-130 | 4 | | 30 |
| Carbon tetrachloride | 93 | | 89 | | 70-130 | 4 | | 30 |
| 1,2-Dichloropropane | 96 | | 92 | | 70-130 | 4 | | 30 |
| Dibromochloromethane | 94 | | 92 | | 70-130 | 2 | | 30 |
| 1,1,2-Trichloroethane | 95 | | 91 | | 70-130 | 4 | | 30 |
| Tetrachloroethene | 96 | | 90 | | 70-130 | 6 | | 30 |
| Chlorobenzene | 93 | | 89 | | 70-130 | 4 | | 30 |
| Trichlorofluoromethane | 100 | | 92 | | 70-139 | 8 | | 30 |
| 1,2-Dichloroethane | 94 | | 91 | | 70-130 | 3 | | 30 |
| 1,1,1-Trichloroethane | 95 | | 89 | | 70-130 | 7 | | 30 |
| Bromodichloromethane | 94 | | 90 | | 70-130 | 4 | | 30 |
| trans-1,3-Dichloropropene | 97 | | 94 | | 70-130 | 3 | | 30 |
| cis-1,3-Dichloropropene | 98 | | 94 | | 70-130 | 4 | | 30 |
| Bromoform | 93 | | 91 | | 70-130 | 2 | | 30 |
| 1,1,2,2-Tetrachloroethane | 93 | | 93 | | 70-130 | 0 | | 30 |
| Benzene | 94 | | 89 | | 70-130 | 5 | | 30 |
| Toluene | 94 | | 87 | | 70-130 | 8 | | 30 |
| Ethylbenzene | 95 | | 89 | | 70-130 | 7 | | 30 |
| Chloromethane | 91 | | 84 | | 52-130 | 8 | | 30 |
| Bromomethane | 116 | | 104 | | 57-147 | 11 | | 30 |
| Vinyl chloride | 97 | | 87 | | 67-130 | 11 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 05,10 Batch: WG1985704-3 WG1985704-4 | | | | | | | | |
| Chloroethane | 104 | | 92 | | 50-151 | 12 | | 30 |
| 1,1-Dichloroethene | 96 | | 87 | | 65-135 | 10 | | 30 |
| trans-1,2-Dichloroethene | 93 | | 88 | | 70-130 | 6 | | 30 |
| Trichloroethene | 96 | | 90 | | 70-130 | 6 | | 30 |
| 1,2-Dichlorobenzene | 97 | | 91 | | 70-130 | 6 | | 30 |
| 1,3-Dichlorobenzene | 96 | | 90 | | 70-130 | 6 | | 30 |
| 1,4-Dichlorobenzene | 95 | | 88 | | 70-130 | 8 | | 30 |
| Methyl tert butyl ether | 95 | | 94 | | 66-130 | 1 | | 30 |
| p/m-Xylene | 97 | | 91 | | 70-130 | 6 | | 30 |
| o-Xylene | 95 | | 91 | | 70-130 | 4 | | 30 |
| cis-1,2-Dichloroethene | 94 | | 90 | | 70-130 | 4 | | 30 |
| Styrene | 98 | | 93 | | 70-130 | 5 | | 30 |
| Dichlorodifluoromethane | 95 | | 85 | | 30-146 | 11 | | 30 |
| Acetone | 86 | | 85 | | 54-140 | 1 | | 30 |
| Carbon disulfide | 92 | | 86 | | 59-130 | 7 | | 30 |
| 2-Butanone | 86 | | 86 | | 70-130 | 0 | | 30 |
| 4-Methyl-2-pentanone | 88 | | 92 | | 70-130 | 4 | | 30 |
| 2-Hexanone | 87 | | 84 | | 70-130 | 4 | | 30 |
| Bromochloromethane | 93 | | 89 | | 70-130 | 4 | | 30 |
| 1,2-Dibromoethane | 99 | | 96 | | 70-130 | 3 | | 30 |
| 1,2-Dibromo-3-chloropropane | 85 | | 87 | | 68-130 | 2 | | 30 |
| Isopropylbenzene | 97 | | 90 | | 70-130 | 7 | | 30 |
| 1,2,3-Trichlorobenzene | 98 | | 93 | | 70-130 | 5 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002

**Lab Number:** L2459257
**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 05,10 Batch: WG1985704-3 WG1985704-4 | | | | | | | | |
| 1,2,4-Trichlorobenzene | 100 | | 92 | | 70-130 | 8 | | 30 |
| Methyl Acetate | 90 | | 91 | | 51-146 | 1 | | 30 |
| Cyclohexane | 98 | | 91 | | 59-142 | 7 | | 30 |
| 1,4-Dioxane | 85 | | 73 | | 65-136 | 15 | | 30 |
| Freon-113 | 101 | | 94 | | 50-139 | 7 | | 30 |
| Methyl cyclohexane | 98 | | 92 | | 70-130 | 6 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 98 | | 98 | | 70-130 |
| Toluene-d8 | 99 | | 99 | | 70-130 |
| 4-Bromofluorobenzene | 101 | | 102 | | 70-130 |
| Dibromofluoromethane | 98 | | 101 | | 70-130 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002

**Lab Number:** L2459257
**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,10 Batch: WG1986107-3 WG1986107-4 | | | | | | | | |
| Methylene chloride | 82 | | **69** | Q | 70-130 | 17 | | 30 |
| 1,1-Dichloroethane | 92 | | 88 | | 70-130 | 4 | | 30 |
| Chloroform | 89 | | 87 | | 70-130 | 2 | | 30 |
| Carbon tetrachloride | 88 | | 86 | | 70-130 | 2 | | 30 |
| 1,2-Dichloropropane | 91 | | 88 | | 70-130 | 3 | | 30 |
| Dibromochloromethane | 88 | | 87 | | 70-130 | 1 | | 30 |
| 1,1,2-Trichloroethane | 89 | | 89 | | 70-130 | 0 | | 30 |
| Tetrachloroethene | 92 | | 87 | | 70-130 | 6 | | 30 |
| Chlorobenzene | 88 | | 86 | | 70-130 | 2 | | 30 |
| Trichlorofluoromethane | 91 | | 86 | | 70-139 | 6 | | 30 |
| 1,2-Dichloroethane | 88 | | 86 | | 70-130 | 2 | | 30 |
| 1,1,1-Trichloroethane | 90 | | 86 | | 70-130 | 5 | | 30 |
| Bromodichloromethane | 87 | | 86 | | 70-130 | 1 | | 30 |
| trans-1,3-Dichloropropene | 93 | | 90 | | 70-130 | 3 | | 30 |
| cis-1,3-Dichloropropene | 91 | | 91 | | 70-130 | 0 | | 30 |
| Bromoform | 86 | | 86 | | 70-130 | 0 | | 30 |
| 1,1,2,2-Tetrachloroethane | 90 | | 92 | | 70-130 | 2 | | 30 |
| Benzene | 90 | | 86 | | 70-130 | 5 | | 30 |
| Toluene | 89 | | 86 | | 70-130 | 3 | | 30 |
| Ethylbenzene | 90 | | 86 | | 70-130 | 5 | | 30 |
| Chloromethane | 87 | | 82 | | 52-130 | 6 | | 30 |
| Bromomethane | 89 | | 86 | | 57-147 | 3 | | 30 |
| Vinyl chloride | 87 | | 82 | | 67-130 | 6 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002

**Lab Number:** L2459257
**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,10 Batch: WG1986107-3 WG1986107-4 | | | | | | | | |
| Chloroethane | 93 | | 88 | | 50-151 | 6 | | 30 |
| 1,1-Dichloroethene | 90 | | 86 | | 65-135 | 5 | | 30 |
| trans-1,2-Dichloroethene | 90 | | 87 | | 70-130 | 3 | | 30 |
| Trichloroethene | 92 | | 88 | | 70-130 | 4 | | 30 |
| 1,2-Dichlorobenzene | 92 | | 88 | | 70-130 | 4 | | 30 |
| 1,3-Dichlorobenzene | 92 | | 88 | | 70-130 | 4 | | 30 |
| 1,4-Dichlorobenzene | 91 | | 86 | | 70-130 | 6 | | 30 |
| Methyl tert butyl ether | 90 | | 91 | | 66-130 | 1 | | 30 |
| p/m-Xylene | 92 | | 87 | | 70-130 | 6 | | 30 |
| o-Xylene | 88 | | 85 | | 70-130 | 3 | | 30 |
| cis-1,2-Dichloroethene | 90 | | 86 | | 70-130 | 5 | | 30 |
| Styrene | 90 | | 85 | | 70-130 | 6 | | 30 |
| Dichlorodifluoromethane | 86 | | 81 | | 30-146 | 6 | | 30 |
| Acetone | 79 | | 82 | | 54-140 | 4 | | 30 |
| Carbon disulfide | 88 | | 84 | | 59-130 | 5 | | 30 |
| 2-Butanone | 83 | | 84 | | 70-130 | 1 | | 30 |
| 4-Methyl-2-pentanone | 85 | | 89 | | 70-130 | 5 | | 30 |
| 2-Hexanone | 83 | | 87 | | 70-130 | 5 | | 30 |
| Bromochloromethane | 88 | | 87 | | 70-130 | 1 | | 30 |
| 1,2-Dibromoethane | 94 | | 93 | | 70-130 | 1 | | 30 |
| 1,2-Dibromo-3-chloropropane | 80 | | 80 | | 68-130 | 0 | | 30 |
| Isopropylbenzene | 94 | | 89 | | 70-130 | 5 | | 30 |
| 1,2,3-Trichlorobenzene | 94 | | 89 | | 70-130 | 5 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,10 Batch: WG1986107-3 WG1986107-4 | | | | | | | | |
| 1,2,4-Trichlorobenzene | 96 | | 90 | | 70-130 | 6 | | 30 |
| Methyl Acetate | 91 | | 90 | | 51-146 | 1 | | 30 |
| Cyclohexane | 97 | | 92 | | 59-142 | 5 | | 30 |
| 1,4-Dioxane | 95 | | 97 | | 65-136 | 2 | | 30 |
| Freon-113 | 97 | | 92 | | 50-139 | 5 | | 30 |
| Methyl cyclohexane | 95 | | 91 | | 70-130 | 4 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 97 | | 98 | | 70-130 |
| Toluene-d8 | 100 | | 99 | | 70-130 |
| 4-Bromofluorobenzene | 105 | | 103 | | 70-130 |
| Dibromofluoromethane | 99 | | 100 | | 70-130 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002

**Lab Number:** L2459257
**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02,04-06,09 Batch: WG1986109-3 WG1986109-4 | | | | | | | | |
| Methylene chloride | 82 | | **69** | Q | 70-130 | 17 | | 30 |
| 1,1-Dichloroethane | 92 | | 88 | | 70-130 | 4 | | 30 |
| Chloroform | 89 | | 87 | | 70-130 | 2 | | 30 |
| Carbon tetrachloride | 88 | | 86 | | 70-130 | 2 | | 30 |
| 1,2-Dichloropropane | 91 | | 88 | | 70-130 | 3 | | 30 |
| Dibromochloromethane | 88 | | 87 | | 70-130 | 1 | | 30 |
| 1,1,2-Trichloroethane | 89 | | 89 | | 70-130 | 0 | | 30 |
| Tetrachloroethene | 92 | | 87 | | 70-130 | 6 | | 30 |
| Chlorobenzene | 88 | | 86 | | 70-130 | 2 | | 30 |
| Trichlorofluoromethane | 91 | | 86 | | 70-139 | 6 | | 30 |
| 1,2-Dichloroethane | 88 | | 86 | | 70-130 | 2 | | 30 |
| 1,1,1-Trichloroethane | 90 | | 86 | | 70-130 | 5 | | 30 |
| Bromodichloromethane | 87 | | 86 | | 70-130 | 1 | | 30 |
| trans-1,3-Dichloropropene | 93 | | 90 | | 70-130 | 3 | | 30 |
| cis-1,3-Dichloropropene | 91 | | 91 | | 70-130 | 0 | | 30 |
| Bromoform | 86 | | 86 | | 70-130 | 0 | | 30 |
| 1,1,2,2-Tetrachloroethane | 90 | | 92 | | 70-130 | 2 | | 30 |
| Benzene | 90 | | 86 | | 70-130 | 5 | | 30 |
| Toluene | 89 | | 86 | | 70-130 | 3 | | 30 |
| Ethylbenzene | 90 | | 86 | | 70-130 | 5 | | 30 |
| Chloromethane | 87 | | 82 | | 52-130 | 6 | | 30 |
| Bromomethane | 89 | | 86 | | 57-147 | 3 | | 30 |
| Vinyl chloride | 87 | | 82 | | 67-130 | 6 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002

**Lab Number:** L2459257
**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02,04-06,09 Batch: WG1986109-3 WG1986109-4 | | | | | | | | |
| Chloroethane | 93 | | 88 | | 50-151 | 6 | | 30 |
| 1,1-Dichloroethene | 90 | | 86 | | 65-135 | 5 | | 30 |
| trans-1,2-Dichloroethene | 90 | | 87 | | 70-130 | 3 | | 30 |
| Trichloroethene | 92 | | 88 | | 70-130 | 4 | | 30 |
| 1,2-Dichlorobenzene | 92 | | 88 | | 70-130 | 4 | | 30 |
| 1,3-Dichlorobenzene | 92 | | 88 | | 70-130 | 4 | | 30 |
| 1,4-Dichlorobenzene | 91 | | 86 | | 70-130 | 6 | | 30 |
| Methyl tert butyl ether | 90 | | 91 | | 66-130 | 1 | | 30 |
| p/m-Xylene | 92 | | 87 | | 70-130 | 6 | | 30 |
| o-Xylene | 88 | | 85 | | 70-130 | 3 | | 30 |
| cis-1,2-Dichloroethene | 90 | | 86 | | 70-130 | 5 | | 30 |
| Styrene | 90 | | 85 | | 70-130 | 6 | | 30 |
| Dichlorodifluoromethane | 86 | | 81 | | 30-146 | 6 | | 30 |
| Acetone | 79 | | 82 | | 54-140 | 4 | | 30 |
| Carbon disulfide | 88 | | 84 | | 59-130 | 5 | | 30 |
| 2-Butanone | 83 | | 84 | | 70-130 | 1 | | 30 |
| 4-Methyl-2-pentanone | 85 | | 89 | | 70-130 | 5 | | 30 |
| 2-Hexanone | 83 | | 87 | | 70-130 | 5 | | 30 |
| Bromochloromethane | 88 | | 87 | | 70-130 | 1 | | 30 |
| 1,2-Dibromoethane | 94 | | 93 | | 70-130 | 1 | | 30 |
| 1,2-Dibromo-3-chloropropane | 80 | | 80 | | 68-130 | 0 | | 30 |
| Isopropylbenzene | 94 | | 89 | | 70-130 | 5 | | 30 |
| 1,2,3-Trichlorobenzene | 94 | | 89 | | 70-130 | 5 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002

**Lab Number:** L2459257
**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02,04-06,09 Batch: WG1986109-3 WG1986109-4 | | | | | | | | |
| 1,2,4-Trichlorobenzene | 96 | | 90 | | 70-130 | 6 | | 30 |
| Methyl Acetate | 91 | | 90 | | 51-146 | 1 | | 30 |
| Cyclohexane | 97 | | 92 | | 59-142 | 5 | | 30 |
| 1,4-Dioxane | 95 | | 97 | | 65-136 | 2 | | 30 |
| Freon-113 | 97 | | 92 | | 50-139 | 5 | | 30 |
| Methyl cyclohexane | 95 | | 91 | | 70-130 | 4 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 97 | | 98 | | 70-130 |
| Toluene-d8 | 100 | | 100 | | 70-130 |
| 4-Bromofluorobenzene | 105 | | 102 | | 70-130 |
| Dibromofluoromethane | 99 | | 100 | | 70-130 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002

**Lab Number:** L2459257
**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-03 Batch: WG1986216-3 WG1986216-4 | | | | | | | | |
| Methylene chloride | 90 | | 92 | | 70-130 | 2 | | 30 |
| 1,1-Dichloroethane | 103 | | 105 | | 70-130 | 2 | | 30 |
| Chloroform | 98 | | 100 | | 70-130 | 2 | | 30 |
| Carbon tetrachloride | 100 | | 102 | | 70-130 | 2 | | 30 |
| 1,2-Dichloropropane | 100 | | 102 | | 70-130 | 2 | | 30 |
| Dibromochloromethane | 96 | | 98 | | 70-130 | 2 | | 30 |
| 1,1,2-Trichloroethane | 99 | | 100 | | 70-130 | 1 | | 30 |
| Tetrachloroethene | 104 | | 104 | | 70-130 | 0 | | 30 |
| Chlorobenzene | 99 | | 99 | | 70-130 | 0 | | 30 |
| Trichlorofluoromethane | 102 | | 104 | | 70-139 | 2 | | 30 |
| 1,2-Dichloroethane | 95 | | 98 | | 70-130 | 3 | | 30 |
| 1,1,1-Trichloroethane | 102 | | 105 | | 70-130 | 3 | | 30 |
| Bromodichloromethane | 95 | | 98 | | 70-130 | 3 | | 30 |
| trans-1,3-Dichloropropene | 101 | | 104 | | 70-130 | 3 | | 30 |
| cis-1,3-Dichloropropene | 102 | | 104 | | 70-130 | 2 | | 30 |
| Bromoform | 92 | | 94 | | 70-130 | 2 | | 30 |
| 1,1,2,2-Tetrachloroethane | 97 | | 102 | | 70-130 | 5 | | 30 |
| Benzene | 102 | | 102 | | 70-130 | 0 | | 30 |
| Toluene | 102 | | 100 | | 70-130 | 2 | | 30 |
| Ethylbenzene | 102 | | 103 | | 70-130 | 1 | | 30 |
| Chloromethane | 91 | | 100 | | 52-130 | 9 | | 30 |
| Bromomethane | 109 | | 108 | | 57-147 | 1 | | 30 |
| Vinyl chloride | 100 | | 99 | | 67-130 | 1 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-03 Batch: WG1986216-3 WG1986216-4 | | | | | | | | |
| Chloroethane | 109 | | 107 | | 50-151 | 2 | | 30 |
| 1,1-Dichloroethene | 104 | | 102 | | 65-135 | 2 | | 30 |
| trans-1,2-Dichloroethene | 101 | | 104 | | 70-130 | 3 | | 30 |
| Trichloroethene | 103 | | 104 | | 70-130 | 1 | | 30 |
| 1,2-Dichlorobenzene | 98 | | 99 | | 70-130 | 1 | | 30 |
| 1,3-Dichlorobenzene | 102 | | 102 | | 70-130 | 0 | | 30 |
| 1,4-Dichlorobenzene | 100 | | 100 | | 70-130 | 0 | | 30 |
| Methyl tert butyl ether | 98 | | 101 | | 66-130 | 3 | | 30 |
| p/m-Xylene | 104 | | 104 | | 70-130 | 0 | | 30 |
| o-Xylene | 100 | | 100 | | 70-130 | 0 | | 30 |
| cis-1,2-Dichloroethene | 100 | | 101 | | 70-130 | 1 | | 30 |
| Styrene | 101 | | 101 | | 70-130 | 0 | | 30 |
| Dichlorodifluoromethane | 96 | | 95 | | 30-146 | 1 | | 30 |
| Acetone | 98 | | 91 | | 54-140 | 7 | | 30 |
| Carbon disulfide | 101 | | 103 | | 59-130 | 2 | | 30 |
| 2-Butanone | 91 | | 96 | | 70-130 | 5 | | 30 |
| 4-Methyl-2-pentanone | 97 | | 97 | | 70-130 | 0 | | 30 |
| 2-Hexanone | 91 | | 95 | | 70-130 | 4 | | 30 |
| Bromochloromethane | 96 | | 98 | | 70-130 | 2 | | 30 |
| 1,2-Dibromoethane | 101 | | 104 | | 70-130 | 3 | | 30 |
| 1,2-Dibromo-3-chloropropane | 84 | | 90 | | 68-130 | 7 | | 30 |
| Isopropylbenzene | 107 | | 106 | | 70-130 | 1 | | 30 |
| 1,2,3-Trichlorobenzene | 98 | | 100 | | 70-130 | 2 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-03 Batch: WG1986216-3 WG1986216-4 | | | | | | | | |
| 1,2,4-Trichlorobenzene | 104 | | 106 | | 70-130 | 2 | | 30 |
| Methyl Acetate | 97 | | 100 | | 51-146 | 3 | | 30 |
| Cyclohexane | 111 | | 112 | | 59-142 | 1 | | 30 |
| 1,4-Dioxane | 96 | | 100 | | 65-136 | 4 | | 30 |
| Freon-113 | 109 | | 111 | | 50-139 | 2 | | 30 |
| Methyl cyclohexane | 111 | | 110 | | 70-130 | 1 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 98 | | 99 | | 70-130 |
| Toluene-d8 | 100 | | 99 | | 70-130 |
| 4-Bromofluorobenzene | 102 | | 102 | | 70-130 |
| Dibromofluoromethane | 99 | | 100 | | 70-130 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01,06,11 Batch: WG1986218-3 WG1986218-4 | | | | | | | | |
| Methylene chloride | 90 | | 92 | | 70-130 | 2 | | 30 |
| 1,1-Dichloroethane | 103 | | 105 | | 70-130 | 2 | | 30 |
| Chloroform | 98 | | 100 | | 70-130 | 2 | | 30 |
| Carbon tetrachloride | 100 | | 102 | | 70-130 | 2 | | 30 |
| 1,2-Dichloropropane | 100 | | 102 | | 70-130 | 2 | | 30 |
| Dibromochloromethane | 96 | | 98 | | 70-130 | 2 | | 30 |
| 1,1,2-Trichloroethane | 99 | | 100 | | 70-130 | 1 | | 30 |
| Tetrachloroethene | 104 | | 104 | | 70-130 | 0 | | 30 |
| Chlorobenzene | 99 | | 99 | | 70-130 | 0 | | 30 |
| Trichlorofluoromethane | 102 | | 104 | | 70-139 | 2 | | 30 |
| 1,2-Dichloroethane | 95 | | 98 | | 70-130 | 3 | | 30 |
| 1,1,1-Trichloroethane | 102 | | 105 | | 70-130 | 3 | | 30 |
| Bromodichloromethane | 95 | | 98 | | 70-130 | 3 | | 30 |
| trans-1,3-Dichloropropene | 101 | | 104 | | 70-130 | 3 | | 30 |
| cis-1,3-Dichloropropene | 102 | | 104 | | 70-130 | 2 | | 30 |
| Bromoform | 92 | | 94 | | 70-130 | 2 | | 30 |
| 1,1,2,2-Tetrachloroethane | 97 | | 102 | | 70-130 | 5 | | 30 |
| Benzene | 102 | | 102 | | 70-130 | 0 | | 30 |
| Toluene | 102 | | 100 | | 70-130 | 2 | | 30 |
| Ethylbenzene | 102 | | 103 | | 70-130 | 1 | | 30 |
| Chloromethane | 91 | | 100 | | 52-130 | 9 | | 30 |
| Bromomethane | 109 | | 108 | | 57-147 | 1 | | 30 |
| Vinyl chloride | 100 | | 99 | | 67-130 | 1 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01,06,11 Batch: WG1986218-3 WG1986218-4 | | | | | | | | |
| Chloroethane | 109 | | 107 | | 50-151 | 2 | | 30 |
| 1,1-Dichloroethene | 104 | | 102 | | 65-135 | 2 | | 30 |
| trans-1,2-Dichloroethene | 101 | | 104 | | 70-130 | 3 | | 30 |
| Trichloroethene | 103 | | 104 | | 70-130 | 1 | | 30 |
| 1,2-Dichlorobenzene | 98 | | 99 | | 70-130 | 1 | | 30 |
| 1,3-Dichlorobenzene | 102 | | 102 | | 70-130 | 0 | | 30 |
| 1,4-Dichlorobenzene | 100 | | 100 | | 70-130 | 0 | | 30 |
| Methyl tert butyl ether | 98 | | 101 | | 66-130 | 3 | | 30 |
| p/m-Xylene | 104 | | 104 | | 70-130 | 0 | | 30 |
| o-Xylene | 100 | | 100 | | 70-130 | 0 | | 30 |
| cis-1,2-Dichloroethene | 100 | | 101 | | 70-130 | 1 | | 30 |
| Styrene | 101 | | 101 | | 70-130 | 0 | | 30 |
| Dichlorodifluoromethane | 96 | | 95 | | 30-146 | 1 | | 30 |
| Acetone | 98 | | 91 | | 54-140 | 7 | | 30 |
| Carbon disulfide | 101 | | 103 | | 59-130 | 2 | | 30 |
| 2-Butanone | 91 | | 96 | | 70-130 | 5 | | 30 |
| 4-Methyl-2-pentanone | 97 | | 97 | | 70-130 | 0 | | 30 |
| 2-Hexanone | 91 | | 95 | | 70-130 | 4 | | 30 |
| Bromochloromethane | 96 | | 98 | | 70-130 | 2 | | 30 |
| 1,2-Dibromoethane | 101 | | 104 | | 70-130 | 3 | | 30 |
| 1,2-Dibromo-3-chloropropane | 84 | | 90 | | 68-130 | 7 | | 30 |
| Isopropylbenzene | 107 | | 106 | | 70-130 | 1 | | 30 |
| 1,2,3-Trichlorobenzene | 98 | | 100 | | 70-130 | 2 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01,06,11 Batch: WG1986218-3 WG1986218-4 | | | | | | | | |
| 1,2,4-Trichlorobenzene | 104 | | 106 | | 70-130 | 2 | | 30 |
| Methyl Acetate | 97 | | 100 | | 51-146 | 3 | | 30 |
| Cyclohexane | 111 | | 112 | | 59-142 | 1 | | 30 |
| 1,4-Dioxane | 96 | | 100 | | 65-136 | 4 | | 30 |
| Freon-113 | 109 | | 111 | | 50-139 | 2 | | 30 |
| Methyl cyclohexane | 111 | | 110 | | 70-130 | 1 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 98 | | 99 | | 70-130 |
| Toluene-d8 | 100 | | 100 | | 70-130 |
| 4-Bromofluorobenzene | 102 | | 102 | | 70-130 |
| Dibromofluoromethane | 99 | | 100 | | 70-130 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002

**Lab Number:** L2459257
**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 11 Batch: WG1986977-3 WG1986977-4 | | | | | | | | |
| Methylene chloride | 91 | | 92 | | 70-130 | 1 | | 30 |
| 1,1-Dichloroethane | 94 | | 94 | | 70-130 | 0 | | 30 |
| Chloroform | 98 | | 100 | | 70-130 | 2 | | 30 |
| Carbon tetrachloride | 100 | | 100 | | 70-130 | 0 | | 30 |
| 1,2-Dichloropropane | 92 | | 93 | | 70-130 | 1 | | 30 |
| Dibromochloromethane | 91 | | 93 | | 70-130 | 2 | | 30 |
| 1,1,2-Trichloroethane | 87 | | 90 | | 70-130 | 3 | | 30 |
| Tetrachloroethene | 102 | | 104 | | 70-130 | 2 | | 30 |
| Chlorobenzene | 94 | | 96 | | 70-130 | 2 | | 30 |
| Trichlorofluoromethane | 95 | | 98 | | 70-139 | 3 | | 30 |
| 1,2-Dichloroethane | 101 | | 100 | | 70-130 | 1 | | 30 |
| 1,1,1-Trichloroethane | 98 | | 98 | | 70-130 | 0 | | 30 |
| Bromodichloromethane | 91 | | 90 | | 70-130 | 1 | | 30 |
| trans-1,3-Dichloropropene | 89 | | 91 | | 70-130 | 2 | | 30 |
| cis-1,3-Dichloropropene | 92 | | 92 | | 70-130 | 0 | | 30 |
| Bromoform | 89 | | 92 | | 70-130 | 3 | | 30 |
| 1,1,2,2-Tetrachloroethane | 81 | | 82 | | 70-130 | 1 | | 30 |
| Benzene | 90 | | 92 | | 70-130 | 2 | | 30 |
| Toluene | 91 | | 93 | | 70-130 | 2 | | 30 |
| Ethylbenzene | 94 | | 96 | | 70-130 | 2 | | 30 |
| Chloromethane | 72 | | 72 | | 52-130 | 0 | | 30 |
| Bromomethane | 101 | | 99 | | 57-147 | 2 | | 30 |
| Vinyl chloride | 76 | | 79 | | 67-130 | 4 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 11 Batch: WG1986977-3 WG1986977-4 | | | | | | | | |
| Chloroethane | 81 | | 85 | | 50-151 | 5 | | 30 |
| 1,1-Dichloroethene | 88 | | 88 | | 65-135 | 0 | | 30 |
| trans-1,2-Dichloroethene | 94 | | 94 | | 70-130 | 0 | | 30 |
| Trichloroethene | 98 | | 103 | | 70-130 | 5 | | 30 |
| 1,2-Dichlorobenzene | 92 | | 96 | | 70-130 | 4 | | 30 |
| 1,3-Dichlorobenzene | 94 | | 98 | | 70-130 | 4 | | 30 |
| 1,4-Dichlorobenzene | 93 | | 96 | | 70-130 | 3 | | 30 |
| Methyl tert butyl ether | 78 | | 75 | | 66-130 | 4 | | 30 |
| p/m-Xylene | 96 | | 97 | | 70-130 | 1 | | 30 |
| o-Xylene | 93 | | 94 | | 70-130 | 1 | | 30 |
| cis-1,2-Dichloroethene | 93 | | 94 | | 70-130 | 1 | | 30 |
| Styrene | 92 | | 95 | | 70-130 | 3 | | 30 |
| Dichlorodifluoromethane | 52 | | 53 | | 30-146 | 2 | | 30 |
| Acetone | 102 | | 100 | | 54-140 | 2 | | 30 |
| Carbon disulfide | 80 | | 82 | | 59-130 | 2 | | 30 |
| 2-Butanone | 99 | | 96 | | 70-130 | 3 | | 30 |
| 4-Methyl-2-pentanone | 84 | | 83 | | 70-130 | 1 | | 30 |
| 2-Hexanone | 84 | | 85 | | 70-130 | 1 | | 30 |
| Bromochloromethane | 97 | | 97 | | 70-130 | 0 | | 30 |
| 1,2-Dibromoethane | 94 | | 96 | | 70-130 | 2 | | 30 |
| 1,2-Dibromo-3-chloropropane | 85 | | 88 | | 68-130 | 3 | | 30 |
| Isopropylbenzene | 90 | | 94 | | 70-130 | 4 | | 30 |
| 1,2,3-Trichlorobenzene | 94 | | 101 | | 70-130 | 7 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002

**Lab Number:** L2459257
**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 11 Batch: WG1986977-3 WG1986977-4 | | | | | | | | |
| 1,2,4-Trichlorobenzene | 98 | | 102 | | 70-130 | 4 | | 30 |
| Methyl Acetate | 83 | | 82 | | 51-146 | 1 | | 30 |
| Cyclohexane | 96 | | 98 | | 59-142 | 2 | | 30 |
| 1,4-Dioxane | 103 | | 89 | | 65-136 | 15 | | 30 |
| Freon-113 | 93 | | 92 | | 50-139 | 1 | | 30 |
| Methyl cyclohexane | 93 | | 92 | | 70-130 | 1 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 101 | | 103 | | 70-130 |
| Toluene-d8 | 97 | | 99 | | 70-130 |
| 4-Bromofluorobenzene | 94 | | 95 | | 70-130 |
| Dibromofluoromethane | 103 | | 104 | | 70-130 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002

**Lab Number:** L2459257
**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07 Batch: WG1987057-3 WG1987057-4 | | | | | | | | |
| Methylene chloride | 96 | | 90 | | 70-130 | 6 | | 30 |
| 1,1-Dichloroethane | 102 | | 96 | | 70-130 | 6 | | 30 |
| Chloroform | 100 | | 97 | | 70-130 | 3 | | 30 |
| Carbon tetrachloride | 96 | | 93 | | 70-130 | 3 | | 30 |
| 1,2-Dichloropropane | 100 | | 95 | | 70-130 | 5 | | 30 |
| Dibromochloromethane | 92 | | 90 | | 70-130 | 2 | | 30 |
| 1,1,2-Trichloroethane | 92 | | 93 | | 70-130 | 1 | | 30 |
| Tetrachloroethene | 94 | | 91 | | 70-130 | 3 | | 30 |
| Chlorobenzene | 94 | | 93 | | 70-130 | 1 | | 30 |
| Trichlorofluoromethane | 97 | | 88 | | 70-139 | 10 | | 30 |
| 1,2-Dichloroethane | 99 | | 98 | | 70-130 | 1 | | 30 |
| 1,1,1-Trichloroethane | 100 | | 97 | | 70-130 | 3 | | 30 |
| Bromodichloromethane | 97 | | 94 | | 70-130 | 3 | | 30 |
| trans-1,3-Dichloropropene | 97 | | 95 | | 70-130 | 2 | | 30 |
| cis-1,3-Dichloropropene | 102 | | 100 | | 70-130 | 2 | | 30 |
| Bromoform | 77 | | 80 | | 70-130 | 4 | | 30 |
| 1,1,2,2-Tetrachloroethane | 88 | | 88 | | 70-130 | 0 | | 30 |
| Benzene | 100 | | 99 | | 70-130 | 1 | | 30 |
| Toluene | 91 | | 90 | | 70-130 | 1 | | 30 |
| Ethylbenzene | 91 | | 90 | | 70-130 | 1 | | 30 |
| Chloromethane | 84 | | 78 | | 52-130 | 7 | | 30 |
| Bromomethane | 103 | | 92 | | 57-147 | 11 | | 30 |
| Vinyl chloride | 96 | | 89 | | 67-130 | 8 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002

**Lab Number:** L2459257
**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07 Batch: WG1987057-3 WG1987057-4 | | | | | | | | |
| Chloroethane | 107 | | 98 | | 50-151 | 9 | | 30 |
| 1,1-Dichloroethene | 101 | | 94 | | 65-135 | 7 | | 30 |
| trans-1,2-Dichloroethene | 99 | | 98 | | 70-130 | 1 | | 30 |
| Trichloroethene | 101 | | 97 | | 70-130 | 4 | | 30 |
| 1,2-Dichlorobenzene | 94 | | 94 | | 70-130 | 0 | | 30 |
| 1,3-Dichlorobenzene | 93 | | 93 | | 70-130 | 0 | | 30 |
| 1,4-Dichlorobenzene | 94 | | 93 | | 70-130 | 1 | | 30 |
| Methyl tert butyl ether | 88 | | 113 | | 66-130 | 25 | | 30 |
| p/m-Xylene | 92 | | 91 | | 70-130 | 1 | | 30 |
| o-Xylene | 92 | | 92 | | 70-130 | 0 | | 30 |
| cis-1,2-Dichloroethene | 100 | | 98 | | 70-130 | 2 | | 30 |
| Styrene | 94 | | 93 | | 70-130 | 1 | | 30 |
| Dichlorodifluoromethane | 55 | | 52 | | 30-146 | 6 | | 30 |
| Acetone | 107 | | 99 | | 54-140 | 8 | | 30 |
| Carbon disulfide | 96 | | 90 | | 59-130 | 6 | | 30 |
| 2-Butanone | 88 | | 83 | | 70-130 | 6 | | 30 |
| 4-Methyl-2-pentanone | 85 | | 86 | | 70-130 | 1 | | 30 |
| 2-Hexanone | 82 | | 81 | | 70-130 | 1 | | 30 |
| Bromochloromethane | 106 | | 102 | | 70-130 | 4 | | 30 |
| 1,2-Dibromoethane | 91 | | 90 | | 70-130 | 1 | | 30 |
| 1,2-Dibromo-3-chloropropane | 79 | | 78 | | 68-130 | 1 | | 30 |
| Isopropylbenzene | 87 | | 89 | | 70-130 | 2 | | 30 |
| 1,2,3-Trichlorobenzene | 96 | | 94 | | 70-130 | 2 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07 Batch: WG1987057-3 WG1987057-4 | | | | | | | | |
| 1,2,4-Trichlorobenzene | 96 | | 96 | | 70-130 | 0 | | 30 |
| Methyl Acetate | 92 | | 107 | | 51-146 | 15 | | 30 |
| Cyclohexane | 96 | | 93 | | 59-142 | 3 | | 30 |
| 1,4-Dioxane | 92 | | 89 | | 65-136 | 3 | | 30 |
| Freon-113 | 102 | | 94 | | 50-139 | 8 | | 30 |
| Methyl cyclohexane | 99 | | 97 | | 70-130 | 2 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 104 | | 103 | | 70-130 |
| Toluene-d8 | 96 | | 96 | | 70-130 |
| 4-Bromofluorobenzene | 96 | | 92 | | 70-130 |
| Dibromofluoromethane | 105 | | 102 | | 70-130 |

# Matrix Spike Analysis

## *Batch Quality Control*

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01,06,11 QC Batch ID: WG1986218-6 WG1986218-7 QC Sample: L2459257-06 Client ID: NORTH SIDE @ 4'-B | | | | | | | | | | | | |
| Methylene chloride | ND | 83000 | 71000 | 85 | | 71000 | 85 | | 70-130 | 0 | | 30 |
| 1,1-Dichloroethane | ND | 83000 | 80000 | 96 | | 81000 | 97 | | 70-130 | 1 | | 30 |
| Chloroform | ND | 83000 | 76000 | 92 | | 77000 | 93 | | 70-130 | 1 | | 30 |
| Carbon tetrachloride | ND | 83000 | 80000 | 96 | | 82000 | 98 | | 70-130 | 2 | | 30 |
| 1,2-Dichloropropane | ND | 83000 | 78000 | 94 | | 78000 | 94 | | 70-130 | 0 | | 30 |
| Dibromochloromethane | ND | 83000 | 76000 | 91 | | 77000 | 92 | | 70-130 | 1 | | 30 |
| 1,1,2-Trichloroethane | ND | 83000 | 85000 | 102 | | 85000 | 102 | | 70-130 | 0 | | 30 |
| Tetrachloroethene | ND | 83000 | 75000 | 90 | | 76000 | 91 | | 70-130 | 1 | | 30 |
| Chlorobenzene | 1000 | 83000 | 73000 | 87 | | 74000 | 87 | | 70-130 | 1 | | 30 |
| Trichlorofluoromethane | ND | 83000 | 85000 | 103 | | 85000 | 102 | | 70-139 | 1 | | 30 |
| 1,2-Dichloroethane | ND | 83000 | 75000 | 91 | | 75000 | 90 | | 70-130 | 1 | | 30 |
| 1,1,1-Trichloroethane | ND | 83000 | 80000 | 96 | | 81000 | 97 | | 70-130 | 1 | | 30 |
| Bromodichloromethane | ND | 83000 | 76000 | 92 | | 76000 | 92 | | 70-130 | 0 | | 30 |
| trans-1,3-Dichloropropene | ND | 83000 | 81000 | 97 | | 82000 | 98 | | 70-130 | 1 | | 30 |
| cis-1,3-Dichloropropene | ND | 83000 | 82000 | 99 | | 82000 | 99 | | 70-130 | 0 | | 30 |
| Bromoform | ND | 83000 | 75000 | 90 | | 74000 | 89 | | 70-130 | 1 | | 30 |
| 1,1,2,2-Tetrachloroethane | ND | 83000 | 82000 | 99 | | 79000 | 95 | | 70-130 | 4 | | 30 |
| Benzene | 530 | 83000 | 78000 | 93 | | 79000 | 94 | | 70-130 | 1 | | 30 |
| Toluene | 720000E | 83000 | 730000E | **8** | Q | 740000E | **24** | Q | 70-130 | 2 | | 30 |
| Ethylbenzene | 59000 | 83000 | 120000 | 78 | | 130000 | 81 | | 70-130 | 2 | | 30 |
| Chloromethane | ND | 83000 | 80000 | 96 | | 82000 | 99 | | 52-130 | 3 | | 30 |
| Bromomethane | ND | 83000 | 78000 | 94 | | 81000 | 97 | | 57-147 | 3 | | 30 |
| Vinyl chloride | ND | 83000 | 79000 | 96 | | 81000 | 98 | | 67-130 | 2 | | 30 |

# Matrix Spike Analysis

## *Batch Quality Control*

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01,06,11 QC Batch ID: WG1986218-6 WG1986218-7 QC Sample: L2459257-06 Client ID: NORTH SIDE @ 4'-B | | | | | | | | | | | | |
| Chloroethane | ND | 83000 | 80000 | 96 | | 81000 | 98 | | 50-151 | 2 | | 30 |
| 1,1-Dichloroethene | ND | 83000 | 81000 | 97 | | 83000 | 100 | | 65-135 | 3 | | 30 |
| trans-1,2-Dichloroethene | ND | 83000 | 78000 | 94 | | 80000 | 96 | | 70-130 | 2 | | 30 |
| Trichloroethene | ND | 83000 | 77000 | 93 | | 78000 | 94 | | 70-130 | 1 | | 30 |
| 1,2-Dichlorobenzene | 2500 | 83000 | 73000 | 85 | | 70000 | 81 | | 70-130 | 4 | | 30 |
| 1,3-Dichlorobenzene | ND | 83000 | 70000 | 84 | | 68000 | 82 | | 70-130 | 3 | | 30 |
| 1,4-Dichlorobenzene | 310J | 83000 | 68000 | 82 | | 66000 | 79 | | 70-130 | 4 | | 30 |
| Methyl tert butyl ether | ND | 83000 | 78000 | 94 | | 79000 | 95 | | 66-130 | 0 | | 30 |
| p/m-Xylene | 240000 | 160000 | 350000 | **69** | Q | 350000 | 71 | | 70-130 | 1 | | 30 |
| o-Xylene | 85000 | 160000 | 220000 | 82 | | 220000 | 83 | | 70-130 | 0 | | 30 |
| cis-1,2-Dichloroethene | ND | 83000 | 77000 | 93 | | 78000 | 94 | | 70-130 | 1 | | 30 |
| Styrene | ND | 160000 | 150000 | 91 | | 150000 | 91 | | 70-130 | 0 | | 30 |
| Dichlorodifluoromethane | ND | 83000 | 76000 | 92 | | 76000 | 92 | | 30-146 | 0 | | 30 |
| Acetone | 4100J | 83000 | 77000 | 93 | | 76000 | 91 | | 54-140 | 1 | | 30 |
| Carbon disulfide | ND | 83000 | 81000 | 98 | | 83000 | 99 | | 59-130 | 1 | | 30 |
| 2-Butanone | 6000J | 83000 | 89000 | 107 | | 88000 | 106 | | 70-130 | 2 | | 30 |
| 4-Methyl-2-pentanone | 2900J | 83000 | 87000 | 105 | | 85000 | 103 | | 70-130 | 2 | | 30 |
| 2-Hexanone | ND | 83000 | 84000 | 102 | | 83000 | 100 | | 70-130 | 2 | | 30 |
| Bromochloromethane | ND | 83000 | 75000 | 90 | | 75000 | 90 | | 70-130 | 1 | | 30 |
| 1,2-Dibromoethane | ND | 83000 | 80000 | 96 | | 80000 | 96 | | 70-130 | 0 | | 30 |
| 1,2-Dibromo-3-chloropropane | ND | 83000 | 74000 | 89 | | 70000 | 85 | | 68-130 | 5 | | 30 |
| Isopropylbenzene | 5200 | 83000 | 80000 | 90 | | 78000 | 88 | | 70-130 | 3 | | 30 |
| 1,2,3-Trichlorobenzene | ND | 83000 | 67000 | 80 | | 65000 | 79 | | 70-130 | 2 | | 30 |

# Matrix Spike Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002
**Lab Number:** L2459257
**Report Date:** 10/22/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01,06,11 QC Batch ID: WG1986218-6 WG1986218-7 QC Sample: L2459257-06 Client ID: NORTH SIDE @ 4'-B | | | | | | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 83000 | 68000 | 82 | | 66000 | 80 | | 70-130 | 2 | | 30 |
| Methyl Acetate | ND | 83000 | 82000 | 99 | | 82000 | 99 | | 51-146 | 0 | | 30 |
| Cyclohexane | ND | 83000 | 87000 | 105 | | 88000 | 106 | | 59-142 | 1 | | 30 |
| 1,4-Dioxane | ND | 4100000 | 4200000 | 103 | | 3500000 | 86 | | 65-136 | 18 | | 30 |
| Freon-113 | ND | 83000 | 87000 | 105 | | 88000 | 106 | | 50-139 | 1 | | 30 |
| Methyl cyclohexane | 560J | 83000 | 87000 | 104 | | 87000 | 105 | | 70-130 | 1 | | 30 |

| Surrogate | MS % Recovery | MS Qualifier | MSD % Recovery | MSD Qualifier | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 100 | | 99 | | 70-130 |
| 4-Bromofluorobenzene | 119 | | 114 | | 70-130 |
| Dibromofluoromethane | 98 | | 98 | | 70-130 |
| Toluene-d8 | 101 | | 102 | | 70-130 |

# SEMIVOLATILES

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

**SAMPLE RESULTS**

Lab ID: L2459257-01
Client ID: TRENCH BASE @ 6'
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 12:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/19/24 02:28
Analyst: EK
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 10/18/24 00:18

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 150 | 19. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 110 | 21. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 170 | 25. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 180 | 18. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 180 | 49. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 180 | 37. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 180 | 32. | 1 |
| Fluoranthene | ND | | ug/kg | 110 | 21. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 180 | 20. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 220 | 32. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 200 | 18. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 180 | 27. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 530 | 170 | 1 |
| Hexachloroethane | ND | | ug/kg | 150 | 30. | 1 |
| Isophorone | ND | | ug/kg | 170 | 24. | 1 |
| Naphthalene | 160 | J | ug/kg | 180 | 22. | 1 |
| Nitrobenzene | ND | | ug/kg | 170 | 27. | 1 |
| NDPA/DPA | ND | | ug/kg | 150 | 21. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 180 | 64. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 180 | 46. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 180 | 35. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 180 | 63. | 1 |
| Diethyl phthalate | ND | | ug/kg | 180 | 17. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 180 | 39. | 1 |
| Benzo(a)anthracene | ND | | ug/kg | 110 | 21. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 150 | 45. | 1 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-01 Date Collected: 10/09/24 12:30

Client ID: TRENCH BASE @ 6' Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | ND | | ug/kg | 110 | 31. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 110 | 30. | 1 |
| Chrysene | ND | | ug/kg | 110 | 19. | 1 |
| Acenaphthylene | ND | | ug/kg | 150 | 28. | 1 |
| Anthracene | ND | | ug/kg | 110 | 36. | 1 |
| Benzo(ghi)perylene | ND | | ug/kg | 150 | 22. | 1 |
| Fluorene | ND | | ug/kg | 180 | 18. | 1 |
| Phenanthrene | ND | | ug/kg | 110 | 22. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 110 | 21. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 150 | 26. | 1 |
| Pyrene | ND | | ug/kg | 110 | 18. | 1 |
| Biphenyl | ND | | ug/kg | 420 | 24. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 180 | 34. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 180 | 36. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 180 | 35. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 180 | 76. | 1 |
| Dibenzofuran | ND | | ug/kg | 180 | 17. | 1 |
| 2-Methylnaphthalene | 22 | J | ug/kg | 220 | 22. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 180 | 19. | 1 |
| Acetophenone | ND | | ug/kg | 180 | 23. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 110 | 35. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 180 | 28. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 180 | 22. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 170 | 30. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 180 | 61. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 400 | 69. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 260 | 75. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 890 | 86. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 480 | 89. | 1 |
| Pentachlorophenol | ND | | ug/kg | 150 | 41. | 1 |
| Phenol | ND | | ug/kg | 180 | 28. | 1 |
| 2-Methylphenol | ND | | ug/kg | 180 | 29. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 260 | 29. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 180 | 35. | 1 |
| Carbazole | ND | | ug/kg | 180 | 18. | 1 |
| Atrazine | ND | | ug/kg | 150 | 65. | 1 |
| Benzaldehyde | ND | | ug/kg | 240 | 50. | 1 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-01 Date Collected: 10/09/24 12:30

Client ID: TRENCH BASE @ 6' Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 180 | 56. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 180 | 37. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 85 | | 25-120 |
| Phenol-d6 | 88 | | 10-120 |
| Nitrobenzene-d5 | 93 | | 23-120 |
| 2-Fluorobiphenyl | 83 | | 30-120 |
| 2,4,6-Tribromophenol | 88 | | 10-136 |
| 4-Terphenyl-d14 | 66 | | 18-120 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-02
Client ID: TRENCH BASE DUP @ 6'
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 12:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/19/24 03:15
Analyst: EK
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 10/18/24 00:18

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 150 | 20. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 110 | 21. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 170 | 26. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 190 | 19. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 190 | 50. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 190 | 38. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 190 | 32. | 1 |
| Fluoranthene | ND | | ug/kg | 110 | 22. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 190 | 20. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 190 | 29. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 230 | 32. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 200 | 19. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 190 | 28. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 540 | 170 | 1 |
| Hexachloroethane | ND | | ug/kg | 150 | 30. | 1 |
| Isophorone | ND | | ug/kg | 170 | 24. | 1 |
| Naphthalene | 110 | J | ug/kg | 190 | 23. | 1 |
| Nitrobenzene | ND | | ug/kg | 170 | 28. | 1 |
| NDPA/DPA | ND | | ug/kg | 150 | 21. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 190 | 29. | 1 |
| Bis(2-ethylhexyl)phthalate | 720 | | ug/kg | 190 | 65. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 190 | 48. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 190 | 36. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 190 | 64. | 1 |
| Diethyl phthalate | ND | | ug/kg | 190 | 17. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 190 | 40. | 1 |
| Benzo(a)anthracene | ND | | ug/kg | 110 | 21. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 150 | 46. | 1 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

**SAMPLE RESULTS**

Lab ID: L2459257-02 Date Collected: 10/09/24 12:30

Client ID: TRENCH BASE DUP @ 6' Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | ND | | ug/kg | 110 | 32. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 110 | 30. | 1 |
| Chrysene | ND | | ug/kg | 110 | 20. | 1 |
| Acenaphthylene | ND | | ug/kg | 150 | 29. | 1 |
| Anthracene | ND | | ug/kg | 110 | 37. | 1 |
| Benzo(ghi)perylene | ND | | ug/kg | 150 | 22. | 1 |
| Fluorene | ND | | ug/kg | 190 | 18. | 1 |
| Phenanthrene | ND | | ug/kg | 110 | 23. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 110 | 22. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 150 | 26. | 1 |
| Pyrene | ND | | ug/kg | 110 | 19. | 1 |
| Biphenyl | ND | | ug/kg | 430 | 24. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 190 | 34. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 190 | 36. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 190 | 36. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 190 | 78. | 1 |
| Dibenzofuran | ND | | ug/kg | 190 | 18. | 1 |
| 2-Methylnaphthalene | 36 | J | ug/kg | 230 | 23. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 190 | 20. | 1 |
| Acetophenone | ND | | ug/kg | 190 | 23. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 110 | 36. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 190 | 28. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 190 | 22. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 170 | 30. | 1 |
| 2,4-Dimethylphenol | 75 | J | ug/kg | 190 | 62. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 410 | 71. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 260 | 77. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 900 | 88. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 490 | 90. | 1 |
| Pentachlorophenol | ND | | ug/kg | 150 | 42. | 1 |
| Phenol | ND | | ug/kg | 190 | 28. | 1 |
| 2-Methylphenol | 36 | J | ug/kg | 190 | 29. | 1 |
| 3-Methylphenol/4-Methylphenol | 70 | J | ug/kg | 270 | 30. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 190 | 36. | 1 |
| Carbazole | ND | | ug/kg | 190 | 18. | 1 |
| Atrazine | ND | | ug/kg | 150 | 66. | 1 |
| Benzaldehyde | ND | | ug/kg | 250 | 51. | 1 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-02 Date Collected: 10/09/24 12:30

Client ID: TRENCH BASE DUP @ 6' Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 190 | 57. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 190 | 38. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 77 | | 25-120 |
| Phenol-d6 | 80 | | 10-120 |
| Nitrobenzene-d5 | 86 | | 23-120 |
| 2-Fluorobiphenyl | 78 | | 30-120 |
| 2,4,6-Tribromophenol | 77 | | 10-136 |
| 4-Terphenyl-d14 | 71 | | 18-120 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-03
Client ID: SOUTH SIDE @ 4'-A
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 13:00
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/19/24 01:18
Analyst: EK
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 10/18/24 00:18

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 140 | 19. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 110 | 20. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 160 | 24. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 180 | 18. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 180 | 48. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 180 | 36. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 180 | 31. | 1 |
| Fluoranthene | ND | | ug/kg | 110 | 21. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 180 | 19. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 180 | 27. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 220 | 31. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 190 | 18. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 180 | 26. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 510 | 160 | 1 |
| Hexachloroethane | ND | | ug/kg | 140 | 29. | 1 |
| Isophorone | ND | | ug/kg | 160 | 23. | 1 |
| Naphthalene | ND | | ug/kg | 180 | 22. | 1 |
| Nitrobenzene | ND | | ug/kg | 160 | 27. | 1 |
| NDPA/DPA | ND | | ug/kg | 140 | 20. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-ethylhexyl)phthalate | 300 | | ug/kg | 180 | 62. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 180 | 45. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 180 | 34. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 180 | 61. | 1 |
| Diethyl phthalate | ND | | ug/kg | 180 | 17. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 180 | 38. | 1 |
| Benzo(a)anthracene | ND | | ug/kg | 110 | 20. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 140 | 44. | 1 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

**SAMPLE RESULTS**

Lab ID: L2459257-03 Date Collected: 10/09/24 13:00

Client ID: SOUTH SIDE @ 4'-A Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | ND | | ug/kg | 110 | 30. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 110 | 29. | 1 |
| Chrysene | ND | | ug/kg | 110 | 19. | 1 |
| Acenaphthylene | ND | | ug/kg | 140 | 28. | 1 |
| Anthracene | ND | | ug/kg | 110 | 35. | 1 |
| Benzo(ghi)perylene | ND | | ug/kg | 140 | 21. | 1 |
| Fluorene | ND | | ug/kg | 180 | 17. | 1 |
| Phenanthrene | ND | | ug/kg | 110 | 22. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 110 | 21. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 140 | 25. | 1 |
| Pyrene | ND | | ug/kg | 110 | 18. | 1 |
| Biphenyl | ND | | ug/kg | 410 | 23. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 180 | 33. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 180 | 35. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 180 | 34. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 180 | 74. | 1 |
| Dibenzofuran | ND | | ug/kg | 180 | 17. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 220 | 22. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 180 | 19. | 1 |
| Acetophenone | ND | | ug/kg | 180 | 22. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 110 | 34. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 180 | 27. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 180 | 21. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 160 | 29. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 180 | 59. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 390 | 68. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 250 | 73. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 860 | 84. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 470 | 86. | 1 |
| Pentachlorophenol | ND | | ug/kg | 140 | 40. | 1 |
| Phenol | ND | | ug/kg | 180 | 27. | 1 |
| 2-Methylphenol | ND | | ug/kg | 180 | 28. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 260 | 28. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 180 | 34. | 1 |
| Carbazole | ND | | ug/kg | 180 | 17. | 1 |
| Atrazine | ND | | ug/kg | 140 | 63. | 1 |
| Benzaldehyde | ND | | ug/kg | 240 | 48. | 1 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-03 Date Collected: 10/09/24 13:00

Client ID: SOUTH SIDE @ 4'-A Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 180 | 55. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 180 | 36. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 75 | | 25-120 |
| Phenol-d6 | 77 | | 10-120 |
| Nitrobenzene-d5 | 85 | | 23-120 |
| 2-Fluorobiphenyl | 74 | | 30-120 |
| 2,4,6-Tribromophenol | 72 | | 10-136 |
| 4-Terphenyl-d14 | 53 | | 18-120 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

**SAMPLE RESULTS**

Lab ID: L2459257-04
Client ID: NORTH SIDE @ 4'-A
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 13:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/19/24 05:35
Analyst: SMZ
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/18/24 00:18

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | 29 | J | ug/kg | 150 | 19. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 110 | 20. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 160 | 25. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 180 | 18. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 180 | 49. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 180 | 36. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 180 | 31. | 1 |
| Fluoranthene | 64 | J | ug/kg | 110 | 21. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 180 | 20. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 220 | 31. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 200 | 18. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 180 | 27. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 520 | 160 | 1 |
| Hexachloroethane | ND | | ug/kg | 150 | 30. | 1 |
| Isophorone | ND | | ug/kg | 160 | 24. | 1 |
| Naphthalene | 980 | | ug/kg | 180 | 22. | 1 |
| Nitrobenzene | ND | | ug/kg | 160 | 27. | 1 |
| NDPA/DPA | ND | | ug/kg | 150 | 21. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-ethylhexyl)phthalate | 7400 | E | ug/kg | 180 | 63. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 180 | 46. | 1 |
| Di-n-butylphthalate | 320 | | ug/kg | 180 | 35. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 180 | 62. | 1 |
| Diethyl phthalate | ND | | ug/kg | 180 | 17. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 180 | 38. | 1 |
| Benzo(a)anthracene | 24 | J | ug/kg | 110 | 20. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 150 | 45. | 1 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-04 Date Collected: 10/09/24 13:30

Client ID: NORTH SIDE @ 4'-A Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | ND | | ug/kg | 110 | 31. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 110 | 29. | 1 |
| Chrysene | 22 | J | ug/kg | 110 | 19. | 1 |
| Acenaphthylene | ND | | ug/kg | 150 | 28. | 1 |
| Anthracene | ND | | ug/kg | 110 | 36. | 1 |
| Benzo(ghi)perylene | ND | | ug/kg | 150 | 21. | 1 |
| Fluorene | 34 | J | ug/kg | 180 | 18. | 1 |
| Phenanthrene | 100 | J | ug/kg | 110 | 22. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 110 | 21. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 150 | 25. | 1 |
| Pyrene | 46 | J | ug/kg | 110 | 18. | 1 |
| Biphenyl | 33 | J | ug/kg | 420 | 24. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 180 | 33. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 180 | 35. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 180 | 34. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 180 | 76. | 1 |
| Dibenzofuran | 34 | J | ug/kg | 180 | 17. | 1 |
| 2-Methylnaphthalene | 330 | | ug/kg | 220 | 22. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 180 | 19. | 1 |
| Acetophenone | ND | | ug/kg | 180 | 23. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 110 | 35. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 180 | 27. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 180 | 22. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 160 | 29. | 1 |
| 2,4-Dimethylphenol | 130 | J | ug/kg | 180 | 60. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 390 | 69. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 260 | 74. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 880 | 85. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 480 | 88. | 1 |
| Pentachlorophenol | ND | | ug/kg | 150 | 40. | 1 |
| Phenol | ND | | ug/kg | 180 | 28. | 1 |
| 2-Methylphenol | ND | | ug/kg | 180 | 28. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 260 | 29. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 180 | 35. | 1 |
| Carbazole | ND | | ug/kg | 180 | 18. | 1 |
| Atrazine | ND | | ug/kg | 150 | 64. | 1 |
| Benzaldehyde | ND | | ug/kg | 240 | 49. | 1 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-04 Date Collected: 10/09/24 13:30

Client ID: NORTH SIDE @ 4'-A Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 180 | 56. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 180 | 37. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 85 | | 25-120 |
| Phenol-d6 | 86 | | 10-120 |
| Nitrobenzene-d5 | 106 | | 23-120 |
| 2-Fluorobiphenyl | 84 | | 30-120 |
| 2,4,6-Tribromophenol | 94 | | 10-136 |
| 4-Terphenyl-d14 | 74 | | 18-120 |

**Project Name:** BISONITE PAINT COMPANY
**Lab Number:** L2459257
**Project Number:** 100.002
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-04 D
Client ID: NORTH SIDE @ 4'-A
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 13:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/21/24 01:34
Analyst: SMZ
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/18/24 00:18

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Bis(2-ethylhexyl)phthalate | 7500 | | ug/kg | 910 | 320 | 5 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-05
Client ID: SOUTH SIDE @ 4'-B
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 14:00
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/19/24 05:58
Analyst: SMZ
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 10/18/24 00:18

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | 83 | J | ug/kg | 150 | 19. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 110 | 21. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 170 | 25. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 180 | 18. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 180 | 49. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 180 | 37. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 180 | 32. | 1 |
| Fluoranthene | 170 | | ug/kg | 110 | 21. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 180 | 20. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 220 | 32. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 200 | 18. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 180 | 27. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 530 | 170 | 1 |
| Hexachloroethane | ND | | ug/kg | 150 | 30. | 1 |
| Isophorone | ND | | ug/kg | 170 | 24. | 1 |
| Naphthalene | 4400 | | ug/kg | 180 | 22. | 1 |
| Nitrobenzene | ND | | ug/kg | 170 | 27. | 1 |
| NDPA/DPA | ND | | ug/kg | 150 | 21. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-ethylhexyl)phthalate | 33000 | E | ug/kg | 180 | 64. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 180 | 46. | 1 |
| Di-n-butylphthalate | 1100 | | ug/kg | 180 | 35. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 180 | 63. | 1 |
| Diethyl phthalate | ND | | ug/kg | 180 | 17. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 180 | 39. | 1 |
| Benzo(a)anthracene | 64 | J | ug/kg | 110 | 21. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 150 | 45. | 1 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-05 Date Collected: 10/09/24 14:00

Client ID: SOUTH SIDE @ 4'-B Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | 75 | J | ug/kg | 110 | 31. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 110 | 30. | 1 |
| Chrysene | 68 | J | ug/kg | 110 | 19. | 1 |
| Acenaphthylene | ND | | ug/kg | 150 | 28. | 1 |
| Anthracene | 44 | J | ug/kg | 110 | 36. | 1 |
| Benzo(ghi)perylene | 36 | J | ug/kg | 150 | 22. | 1 |
| Fluorene | 110 | J | ug/kg | 180 | 18. | 1 |
| Phenanthrene | 280 | | ug/kg | 110 | 22. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 110 | 21. | 1 |
| Indeno(1,2,3-cd)pyrene | 33 | J | ug/kg | 150 | 26. | 1 |
| Pyrene | 120 | | ug/kg | 110 | 18. | 1 |
| Biphenyl | 160 | J | ug/kg | 420 | 24. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 180 | 34. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 180 | 36. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 180 | 35. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 180 | 76. | 1 |
| Dibenzofuran | 96 | J | ug/kg | 180 | 17. | 1 |
| 2-Methylnaphthalene | 1600 | | ug/kg | 220 | 22. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 180 | 19. | 1 |
| Acetophenone | ND | | ug/kg | 180 | 23. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 110 | 35. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 180 | 28. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 180 | 22. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 170 | 30. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 180 | 61. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 400 | 69. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 260 | 75. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 890 | 86. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 480 | 89. | 1 |
| Pentachlorophenol | ND | | ug/kg | 150 | 41. | 1 |
| Phenol | ND | | ug/kg | 180 | 28. | 1 |
| 2-Methylphenol | ND | | ug/kg | 180 | 29. | 1 |
| 3-Methylphenol/4-Methylphenol | 550 | | ug/kg | 260 | 29. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 180 | 35. | 1 |
| Carbazole | 20 | J | ug/kg | 180 | 18. | 1 |
| Atrazine | ND | | ug/kg | 150 | 65. | 1 |
| Benzaldehyde | ND | | ug/kg | 240 | 50. | 1 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-05 Date Collected: 10/09/24 14:00

Client ID: SOUTH SIDE @ 4'-B Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 180 | 56. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 180 | 37. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 72 | | 25-120 |
| Phenol-d6 | 75 | | 10-120 |
| Nitrobenzene-d5 | 117 | | 23-120 |
| 2-Fluorobiphenyl | 77 | | 30-120 |
| 2,4,6-Tribromophenol | 81 | | 10-136 |
| 4-Terphenyl-d14 | 58 | | 18-120 |

**Project Name:** BISONITE PAINT COMPANY
**Lab Number:** L2459257
**Project Number:** 100.002
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-05 D
Client ID: SOUTH SIDE @ 4'-B
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 14:00
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/21/24 01:52
Analyst: SMZ
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 10/18/24 00:18

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Bis(2-ethylhexyl)phthalate | 44000 | | ug/kg | 1800 | 640 | 10 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-06
Client ID: NORTH SIDE @ 4'-B
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 14:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/19/24 05:12
Analyst: SMZ
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 10/18/24 00:18

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 140 | 18. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 110 | 20. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 160 | 24. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 180 | 18. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 180 | 47. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 180 | 36. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 180 | 30. | 1 |
| Fluoranthene | 42 | J | ug/kg | 110 | 20. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 180 | 19. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 180 | 27. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 210 | 30. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 190 | 18. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 180 | 26. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 510 | 160 | 1 |
| Hexachloroethane | ND | | ug/kg | 140 | 29. | 1 |
| Isophorone | ND | | ug/kg | 160 | 23. | 1 |
| Naphthalene | 290 | | ug/kg | 180 | 22. | 1 |
| Nitrobenzene | ND | | ug/kg | 160 | 26. | 1 |
| NDPA/DPA | ND | | ug/kg | 140 | 20. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 180 | 27. | 1 |
| Bis(2-ethylhexyl)phthalate | 8600 | E | ug/kg | 180 | 61. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 180 | 45. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 180 | 34. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 180 | 60. | 1 |
| Diethyl phthalate | ND | | ug/kg | 180 | 16. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 180 | 37. | 1 |
| Benzo(a)anthracene | ND | | ug/kg | 110 | 20. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 140 | 43. | 1 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

**SAMPLE RESULTS**

Lab ID: L2459257-06 Date Collected: 10/09/24 14:30
Client ID: NORTH SIDE @ 4'-B Date Received: 10/11/24
Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | ND | | ug/kg | 110 | 30. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 110 | 28. | 1 |
| Chrysene | ND | | ug/kg | 110 | 18. | 1 |
| Acenaphthylene | ND | | ug/kg | 140 | 27. | 1 |
| Anthracene | ND | | ug/kg | 110 | 35. | 1 |
| Benzo(ghi)perylene | ND | | ug/kg | 140 | 21. | 1 |
| Fluorene | 19 | J | ug/kg | 180 | 17. | 1 |
| Phenanthrene | 59 | J | ug/kg | 110 | 22. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 110 | 20. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 140 | 25. | 1 |
| Pyrene | 30 | J | ug/kg | 110 | 18. | 1 |
| Biphenyl | ND | | ug/kg | 400 | 23. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 180 | 32. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 180 | 34. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 180 | 34. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 180 | 74. | 1 |
| Dibenzofuran | 17 | J | ug/kg | 180 | 17. | 1 |
| 2-Methylnaphthalene | 140 | J | ug/kg | 210 | 21. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 180 | 18. | 1 |
| Acetophenone | ND | | ug/kg | 180 | 22. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 110 | 34. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 180 | 26. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 180 | 21. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 160 | 28. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 180 | 59. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 380 | 67. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 250 | 72. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 850 | 83. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 460 | 85. | 1 |
| Pentachlorophenol | ND | | ug/kg | 140 | 39. | 1 |
| Phenol | ND | | ug/kg | 180 | 27. | 1 |
| 2-Methylphenol | ND | | ug/kg | 180 | 28. | 1 |
| 3-Methylphenol/4-Methylphenol | 87 | J | ug/kg | 260 | 28. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 180 | 34. | 1 |
| Carbazole | ND | | ug/kg | 180 | 17. | 1 |
| Atrazine | ND | | ug/kg | 140 | 62. | 1 |
| Benzaldehyde | ND | | ug/kg | 230 | 48. | 1 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-06 Date Collected: 10/09/24 14:30

Client ID: NORTH SIDE @ 4'-B Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 180 | 54. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 180 | 36. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 76 | | 25-120 |
| Phenol-d6 | 79 | | 10-120 |
| Nitrobenzene-d5 | 86 | | 23-120 |
| 2-Fluorobiphenyl | 71 | | 30-120 |
| 2,4,6-Tribromophenol | 80 | | 10-136 |
| 4-Terphenyl-d14 | 54 | | 18-120 |

**Project Name:** BISONITE PAINT COMPANY
**Lab Number:** L2459257
**Project Number:** 100.002
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-06 D
Client ID: NORTH SIDE @ 4'-B
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 14:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/21/24 02:10
Analyst: SMZ
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 10/18/24 00:18

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Bis(2-ethylhexyl)phthalate | 9800 | | ug/kg | 890 | 310 | 5 |

**Project Name:** BISONITE PAINT COMPANY
**Lab Number:** L2459257
**Project Number:** 100.002
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-08
Client ID: RINSE BLANK
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 15:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/17/24 06:17
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 10/16/24 08:20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Bis(2-chloroethyl)ether | ND | | ug/l | 2.0 | 0.39 | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/l | 5.0 | 1.8 | 1 |
| 2,4-Dinitrotoluene | ND | | ug/l | 5.0 | 0.54 | 1 |
| 2,6-Dinitrotoluene | ND | | ug/l | 5.0 | 0.84 | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/l | 2.0 | 0.39 | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/l | 2.0 | 0.24 | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/l | 2.0 | 0.40 | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/l | 5.0 | 0.84 | 1 |
| Hexachlorocyclopentadiene | ND | | ug/l | 20 | 1.2 | 1 |
| Isophorone | ND | | ug/l | 5.0 | 0.86 | 1 |
| Nitrobenzene | ND | | ug/l | 2.0 | 0.20 | 1 |
| NDPA/DPA | ND | | ug/l | 2.0 | 0.92 | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/l | 5.0 | 0.91 | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/l | 3.0 | 1.4 | 1 |
| Butyl benzyl phthalate | ND | | ug/l | 5.0 | 2.6 | 1 |
| Di-n-butylphthalate | ND | | ug/l | 5.0 | 0.96 | 1 |
| Di-n-octylphthalate | ND | | ug/l | 5.0 | 2.3 | 1 |
| Diethyl phthalate | ND | | ug/l | 5.0 | 0.76 | 1 |
| Dimethyl phthalate | ND | | ug/l | 5.0 | 0.92 | 1 |
| Biphenyl | ND | | ug/l | 2.0 | 0.20 | 1 |
| 4-Chloroaniline | ND | | ug/l | 5.0 | 0.47 | 1 |
| 2-Nitroaniline | ND | | ug/l | 5.0 | 1.0 | 1 |
| 3-Nitroaniline | ND | | ug/l | 5.0 | 1.2 | 1 |
| 4-Nitroaniline | ND | | ug/l | 5.0 | 1.4 | 1 |
| Dibenzofuran | ND | | ug/l | 2.0 | 0.40 | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/l | 10 | 0.24 | 1 |
| Acetophenone | ND | | ug/l | 5.0 | 0.92 | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/l | 5.0 | 2.1 | 1 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-08 Date Collected: 10/09/24 15:30

Client ID: RINSE BLANK Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| p-Chloro-m-cresol | ND | | ug/l | 2.0 | 0.61 | 1 |
| 2-Chlorophenol | ND | | ug/l | 2.0 | 0.65 | 1 |
| 2,4-Dichlorophenol | ND | | ug/l | 5.0 | 1.7 | 1 |
| 2,4-Dimethylphenol | ND | | ug/l | 5.0 | 2.0 | 1 |
| 2-Nitrophenol | ND | | ug/l | 10 | 2.0 | 1 |
| 4-Nitrophenol | ND | | ug/l | 10 | 1.4 | 1 |
| 2,4-Dinitrophenol | ND | | ug/l | 20 | 5.4 | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/l | 10 | 2.3 | 1 |
| Phenol | 25. | | ug/l | 5.0 | 0.35 | 1 |
| 2-Methylphenol | ND | | ug/l | 5.0 | 2.3 | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/l | 5.0 | 1.4 | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/l | 5.0 | 2.1 | 1 |
| Carbazole | ND | | ug/l | 2.0 | 0.31 | 1 |
| Atrazine | ND | | ug/l | 10 | 1.0 | 1 |
| Benzaldehyde | ND | | ug/l | 5.0 | 1.1 | 1 |
| Caprolactam | ND | | ug/l | 10 | 1.2 | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/l | 5.0 | 2.2 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 46 | | 21-120 |
| Phenol-d6 | 32 | | 10-120 |
| Nitrobenzene-d5 | 67 | | 23-120 |
| 2-Fluorobiphenyl | 63 | | 15-120 |
| 2,4,6-Tribromophenol | 45 | | 10-120 |
| 4-Terphenyl-d14 | 65 | | 41-149 |

**Project Name:** BISONITE PAINT COMPANY
**Lab Number:** L2459257
**Project Number:** 100.002
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-08
Client ID: RINSE BLANK
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 15:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/17/24 13:26
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 10/16/24 08:20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS-SIM - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/l | 0.10 | 0.02 | 1 |
| 2-Chloronaphthalene | ND | | ug/l | 0.20 | 0.02 | 1 |
| Fluoranthene | ND | | ug/l | 0.10 | 0.03 | 1 |
| Hexachlorobutadiene | ND | | ug/l | 0.50 | 0.02 | 1 |
| Naphthalene | 0.17 | B | ug/l | 0.10 | 0.02 | 1 |
| Benzo(a)anthracene | ND | | ug/l | 0.10 | 0.03 | 1 |
| Benzo(a)pyrene | ND | | ug/l | 0.10 | 0.02 | 1 |
| Benzo(b)fluoranthene | ND | | ug/l | 0.10 | 0.03 | 1 |
| Benzo(k)fluoranthene | ND | | ug/l | 0.10 | 0.03 | 1 |
| Chrysene | ND | | ug/l | 0.10 | 0.03 | 1 |
| Acenaphthylene | ND | | ug/l | 0.10 | 0.02 | 1 |
| Anthracene | ND | | ug/l | 0.10 | 0.02 | 1 |
| Benzo(ghi)perylene | ND | | ug/l | 0.10 | 0.02 | 1 |
| Fluorene | ND | | ug/l | 0.10 | 0.03 | 1 |
| Phenanthrene | ND | | ug/l | 0.10 | 0.04 | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/l | 0.10 | 0.02 | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/l | 0.10 | 0.02 | 1 |
| Pyrene | ND | | ug/l | 0.10 | 0.04 | 1 |
| 2-Methylnaphthalene | ND | | ug/l | 0.10 | 0.03 | 1 |
| Pentachlorophenol | ND | | ug/l | 0.80 | 0.06 | 1 |
| Hexachlorobenzene | 0.02 | J | ug/l | 0.80 | 0.01 | 1 |
| Hexachloroethane | ND | | ug/l | 0.80 | 0.02 | 1 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

**SAMPLE RESULTS**

Lab ID: L2459257-08 Date Collected: 10/09/24 15:30

Client ID: RINSE BLANK Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 61 | | 21-120 |
| Phenol-d6 | 43 | | 10-120 |
| Nitrobenzene-d5 | 94 | | 23-120 |
| 2-Fluorobiphenyl | 86 | | 15-120 |
| 2,4,6-Tribromophenol | **132** | Q | 10-120 |
| 4-Terphenyl-d14 | 106 | | 41-149 |

**Project Name:** BISONITE PAINT COMPANY
**Lab Number:** L2459257
**Project Number:** 100.002
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-08 RE
Client ID: RINSE BLANK
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 15:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/18/24 16:20
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 10/18/24 10:10

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS-SIM - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/l | 0.10 | 0.02 | 1 |
| 2-Chloronaphthalene | ND | | ug/l | 0.20 | 0.02 | 1 |
| Fluoranthene | 0.06 | J | ug/l | 0.10 | 0.03 | 1 |
| Hexachlorobutadiene | ND | | ug/l | 0.50 | 0.02 | 1 |
| Naphthalene | 0.14 | | ug/l | 0.10 | 0.02 | 1 |
| Benzo(a)anthracene | 0.03 | J | ug/l | 0.10 | 0.03 | 1 |
| Benzo(a)pyrene | 0.03 | J | ug/l | 0.10 | 0.02 | 1 |
| Benzo(b)fluoranthene | 0.04 | J | ug/l | 0.10 | 0.03 | 1 |
| Benzo(k)fluoranthene | ND | | ug/l | 0.10 | 0.03 | 1 |
| Chrysene | ND | | ug/l | 0.10 | 0.03 | 1 |
| Acenaphthylene | ND | | ug/l | 0.10 | 0.02 | 1 |
| Anthracene | ND | | ug/l | 0.10 | 0.02 | 1 |
| Benzo(ghi)perylene | 0.03 | J | ug/l | 0.10 | 0.02 | 1 |
| Fluorene | ND | | ug/l | 0.10 | 0.03 | 1 |
| Phenanthrene | 0.04 | J | ug/l | 0.10 | 0.04 | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/l | 0.10 | 0.02 | 1 |
| Indeno(1,2,3-cd)pyrene | 0.03 | J | ug/l | 0.10 | 0.02 | 1 |
| Pyrene | 0.05 | J | ug/l | 0.10 | 0.04 | 1 |
| 2-Methylnaphthalene | 0.04 | J | ug/l | 0.10 | 0.03 | 1 |
| Pentachlorophenol | ND | | ug/l | 0.80 | 0.06 | 1 |
| Hexachlorobenzene | 0.03 | J | ug/l | 0.80 | 0.01 | 1 |
| Hexachloroethane | ND | | ug/l | 0.80 | 0.02 | 1 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

**SAMPLE RESULTS**

Lab ID: L2459257-08 RE
Client ID: RINSE BLANK
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 15:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 59 | | 21-120 |
| Phenol-d6 | 41 | | 10-120 |
| Nitrobenzene-d5 | 89 | | 23-120 |
| 2-Fluorobiphenyl | 78 | | 15-120 |
| 2,4,6-Tribromophenol | 112 | | 10-120 |
| 4-Terphenyl-d14 | 90 | | 41-149 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-09
Client ID: SOUTH SIDE @ 3'-C
Sample Location: 2266 MILITARY RD.

Date Collected: 10/10/24 12:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/19/24 02:52
Analyst: EK
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/18/24 00:18

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 150 | 19. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 110 | 21. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 160 | 25. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 180 | 18. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 180 | 49. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 180 | 37. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 180 | 32. | 1 |
| Fluoranthene | ND | | ug/kg | 110 | 21. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 180 | 20. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 220 | 31. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 200 | 18. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 180 | 27. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 530 | 170 | 1 |
| Hexachloroethane | ND | | ug/kg | 150 | 30. | 1 |
| Isophorone | ND | | ug/kg | 160 | 24. | 1 |
| Naphthalene | 29 | J | ug/kg | 180 | 22. | 1 |
| Nitrobenzene | ND | | ug/kg | 160 | 27. | 1 |
| NDPA/DPA | ND | | ug/kg | 150 | 21. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 180 | 64. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 180 | 46. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 180 | 35. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 180 | 63. | 1 |
| Diethyl phthalate | ND | | ug/kg | 180 | 17. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 180 | 39. | 1 |
| Benzo(a)anthracene | ND | | ug/kg | 110 | 21. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 150 | 45. | 1 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-09 Date Collected: 10/10/24 12:30

Client ID: SOUTH SIDE @ 3'-C Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | ND | | ug/kg | 110 | 31. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 110 | 29. | 1 |
| Chrysene | ND | | ug/kg | 110 | 19. | 1 |
| Acenaphthylene | ND | | ug/kg | 150 | 28. | 1 |
| Anthracene | ND | | ug/kg | 110 | 36. | 1 |
| Benzo(ghi)perylene | ND | | ug/kg | 150 | 22. | 1 |
| Fluorene | ND | | ug/kg | 180 | 18. | 1 |
| Phenanthrene | ND | | ug/kg | 110 | 22. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 110 | 21. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 150 | 26. | 1 |
| Pyrene | ND | | ug/kg | 110 | 18. | 1 |
| Biphenyl | ND | | ug/kg | 420 | 24. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 180 | 34. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 180 | 36. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 180 | 35. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 180 | 76. | 1 |
| Dibenzofuran | ND | | ug/kg | 180 | 17. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 220 | 22. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 180 | 19. | 1 |
| Acetophenone | ND | | ug/kg | 180 | 23. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 110 | 35. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 180 | 27. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 180 | 22. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 160 | 30. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 180 | 61. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 400 | 69. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 260 | 75. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 880 | 86. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 480 | 88. | 1 |
| Pentachlorophenol | ND | | ug/kg | 150 | 40. | 1 |
| Phenol | ND | | ug/kg | 180 | 28. | 1 |
| 2-Methylphenol | ND | | ug/kg | 180 | 28. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 260 | 29. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 180 | 35. | 1 |
| Carbazole | ND | | ug/kg | 180 | 18. | 1 |
| Atrazine | ND | | ug/kg | 150 | 64. | 1 |
| Benzaldehyde | ND | | ug/kg | 240 | 50. | 1 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-09 Date Collected: 10/10/24 12:30

Client ID: SOUTH SIDE @ 3'-C Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 180 | 56. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 180 | 37. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 65 | | 25-120 |
| Phenol-d6 | 67 | | 10-120 |
| Nitrobenzene-d5 | 71 | | 23-120 |
| 2-Fluorobiphenyl | 65 | | 30-120 |
| 2,4,6-Tribromophenol | 68 | | 10-136 |
| 4-Terphenyl-d14 | 54 | | 18-120 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

**SAMPLE RESULTS**

Lab ID: L2459257-10
Client ID: NORTH SIDE @ 3'-C
Sample Location: 2266 MILITARY RD.

Date Collected: 10/10/24 13:00
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/19/24 04:02
Analyst: EK
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/18/24 00:18

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 150 | 19. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 110 | 21. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 170 | 25. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 180 | 18. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 180 | 49. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 180 | 37. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 180 | 32. | 1 |
| Fluoranthene | 25 | J | ug/kg | 110 | 21. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 180 | 20. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 220 | 32. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 200 | 19. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 180 | 27. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 530 | 170 | 1 |
| Hexachloroethane | ND | | ug/kg | 150 | 30. | 1 |
| Isophorone | ND | | ug/kg | 170 | 24. | 1 |
| Naphthalene | 62 | J | ug/kg | 180 | 23. | 1 |
| Nitrobenzene | ND | | ug/kg | 170 | 27. | 1 |
| NDPA/DPA | ND | | ug/kg | 150 | 21. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 180 | 29. | 1 |
| Bis(2-ethylhexyl)phthalate | 860 | | ug/kg | 180 | 64. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 180 | 47. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 180 | 35. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 180 | 63. | 1 |
| Diethyl phthalate | ND | | ug/kg | 180 | 17. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 180 | 39. | 1 |
| Benzo(a)anthracene | ND | | ug/kg | 110 | 21. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 150 | 45. | 1 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-10 Date Collected: 10/10/24 13:00

Client ID: NORTH SIDE @ 3'-C Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | ND | | ug/kg | 110 | 31. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 110 | 30. | 1 |
| Chrysene | ND | | ug/kg | 110 | 19. | 1 |
| Acenaphthylene | ND | | ug/kg | 150 | 29. | 1 |
| Anthracene | ND | | ug/kg | 110 | 36. | 1 |
| Benzo(ghi)perylene | ND | | ug/kg | 150 | 22. | 1 |
| Fluorene | ND | | ug/kg | 180 | 18. | 1 |
| Phenanthrene | ND | | ug/kg | 110 | 22. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 110 | 21. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 150 | 26. | 1 |
| Pyrene | 19 | J | ug/kg | 110 | 18. | 1 |
| Biphenyl | ND | | ug/kg | 420 | 24. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 180 | 34. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 180 | 36. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 180 | 35. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 180 | 77. | 1 |
| Dibenzofuran | ND | | ug/kg | 180 | 18. | 1 |
| 2-Methylnaphthalene | 24 | J | ug/kg | 220 | 22. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 180 | 19. | 1 |
| Acetophenone | ND | | ug/kg | 180 | 23. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 110 | 35. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 180 | 28. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 180 | 22. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 170 | 30. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 180 | 61. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 400 | 70. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 260 | 76. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 890 | 86. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 480 | 89. | 1 |
| Pentachlorophenol | ND | | ug/kg | 150 | 41. | 1 |
| Phenol | ND | | ug/kg | 180 | 28. | 1 |
| 2-Methylphenol | ND | | ug/kg | 180 | 29. | 1 |
| 3-Methylphenol/4-Methylphenol | 32 | J | ug/kg | 270 | 29. | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 180 | 36. | 1 |
| Carbazole | ND | | ug/kg | 180 | 18. | 1 |
| Atrazine | ND | | ug/kg | 150 | 65. | 1 |
| Benzaldehyde | ND | | ug/kg | 240 | 50. | 1 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-10 Date Collected: 10/10/24 13:00

Client ID: NORTH SIDE @ 3'-C Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 180 | 56. | 1 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 180 | 38. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 71 | | 25-120 |
| Phenol-d6 | 73 | | 10-120 |
| Nitrobenzene-d5 | 79 | | 23-120 |
| 2-Fluorobiphenyl | 70 | | 30-120 |
| 2,4,6-Tribromophenol | 74 | | 10-136 |
| 4-Terphenyl-d14 | 60 | | 18-120 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

**SAMPLE RESULTS**

Lab ID: L2459257-11 D
Client ID: EAST WALL @ 3'
Sample Location: 2266 MILITARY RD.

Date Collected: 10/10/24 13:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/22/24 11:19
Analyst: LJG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/21/24 07:44

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | 1100 | J | ug/kg | 1500 | 190 | 10 |
| Hexachlorobenzene | ND | | ug/kg | 1100 | 200 | 10 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 1600 | 250 | 10 |
| 2-Chloronaphthalene | ND | | ug/kg | 1800 | 180 | 10 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 1800 | 490 | 10 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 1800 | 360 | 10 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 1800 | 310 | 10 |
| Fluoranthene | 2500 | | ug/kg | 1100 | 210 | 10 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 1800 | 200 | 10 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 1800 | 280 | 10 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 2200 | 310 | 10 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 2000 | 180 | 10 |
| Hexachlorobutadiene | ND | | ug/kg | 1800 | 270 | 10 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 5200 | 1600 | 10 |
| Hexachloroethane | ND | | ug/kg | 1500 | 300 | 10 |
| Isophorone | ND | | ug/kg | 1600 | 240 | 10 |
| Naphthalene | 14000 | | ug/kg | 1800 | 220 | 10 |
| Nitrobenzene | ND | | ug/kg | 1600 | 270 | 10 |
| NDPA/DPA | ND | | ug/kg | 1500 | 210 | 10 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 1800 | 280 | 10 |
| Bis(2-ethylhexyl)phthalate | 47000 | | ug/kg | 1800 | 630 | 10 |
| Butyl benzyl phthalate | ND | | ug/kg | 1800 | 460 | 10 |
| Di-n-butylphthalate | 5000 | | ug/kg | 1800 | 350 | 10 |
| Di-n-octylphthalate | ND | | ug/kg | 1800 | 620 | 10 |
| Diethyl phthalate | ND | | ug/kg | 1800 | 170 | 10 |
| Dimethyl phthalate | ND | | ug/kg | 1800 | 380 | 10 |
| Benzo(a)anthracene | 820 | J | ug/kg | 1100 | 200 | 10 |
| Benzo(a)pyrene | 510 | J | ug/kg | 1500 | 450 | 10 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

**SAMPLE RESULTS**

Lab ID: L2459257-11 D Date Collected: 10/10/24 13:30
Client ID: EAST WALL @ 3' Date Received: 10/11/24
Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzo(b)fluoranthene | 940 | J | ug/kg | 1100 | 310 | 10 |
| Benzo(k)fluoranthene | ND | | ug/kg | 1100 | 290 | 10 |
| Chrysene | 850 | J | ug/kg | 1100 | 190 | 10 |
| Acenaphthylene | ND | | ug/kg | 1500 | 280 | 10 |
| Anthracene | 690 | J | ug/kg | 1100 | 360 | 10 |
| Benzo(ghi)perylene | 330 | J | ug/kg | 1500 | 220 | 10 |
| Fluorene | 1300 | J | ug/kg | 1800 | 180 | 10 |
| Phenanthrene | 3900 | | ug/kg | 1100 | 220 | 10 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 1100 | 210 | 10 |
| Indeno(1,2,3-cd)pyrene | 340 | J | ug/kg | 1500 | 250 | 10 |
| Pyrene | 1700 | | ug/kg | 1100 | 180 | 10 |
| Biphenyl | 600 | J | ug/kg | 4200 | 240 | 10 |
| 4-Chloroaniline | ND | | ug/kg | 1800 | 330 | 10 |
| 2-Nitroaniline | ND | | ug/kg | 1800 | 350 | 10 |
| 3-Nitroaniline | ND | | ug/kg | 1800 | 340 | 10 |
| 4-Nitroaniline | ND | | ug/kg | 1800 | 760 | 10 |
| Dibenzofuran | 1200 | J | ug/kg | 1800 | 170 | 10 |
| 2-Methylnaphthalene | 6000 | | ug/kg | 2200 | 220 | 10 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 1800 | 190 | 10 |
| Acetophenone | ND | | ug/kg | 1800 | 230 | 10 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 1100 | 350 | 10 |
| p-Chloro-m-cresol | ND | | ug/kg | 1800 | 270 | 10 |
| 2-Chlorophenol | ND | | ug/kg | 1800 | 220 | 10 |
| 2,4-Dichlorophenol | ND | | ug/kg | 1600 | 290 | 10 |
| 2,4-Dimethylphenol | 1700 | J | ug/kg | 1800 | 600 | 10 |
| 2-Nitrophenol | ND | | ug/kg | 4000 | 690 | 10 |
| 4-Nitrophenol | ND | | ug/kg | 2600 | 750 | 10 |
| 2,4-Dinitrophenol | ND | | ug/kg | 8800 | 850 | 10 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 4800 | 880 | 10 |
| Pentachlorophenol | ND | | ug/kg | 1500 | 400 | 10 |
| Phenol | ND | | ug/kg | 1800 | 280 | 10 |
| 2-Methylphenol | 350 | J | ug/kg | 1800 | 280 | 10 |
| 3-Methylphenol/4-Methylphenol | 5000 | | ug/kg | 2600 | 290 | 10 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 1800 | 350 | 10 |
| Carbazole | 370 | J | ug/kg | 1800 | 180 | 10 |
| Atrazine | ND | | ug/kg | 1500 | 640 | 10 |
| Benzaldehyde | ND | | ug/kg | 2400 | 490 | 10 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-11 D
Client ID: EAST WALL @ 3'
Sample Location: 2266 MILITARY RD.

Date Collected: 10/10/24 13:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Caprolactam | ND | | ug/kg | 1800 | 560 | 10 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 1800 | 370 | 10 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 60 | | 25-120 |
| Phenol-d6 | 71 | | 10-120 |
| Nitrobenzene-d5 | **278** | Q | 23-120 |
| 2-Fluorobiphenyl | 50 | | 30-120 |
| 2,4,6-Tribromophenol | 55 | | 10-136 |
| 4-Terphenyl-d14 | 56 | | 18-120 |

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002
**Lab Number:** L2459257
**Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/17/24 02:21
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 10/16/24 08:20

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG1985076-1 | | | | | |
| Bis(2-chloroethyl)ether | ND | | ug/l | 2.0 | 0.39 |
| 3,3'-Dichlorobenzidine | ND | | ug/l | 5.0 | 1.8 |
| 2,4-Dinitrotoluene | ND | | ug/l | 5.0 | 0.54 |
| 2,6-Dinitrotoluene | ND | | ug/l | 5.0 | 0.84 |
| 4-Chlorophenyl phenyl ether | ND | | ug/l | 2.0 | 0.39 |
| 4-Bromophenyl phenyl ether | ND | | ug/l | 2.0 | 0.24 |
| Bis(2-chloroisopropyl)ether | ND | | ug/l | 2.0 | 0.40 |
| Bis(2-chloroethoxy)methane | ND | | ug/l | 5.0 | 0.84 |
| Hexachlorocyclopentadiene | ND | | ug/l | 20 | 1.2 |
| Isophorone | ND | | ug/l | 5.0 | 0.86 |
| Nitrobenzene | ND | | ug/l | 2.0 | 0.20 |
| NDPA/DPA | ND | | ug/l | 2.0 | 0.92 |
| n-Nitrosodi-n-propylamine | ND | | ug/l | 5.0 | 0.91 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/l | 3.0 | 1.4 |
| Butyl benzyl phthalate | ND | | ug/l | 5.0 | 2.6 |
| Di-n-butylphthalate | 2.2 | J | ug/l | 5.0 | 0.96 |
| Di-n-octylphthalate | ND | | ug/l | 5.0 | 2.3 |
| Diethyl phthalate | ND | | ug/l | 5.0 | 0.76 |
| Dimethyl phthalate | ND | | ug/l | 5.0 | 0.92 |
| Biphenyl | ND | | ug/l | 2.0 | 0.20 |
| 4-Chloroaniline | ND | | ug/l | 5.0 | 0.47 |
| 2-Nitroaniline | ND | | ug/l | 5.0 | 1.0 |
| 3-Nitroaniline | ND | | ug/l | 5.0 | 1.2 |
| 4-Nitroaniline | ND | | ug/l | 5.0 | 1.4 |
| Dibenzofuran | ND | | ug/l | 2.0 | 0.40 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/l | 10 | 0.24 |
| Acetophenone | ND | | ug/l | 5.0 | 0.92 |
| 2,4,6-Trichlorophenol | ND | | ug/l | 5.0 | 2.1 |
| p-Chloro-m-cresol | ND | | ug/l | 2.0 | 0.61 |

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002
**Lab Number:** L2459257
**Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/17/24 02:21
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 10/16/24 08:20

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG1985076-1 | | | | | |
| 2-Chlorophenol | ND | | ug/l | 2.0 | 0.65 |
| 2,4-Dichlorophenol | ND | | ug/l | 5.0 | 1.7 |
| 2,4-Dimethylphenol | ND | | ug/l | 5.0 | 2.0 |
| 2-Nitrophenol | ND | | ug/l | 10 | 2.0 |
| 4-Nitrophenol | ND | | ug/l | 10 | 1.4 |
| 2,4-Dinitrophenol | ND | | ug/l | 20 | 5.4 |
| 4,6-Dinitro-o-cresol | ND | | ug/l | 10 | 2.3 |
| Phenol | ND | | ug/l | 5.0 | 0.35 |
| 2-Methylphenol | ND | | ug/l | 5.0 | 2.3 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/l | 5.0 | 1.4 |
| 2,4,5-Trichlorophenol | ND | | ug/l | 5.0 | 2.1 |
| Carbazole | ND | | ug/l | 2.0 | 0.31 |
| Atrazine | ND | | ug/l | 10 | 1.0 |
| Benzaldehyde | ND | | ug/l | 5.0 | 1.1 |
| Caprolactam | ND | | ug/l | 10 | 1.2 |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/l | 5.0 | 2.2 |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 38 | | 21-120 |
| Phenol-d6 | 27 | | 10-120 |
| Nitrobenzene-d5 | 62 | | 23-120 |
| 2-Fluorobiphenyl | 59 | | 15-120 |
| 2,4,6-Tribromophenol | 52 | | 10-120 |
| 4-Terphenyl-d14 | 70 | | 41-149 |

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002
**Lab Number:** L2459257
**Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/17/24 08:01
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/16/24 08:20

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 08 Batch: WG1985077-1 | | | | | |
| Acenaphthene | ND | | ug/l | 0.10 | 0.02 |
| 2-Chloronaphthalene | ND | | ug/l | 0.20 | 0.02 |
| Fluoranthene | ND | | ug/l | 0.10 | 0.03 |
| Hexachlorobutadiene | ND | | ug/l | 0.50 | 0.02 |
| Naphthalene | 0.13 | | ug/l | 0.10 | 0.02 |
| Benzo(a)anthracene | ND | | ug/l | 0.10 | 0.03 |
| Benzo(a)pyrene | ND | | ug/l | 0.10 | 0.02 |
| Benzo(b)fluoranthene | ND | | ug/l | 0.10 | 0.03 |
| Benzo(k)fluoranthene | ND | | ug/l | 0.10 | 0.03 |
| Chrysene | ND | | ug/l | 0.10 | 0.03 |
| Acenaphthylene | ND | | ug/l | 0.10 | 0.02 |
| Anthracene | ND | | ug/l | 0.10 | 0.02 |
| Benzo(ghi)perylene | ND | | ug/l | 0.10 | 0.02 |
| Fluorene | ND | | ug/l | 0.10 | 0.03 |
| Phenanthrene | ND | | ug/l | 0.10 | 0.04 |
| Dibenzo(a,h)anthracene | ND | | ug/l | 0.10 | 0.02 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/l | 0.10 | 0.02 |
| Pyrene | ND | | ug/l | 0.10 | 0.04 |
| 2-Methylnaphthalene | ND | | ug/l | 0.10 | 0.03 |
| Pentachlorophenol | ND | | ug/l | 0.80 | 0.06 |
| Hexachlorobenzene | ND | | ug/l | 0.80 | 0.01 |
| Hexachloroethane | ND | | ug/l | 0.80 | 0.02 |

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002
**Lab Number:** L2459257
**Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/17/24 08:01
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/16/24 08:20

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 08 Batch: WG1985077-1 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 53 | | 21-120 |
| Phenol-d6 | 39 | | 10-120 |
| Nitrobenzene-d5 | 93 | | 23-120 |
| 2-Fluorobiphenyl | 79 | | 15-120 |
| 2,4,6-Tribromophenol | 81 | | 10-120 |
| 4-Terphenyl-d14 | 107 | | 41-149 |

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002
**Lab Number:** L2459257
**Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/18/24 13:06
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 10/17/24 18:04

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 08 Batch: WG1985765-1 | | | | | |
| Acenaphthene | ND | | ug/l | 0.10 | 0.02 |
| 2-Chloronaphthalene | ND | | ug/l | 0.20 | 0.02 |
| Fluoranthene | ND | | ug/l | 0.10 | 0.03 |
| Hexachlorobutadiene | ND | | ug/l | 0.50 | 0.02 |
| Naphthalene | ND | | ug/l | 0.10 | 0.02 |
| Benzo(a)anthracene | ND | | ug/l | 0.10 | 0.03 |
| Benzo(a)pyrene | ND | | ug/l | 0.10 | 0.02 |
| Benzo(b)fluoranthene | ND | | ug/l | 0.10 | 0.03 |
| Benzo(k)fluoranthene | ND | | ug/l | 0.10 | 0.03 |
| Chrysene | ND | | ug/l | 0.10 | 0.03 |
| Acenaphthylene | ND | | ug/l | 0.10 | 0.02 |
| Anthracene | ND | | ug/l | 0.10 | 0.02 |
| Benzo(ghi)perylene | ND | | ug/l | 0.10 | 0.02 |
| Fluorene | ND | | ug/l | 0.10 | 0.03 |
| Phenanthrene | ND | | ug/l | 0.10 | 0.04 |
| Dibenzo(a,h)anthracene | ND | | ug/l | 0.10 | 0.02 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/l | 0.10 | 0.02 |
| Pyrene | ND | | ug/l | 0.10 | 0.04 |
| 2-Methylnaphthalene | ND | | ug/l | 0.10 | 0.03 |
| Pentachlorophenol | ND | | ug/l | 0.80 | 0.06 |
| Hexachlorobenzene | ND | | ug/l | 0.80 | 0.01 |
| Hexachloroethane | ND | | ug/l | 0.80 | 0.02 |

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002
**Lab Number:** L2459257
**Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/18/24 13:06
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 10/17/24 18:04

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 08 Batch: WG1985765-1 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 57 | | 21-120 |
| Phenol-d6 | 40 | | 10-120 |
| Nitrobenzene-d5 | 91 | | 23-120 |
| 2-Fluorobiphenyl | 80 | | 15-120 |
| 2,4,6-Tribromophenol | 116 | | 10-120 |
| 4-Terphenyl-d14 | 89 | | 41-149 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/19/24 00:09
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 10/18/24 00:18

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06,09-10 Batch: WG1985876-1 | | | | | |
| Acenaphthene | ND | | ug/kg | 130 | 17. |
| Hexachlorobenzene | ND | | ug/kg | 99 | 18. |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 150 | 22. |
| 2-Chloronaphthalene | ND | | ug/kg | 160 | 16. |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 160 | 44. |
| 2,4-Dinitrotoluene | ND | | ug/kg | 160 | 33. |
| 2,6-Dinitrotoluene | ND | | ug/kg | 160 | 28. |
| Fluoranthene | ND | | ug/kg | 99 | 19. |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 160 | 18. |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 160 | 25. |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 200 | 28. |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 180 | 16. |
| Hexachlorobutadiene | ND | | ug/kg | 160 | 24. |
| Hexachlorocyclopentadiene | ND | | ug/kg | 470 | 150 |
| Hexachloroethane | ND | | ug/kg | 130 | 27. |
| Isophorone | ND | | ug/kg | 150 | 21. |
| Naphthalene | ND | | ug/kg | 160 | 20. |
| Nitrobenzene | ND | | ug/kg | 150 | 24. |
| NDPA/DPA | ND | | ug/kg | 130 | 19. |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 160 | 25. |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 160 | 57. |
| Butyl benzyl phthalate | ND | | ug/kg | 160 | 41. |
| Di-n-butylphthalate | ND | | ug/kg | 160 | 31. |
| Di-n-octylphthalate | ND | | ug/kg | 160 | 56. |
| Diethyl phthalate | ND | | ug/kg | 160 | 15. |
| Dimethyl phthalate | ND | | ug/kg | 160 | 34. |
| Benzo(a)anthracene | ND | | ug/kg | 99 | 18. |
| Benzo(a)pyrene | ND | | ug/kg | 130 | 40. |
| Benzo(b)fluoranthene | ND | | ug/kg | 99 | 28. |

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002
**Lab Number:** L2459257
**Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/19/24 00:09
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 10/18/24 00:18

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06,09-10 Batch: WG1985876-1 | | | | | |
| Benzo(k)fluoranthene | ND | | ug/kg | 99 | 26. |
| Chrysene | ND | | ug/kg | 99 | 17. |
| Acenaphthylene | ND | | ug/kg | 130 | 25. |
| Anthracene | ND | | ug/kg | 99 | 32. |
| Benzo(ghi)perylene | ND | | ug/kg | 130 | 19. |
| Fluorene | ND | | ug/kg | 160 | 16. |
| Phenanthrene | ND | | ug/kg | 99 | 20. |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 99 | 19. |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 130 | 23. |
| Pyrene | ND | | ug/kg | 99 | 16. |
| Biphenyl | ND | | ug/kg | 370 | 21. |
| 4-Chloroaniline | ND | | ug/kg | 160 | 30. |
| 2-Nitroaniline | ND | | ug/kg | 160 | 32. |
| 3-Nitroaniline | ND | | ug/kg | 160 | 31. |
| 4-Nitroaniline | ND | | ug/kg | 160 | 68. |
| Dibenzofuran | ND | | ug/kg | 160 | 16. |
| 2-Methylnaphthalene | ND | | ug/kg | 200 | 20. |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 160 | 17. |
| Acetophenone | ND | | ug/kg | 160 | 20. |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 99 | 31. |
| p-Chloro-m-cresol | ND | | ug/kg | 160 | 24. |
| 2-Chlorophenol | ND | | ug/kg | 160 | 19. |
| 2,4-Dichlorophenol | ND | | ug/kg | 150 | 26. |
| 2,4-Dimethylphenol | ND | | ug/kg | 160 | 54. |
| 2-Nitrophenol | ND | | ug/kg | 360 | 62. |
| 4-Nitrophenol | ND | | ug/kg | 230 | 67. |
| 2,4-Dinitrophenol | ND | | ug/kg | 790 | 77. |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 430 | 79. |
| Pentachlorophenol | ND | | ug/kg | 130 | 36. |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/19/24 00:09
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 10/18/24 00:18

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06,09-10 Batch: WG1985876-1 | | | | | |
| Phenol | ND | | ug/kg | 160 | 25. |
| 2-Methylphenol | ND | | ug/kg | 160 | 25. |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 240 | 26. |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 160 | 32. |
| Carbazole | ND | | ug/kg | 160 | 16. |
| Atrazine | ND | | ug/kg | 130 | 58. |
| Benzaldehyde | ND | | ug/kg | 220 | 44. |
| Caprolactam | ND | | ug/kg | 160 | 50. |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 160 | 33. |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 55 | | 25-120 |
| Phenol-d6 | 54 | | 10-120 |
| Nitrobenzene-d5 | 58 | | 23-120 |
| 2-Fluorobiphenyl | 54 | | 30-120 |
| 2,4,6-Tribromophenol | 49 | | 10-136 |
| 4-Terphenyl-d14 | 53 | | 18-120 |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/21/24 10:10
Analyst: HNY

Extraction Method: EPA 3546
Extraction Date: 10/20/24 09:00

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11 Batch: WG1986629-1 | | | | | |
| Acenaphthene | ND | | ug/kg | 130 | 17. |
| Hexachlorobenzene | ND | | ug/kg | 99 | 18. |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 150 | 22. |
| 2-Chloronaphthalene | ND | | ug/kg | 160 | 16. |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 160 | 44. |
| 2,4-Dinitrotoluene | ND | | ug/kg | 160 | 33. |
| 2,6-Dinitrotoluene | ND | | ug/kg | 160 | 28. |
| Fluoranthene | ND | | ug/kg | 99 | 19. |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 160 | 18. |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 160 | 25. |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 200 | 28. |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 180 | 16. |
| Hexachlorobutadiene | ND | | ug/kg | 160 | 24. |
| Hexachlorocyclopentadiene | ND | | ug/kg | 470 | 150 |
| Hexachloroethane | ND | | ug/kg | 130 | 27. |
| Isophorone | ND | | ug/kg | 150 | 21. |
| Naphthalene | ND | | ug/kg | 160 | 20. |
| Nitrobenzene | ND | | ug/kg | 150 | 24. |
| NDPA/DPA | ND | | ug/kg | 130 | 19. |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 160 | 25. |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 160 | 57. |
| Butyl benzyl phthalate | ND | | ug/kg | 160 | 42. |
| Di-n-butylphthalate | ND | | ug/kg | 160 | 31. |
| Di-n-octylphthalate | ND | | ug/kg | 160 | 56. |
| Diethyl phthalate | ND | | ug/kg | 160 | 15. |
| Dimethyl phthalate | ND | | ug/kg | 160 | 35. |
| Benzo(a)anthracene | ND | | ug/kg | 99 | 18. |
| Benzo(a)pyrene | ND | | ug/kg | 130 | 40. |
| Benzo(b)fluoranthene | ND | | ug/kg | 99 | 28. |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/21/24 10:10
Analyst: HNY

Extraction Method: EPA 3546
Extraction Date: 10/20/24 09:00

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11 Batch: WG1986629-1 | | | | | |
| Benzo(k)fluoranthene | ND | | ug/kg | 99 | 26. |
| Chrysene | ND | | ug/kg | 99 | 17. |
| Acenaphthylene | ND | | ug/kg | 130 | 25. |
| Anthracene | ND | | ug/kg | 99 | 32. |
| Benzo(ghi)perylene | ND | | ug/kg | 130 | 19. |
| Fluorene | ND | | ug/kg | 160 | 16. |
| Phenanthrene | ND | | ug/kg | 99 | 20. |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 99 | 19. |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 130 | 23. |
| Pyrene | ND | | ug/kg | 99 | 16. |
| Biphenyl | ND | | ug/kg | 380 | 21. |
| 4-Chloroaniline | ND | | ug/kg | 160 | 30. |
| 2-Nitroaniline | ND | | ug/kg | 160 | 32. |
| 3-Nitroaniline | ND | | ug/kg | 160 | 31. |
| 4-Nitroaniline | ND | | ug/kg | 160 | 68. |
| Dibenzofuran | ND | | ug/kg | 160 | 16. |
| 2-Methylnaphthalene | ND | | ug/kg | 200 | 20. |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 160 | 17. |
| Acetophenone | ND | | ug/kg | 160 | 20. |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 99 | 31. |
| p-Chloro-m-cresol | ND | | ug/kg | 160 | 24. |
| 2-Chlorophenol | ND | | ug/kg | 160 | 20. |
| 2,4-Dichlorophenol | ND | | ug/kg | 150 | 26. |
| 2,4-Dimethylphenol | ND | | ug/kg | 160 | 54. |
| 2-Nitrophenol | ND | | ug/kg | 360 | 62. |
| 4-Nitrophenol | ND | | ug/kg | 230 | 67. |
| 2,4-Dinitrophenol | ND | | ug/kg | 790 | 77. |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 430 | 79. |
| Pentachlorophenol | ND | | ug/kg | 130 | 36. |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/21/24 10:10
Analyst: HNY

Extraction Method: EPA 3546
Extraction Date: 10/20/24 09:00

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11 Batch: WG1986629-1 | | | | | |
| Phenol | ND | | ug/kg | 160 | 25. |
| 2-Methylphenol | ND | | ug/kg | 160 | 26. |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 240 | 26. |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 160 | 32. |
| Carbazole | ND | | ug/kg | 160 | 16. |
| Atrazine | ND | | ug/kg | 130 | 58. |
| Benzaldehyde | ND | | ug/kg | 220 | 44. |
| Caprolactam | ND | | ug/kg | 160 | 50. |
| 2,3,4,6-Tetrachlorophenol | ND | | ug/kg | 160 | 33. |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 72 | | 25-120 |
| Phenol-d6 | 70 | | 10-120 |
| Nitrobenzene-d5 | 70 | | 23-120 |
| 2-Fluorobiphenyl | 73 | | 30-120 |
| 2,4,6-Tribromophenol | 71 | | 10-136 |
| 4-Terphenyl-d14 | 76 | | 18-120 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG1985076-2 WG1985076-3 | | | | | | | | |
| Bis(2-chloroethyl)ether | 65 | | 67 | | 40-140 | 3 | | 30 |
| 3,3'-Dichlorobenzidine | 66 | | 63 | | 40-140 | 5 | | 30 |
| 2,4-Dinitrotoluene | 67 | | 69 | | 48-143 | 3 | | 30 |
| 2,6-Dinitrotoluene | 67 | | 66 | | 40-140 | 2 | | 30 |
| 4-Chlorophenyl phenyl ether | 68 | | 70 | | 40-140 | 3 | | 30 |
| 4-Bromophenyl phenyl ether | 68 | | 68 | | 40-140 | 0 | | 30 |
| Bis(2-chloroisopropyl)ether | 63 | | 65 | | 40-140 | 3 | | 30 |
| Bis(2-chloroethoxy)methane | 67 | | 69 | | 40-140 | 3 | | 30 |
| Hexachlorocyclopentadiene | **37** | Q | **35** | Q | 40-140 | 6 | | 30 |
| Isophorone | 62 | | 64 | | 40-140 | 3 | | 30 |
| Nitrobenzene | 62 | | 67 | | 40-140 | 8 | | 30 |
| NDPA/DPA | 69 | | 71 | | 40-140 | 3 | | 30 |
| n-Nitrosodi-n-propylamine | 64 | | 66 | | 29-132 | 3 | | 30 |
| Bis(2-ethylhexyl)phthalate | 75 | | 64 | | 40-140 | 16 | | 30 |
| Butyl benzyl phthalate | 65 | | 62 | | 40-140 | 5 | | 30 |
| Di-n-butylphthalate | 86 | | 82 | | 40-140 | 5 | | 30 |
| Di-n-octylphthalate | 67 | | 60 | | 40-140 | 11 | | 30 |
| Diethyl phthalate | 73 | | 70 | | 40-140 | 4 | | 30 |
| Dimethyl phthalate | 68 | | 66 | | 40-140 | 3 | | 30 |
| Biphenyl | 63 | | 66 | | 40-140 | 5 | | 30 |
| 4-Chloroaniline | 59 | | 51 | | 40-140 | 15 | | 30 |
| 2-Nitroaniline | 65 | | 63 | | 52-143 | 3 | | 30 |
| 3-Nitroaniline | 74 | | 71 | | 25-145 | 4 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG1985076-2 WG1985076-3 | | | | | | | | |
| 4-Nitroaniline | 76 | | 76 | | 51-143 | 0 | | 30 |
| Dibenzofuran | 66 | | 72 | | 40-140 | 9 | | 30 |
| 1,2,4,5-Tetrachlorobenzene | 58 | | 59 | | 2-134 | 2 | | 30 |
| Acetophenone | 69 | | 72 | | 39-129 | 4 | | 30 |
| 2,4,6-Trichlorophenol | 57 | | 60 | | 30-130 | 5 | | 30 |
| p-Chloro-m-cresol | 64 | | 66 | | 23-97 | 3 | | 30 |
| 2-Chlorophenol | 60 | | 64 | | 27-123 | 6 | | 30 |
| 2,4-Dichlorophenol | 60 | | 64 | | 30-130 | 6 | | 30 |
| 2,4-Dimethylphenol | 36 | | 41 | | 30-130 | 13 | | 30 |
| 2-Nitrophenol | 60 | | 65 | | 30-130 | 8 | | 30 |
| 4-Nitrophenol | 42 | | 50 | | 10-80 | 17 | | 30 |
| 2,4-Dinitrophenol | 82 | | 89 | | 20-130 | 8 | | 30 |
| 4,6-Dinitro-o-cresol | 62 | | 70 | | 20-164 | 12 | | 30 |
| Phenol | 35 | | 36 | | 12-110 | 3 | | 30 |
| 2-Methylphenol | 54 | | 58 | | 30-130 | 7 | | 30 |
| 3-Methylphenol/4-Methylphenol | 54 | | 58 | | 30-130 | 7 | | 30 |
| 2,4,5-Trichlorophenol | 66 | | 65 | | 30-130 | 2 | | 30 |
| Carbazole | 70 | | 74 | | 55-144 | 6 | | 30 |
| Atrazine | 71 | | 68 | | 40-140 | 4 | | 30 |
| Benzaldehyde | 68 | | 72 | | 40-140 | 6 | | 30 |
| Caprolactam | 24 | | 24 | | 10-130 | 0 | | 30 |
| 2,3,4,6-Tetrachlorophenol | 71 | | 75 | | 40-140 | 5 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG1985076-2 WG1985076-3 | | | | | | | | |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 2-Fluorophenol | 41 | | 43 | | 21-120 |
| Phenol-d6 | 30 | | 31 | | 10-120 |
| Nitrobenzene-d5 | 61 | | 65 | | 23-120 |
| 2-Fluorobiphenyl | 59 | | 60 | | 15-120 |
| 2,4,6-Tribromophenol | 62 | | 65 | | 10-120 |
| 4-Terphenyl-d14 | 75 | | 67 | | 41-149 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002

**Lab Number:** L2459257
**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 08 Batch: WG1985077-2 WG1985077-3 | | | | | | | | |
| Acenaphthene | 83 | | 84 | | 40-140 | 1 | | 40 |
| 2-Chloronaphthalene | 74 | | 76 | | 40-140 | 3 | | 40 |
| Fluoranthene | 101 | | 101 | | 40-140 | 0 | | 40 |
| Hexachlorobutadiene | 54 | | 58 | | 40-140 | 7 | | 40 |
| Naphthalene | 68 | | 71 | | 40-140 | 4 | | 40 |
| Benzo(a)anthracene | 104 | | 103 | | 40-140 | 1 | | 40 |
| Benzo(a)pyrene | 110 | | 109 | | 40-140 | 1 | | 40 |
| Benzo(b)fluoranthene | 112 | | 108 | | 40-140 | 4 | | 40 |
| Benzo(k)fluoranthene | 104 | | 106 | | 40-140 | 2 | | 40 |
| Chrysene | 102 | | 101 | | 40-140 | 1 | | 40 |
| Acenaphthylene | 82 | | 85 | | 40-140 | 4 | | 40 |
| Anthracene | 98 | | 98 | | 40-140 | 0 | | 40 |
| Benzo(ghi)perylene | 103 | | 99 | | 40-140 | 4 | | 40 |
| Fluorene | 89 | | 91 | | 40-140 | 2 | | 40 |
| Phenanthrene | 94 | | 94 | | 40-140 | 0 | | 40 |
| Dibenzo(a,h)anthracene | 111 | | 107 | | 40-140 | 4 | | 40 |
| Indeno(1,2,3-cd)pyrene | 112 | | 108 | | 40-140 | 4 | | 40 |
| Pyrene | 99 | | 99 | | 40-140 | 0 | | 40 |
| 2-Methylnaphthalene | 76 | | 78 | | 40-140 | 3 | | 40 |
| Pentachlorophenol | 98 | | 102 | | 40-140 | 4 | | 40 |
| Hexachlorobenzene | 88 | | 88 | | 40-140 | 0 | | 40 |
| Hexachloroethane | 58 | | 64 | | 40-140 | 10 | | 40 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 08 Batch: WG1985077-2 WG1985077-3

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 2-Fluorophenol | 59 | | 57 | | 21-120 |
| Phenol-d6 | 44 | | 43 | | 10-120 |
| Nitrobenzene-d5 | 89 | | 88 | | 23-120 |
| 2-Fluorobiphenyl | 72 | | 74 | | 15-120 |
| 2,4,6-Tribromophenol | 89 | | 89 | | 10-120 |
| 4-Terphenyl-d14 | 109 | | 101 | | 41-149 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002

**Lab Number:** L2459257
**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 08 Batch: WG1985765-2 WG1985765-3 | | | | | | | | |
| Acenaphthene | 81 | | 78 | | 40-140 | 4 | | 40 |
| 2-Chloronaphthalene | 77 | | 72 | | 40-140 | 7 | | 40 |
| Fluoranthene | 92 | | 92 | | 40-140 | 0 | | 40 |
| Hexachlorobutadiene | 64 | | 59 | | 40-140 | 8 | | 40 |
| Naphthalene | 72 | | 69 | | 40-140 | 4 | | 40 |
| Benzo(a)anthracene | 100 | | 98 | | 40-140 | 2 | | 40 |
| Benzo(a)pyrene | 112 | | 110 | | 40-140 | 2 | | 40 |
| Benzo(b)fluoranthene | 110 | | 110 | | 40-140 | 0 | | 40 |
| Benzo(k)fluoranthene | 104 | | 99 | | 40-140 | 5 | | 40 |
| Chrysene | 102 | | 100 | | 40-140 | 2 | | 40 |
| Acenaphthylene | 88 | | 83 | | 40-140 | 6 | | 40 |
| Anthracene | 95 | | 92 | | 40-140 | 3 | | 40 |
| Benzo(ghi)perylene | 105 | | 104 | | 40-140 | 1 | | 40 |
| Fluorene | 88 | | 85 | | 40-140 | 3 | | 40 |
| Phenanthrene | 88 | | 87 | | 40-140 | 1 | | 40 |
| Dibenzo(a,h)anthracene | 111 | | 110 | | 40-140 | 1 | | 40 |
| Indeno(1,2,3-cd)pyrene | 112 | | 112 | | 40-140 | 0 | | 40 |
| Pyrene | 91 | | 91 | | 40-140 | 0 | | 40 |
| 2-Methylnaphthalene | 77 | | 72 | | 40-140 | 7 | | 40 |
| Pentachlorophenol | 73 | | 104 | | 40-140 | 35 | | 40 |
| Hexachlorobenzene | 94 | | 90 | | 40-140 | 4 | | 40 |
| Hexachloroethane | 66 | | 63 | | 40-140 | 5 | | 40 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 08 Batch: WG1985765-2 WG1985765-3 | | | | | | | | |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 2-Fluorophenol | 37 | | 58 | | 21-120 |
| Phenol-d6 | 37 | | 41 | | 10-120 |
| Nitrobenzene-d5 | 91 | | 89 | | 23-120 |
| 2-Fluorobiphenyl | 77 | | 75 | | 15-120 |
| 2,4,6-Tribromophenol | 84 | | **121** | Q | 10-120 |
| 4-Terphenyl-d14 | 85 | | 85 | | 41-149 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,09-10 Batch: WG1985876-2 WG1985876-3 | | | | | | | | |
| Acenaphthene | 84 | | 76 | | 31-137 | 10 | | 50 |
| Hexachlorobenzene | 84 | | 77 | | 40-140 | 9 | | 50 |
| Bis(2-chloroethyl)ether | 83 | | 77 | | 40-140 | 8 | | 50 |
| 2-Chloronaphthalene | 89 | | 81 | | 40-140 | 9 | | 50 |
| 3,3'-Dichlorobenzidine | 77 | | 71 | | 40-140 | 8 | | 50 |
| 2,4-Dinitrotoluene | 104 | | 94 | | 40-132 | 10 | | 50 |
| 2,6-Dinitrotoluene | 98 | | 89 | | 40-140 | 10 | | 50 |
| Fluoranthene | 85 | | 80 | | 40-140 | 6 | | 50 |
| 4-Chlorophenyl phenyl ether | 88 | | 81 | | 40-140 | 8 | | 50 |
| 4-Bromophenyl phenyl ether | 87 | | 79 | | 40-140 | 10 | | 50 |
| Bis(2-chloroisopropyl)ether | 80 | | 74 | | 40-140 | 8 | | 50 |
| Bis(2-chloroethoxy)methane | 83 | | 79 | | 40-117 | 5 | | 50 |
| Hexachlorobutadiene | 86 | | 81 | | 40-140 | 6 | | 50 |
| Hexachlorocyclopentadiene | 63 | | 60 | | 40-140 | 5 | | 50 |
| Hexachloroethane | 85 | | 79 | | 40-140 | 7 | | 50 |
| Isophorone | 88 | | 83 | | 40-140 | 6 | | 50 |
| Naphthalene | 83 | | 77 | | 40-140 | 8 | | 50 |
| Nitrobenzene | 94 | | 88 | | 40-140 | 7 | | 50 |
| NDPA/DPA | 90 | | 82 | | 36-157 | 9 | | 50 |
| n-Nitrosodi-n-propylamine | 89 | | 83 | | 32-121 | 7 | | 50 |
| Bis(2-ethylhexyl)phthalate | 104 | | 98 | | 40-140 | 6 | | 50 |
| Butyl benzyl phthalate | 97 | | 90 | | 40-140 | 7 | | 50 |
| Di-n-butylphthalate | 93 | | 88 | | 40-140 | 6 | | 50 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,09-10 Batch: WG1985876-2 WG1985876-3 | | | | | | | | |
| Di-n-octylphthalate | 106 | | 100 | | 40-140 | 6 | | 50 |
| Diethyl phthalate | 94 | | 87 | | 40-140 | 8 | | 50 |
| Dimethyl phthalate | 90 | | 84 | | 40-140 | 7 | | 50 |
| Benzo(a)anthracene | 86 | | 82 | | 40-140 | 5 | | 50 |
| Benzo(a)pyrene | 89 | | 81 | | 40-140 | 9 | | 50 |
| Benzo(b)fluoranthene | 86 | | 79 | | 40-140 | 8 | | 50 |
| Benzo(k)fluoranthene | 86 | | 80 | | 40-140 | 7 | | 50 |
| Chrysene | 88 | | 81 | | 40-140 | 8 | | 50 |
| Acenaphthylene | 92 | | 84 | | 40-140 | 9 | | 50 |
| Anthracene | 87 | | 81 | | 40-140 | 7 | | 50 |
| Benzo(ghi)perylene | 83 | | 77 | | 40-140 | 8 | | 50 |
| Fluorene | 88 | | 80 | | 40-140 | 10 | | 50 |
| Phenanthrene | 85 | | 79 | | 40-140 | 7 | | 50 |
| Dibenzo(a,h)anthracene | 81 | | 76 | | 40-140 | 6 | | 50 |
| Indeno(1,2,3-cd)pyrene | 81 | | 75 | | 40-140 | 8 | | 50 |
| Pyrene | 85 | | 78 | | 35-142 | 9 | | 50 |
| Biphenyl | 89 | | 83 | | 37-127 | 7 | | 50 |
| 4-Chloroaniline | 69 | | 66 | | 40-140 | 4 | | 50 |
| 2-Nitroaniline | 100 | | 92 | | 47-134 | 8 | | 50 |
| 3-Nitroaniline | 80 | | 70 | | 26-129 | 13 | | 50 |
| 4-Nitroaniline | 89 | | 82 | | 41-125 | 8 | | 50 |
| Dibenzofuran | 87 | | 81 | | 40-140 | 7 | | 50 |
| 2-Methylnaphthalene | 84 | | 78 | | 40-140 | 7 | | 50 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,09-10 Batch: WG1985876-2 WG1985876-3 | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | 91 | | 84 | | 40-117 | 8 | | 50 |
| Acetophenone | 94 | | 87 | | 14-144 | 8 | | 50 |
| 2,4,6-Trichlorophenol | 96 | | 92 | | 30-130 | 4 | | 50 |
| p-Chloro-m-cresol | 95 | | 87 | | 26-103 | 9 | | 50 |
| 2-Chlorophenol | 84 | | 79 | | 25-102 | 6 | | 50 |
| 2,4-Dichlorophenol | 93 | | 85 | | 30-130 | 9 | | 50 |
| 2,4-Dimethylphenol | 82 | | 77 | | 30-130 | 6 | | 50 |
| 2-Nitrophenol | 98 | | 90 | | 30-130 | 9 | | 50 |
| 4-Nitrophenol | **122** | Q | 110 | | 11-114 | 10 | | 50 |
| 2,4-Dinitrophenol | 102 | | 97 | | 4-130 | 5 | | 50 |
| 4,6-Dinitro-o-cresol | 110 | | 101 | | 10-130 | 9 | | 50 |
| Pentachlorophenol | 88 | | 82 | | 17-109 | 7 | | 50 |
| Phenol | 80 | | 76 | | 26-90 | 5 | | 50 |
| 2-Methylphenol | 89 | | 83 | | 30-130. | 7 | | 50 |
| 3-Methylphenol/4-Methylphenol | 94 | | 87 | | 30-130 | 8 | | 50 |
| 2,4,5-Trichlorophenol | 95 | | 90 | | 30-130 | 5 | | 50 |
| Carbazole | 85 | | 78 | | 54-128 | 9 | | 50 |
| Atrazine | 83 | | 79 | | 40-140 | 5 | | 50 |
| Benzaldehyde | 88 | | 75 | | 40-140 | 16 | | 50 |
| Caprolactam | 91 | | 86 | | 15-130 | 6 | | 50 |
| 2,3,4,6-Tetrachlorophenol | 96 | | 91 | | 40-140 | 5 | | 50 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,09-10 Batch: WG1985876-2 WG1985876-3 | | | | | | | | |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 2-Fluorophenol | 83 | | 78 | | 25-120 |
| Phenol-d6 | 83 | | 78 | | 10-120 |
| Nitrobenzene-d5 | 89 | | 84 | | 23-120 |
| 2-Fluorobiphenyl | 84 | | 80 | | 30-120 |
| 2,4,6-Tribromophenol | 83 | | 77 | | 10-136 |
| 4-Terphenyl-d14 | 76 | | 72 | | 18-120 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11 Batch: WG1986629-2 WG1986629-3 | | | | | | | | |
| Acenaphthene | 58 | | 51 | | 31-137 | 13 | | 50 |
| Hexachlorobenzene | 58 | | 53 | | 40-140 | 9 | | 50 |
| Bis(2-chloroethyl)ether | 60 | | 52 | | 40-140 | 14 | | 50 |
| 2-Chloronaphthalene | 56 | | 49 | | 40-140 | 13 | | 50 |
| 3,3'-Dichlorobenzidine | 57 | | **2** | Q | 40-140 | **188** | Q | 50 |
| 2,4-Dinitrotoluene | 65 | | 57 | | 40-132 | 13 | | 50 |
| 2,6-Dinitrotoluene | 62 | | 54 | | 40-140 | 14 | | 50 |
| Fluoranthene | 61 | | 53 | | 40-140 | 14 | | 50 |
| 4-Chlorophenyl phenyl ether | 58 | | 51 | | 40-140 | 13 | | 50 |
| 4-Bromophenyl phenyl ether | 59 | | 52 | | 40-140 | 13 | | 50 |
| Bis(2-chloroisopropyl)ether | 63 | | 56 | | 40-140 | 12 | | 50 |
| Bis(2-chloroethoxy)methane | 63 | | 55 | | 40-117 | 14 | | 50 |
| Hexachlorobutadiene | 48 | | 43 | | 40-140 | 11 | | 50 |
| Hexachlorocyclopentadiene | 46 | | 42 | | 40-140 | 9 | | 50 |
| Hexachloroethane | 56 | | 49 | | 40-140 | 13 | | 50 |
| Isophorone | 58 | | 49 | | 40-140 | 17 | | 50 |
| Naphthalene | 55 | | 48 | | 40-140 | 14 | | 50 |
| Nitrobenzene | 57 | | 51 | | 40-140 | 11 | | 50 |
| NDPA/DPA | 59 | | 47 | | 36-157 | 23 | | 50 |
| n-Nitrosodi-n-propylamine | 59 | | 52 | | 32-121 | 13 | | 50 |
| Bis(2-ethylhexyl)phthalate | 70 | | 61 | | 40-140 | 14 | | 50 |
| Butyl benzyl phthalate | 71 | | 62 | | 40-140 | 14 | | 50 |
| Di-n-butylphthalate | 68 | | 60 | | 40-140 | 13 | | 50 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11 Batch: WG1986629-2 WG1986629-3 | | | | | | | | |
| Di-n-octylphthalate | 71 | | 62 | | 40-140 | 14 | | 50 |
| Diethyl phthalate | 62 | | 55 | | 40-140 | 12 | | 50 |
| Dimethyl phthalate | 57 | | 50 | | 40-140 | 13 | | 50 |
| Benzo(a)anthracene | 60 | | 52 | | 40-140 | 14 | | 50 |
| Benzo(a)pyrene | 64 | | 54 | | 40-140 | 17 | | 50 |
| Benzo(b)fluoranthene | 63 | | 54 | | 40-140 | 15 | | 50 |
| Benzo(k)fluoranthene | 62 | | 54 | | 40-140 | 14 | | 50 |
| Chrysene | 60 | | 53 | | 40-140 | 12 | | 50 |
| Acenaphthylene | 60 | | 52 | | 40-140 | 14 | | 50 |
| Anthracene | 61 | | 52 | | 40-140 | 16 | | 50 |
| Benzo(ghi)perylene | 61 | | 57 | | 40-140 | 7 | | 50 |
| Fluorene | 60 | | 52 | | 40-140 | 14 | | 50 |
| Phenanthrene | 59 | | 52 | | 40-140 | 13 | | 50 |
| Dibenzo(a,h)anthracene | 60 | | 56 | | 40-140 | 7 | | 50 |
| Indeno(1,2,3-cd)pyrene | 61 | | 56 | | 40-140 | 9 | | 50 |
| Pyrene | 60 | | 52 | | 35-142 | 14 | | 50 |
| Biphenyl | 57 | | 50 | | 37-127 | 13 | | 50 |
| 4-Chloroaniline | **35** | Q | **18** | Q | 40-140 | **64** | Q | 50 |
| 2-Nitroaniline | 68 | | 59 | | 47-134 | 14 | | 50 |
| 3-Nitroaniline | 59 | | **19** | Q | 26-129 | **103** | Q | 50 |
| 4-Nitroaniline | 69 | | 49 | | 41-125 | 34 | | 50 |
| Dibenzofuran | 58 | | 52 | | 40-140 | 11 | | 50 |
| 2-Methylnaphthalene | 56 | | 50 | | 40-140 | 11 | | 50 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002

**Lab Number:** L2459257
**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11 Batch: WG1986629-2 WG1986629-3 | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | 56 | | 48 | | 40-117 | 15 | | 50 |
| Acetophenone | 63 | | 55 | | 14-144 | 14 | | 50 |
| 2,4,6-Trichlorophenol | 56 | | 49 | | 30-130 | 13 | | 50 |
| p-Chloro-m-cresol | 61 | | 54 | | 26-103 | 12 | | 50 |
| 2-Chlorophenol | 62 | | 55 | | 25-102 | 12 | | 50 |
| 2,4-Dichlorophenol | 61 | | 54 | | 30-130 | 12 | | 50 |
| 2,4-Dimethylphenol | 51 | | 46 | | 30-130 | 10 | | 50 |
| 2-Nitrophenol | 63 | | 56 | | 30-130 | 12 | | 50 |
| 4-Nitrophenol | 69 | | 66 | | 11-114 | 4 | | 50 |
| 2,4-Dinitrophenol | 30 | | 30 | | 4-130 | 0 | | 50 |
| 4,6-Dinitro-o-cresol | 56 | | 50 | | 10-130 | 11 | | 50 |
| Pentachlorophenol | 53 | | 50 | | 17-109 | 6 | | 50 |
| Phenol | 59 | | 53 | | 26-90 | 11 | | 50 |
| 2-Methylphenol | 63 | | 57 | | 30-130. | 10 | | 50 |
| 3-Methylphenol/4-Methylphenol | 64 | | 56 | | 30-130 | 13 | | 50 |
| 2,4,5-Trichlorophenol | 60 | | 53 | | 30-130 | 12 | | 50 |
| Carbazole | 63 | | **51** | Q | 54-128 | 21 | | 50 |
| Atrazine | 60 | | 42 | | 40-140 | 35 | | 50 |
| Benzaldehyde | 62 | | 46 | | 40-140 | 30 | | 50 |
| Caprolactam | 74 | | 63 | | 15-130 | 16 | | 50 |
| 2,3,4,6-Tetrachlorophenol | 62 | | 56 | | 40-140 | 10 | | 50 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11 Batch: WG1986629-2 WG1986629-3 | | | | | | | | |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 2-Fluorophenol | 62 | | 55 | | 25-120 |
| Phenol-d6 | 62 | | 55 | | 10-120 |
| Nitrobenzene-d5 | 57 | | 51 | | 23-120 |
| 2-Fluorobiphenyl | 53 | | 46 | | 30-120 |
| 2,4,6-Tribromophenol | 61 | | 55 | | 10-136 |
| 4-Terphenyl-d14 | 62 | | 53 | | 18-120 |

# Matrix Spike Analysis

## *Batch Quality Control*

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002
**Lab Number:** L2459257
**Report Date:** 10/22/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,09-10 QC Batch ID: WG1985876-4 WG1985876-5 QC Sample: L2459257-06 Client ID: NORTH SIDE @ 4'-B | | | | | | | | | | | | |
| Acenaphthene | ND | 1400 | 920 | 66 | | 920 | 65 | | 31-137 | 0 | | 50 |
| Hexachlorobenzene | ND | 1400 | 910 | 65 | | 890 | 63 | | 40-140 | 2 | | 50 |
| Bis(2-chloroethyl)ether | ND | 1400 | 960 | 69 | | 990 | 70 | | 40-140 | 3 | | 50 |
| 2-Chloronaphthalene | ND | 1400 | 1000 | 72 | | 1000 | 71 | | 40-140 | 0 | | 50 |
| 3,3'-Dichlorobenzidine | ND | 1400 | 870 | 62 | | 880 | 63 | | 40-140 | 1 | | 50 |
| 2,4-Dinitrotoluene | ND | 1400 | 1200 | 86 | | 1200 | 85 | | 40-132 | 0 | | 50 |
| 2,6-Dinitrotoluene | ND | 1400 | 1200 | 86 | | 1200 | 85 | | 40-140 | 0 | | 50 |
| Fluoranthene | 42J | 1400 | 990 | 71 | | 1000 | 71 | | 40-140 | 1 | | 50 |
| 4-Chlorophenyl phenyl ether | ND | 1400 | 940 | 67 | | 930 | 66 | | 40-140 | 1 | | 50 |
| 4-Bromophenyl phenyl ether | ND | 1400 | 950 | 68 | | 920 | 65 | | 40-140 | 3 | | 50 |
| Bis(2-chloroisopropyl)ether | ND | 1400 | 890 | 64 | | 930 | 66 | | 40-140 | 4 | | 50 |
| Bis(2-chloroethoxy)methane | ND | 1400 | 1000 | 72 | | 1000 | 71 | | 40-117 | 0 | | 50 |
| Hexachlorobutadiene | ND | 1400 | 920 | 66 | | 920 | 65 | | 40-140 | 0 | | 50 |
| Hexachlorocyclopentadiene | ND | 1400 | 720 | 52 | | 690 | 49 | | 40-140 | 4 | | 50 |
| Hexachloroethane | ND | 1400 | 1000 | 72 | | 1100 | 78 | | 40-140 | 10 | | 50 |
| Isophorone | ND | 1400 | 1000 | 72 | | 1100 | 78 | | 40-140 | 10 | | 50 |
| Naphthalene | 290 | 1400 | 1200 | 65 | | 1200 | 65 | | 40-140 | 0 | | 50 |
| Nitrobenzene | ND | 1400 | 1200 | 86 | | 1200 | 85 | | 40-140 | 0 | | 50 |
| NDPA/DPA | ND | 1400 | 1000 | 72 | | 1000 | 71 | | 36-157 | 0 | | 50 |
| n-Nitrosodi-n-propylamine | ND | 1400 | 1100 | 79 | | 1100 | 78 | | 32-121 | 0 | | 50 |
| Bis(2-ethylhexyl)phthalate | 8600E | 1400 | 9200E | 43 | | 8700E | **7** | Q | 40-140 | 6 | | 50 |
| Butyl benzyl phthalate | ND | 1400 | 1100 | 79 | | 1100 | 78 | | 40-140 | 0 | | 50 |
| Di-n-butylphthalate | ND | 1400 | 1000 | 72 | | 1000 | 71 | | 40-140 | 0 | | 50 |

# Matrix Spike Analysis

## *Batch Quality Control*

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002

**Lab Number:** L2459257
**Report Date:** 10/22/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,09-10 QC Batch ID: WG1985876-4 WG1985876-5 QC Sample: L2459257-06 Client ID: NORTH SIDE @ 4'-B | | | | | | | | | | | | |
| Di-n-octylphthalate | ND | 1400 | 1100 | 79 | | 1100 | 78 | | 40-140 | 0 | | 50 |
| Diethyl phthalate | ND | 1400 | 1100 | 79 | | 1100 | 78 | | 40-140 | 0 | | 50 |
| Dimethyl phthalate | ND | 1400 | 1100 | 79 | | 1100 | 78 | | 40-140 | 0 | | 50 |
| Benzo(a)anthracene | ND | 1400 | 930 | 67 | | 920 | 65 | | 40-140 | 1 | | 50 |
| Benzo(a)pyrene | ND | 1400 | 760 | 54 | | 760 | 54 | | 40-140 | 0 | | 50 |
| Benzo(b)fluoranthene | ND | 1400 | 780 | 56 | | 770 | 55 | | 40-140 | 1 | | 50 |
| Benzo(k)fluoranthene | ND | 1400 | 760 | 54 | | 750 | 53 | | 40-140 | 1 | | 50 |
| Chrysene | ND | 1400 | 910 | 65 | | 900 | 64 | | 40-140 | 1 | | 50 |
| Acenaphthylene | ND | 1400 | 1100 | 79 | | 1100 | 78 | | 40-140 | 0 | | 50 |
| Anthracene | ND | 1400 | 950 | 68 | | 950 | 67 | | 40-140 | 0 | | 50 |
| Benzo(ghi)perylene | ND | 1400 | 740 | 53 | | 730 | 52 | | 40-140 | 1 | | 50 |
| Fluorene | 19J | 1400 | 970 | 69 | | 970 | 69 | | 40-140 | 0 | | 50 |
| Phenanthrene | 59J | 1400 | 980 | 70 | | 980 | 70 | | 40-140 | 0 | | 50 |
| Dibenzo(a,h)anthracene | ND | 1400 | 740 | 53 | | 720 | 51 | | 40-140 | 3 | | 50 |
| Indeno(1,2,3-cd)pyrene | ND | 1400 | 760 | 54 | | 730 | 52 | | 40-140 | 4 | | 50 |
| Pyrene | 30J | 1400 | 970 | 69 | | 1000 | 71 | | 35-142 | 3 | | 50 |
| Biphenyl | ND | 1400 | 1000 | 72 | | 1000 | 71 | | 37-127 | 0 | | 50 |
| 4-Chloroaniline | ND | 1400 | 920 | 66 | | 930 | 66 | | 40-140 | 1 | | 50 |
| 2-Nitroaniline | ND | 1400 | 1300 | 93 | | 1300 | 92 | | 47-134 | 0 | | 50 |
| 3-Nitroaniline | ND | 1400 | 990 | 71 | | 1000 | 71 | | 26-129 | 1 | | 50 |
| 4-Nitroaniline | ND | 1400 | 1100 | 79 | | 1100 | 78 | | 41-125 | 0 | | 50 |
| Dibenzofuran | 17J | 1400 | 970 | 69 | | 960 | 68 | | 40-140 | 1 | | 50 |
| 2-Methylnaphthalene | 140J | 1400 | 1100 | 79 | | 1100 | 78 | | 40-140 | 0 | | 50 |

# Matrix Spike Analysis

***Batch Quality Control***

***Project Name:*** BISONITE PAINT COMPANY

***Project Number:*** 100.002

***Lab Number:*** L2459257

***Report Date:*** 10/22/24

| *Parameter* | *Native Sample* | *MS Added* | *MS Found* | *MS %Recovery* | *Qual* | *MSD Found* | *MSD %Recovery* | *Qual* | *Recovery Limits* | *RPD* | *Qual* | *RPD Limits* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,09-10 QC Batch ID: WG1985876-4 WG1985876-5 QC Sample: L2459257-06 Client ID: NORTH SIDE @ 4'-B | | | | | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ND | 1400 | 1000 | 72 | | 1000 | 71 | | 40-117 | 0 | | 50 |
| Acetophenone | ND | 1400 | 1400 | 100 | | 1400 | 99 | | 14-144 | 0 | | 50 |
| 2,4,6-Trichlorophenol | ND | 1400 | 1200 | 86 | | 1200 | 85 | | 30-130 | 0 | | 50 |
| p-Chloro-m-cresol | ND | 1400 | 1200 | 86 | | 1200 | 85 | | 26-103 | 0 | | 50 |
| 2-Chlorophenol | ND | 1400 | 1000 | 72 | | 1000 | 71 | | 25-102 | 0 | | 50 |
| 2,4-Dichlorophenol | ND | 1400 | 1100 | 79 | | 1100 | 78 | | 30-130 | 0 | | 50 |
| 2,4-Dimethylphenol | ND | 1400 | 1100 | 79 | | 1100 | 78 | | 30-130 | 0 | | 50 |
| 2-Nitrophenol | ND | 1400 | 1200 | 86 | | 1200 | 85 | | 30-130 | 0 | | 50 |
| 4-Nitrophenol | ND | 1400 | 1500 | 110 | | 1500 | 110 | | 11-114 | 0 | | 50 |
| 2,4-Dinitrophenol | ND | 1400 | 450J | 32 | | 410J | 29 | | 4-130 | 9 | | 50 |
| 4,6-Dinitro-o-cresol | ND | 1400 | 1100 | 79 | | 1000 | 71 | | 10-130 | 10 | | 50 |
| Pentachlorophenol | ND | 1400 | 1200 | 86 | | 1200 | 85 | | 17-109 | 0 | | 50 |
| Phenol | ND | 1400 | 980 | 70 | | 990 | 70 | | 26-90 | 1 | | 50 |
| 2-Methylphenol | ND | 1400 | 1100 | 79 | | 1100 | 78 | | 30-130. | 0 | | 50 |
| 3-Methylphenol/4-Methylphenol | 87J | 1400 | 1200 | 86 | | 1200 | 85 | | 30-130 | 0 | | 50 |
| 2,4,5-Trichlorophenol | ND | 1400 | 1200 | 86 | | 1200 | 85 | | 30-130 | 0 | | 50 |
| Carbazole | ND | 1400 | 1000 | 72 | | 1000 | 71 | | 54-128 | 0 | | 50 |
| Atrazine | ND | 1400 | 1100 | 79 | | 1100 | 78 | | 40-140 | 0 | | 50 |
| Benzaldehyde | ND | 1400 | 1600 | 110 | | 1800 | 130 | | 40-140 | 12 | | 50 |
| Caprolactam | ND | 1400 | 1200 | 86 | | 1100 | 78 | | 15-130 | 9 | | 50 |
| 2,3,4,6-Tetrachlorophenol | ND | 1400 | 1200 | 86 | | 1200 | 85 | | 40-140 | 0 | | 50 |

# Matrix Spike Analysis

***Batch Quality Control***

***Project Name:*** BISONITE PAINT COMPANY

***Project Number:*** 100.002

***Lab Number:*** L2459257

***Report Date:*** 10/22/24

| *Parameter* | *Native Sample* | *MS Added* | *MS Found* | *MS %Recovery* | *Qual* | *MSD Found* | *MSD %Recovery* | *Qual* | *Recovery Limits* | *RPD* | *Qual* | *RPD Limits* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,09-10 QC Batch ID: WG1985876-4 WG1985876-5 QC Sample: L2459257-06
Client ID: NORTH SIDE @ 4'-B

| *Surrogate* | *MS % Recovery* | *MS Qualifier* | *MSD % Recovery* | *MSD Qualifier* | *Acceptance Criteria* |
|---|---|---|---|---|---|
| 2,4,6-Tribromophenol | 74 | | 73 | | 10-136 |
| 2-Fluorobiphenyl | 68 | | 67 | | 30-120 |
| 2-Fluorophenol | 71 | | 70 | | 25-120 |
| 4-Terphenyl-d14 | 59 | | 60 | | 18-120 |
| Nitrobenzene-d5 | 81 | | 80 | | 23-120 |
| Phenol-d6 | 73 | | 72 | | 10-120 |

# PCBS

**Project Name:** BISONITE PAINT COMPANY
**Lab Number:** L2459257
**Project Number:** 100.002
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-01
Client ID: TRENCH BASE @ 6'
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 12:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/20/24 11:31
Analyst: EMR
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 10/17/24 21:25
Cleanup Method: EPA 3665A
Cleanup Date: 10/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 10/19/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 53.8 | 4.78 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 53.8 | 5.39 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 53.8 | 11.4 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 53.8 | 7.25 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 53.8 | 8.07 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 53.8 | 5.89 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 53.8 | 9.94 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 53.8 | 6.83 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 53.8 | 5.57 | 1 | A |
| PCBs, Total | ND | | ug/kg | 53.8 | 4.78 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 76 | | 30-150 | A |
| Decachlorobiphenyl | 79 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 73 | | 30-150 | B |
| Decachlorobiphenyl | 69 | | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY
**Lab Number:** L2459257
**Project Number:** 100.002
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-02
Client ID: TRENCH BASE DUP @ 6'
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 12:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/19/24 09:11
Analyst: MEO
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 10/17/24 21:25
Cleanup Method: EPA 3665A
Cleanup Date: 10/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 10/19/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 57.8 | 5.13 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 57.8 | 5.79 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 57.8 | 12.2 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 57.8 | 7.79 | 1 | A |
| Aroclor 1248 | 142 | | ug/kg | 57.8 | 8.67 | 1 | B |
| Aroclor 1254 | ND | | ug/kg | 57.8 | 6.32 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 57.8 | 10.7 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 57.8 | 7.34 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 57.8 | 5.99 | 1 | A |
| PCBs, Total | 142 | | ug/kg | 57.8 | 5.13 | 1 | B |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 85 | | 30-150 | A |
| Decachlorobiphenyl | 63 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 83 | | 30-150 | B |
| Decachlorobiphenyl | 58 | | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-03
Client ID: SOUTH SIDE @ 4'-A
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 13:00
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/19/24 09:21
Analyst: MEO
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 10/17/24 21:25
Cleanup Method: EPA 3665A
Cleanup Date: 10/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 10/19/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 52.2 | 4.64 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 52.2 | 5.23 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 52.2 | 11.1 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 52.2 | 7.04 | 1 | A |
| Aroclor 1248 | 30.8 | J | ug/kg | 52.2 | 7.83 | 1 | B |
| Aroclor 1254 | 28.0 | J | ug/kg | 52.2 | 5.71 | 1 | B |
| Aroclor 1260 | ND | | ug/kg | 52.2 | 9.65 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 52.2 | 6.63 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 52.2 | 5.41 | 1 | A |
| PCBs, Total | 58.8 | J | ug/kg | 52.2 | 4.64 | 1 | B |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 90 | | 30-150 | A |
| Decachlorobiphenyl | 76 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 90 | | 30-150 | B |
| Decachlorobiphenyl | 65 | | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-04
Client ID: NORTH SIDE @ 4'-A
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 13:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/19/24 09:31
Analyst: MEO
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/17/24 21:25
Cleanup Method: EPA 3665A
Cleanup Date: 10/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 10/19/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 53.9 | 4.79 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 53.9 | 5.40 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 53.9 | 11.4 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 53.9 | 7.27 | 1 | A |
| Aroclor 1248 | 910 | | ug/kg | 53.9 | 8.09 | 1 | B |
| Aroclor 1254 | ND | | ug/kg | 53.9 | 5.90 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 53.9 | 9.97 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 53.9 | 6.85 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 53.9 | 5.59 | 1 | A |
| PCBs, Total | 910 | | ug/kg | 53.9 | 4.79 | 1 | B |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 85 | | 30-150 | A |
| Decachlorobiphenyl | 78 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 84 | | 30-150 | B |
| Decachlorobiphenyl | 65 | | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-05
Client ID: SOUTH SIDE @ 4'-B
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 14:00
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/19/24 09:41
Analyst: MEO
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 10/17/24 21:25
Cleanup Method: EPA 3665A
Cleanup Date: 10/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 10/19/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 52.6 | 4.67 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 52.6 | 5.27 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 52.6 | 11.2 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 52.6 | 7.09 | 1 | A |
| Aroclor 1248 | 1930 | | ug/kg | 52.6 | 7.89 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 52.6 | 5.75 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 52.6 | 9.72 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 52.6 | 6.68 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 52.6 | 5.45 | 1 | A |
| PCBs, Total | 1930 | | ug/kg | 52.6 | 4.67 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 86 | | 30-150 | A |
| Decachlorobiphenyl | 82 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 82 | | 30-150 | B |
| Decachlorobiphenyl | 72 | | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY
**Lab Number:** L2459257
**Project Number:** 100.002
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-06
Client ID: NORTH SIDE @ 4'-B
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 14:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/19/24 09:51
Analyst: MEO
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 10/17/24 21:25
Cleanup Method: EPA 3665A
Cleanup Date: 10/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 10/19/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 52.6 | 4.68 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 52.6 | 5.28 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 52.6 | 11.2 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 52.6 | 7.10 | 1 | A |
| Aroclor 1248 | 728 | | ug/kg | 52.6 | 7.90 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 52.6 | 5.76 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 52.6 | 9.73 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 52.6 | 6.69 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 52.6 | 5.46 | 1 | A |
| PCBs, Total | 728 | | ug/kg | 52.6 | 4.68 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 82 | | 30-150 | A |
| Decachlorobiphenyl | 70 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 75 | | 30-150 | B |
| Decachlorobiphenyl | 62 | | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY
**Lab Number:** L2459257
**Project Number:** 100.002
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-08
Client ID: RINSE BLANK
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 15:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/18/24 14:10
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 10/17/24 18:09
Cleanup Method: EPA 3665A
Cleanup Date: 10/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 10/18/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/l | 0.071 | 0.061 | 1 | A |
| Aroclor 1221 | ND | | ug/l | 0.071 | 0.061 | 1 | A |
| Aroclor 1232 | ND | | ug/l | 0.071 | 0.061 | 1 | A |
| Aroclor 1242 | ND | | ug/l | 0.071 | 0.061 | 1 | A |
| Aroclor 1248 | ND | | ug/l | 0.071 | 0.061 | 1 | A |
| Aroclor 1254 | ND | | ug/l | 0.071 | 0.061 | 1 | A |
| Aroclor 1260 | ND | | ug/l | 0.071 | 0.061 | 1 | A |
| Aroclor 1262 | ND | | ug/l | 0.071 | 0.061 | 1 | A |
| Aroclor 1268 | ND | | ug/l | 0.071 | 0.061 | 1 | A |
| PCBs, Total | ND | | ug/l | 0.071 | 0.061 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 94 | | 30-150 | A |
| Decachlorobiphenyl | 75 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 92 | | 30-150 | B |
| Decachlorobiphenyl | 70 | | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY
**Lab Number:** L2459257
**Project Number:** 100.002
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-09
Client ID: SOUTH SIDE @ 3'-C
Sample Location: 2266 MILITARY RD.

Date Collected: 10/10/24 12:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/20/24 11:39
Analyst: EMR
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/17/24 21:25
Cleanup Method: EPA 3665A
Cleanup Date: 10/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 10/19/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 55.0 | 4.88 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 55.0 | 5.51 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 55.0 | 11.6 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 55.0 | 7.41 | 1 | A |
| Aroclor 1248 | 10.2 | J | ug/kg | 55.0 | 8.25 | 1 | B |
| Aroclor 1254 | ND | | ug/kg | 55.0 | 6.02 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 55.0 | 10.2 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 55.0 | 6.98 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 55.0 | 5.70 | 1 | A |
| PCBs, Total | 10.2 | J | ug/kg | 55.0 | 4.88 | 1 | B |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 77 | | 30-150 | A |
| Decachlorobiphenyl | 77 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 75 | | 30-150 | B |
| Decachlorobiphenyl | 66 | | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY
**Lab Number:** L2459257
**Project Number:** 100.002
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-10
Client ID: NORTH SIDE @ 3'-C
Sample Location: 2266 MILITARY RD.

Date Collected: 10/10/24 13:00
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/20/24 11:46
Analyst: EMR
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/17/24 21:25
Cleanup Method: EPA 3665A
Cleanup Date: 10/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 10/19/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 53.8 | 4.78 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 53.8 | 5.39 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 53.8 | 11.4 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 53.8 | 7.26 | 1 | A |
| Aroclor 1248 | 190 | | ug/kg | 53.8 | 8.08 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 53.8 | 5.89 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 53.8 | 9.95 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 53.8 | 6.84 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 53.8 | 5.58 | 1 | A |
| PCBs, Total | 190 | | ug/kg | 53.8 | 4.78 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 72 | | 30-150 | A |
| Decachlorobiphenyl | 73 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 69 | | 30-150 | B |
| Decachlorobiphenyl | 62 | | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-11 D
Client ID: EAST WALL @ 3'
Sample Location: 2266 MILITARY RD.

Date Collected: 10/10/24 13:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/19/24 13:15
Analyst: MEO
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/17/24 21:25
Cleanup Method: EPA 3665A
Cleanup Date: 10/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 10/19/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 5330 | 474. | 100 | A |
| Aroclor 1221 | ND | | ug/kg | 5330 | 534. | 100 | A |
| Aroclor 1232 | ND | | ug/kg | 5330 | 1130 | 100 | A |
| Aroclor 1242 | ND | | ug/kg | 5330 | 719. | 100 | A |
| Aroclor 1248 | 32400 | | ug/kg | 5330 | 800. | 100 | A |
| Aroclor 1254 | ND | | ug/kg | 5330 | 584. | 100 | A |
| Aroclor 1260 | ND | | ug/kg | 5330 | 986. | 100 | A |
| Aroclor 1262 | ND | | ug/kg | 5330 | 677. | 100 | A |
| Aroclor 1268 | ND | | ug/kg | 5330 | 553. | 100 | A |
| PCBs, Total | 32400 | | ug/kg | 5330 | 474. | 100 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | **0** | Q | 30-150 | A |
| Decachlorobiphenyl | **0** | Q | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | **0** | Q | 30-150 | B |
| Decachlorobiphenyl | **0** | Q | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002
**Lab Number:** L2459257
**Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/17/24 10:37
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 10/17/24 01:51
Cleanup Method: EPA 3665A
Cleanup Date: 10/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 10/17/24

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 08 Batch: WG1985328-1 | | | | | | |
| Aroclor 1016 | ND | | ug/l | 0.071 | 0.061 | A |
| Aroclor 1221 | ND | | ug/l | 0.071 | 0.061 | A |
| Aroclor 1232 | ND | | ug/l | 0.071 | 0.061 | A |
| Aroclor 1242 | ND | | ug/l | 0.071 | 0.061 | A |
| Aroclor 1248 | ND | | ug/l | 0.071 | 0.061 | A |
| Aroclor 1254 | ND | | ug/l | 0.071 | 0.061 | A |
| Aroclor 1260 | ND | | ug/l | 0.071 | 0.061 | A |
| Aroclor 1262 | ND | | ug/l | 0.071 | 0.061 | A |
| Aroclor 1268 | ND | | ug/l | 0.071 | 0.061 | A |
| PCBs, Total | ND | | ug/l | 0.071 | 0.061 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 80 | | 30-150 | A |
| Decachlorobiphenyl | 85 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 75 | | 30-150 | B |
| Decachlorobiphenyl | 70 | | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002
**Lab Number:** L2459257
**Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/19/24 08:39
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 10/17/24 21:25
Cleanup Method: EPA 3665A
Cleanup Date: 10/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 10/19/24

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-06,09-11 Batch: WG1985845-1 | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 46.6 | 4.14 | A |
| Aroclor 1221 | ND | | ug/kg | 46.6 | 4.67 | A |
| Aroclor 1232 | ND | | ug/kg | 46.6 | 9.89 | A |
| Aroclor 1242 | ND | | ug/kg | 46.6 | 6.29 | A |
| Aroclor 1248 | ND | | ug/kg | 46.6 | 7.00 | A |
| Aroclor 1254 | ND | | ug/kg | 46.6 | 5.10 | A |
| Aroclor 1260 | ND | | ug/kg | 46.6 | 8.62 | A |
| Aroclor 1262 | ND | | ug/kg | 46.6 | 5.92 | A |
| Aroclor 1268 | ND | | ug/kg | 46.6 | 4.83 | A |
| PCBs, Total | ND | | ug/kg | 46.6 | 4.14 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 100 | | 30-150 | A |
| Decachlorobiphenyl | 77 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 98 | | 30-150 | B |
| Decachlorobiphenyl | 66 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 08 Batch: WG1985328-2 WG1985328-3 | | | | | | | | | |
| Aroclor 1016 | 83 | | 78 | | 40-140 | 7 | | 50 | A |
| Aroclor 1260 | 77 | | 75 | | 40-140 | 2 | | 50 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 90 | | 83 | | 30-150 | A |
| Decachlorobiphenyl | 83 | | 86 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 87 | | 80 | | 30-150 | B |
| Decachlorobiphenyl | 89 | | 85 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-06,09-11 Batch: WG1985845-2 WG1985845-3 | | | | | | | | | |
| Aroclor 1016 | 96 | | 89 | | 40-140 | 8 | | 50 | A |
| Aroclor 1260 | 65 | | 70 | | 40-140 | 7 | | 50 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 98 | | 94 | | 30-150 | A |
| Decachlorobiphenyl | 71 | | 73 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 96 | | 93 | | 30-150 | B |
| Decachlorobiphenyl | 64 | | 64 | | 30-150 | B |

# Matrix Spike Analysis

## *Batch Quality Control*

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-06,09-11 QC Batch ID: WG1985845-4 WG1985845-5 QC Sample: L2459257-06 Client ID: NORTH SIDE @ 4'-B | | | | | | | | | | | | | |
| Aroclor 1016 | ND | 319 | 444 | 139 | | 450 | **144** | Q | 40-140 | 1 | | 50 | A |
| Aroclor 1260 | ND | 319 | 243 | 76 | | 261 | 84 | | 40-140 | 7 | | 50 | A |

| Surrogate | MS % Recovery | MS Qualifier | MSD % Recovery | MSD Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 77 | | 85 | | 30-150 | A |
| Decachlorobiphenyl | 65 | | 71 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 70 | | 76 | | 30-150 | B |
| Decachlorobiphenyl | 56 | | 59 | | 30-150 | B |

# PESTICIDES

**Project Name:** BISONITE PAINT COMPANY
**Lab Number:** L2459257
**Project Number:** 100.002
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-01
Client ID: TRENCH BASE @ 6'
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 12:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/19/24 11:50
Analyst: JAG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 10/17/24 22:11
Cleanup Method: EPA 3620B
Cleanup Date: 10/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 10/19/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.75 | 0.343 | 1 | A |
| Lindane | ND | | ug/kg | 0.729 | 0.326 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.729 | 0.207 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.75 | 0.663 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.875 | 0.392 | 1 | A |
| Aldrin | ND | | ug/kg | 1.75 | 0.616 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.28 | 0.984 | 1 | A |
| Endrin | ND | | ug/kg | 0.729 | 0.299 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.19 | 0.765 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.75 | 0.450 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.09 | 0.547 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.75 | 0.404 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.75 | 0.624 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 1.75 | 1.41 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.75 | 0.413 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.75 | 0.585 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.729 | 0.347 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.28 | 1.02 | 1 | A |
| Toxaphene | ND | | ug/kg | 32.8 | 9.18 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.19 | 0.609 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.19 | 0.577 | 1 | A |
| Chlordane | ND | | ug/kg | 14.6 | 5.80 | 1 | A |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-01 Date Collected: 10/09/24 12:30

Client ID: TRENCH BASE @ 6' Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 61 | | 30-150 | A |
| Decachlorobiphenyl | 57 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 65 | | 30-150 | B |
| Decachlorobiphenyl | 77 | | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY
**Lab Number:** L2459257
**Project Number:** 100.002
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-01
Client ID: TRENCH BASE @ 6'
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 12:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/18/24 11:31
Analyst: EJL
Percent Solids: 90%
Methylation Date: 10/18/24 06:34

Extraction Method: EPA 8151A
Extraction Date: 10/16/24 18:39

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 184 | 11.6 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 184 | 5.69 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 184 | 4.88 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 80 | | 30-150 | A |
| DCAA | 84 | | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY
**Lab Number:** L2459257
**Project Number:** 100.002
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-02
Client ID: TRENCH BASE DUP @ 6'
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 12:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/19/24 12:01
Analyst: JAG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 10/17/24 22:11
Cleanup Method: EPA 3620B
Cleanup Date: 10/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 10/19/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.80 | 0.352 | 1 | A |
| Lindane | ND | | ug/kg | 0.750 | 0.335 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.750 | 0.213 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.80 | 0.682 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.900 | 0.403 | 1 | A |
| Aldrin | ND | | ug/kg | 1.80 | 0.633 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.37 | 1.01 | 1 | A |
| Endrin | ND | | ug/kg | 0.750 | 0.307 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.25 | 0.787 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.80 | 0.463 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.12 | 0.562 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.80 | 0.416 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.80 | 0.642 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 1.80 | 1.45 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.80 | 0.425 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.80 | 0.601 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.750 | 0.357 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.37 | 1.05 | 1 | A |
| Toxaphene | ND | | ug/kg | 33.7 | 9.45 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.25 | 0.627 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.25 | 0.594 | 1 | A |
| Chlordane | ND | | ug/kg | 15.0 | 5.96 | 1 | A |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

**SAMPLE RESULTS**

Lab ID: L2459257-02 Date Collected: 10/09/24 12:30

Client ID: TRENCH BASE DUP @ 6' Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 62 | | 30-150 | A |
| Decachlorobiphenyl | 56 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 62 | | 30-150 | B |
| Decachlorobiphenyl | 72 | | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY
**Lab Number:** L2459257
**Project Number:** 100.002
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-02
Client ID: TRENCH BASE DUP @ 6'
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 12:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/18/24 11:49
Analyst: EJL
Percent Solids: 86%
Methylation Date: 10/18/24 06:34

Extraction Method: EPA 8151A
Extraction Date: 10/16/24 18:39

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 192 | 12.1 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 192 | 5.94 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 192 | 5.10 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 94 | | 30-150 | A |
| DCAA | 93 | | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY
**Lab Number:** L2459257
**Project Number:** 100.002
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-03
Client ID: SOUTH SIDE @ 4'-A
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 13:00
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/18/24 16:25
Analyst: JAG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 10/17/24 22:11
Cleanup Method: EPA 3620B
Cleanup Date: 10/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 10/18/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.73 | 0.340 | 1 | A |
| Lindane | ND | | ug/kg | 0.723 | 0.323 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.723 | 0.205 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.73 | 0.658 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.867 | 0.389 | 1 | A |
| Aldrin | ND | | ug/kg | 1.73 | 0.611 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.25 | 0.976 | 1 | A |
| Endrin | ND | | ug/kg | 0.723 | 0.296 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.17 | 0.759 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.73 | 0.447 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.08 | 0.542 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.73 | 0.401 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.73 | 0.619 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 1.73 | 1.39 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.73 | 0.410 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.73 | 0.580 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.723 | 0.344 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.25 | 1.01 | 1 | A |
| Toxaphene | ND | | ug/kg | 32.5 | 9.11 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.17 | 0.604 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.17 | 0.572 | 1 | A |
| Chlordane | ND | | ug/kg | 14.4 | 5.75 | 1 | A |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

**SAMPLE RESULTS**

Lab ID: L2459257-03 Date Collected: 10/09/24 13:00

Client ID: SOUTH SIDE @ 4'-A Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 83 | | 30-150 | A |
| Decachlorobiphenyl | 69 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 87 | | 30-150 | B |
| Decachlorobiphenyl | 90 | | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY
**Lab Number:** L2459257
**Project Number:** 100.002
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-03
Client ID: SOUTH SIDE @ 4'-A
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 13:00
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/18/24 12:26
Analyst: EJL
Percent Solids: 90%
Methylation Date: 10/18/24 06:34

Extraction Method: EPA 8151A
Extraction Date: 10/16/24 18:39

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 182 | 11.5 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 182 | 5.65 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 182 | 4.85 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 41 | | 30-150 | A |
| DCAA | 42 | | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY
**Lab Number:** L2459257
**Project Number:** 100.002
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-04
Client ID: NORTH SIDE @ 4'-A
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 13:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/18/24 16:36
Analyst: JAG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/17/24 22:11
Cleanup Method: EPA 3620B
Cleanup Date: 10/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 10/18/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.72 | 0.337 | 1 | A |
| Lindane | ND | | ug/kg | 0.716 | 0.320 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.716 | 0.203 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.72 | 0.652 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.860 | 0.385 | 1 | A |
| Aldrin | ND | | ug/kg | 1.72 | 0.605 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.22 | 0.967 | 1 | A |
| Endrin | ND | | ug/kg | 0.716 | 0.294 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.15 | 0.752 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.72 | 0.443 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.07 | 0.537 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.72 | 0.398 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.72 | 0.613 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 1.72 | 1.38 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.72 | 0.406 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.72 | 0.574 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.716 | 0.341 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.22 | 1.00 | 1 | A |
| Toxaphene | ND | | ug/kg | 32.2 | 9.03 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.15 | 0.599 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.15 | 0.567 | 1 | A |
| Chlordane | ND | | ug/kg | 14.3 | 5.70 | 1 | A |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

**SAMPLE RESULTS**

Lab ID: L2459257-04 Date Collected: 10/09/24 13:30

Client ID: NORTH SIDE @ 4'-A Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 70 | | 30-150 | A |
| Decachlorobiphenyl | 63 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 72 | | 30-150 | B |
| Decachlorobiphenyl | 76 | | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY
**Lab Number:** L2459257
**Project Number:** 100.002
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-04
Client ID: NORTH SIDE @ 4'-A
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 13:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/18/24 12:44
Analyst: EJL
Percent Solids: 89%
Methylation Date: 10/18/24 06:34

Extraction Method: EPA 8151A
Extraction Date: 10/16/24 18:39

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 184 | 11.6 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 184 | 5.70 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 184 | 4.90 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 82 | | 30-150 | A |
| DCAA | 85 | | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-05
Client ID: SOUTH SIDE @ 4'-B
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 14:00
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/18/24 16:47
Analyst: JAG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 10/17/24 22:11
Cleanup Method: EPA 3620B
Cleanup Date: 10/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 10/18/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.79 | 0.350 | 1 | A |
| Lindane | ND | | ug/kg | 0.744 | 0.333 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.744 | 0.211 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.79 | 0.677 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.893 | 0.400 | 1 | A |
| Aldrin | ND | | ug/kg | 1.79 | 0.629 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.35 | 1.00 | 1 | A |
| Endrin | ND | | ug/kg | 0.744 | 0.305 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.23 | 0.782 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.79 | 0.460 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.12 | 0.558 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.79 | 0.413 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.79 | 0.637 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 1.79 | 1.44 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.79 | 0.422 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.79 | 0.597 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.744 | 0.354 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.35 | 1.04 | 1 | A |
| Toxaphene | ND | | ug/kg | 33.5 | 9.38 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.23 | 0.622 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.23 | 0.589 | 1 | A |
| Chlordane | ND | | ug/kg | 14.9 | 5.92 | 1 | A |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

**SAMPLE RESULTS**

Lab ID: L2459257-05 Date Collected: 10/09/24 14:00

Client ID: SOUTH SIDE @ 4'-B Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 70 | | 30-150 | A |
| Decachlorobiphenyl | 58 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 66 | | 30-150 | B |
| Decachlorobiphenyl | 66 | | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY
**Lab Number:** L2459257
**Project Number:** 100.002
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-05
Client ID: SOUTH SIDE @ 4'-B
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 14:00
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/18/24 13:02
Analyst: EJL
Percent Solids: 88%
Methylation Date: 10/18/24 06:34

Extraction Method: EPA 8151A
Extraction Date: 10/16/24 18:39

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 190 | 12.0 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 190 | 5.88 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 190 | 5.05 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 89 | | 30-150 | A |
| DCAA | 97 | | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY
**Lab Number:** L2459257
**Project Number:** 100.002
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-06
Client ID: NORTH SIDE @ 4'-B
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 14:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/18/24 16:58
Analyst: JAG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 10/17/24 22:11
Cleanup Method: EPA 3620B
Cleanup Date: 10/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 10/18/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.67 | 0.327 | 1 | A |
| Lindane | ND | | ug/kg | 0.696 | 0.311 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.696 | 0.198 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.67 | 0.633 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.835 | 0.374 | 1 | A |
| Aldrin | ND | | ug/kg | 1.67 | 0.588 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.13 | 0.939 | 1 | A |
| Endrin | ND | | ug/kg | 0.696 | 0.285 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.09 | 0.730 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.67 | 0.430 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.04 | 0.522 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.67 | 0.386 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.67 | 0.595 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 1.67 | 1.34 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.67 | 0.394 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.67 | 0.558 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.696 | 0.331 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.13 | 0.974 | 1 | A |
| Toxaphene | ND | | ug/kg | 31.3 | 8.76 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.09 | 0.581 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.09 | 0.551 | 1 | A |
| Chlordane | ND | | ug/kg | 13.9 | 5.53 | 1 | A |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

**SAMPLE RESULTS**

Lab ID: L2459257-06 Date Collected: 10/09/24 14:30

Client ID: NORTH SIDE @ 4'-B Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 76 | | 30-150 | A |
| Decachlorobiphenyl | 67 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 73 | | 30-150 | B |
| Decachlorobiphenyl | 77 | | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY
**Lab Number:** L2459257
**Project Number:** 100.002
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-06
Client ID: NORTH SIDE @ 4'-B
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 14:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/22/24 08:59
Analyst: AKM
Percent Solids: 93%
Methylation Date: 10/22/24 00:16

Extraction Method: EPA 8151A
Extraction Date: 10/20/24 16:45

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 177 | 11.1 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 177 | 5.48 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 177 | 4.70 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 66 | | 30-150 | A |
| DCAA | 59 | | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY
**Lab Number:** L2459257
**Project Number:** 100.002
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-08
Client ID: RINSE BLANK
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 15:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 10/17/24 09:07
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 10/16/24 23:14

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Lindane | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Alpha-BHC | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Beta-BHC | ND | | ug/l | 0.014 | 0.004 | 1 | A |
| Heptachlor | ND | | ug/l | 0.014 | 0.002 | 1 | A |
| Aldrin | ND | | ug/l | 0.014 | 0.002 | 1 | A |
| Heptachlor epoxide | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Endrin | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| Endrin aldehyde | ND | | ug/l | 0.029 | 0.006 | 1 | A |
| Endrin ketone | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| Dieldrin | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| 4,4'-DDE | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| 4,4'-DDD | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| 4,4'-DDT | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| Endosulfan I | ND | | ug/l | 0.014 | 0.002 | 1 | A |
| Endosulfan II | ND | | ug/l | 0.029 | 0.004 | 1 | A |
| Endosulfan sulfate | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| Methoxychlor | ND | | ug/l | 0.143 | 0.005 | 1 | A |
| Toxaphene | ND | | ug/l | 0.143 | 0.045 | 1 | A |
| cis-Chlordane | ND | | ug/l | 0.014 | 0.005 | 1 | A |
| trans-Chlordane | ND | | ug/l | 0.014 | 0.004 | 1 | A |
| Chlordane | ND | | ug/l | 0.143 | 0.033 | 1 | A |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

**SAMPLE RESULTS**

Lab ID: L2459257-08 Date Collected: 10/09/24 15:30

Client ID: RINSE BLANK Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 84 | | 30-150 | A |
| Decachlorobiphenyl | 72 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 68 | | 30-150 | B |
| Decachlorobiphenyl | 73 | | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY
**Lab Number:** L2459257
**Project Number:** 100.002
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-08
Client ID: RINSE BLANK
Sample Location: 2266 MILITARY RD.

Date Collected: 10/09/24 15:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 10/16/24 11:26
Analyst: JAG

Extraction Method: EPA 8151A
Extraction Date: 10/15/24 21:55

Methylation Date: 10/16/24 07:31

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/l | 10.0 | 0.498 | 1 | A |
| 2,4,5-T | ND | | ug/l | 2.00 | 0.531 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/l | 2.00 | 0.539 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 75 | | 30-150 | A |
| DCAA | 76 | | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY
**Lab Number:** L2459257
**Project Number:** 100.002
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-09
Client ID: SOUTH SIDE @ 3'-C
Sample Location: 2266 MILITARY RD.

Date Collected: 10/10/24 12:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/19/24 12:12
Analyst: JAG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/17/24 22:11
Cleanup Method: EPA 3620B
Cleanup Date: 10/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 10/19/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.79 | 0.350 | 1 | A |
| Lindane | ND | | ug/kg | 0.746 | 0.333 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.746 | 0.212 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.79 | 0.678 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.895 | 0.401 | 1 | A |
| Aldrin | ND | | ug/kg | 1.79 | 0.630 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.36 | 1.01 | 1 | A |
| Endrin | ND | | ug/kg | 0.746 | 0.306 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.24 | 0.783 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.79 | 0.461 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.12 | 0.559 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.79 | 0.414 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.79 | 0.638 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 1.79 | 1.44 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.79 | 0.423 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.79 | 0.598 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.746 | 0.355 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.36 | 1.04 | 1 | A |
| Toxaphene | ND | | ug/kg | 33.6 | 9.39 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.24 | 0.623 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.24 | 0.590 | 1 | A |
| Chlordane | ND | | ug/kg | 14.9 | 5.93 | 1 | A |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

**SAMPLE RESULTS**

Lab ID: L2459257-09 Date Collected: 10/10/24 12:30

Client ID: SOUTH SIDE @ 3'-C Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 65 | | 30-150 | A |
| Decachlorobiphenyl | 59 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 66 | | 30-150 | B |
| Decachlorobiphenyl | 79 | | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY
**Lab Number:** L2459257
**Project Number:** 100.002
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-09
Client ID: SOUTH SIDE @ 3'-C
Sample Location: 2266 MILITARY RD.

Date Collected: 10/10/24 12:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/18/24 14:16
Analyst: EJL
Percent Solids: 89%
Methylation Date: 10/18/24 06:34

Extraction Method: EPA 8151A
Extraction Date: 10/16/24 18:39

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 184 | 11.6 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 184 | 5.72 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 184 | 4.91 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 80 | | 30-150 | A |
| DCAA | 81 | | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY
**Lab Number:** L2459257
**Project Number:** 100.002
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-10
Client ID: NORTH SIDE @ 3'-C
Sample Location: 2266 MILITARY RD.

Date Collected: 10/10/24 13:00
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/18/24 17:32
Analyst: JAG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/17/24 22:11
Cleanup Method: EPA 3620B
Cleanup Date: 10/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 10/18/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.71 | 0.335 | 1 | A |
| Lindane | ND | | ug/kg | 0.713 | 0.318 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.713 | 0.202 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.71 | 0.648 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.855 | 0.383 | 1 | A |
| Aldrin | ND | | ug/kg | 1.71 | 0.602 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.21 | 0.962 | 1 | A |
| Endrin | ND | | ug/kg | 0.713 | 0.292 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.14 | 0.748 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.71 | 0.440 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.07 | 0.534 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.71 | 0.396 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.71 | 0.610 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 1.71 | 1.38 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.71 | 0.404 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.71 | 0.572 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.713 | 0.339 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.21 | 0.998 | 1 | A |
| Toxaphene | ND | | ug/kg | 32.1 | 8.98 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.14 | 0.596 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.14 | 0.564 | 1 | A |
| Chlordane | ND | | ug/kg | 14.2 | 5.66 | 1 | A |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

**SAMPLE RESULTS**

Lab ID: L2459257-10 Date Collected: 10/10/24 13:00

Client ID: NORTH SIDE @ 3'-C Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 78 | | 30-150 | A |
| Decachlorobiphenyl | 65 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 85 | | 30-150 | B |
| Decachlorobiphenyl | 91 | | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY
**Lab Number:** L2459257
**Project Number:** 100.002
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-10
Client ID: NORTH SIDE @ 3'-C
Sample Location: 2266 MILITARY RD.

Date Collected: 10/10/24 13:00
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/18/24 14:34
Analyst: EJL
Percent Solids: 89%
Methylation Date: 10/18/24 06:34

Extraction Method: EPA 8151A
Extraction Date: 10/16/24 18:39

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 187 | 11.8 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 187 | 5.80 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 187 | 4.97 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 86 | | 30-150 | A |
| DCAA | 87 | | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY
**Lab Number:** L2459257
**Project Number:** 100.002
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-11
Client ID: EAST WALL @ 3'
Sample Location: 2266 MILITARY RD.

Date Collected: 10/10/24 13:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/18/24 14:53
Analyst: EJL
Percent Solids: 89%
Methylation Date: 10/18/24 06:34

Extraction Method: EPA 8151A
Extraction Date: 10/16/24 18:39

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Chlorinated Herbicides by GC - Westborough Lab** | | | | | | | |
| 2,4-D | ND | | ug/kg | 187 | 11.8 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 187 | 5.79 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 187 | 4.96 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | **22** | Q | 30-150 | A |
| DCAA | 81 | | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-11 D
Client ID: EAST WALL @ 3'
Sample Location: 2266 MILITARY RD.

Date Collected: 10/10/24 13:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/19/24 15:22
Analyst: JAG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/18/24 13:36
Cleanup Method: EPA 3620B
Cleanup Date: 10/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 10/19/24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 8.64 | 1.69 | 5 | A |
| Lindane | ND | | ug/kg | 3.60 | 1.61 | 5 | A |
| Alpha-BHC | ND | | ug/kg | 3.60 | 1.02 | 5 | A |
| Beta-BHC | ND | | ug/kg | 8.64 | 3.28 | 5 | A |
| Heptachlor | ND | | ug/kg | 4.32 | 1.94 | 5 | A |
| Aldrin | ND | | ug/kg | 8.64 | 3.04 | 5 | A |
| Heptachlor epoxide | ND | | ug/kg | 16.2 | 4.86 | 5 | A |
| Endrin | ND | | ug/kg | 3.60 | 1.48 | 5 | A |
| Endrin aldehyde | ND | | ug/kg | 10.8 | 3.78 | 5 | A |
| Endrin ketone | ND | | ug/kg | 8.64 | 2.22 | 5 | A |
| Dieldrin | ND | | ug/kg | 5.40 | 2.70 | 5 | A |
| 4,4'-DDE | ND | | ug/kg | 8.64 | 2.00 | 5 | A |
| 4,4'-DDD | ND | | ug/kg | 8.64 | 3.08 | 5 | A |
| 4,4'-DDT | ND | | ug/kg | 8.64 | 6.95 | 5 | A |
| Endosulfan I | ND | | ug/kg | 8.64 | 2.04 | 5 | A |
| Endosulfan II | ND | | ug/kg | 8.64 | 2.89 | 5 | A |
| Endosulfan sulfate | ND | | ug/kg | 3.60 | 1.71 | 5 | A |
| Methoxychlor | ND | | ug/kg | 16.2 | 5.04 | 5 | A |
| Toxaphene | ND | | ug/kg | 162 | 45.4 | 5 | A |
| cis-Chlordane | ND | | ug/kg | 10.8 | 3.01 | 5 | A |
| trans-Chlordane | ND | | ug/kg | 10.8 | 2.85 | 5 | A |
| Chlordane | ND | | ug/kg | 72.0 | 28.6 | 5 | A |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-11 D
Client ID: EAST WALL @ 3'
Sample Location: 2266 MILITARY RD.

Date Collected: 10/10/24 13:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 92 | | 30-150 | A |
| Decachlorobiphenyl | 41 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 70 | | 30-150 | B |
| Decachlorobiphenyl | 115 | | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002
**Lab Number:** L2459257
**Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 10/16/24 09:16
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 10/15/24 21:49

Methylation Date: 10/16/24 07:31

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Chlorinated Herbicides by GC - Westborough Lab for sample(s): 08 Batch: WG1984710-1 | | | | | | |
| 2,4-D | ND | | ug/l | 10.0 | 0.498 | A |
| 2,4,5-T | ND | | ug/l | 2.00 | 0.531 | A |
| 2,4,5-TP (Silvex) | ND | | ug/l | 2.00 | 0.539 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 79 | | 30-150 | A |
| DCAA | 73 | | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002
**Lab Number:** L2459257
**Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 10/18/24 10:36
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 10/16/24 18:39

Methylation Date: 10/18/24 06:34

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-05,09-11 Batch: WG1985244-1 | | | | | | |
| 2,4-D | ND | | ug/kg | 163 | 10.3 | A |
| 2,4,5-T | ND | | ug/kg | 163 | 5.06 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 163 | 4.34 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 85 | | 30-150 | A |
| DCAA | 90 | | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/17/24 08:17
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 10/16/24 23:12

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 08 Batch: WG1985300-1 | | | | | | |
| Delta-BHC | ND | | ug/l | 0.014 | 0.003 | A |
| Lindane | ND | | ug/l | 0.014 | 0.003 | A |
| Alpha-BHC | ND | | ug/l | 0.014 | 0.003 | A |
| Beta-BHC | ND | | ug/l | 0.014 | 0.004 | A |
| Heptachlor | ND | | ug/l | 0.014 | 0.002 | A |
| Aldrin | ND | | ug/l | 0.014 | 0.002 | A |
| Heptachlor epoxide | ND | | ug/l | 0.014 | 0.003 | A |
| Endrin | ND | | ug/l | 0.029 | 0.003 | A |
| Endrin aldehyde | ND | | ug/l | 0.029 | 0.006 | A |
| Endrin ketone | ND | | ug/l | 0.029 | 0.003 | A |
| Dieldrin | ND | | ug/l | 0.029 | 0.003 | A |
| 4,4'-DDE | ND | | ug/l | 0.029 | 0.003 | A |
| 4,4'-DDD | ND | | ug/l | 0.029 | 0.003 | A |
| 4,4'-DDT | ND | | ug/l | 0.029 | 0.003 | A |
| Endosulfan I | ND | | ug/l | 0.014 | 0.002 | A |
| Endosulfan II | ND | | ug/l | 0.029 | 0.004 | A |
| Endosulfan sulfate | ND | | ug/l | 0.029 | 0.003 | A |
| Methoxychlor | ND | | ug/l | 0.143 | 0.005 | A |
| Toxaphene | ND | | ug/l | 0.143 | 0.045 | A |
| cis-Chlordane | ND | | ug/l | 0.014 | 0.005 | A |
| trans-Chlordane | ND | | ug/l | 0.014 | 0.004 | A |
| Chlordane | ND | | ug/l | 0.143 | 0.033 | A |

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002
**Lab Number:** L2459257
**Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/17/24 08:17
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 10/16/24 23:12

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 08 Batch: WG1985300-1 | | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 83 | | 30-150 | A |
| Decachlorobiphenyl | 87 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 67 | | 30-150 | B |
| Decachlorobiphenyl | 85 | | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002
**Lab Number:** L2459257
**Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/18/24 15:51
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 10/17/24 22:11
Cleanup Method: EPA 3620B
Cleanup Date: 10/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 10/18/24

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-06,09-11 Batch: WG1985848-1 | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.57 | 0.308 | A |
| Lindane | ND | | ug/kg | 0.656 | 0.293 | A |
| Alpha-BHC | ND | | ug/kg | 0.656 | 0.186 | A |
| Beta-BHC | ND | | ug/kg | 1.57 | 0.597 | A |
| Heptachlor | ND | | ug/kg | 0.787 | 0.353 | A |
| Aldrin | ND | | ug/kg | 1.57 | 0.554 | A |
| Heptachlor epoxide | ND | | ug/kg | 2.95 | 0.885 | A |
| Endrin | ND | | ug/kg | 0.656 | 0.269 | A |
| Endrin aldehyde | ND | | ug/kg | 1.97 | 0.688 | A |
| Endrin ketone | ND | | ug/kg | 1.57 | 0.405 | A |
| Dieldrin | ND | | ug/kg | 0.984 | 0.492 | A |
| 4,4'-DDE | ND | | ug/kg | 1.57 | 0.364 | A |
| 4,4'-DDD | ND | | ug/kg | 1.57 | 0.561 | A |
| 4,4'-DDT | ND | | ug/kg | 1.57 | 1.26 | A |
| Endosulfan I | ND | | ug/kg | 1.57 | 0.372 | A |
| Endosulfan II | ND | | ug/kg | 1.57 | 0.526 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.656 | 0.312 | A |
| Methoxychlor | ND | | ug/kg | 2.95 | 0.918 | A |
| Toxaphene | ND | | ug/kg | 29.5 | 8.26 | A |
| cis-Chlordane | ND | | ug/kg | 1.97 | 0.548 | A |
| trans-Chlordane | ND | | ug/kg | 1.97 | 0.519 | A |
| Chlordane | ND | | ug/kg | 13.1 | 5.21 | A |

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002
**Lab Number:** L2459257
**Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/18/24 15:51
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 10/17/24 22:11
Cleanup Method: EPA 3620B
Cleanup Date: 10/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 10/18/24

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-06,09-11 Batch: WG1985848-1 | | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 88 | | 30-150 | A |
| Decachlorobiphenyl | 75 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 87 | | 30-150 | B |
| Decachlorobiphenyl | 88 | | 30-150 | B |

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002
**Lab Number:** L2459257
**Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 10/22/24 07:46
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 10/20/24 16:15

Methylation Date: 10/22/24 00:16

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Chlorinated Herbicides by GC - Westborough Lab for sample(s): 06 Batch: WG1986716-1 | | | | | | |
| 2,4-D | ND | | ug/kg | 164 | 10.3 | A |
| 2,4,5-T | ND | | ug/kg | 164 | 5.07 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 164 | 4.35 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| DCAA | 58 | | 30-150 | A |
| DCAA | 60 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 08 Batch: WG1984710-2 WG1984710-3 | | | | | | | | | |
| 2,4-D | 81 | | 78 | | 30-150 | 4 | | 25 | A |
| 2,4,5-T | 83 | | 80 | | 30-150 | 4 | | 25 | A |
| 2,4,5-TP (Silvex) | 81 | | 80 | | 30-150 | 1 | | 25 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| DCAA | 79 | | 77 | | 30-150 | A |
| DCAA | 88 | | 86 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-05,09-11 Batch: WG1985244-2 WG1985244-3 | | | | | | | | | |
| 2,4-D | 95 | | 99 | | 30-150 | 4 | | 30 | A |
| 2,4,5-T | 92 | | 98 | | 30-150 | 6 | | 30 | A |
| 2,4,5-TP (Silvex) | 92 | | 98 | | 30-150 | 6 | | 30 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| DCAA | 79 | | 82 | | 30-150 | A |
| DCAA | 92 | | 92 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 08 Batch: WG1985300-2 WG1985300-3 | | | | | | | | | |
| Delta-BHC | 65 | | 59 | | 30-150 | 10 | | 20 | A |
| Lindane | 71 | | 62 | | 30-150 | 14 | | 20 | A |
| Alpha-BHC | 83 | | 70 | | 30-150 | 17 | | 20 | A |
| Beta-BHC | 85 | | 75 | | 30-150 | 13 | | 20 | A |
| Heptachlor | 76 | | 66 | | 30-150 | 13 | | 20 | A |
| Aldrin | 74 | | 64 | | 30-150 | 14 | | 20 | A |
| Heptachlor epoxide | 75 | | 66 | | 30-150 | 13 | | 20 | A |
| Endrin | 81 | | 70 | | 30-150 | 14 | | 20 | A |
| Endrin aldehyde | 70 | | 68 | | 30-150 | 4 | | 20 | A |
| Endrin ketone | 83 | | 76 | | 30-150 | 9 | | 20 | A |
| Dieldrin | 82 | | 72 | | 30-150 | 13 | | 20 | A |
| 4,4'-DDE | 75 | | 65 | | 30-150 | 14 | | 20 | A |
| 4,4'-DDD | 80 | | 71 | | 30-150 | 13 | | 20 | A |
| 4,4'-DDT | 98 | | 95 | | 30-150 | 3 | | 20 | A |
| Endosulfan I | 76 | | 67 | | 30-150 | 14 | | 20 | A |
| Endosulfan II | 75 | | 69 | | 30-150 | 9 | | 20 | A |
| Endosulfan sulfate | 84 | | 78 | | 30-150 | 7 | | 20 | A |
| Methoxychlor | 99 | | 89 | | 30-150 | 11 | | 20 | A |
| cis-Chlordane | 82 | | 71 | | 30-150 | 14 | | 20 | A |
| trans-Chlordane | 93 | | 81 | | 30-150 | 14 | | 20 | A |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 08 Batch: WG1985300-2 WG1985300-3 | | | | | | | | |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 87 | | 76 | | 30-150 | A |
| Decachlorobiphenyl | 93 | | 79 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 71 | | 63 | | 30-150 | B |
| Decachlorobiphenyl | 89 | | 77 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-06,09-11 Batch: WG1985848-2 WG1985848-3 | | | | | | | | | |
| Delta-BHC | 81 | | 88 | | 30-150 | 8 | | 30 | A |
| Lindane | 82 | | 90 | | 30-150 | 9 | | 30 | A |
| Alpha-BHC | 81 | | 88 | | 30-150 | 8 | | 30 | A |
| Beta-BHC | 80 | | 89 | | 30-150 | 11 | | 30 | A |
| Heptachlor | 83 | | 92 | | 30-150 | 10 | | 30 | A |
| Aldrin | 79 | | 87 | | 30-150 | 10 | | 30 | A |
| Heptachlor epoxide | 63 | | 67 | | 30-150 | 6 | | 30 | A |
| Endrin | 89 | | 96 | | 30-150 | 8 | | 30 | A |
| Endrin aldehyde | 73 | | 77 | | 30-150 | 5 | | 30 | A |
| Endrin ketone | 81 | | 87 | | 30-150 | 7 | | 30 | A |
| Dieldrin | 86 | | 94 | | 30-150 | 9 | | 30 | A |
| 4,4'-DDE | 78 | | 85 | | 30-150 | 9 | | 30 | A |
| 4,4'-DDD | 89 | | 94 | | 30-150 | 5 | | 30 | A |
| 4,4'-DDT | 87 | | 93 | | 30-150 | 7 | | 30 | A |
| Endosulfan I | 80 | | 86 | | 30-150 | 7 | | 30 | A |
| Endosulfan II | 84 | | 91 | | 30-150 | 8 | | 30 | A |
| Endosulfan sulfate | 84 | | 91 | | 30-150 | 8 | | 30 | A |
| Methoxychlor | 92 | | 96 | | 30-150 | 4 | | 30 | A |
| cis-Chlordane | 75 | | 81 | | 30-150 | 8 | | 30 | A |
| trans-Chlordane | 97 | | 104 | | 30-150 | 7 | | 30 | A |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-06,09-11 Batch: WG1985848-2 WG1985848-3 | | | | | | | | |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 76 | | 86 | | 30-150 | A |
| Decachlorobiphenyl | 63 | | 71 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 76 | | 86 | | 30-150 | B |
| Decachlorobiphenyl | 75 | | 84 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 06 Batch: WG1986716-2 WG1986716-3 | | | | | | | | | |
| 2,4-D | 77 | | 76 | | 30-150 | 1 | | 30 | A |
| 2,4,5-T | 82 | | 72 | | 30-150 | 13 | | 30 | A |
| 2,4,5-TP (Silvex) | 82 | | 73 | | 30-150 | 12 | | 30 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| DCAA | 73 | | 62 | | 30-150 | A |
| DCAA | 82 | | 71 | | 30-150 | B |

# Matrix Spike Analysis

## *Batch Quality Control*

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-06,09-11 QC Batch ID: WG1985848-4 WG1985848-5 QC Sample: L2459257-06 Client ID: NORTH SIDE @ 4'-B | | | | | | | | | | | | | |
| Delta-BHC | ND | 35.4 | 45.4P | 128 | | 46.4P | 133 | | 30-150 | 2 | | 50 | A |
| Lindane | ND | 35.4 | 28.5 | 81 | | 29.8 | 85 | | 30-150 | 4 | | 50 | A |
| Alpha-BHC | ND | 35.4 | 26.9 | 76 | | 28.1 | 80 | | 30-150 | 4 | | 50 | A |
| Beta-BHC | ND | 35.4 | 24.8 | 70 | | 27.0 | 77 | | 30-150 | 8 | | 50 | A |
| Heptachlor | ND | 35.4 | 29.8 | 84 | | 31.0 | 89 | | 30-150 | 4 | | 50 | A |
| Aldrin | ND | 35.4 | 26.7 | 75 | | 27.4 | 78 | | 30-150 | 3 | | 50 | A |
| Heptachlor epoxide | ND | 35.4 | 20.5 | 58 | | 21.5 | 61 | | 30-150 | 5 | | 50 | A |
| Endrin | ND | 35.4 | 27.7 | 78 | | 29.2 | 83 | | 30-150 | 5 | | 50 | A |
| Endrin aldehyde | ND | 35.4 | 23.6 | 67 | | 25.6 | 73 | | 30-150 | 8 | | 50 | A |
| Endrin ketone | ND | 35.4 | 28.8 | 81 | | 30.3 | 87 | | 30-150 | 5 | | 50 | A |
| Dieldrin | ND | 35.4 | 28.5 | 81 | | 30.7 | 88 | | 30-150 | 7 | | 50 | A |
| 4,4'-DDE | ND | 35.4 | 30.0 | 85 | | 32.6 | 93 | | 30-150 | 8 | | 50 | A |
| 4,4'-DDD | ND | 35.4 | 28.6 | 81 | | 29.2 | 83 | | 30-150 | 2 | | 50 | A |
| 4,4'-DDT | ND | 35.4 | 28.6 | 81 | | 30.4 | 87 | | 30-150 | 6 | | 50 | A |
| Endosulfan I | ND | 35.4 | 30.0 | 85 | | 32.2 | 92 | | 30-150 | 7 | | 50 | A |
| Endosulfan II | ND | 35.4 | 27.2 | 77 | | 29.0 | 83 | | 30-150 | 6 | | 50 | A |
| Endosulfan sulfate | ND | 35.4 | 27.3 | 77 | | 28.3 | 81 | | 30-150 | 4 | | 50 | A |
| Methoxychlor | ND | 35.4 | 30.0 | 85 | | 32.7 | 93 | | 30-150 | 9 | | 50 | A |
| cis-Chlordane | ND | 35.4 | 27.9 | 79 | | 28.6 | 82 | | 30-150 | 2 | | 50 | A |
| trans-Chlordane | ND | 35.4 | 32.2 | 91 | | 33.5 | 96 | | 30-150 | 4 | | 50 | A |

# Matrix Spike Analysis

***Batch Quality Control***

***Project Name:*** BISONITE PAINT COMPANY

***Project Number:*** 100.002

***Lab Number:*** L2459257

***Report Date:*** 10/22/24

| *Parameter* | *Native Sample* | *MS Added* | *MS Found* | *MS %Recovery* | *Qual* | *MSD Found* | *MSD %Recovery* | *Qual* | *Recovery Limits* | *RPD* | *Qual* | *RPD Limits* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-06,09-11 QC Batch ID: WG1985848-4 WG1985848-5 QC Sample: L2459257-06 Client ID: NORTH SIDE @ 4'-B | | | | | | | | | | | | |

| *Surrogate* | *MS % Recovery* | *MS Qualifier* | *MSD % Recovery* | *MSD Qualifier* | *Acceptance Criteria* | *Column* |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 72 | | 77 | | 30-150 | A |
| Decachlorobiphenyl | 62 | | 63 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 71 | | 76 | | 30-150 | B |
| Decachlorobiphenyl | 72 | | 80 | | 30-150 | B |

# Matrix Spike Analysis

***Batch Quality Control***

***Project Name:*** BISONITE PAINT COMPANY

***Project Number:*** 100.002

***Lab Number:*** L2459257

***Report Date:*** 10/22/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 06 QC Batch ID: WG1986716-4 WG1986716-5 QC Sample: L2459257-06 Client ID: NORTH SIDE @ 4'-B | | | | | | | | | | | | | |
| 2,4-D | ND | 177 | 115J | 65 | | 104J | 59 | | 30-150 | 10 | | 30 | A |
| 2,4,5-T | ND | 177 | 112J | 63 | | 102J | 58 | | 30-150 | 9 | | 30 | A |
| 2,4,5-TP (Silvex) | ND | 177 | 118J | 67 | | 112J | 64 | | 30-150 | 5 | | 30 | A |

| Surrogate | MS % Recovery | MS Qualifier | MSD % Recovery | MSD Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| DCAA | 49 | | 45 | | 30-150 | A |
| DCAA | 55 | | 53 | | 30-150 | B |

# METALS

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-01 Date Collected: 10/09/24 12:30

Client ID: TRENCH BASE @ 6' Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 6600 | | mg/kg | 8.56 | 2.31 | 2 | 10/18/24 00:20 | 10/18/24 11:19 | EPA 3050B | 1,6010D | DMC |
| Antimony, Total | ND | | mg/kg | 4.28 | 0.325 | 2 | 10/18/24 00:20 | 10/18/24 11:19 | EPA 3050B | 1,6010D | DMC |
| Arsenic, Total | 4.36 | | mg/kg | 0.856 | 0.178 | 2 | 10/18/24 00:20 | 10/18/24 11:19 | EPA 3050B | 1,6010D | DMC |
| Barium, Total | 91.3 | | mg/kg | 0.856 | 0.149 | 2 | 10/18/24 00:20 | 10/18/24 11:19 | EPA 3050B | 1,6010D | DMC |
| Beryllium, Total | 0.368 | J | mg/kg | 0.428 | 0.028 | 2 | 10/18/24 00:20 | 10/18/24 11:19 | EPA 3050B | 1,6010D | DMC |
| Cadmium, Total | ND | | mg/kg | 0.856 | 0.084 | 2 | 10/18/24 00:20 | 10/18/24 11:19 | EPA 3050B | 1,6010D | DMC |
| Calcium, Total | 88100 | | mg/kg | 17.1 | 6.00 | 4 | 10/18/24 00:20 | 10/18/24 12:06 | EPA 3050B | 1,6010D | DMC |
| Chromium, Total | 11.2 | | mg/kg | 0.856 | 0.082 | 2 | 10/18/24 00:20 | 10/18/24 11:19 | EPA 3050B | 1,6010D | DMC |
| Cobalt, Total | 6.32 | | mg/kg | 1.71 | 0.142 | 2 | 10/18/24 00:20 | 10/18/24 11:19 | EPA 3050B | 1,6010D | DMC |
| Copper, Total | 14.5 | | mg/kg | 0.856 | 0.221 | 2 | 10/18/24 00:20 | 10/18/24 11:19 | EPA 3050B | 1,6010D | DMC |
| Iron, Total | 15700 | | mg/kg | 4.28 | 0.773 | 2 | 10/18/24 00:20 | 10/18/24 11:19 | EPA 3050B | 1,6010D | DMC |
| Lead, Total | 9.25 | | mg/kg | 4.28 | 0.230 | 2 | 10/18/24 00:20 | 10/18/24 11:19 | EPA 3050B | 1,6010D | DMC |
| Magnesium, Total | 17700 | | mg/kg | 8.56 | 1.32 | 2 | 10/18/24 00:20 | 10/18/24 11:19 | EPA 3050B | 1,6010D | DMC |
| Manganese, Total | 526 | | mg/kg | 0.856 | 0.136 | 2 | 10/18/24 00:20 | 10/18/24 11:19 | EPA 3050B | 1,6010D | DMC |
| Mercury, Total | 0.059 | J | mg/kg | 0.070 | 0.046 | 1 | 10/18/24 01:25 | 10/18/24 11:27 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 13.6 | | mg/kg | 2.14 | 0.207 | 2 | 10/18/24 00:20 | 10/18/24 11:19 | EPA 3050B | 1,6010D | DMC |
| Potassium, Total | 679 | | mg/kg | 214 | 12.3 | 2 | 10/18/24 00:20 | 10/18/24 11:19 | EPA 3050B | 1,6010D | DMC |
| Selenium, Total | ND | | mg/kg | 1.71 | 0.221 | 2 | 10/18/24 00:20 | 10/18/24 11:19 | EPA 3050B | 1,6010D | DMC |
| Silver, Total | ND | | mg/kg | 0.428 | 0.242 | 2 | 10/18/24 00:20 | 10/18/24 11:19 | EPA 3050B | 1,6010D | DMC |
| Sodium, Total | 136 | J | mg/kg | 171 | 2.70 | 2 | 10/18/24 00:20 | 10/18/24 11:19 | EPA 3050B | 1,6010D | DMC |
| Thallium, Total | ND | | mg/kg | 1.71 | 0.270 | 2 | 10/18/24 00:20 | 10/18/24 11:19 | EPA 3050B | 1,6010D | DMC |
| Vanadium, Total | 16.1 | | mg/kg | 0.856 | 0.174 | 2 | 10/18/24 00:20 | 10/18/24 11:19 | EPA 3050B | 1,6010D | DMC |
| Zinc, Total | 62.1 | | mg/kg | 4.28 | 0.251 | 2 | 10/18/24 00:20 | 10/18/24 11:19 | EPA 3050B | 1,6010D | DMC |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-02 Date Collected: 10/09/24 12:30

Client ID: TRENCH BASE DUP @ 6' Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 7520 | | mg/kg | 9.27 | 2.50 | 2 | 10/18/24 00:20 | 10/18/24 11:35 | EPA 3050B | 1,6010D | DMC |
| Antimony, Total | ND | | mg/kg | 4.64 | 0.352 | 2 | 10/18/24 00:20 | 10/18/24 11:35 | EPA 3050B | 1,6010D | DMC |
| Arsenic, Total | 3.30 | | mg/kg | 0.927 | 0.193 | 2 | 10/18/24 00:20 | 10/18/24 11:35 | EPA 3050B | 1,6010D | DMC |
| Barium, Total | 98.3 | | mg/kg | 0.927 | 0.161 | 2 | 10/18/24 00:20 | 10/18/24 11:35 | EPA 3050B | 1,6010D | DMC |
| Beryllium, Total | 0.407 | J | mg/kg | 0.464 | 0.031 | 2 | 10/18/24 00:20 | 10/18/24 11:35 | EPA 3050B | 1,6010D | DMC |
| Cadmium, Total | ND | | mg/kg | 0.927 | 0.091 | 2 | 10/18/24 00:20 | 10/18/24 11:35 | EPA 3050B | 1,6010D | DMC |
| Calcium, Total | 69400 | | mg/kg | 9.27 | 3.24 | 2 | 10/18/24 00:20 | 10/18/24 11:35 | EPA 3050B | 1,6010D | DMC |
| Chromium, Total | 13.8 | | mg/kg | 0.927 | 0.089 | 2 | 10/18/24 00:20 | 10/18/24 11:35 | EPA 3050B | 1,6010D | DMC |
| Cobalt, Total | 6.83 | | mg/kg | 1.85 | 0.154 | 2 | 10/18/24 00:20 | 10/18/24 11:35 | EPA 3050B | 1,6010D | DMC |
| Copper, Total | 16.5 | | mg/kg | 0.927 | 0.239 | 2 | 10/18/24 00:20 | 10/18/24 11:35 | EPA 3050B | 1,6010D | DMC |
| Iron, Total | 18600 | | mg/kg | 4.64 | 0.837 | 2 | 10/18/24 00:20 | 10/18/24 11:35 | EPA 3050B | 1,6010D | DMC |
| Lead, Total | 19.0 | | mg/kg | 4.64 | 0.248 | 2 | 10/18/24 00:20 | 10/18/24 11:35 | EPA 3050B | 1,6010D | DMC |
| Magnesium, Total | 17000 | | mg/kg | 9.27 | 1.43 | 2 | 10/18/24 00:20 | 10/18/24 11:35 | EPA 3050B | 1,6010D | DMC |
| Manganese, Total | 560 | | mg/kg | 0.927 | 0.147 | 2 | 10/18/24 00:20 | 10/18/24 11:35 | EPA 3050B | 1,6010D | DMC |
| Mercury, Total | ND | | mg/kg | 0.078 | 0.051 | 1 | 10/18/24 01:25 | 10/18/24 11:30 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 15.6 | | mg/kg | 2.32 | 0.224 | 2 | 10/18/24 00:20 | 10/18/24 11:35 | EPA 3050B | 1,6010D | DMC |
| Potassium, Total | 752 | | mg/kg | 232 | 13.4 | 2 | 10/18/24 00:20 | 10/18/24 11:35 | EPA 3050B | 1,6010D | DMC |
| Selenium, Total | ND | | mg/kg | 1.85 | 0.239 | 2 | 10/18/24 00:20 | 10/18/24 11:35 | EPA 3050B | 1,6010D | DMC |
| Silver, Total | ND | | mg/kg | 0.464 | 0.262 | 2 | 10/18/24 00:20 | 10/18/24 11:35 | EPA 3050B | 1,6010D | DMC |
| Sodium, Total | 133 | J | mg/kg | 185 | 2.92 | 2 | 10/18/24 00:20 | 10/18/24 11:35 | EPA 3050B | 1,6010D | DMC |
| Thallium, Total | ND | | mg/kg | 1.85 | 0.292 | 2 | 10/18/24 00:20 | 10/18/24 11:35 | EPA 3050B | 1,6010D | DMC |
| Vanadium, Total | 17.6 | | mg/kg | 0.927 | 0.188 | 2 | 10/18/24 00:20 | 10/18/24 11:35 | EPA 3050B | 1,6010D | DMC |
| Zinc, Total | 70.1 | | mg/kg | 4.64 | 0.272 | 2 | 10/18/24 00:20 | 10/18/24 11:35 | EPA 3050B | 1,6010D | DMC |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-03 Date Collected: 10/09/24 13:00

Client ID: SOUTH SIDE @ 4'-A Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 6120 | | mg/kg | 8.61 | 2.32 | 2 | 10/18/24 00:20 | 10/18/24 11:39 | EPA 3050B | 1,6010D | DMC |
| Antimony, Total | ND | | mg/kg | 4.30 | 0.327 | 2 | 10/18/24 00:20 | 10/18/24 11:39 | EPA 3050B | 1,6010D | DMC |
| Arsenic, Total | 3.44 | | mg/kg | 0.861 | 0.179 | 2 | 10/18/24 00:20 | 10/18/24 11:39 | EPA 3050B | 1,6010D | DMC |
| Barium, Total | 68.5 | | mg/kg | 0.861 | 0.150 | 2 | 10/18/24 00:20 | 10/18/24 11:39 | EPA 3050B | 1,6010D | DMC |
| Beryllium, Total | 0.351 | J | mg/kg | 0.430 | 0.028 | 2 | 10/18/24 00:20 | 10/18/24 11:39 | EPA 3050B | 1,6010D | DMC |
| Cadmium, Total | ND | | mg/kg | 0.861 | 0.084 | 2 | 10/18/24 00:20 | 10/18/24 11:39 | EPA 3050B | 1,6010D | DMC |
| Calcium, Total | 55500 | | mg/kg | 8.61 | 3.01 | 2 | 10/18/24 00:20 | 10/18/24 11:39 | EPA 3050B | 1,6010D | DMC |
| Chromium, Total | 10.5 | | mg/kg | 0.861 | 0.083 | 2 | 10/18/24 00:20 | 10/18/24 11:39 | EPA 3050B | 1,6010D | DMC |
| Cobalt, Total | 6.46 | | mg/kg | 1.72 | 0.143 | 2 | 10/18/24 00:20 | 10/18/24 11:39 | EPA 3050B | 1,6010D | DMC |
| Copper, Total | 15.5 | | mg/kg | 0.861 | 0.222 | 2 | 10/18/24 00:20 | 10/18/24 11:39 | EPA 3050B | 1,6010D | DMC |
| Iron, Total | 15800 | | mg/kg | 4.30 | 0.777 | 2 | 10/18/24 00:20 | 10/18/24 11:39 | EPA 3050B | 1,6010D | DMC |
| Lead, Total | 10.6 | | mg/kg | 4.30 | 0.231 | 2 | 10/18/24 00:20 | 10/18/24 11:39 | EPA 3050B | 1,6010D | DMC |
| Magnesium, Total | 15900 | | mg/kg | 8.61 | 1.32 | 2 | 10/18/24 00:20 | 10/18/24 11:39 | EPA 3050B | 1,6010D | DMC |
| Manganese, Total | 496 | | mg/kg | 0.861 | 0.137 | 2 | 10/18/24 00:20 | 10/18/24 11:39 | EPA 3050B | 1,6010D | DMC |
| Mercury, Total | ND | | mg/kg | 0.079 | 0.052 | 1 | 10/18/24 01:25 | 10/18/24 11:33 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 13.4 | | mg/kg | 2.15 | 0.208 | 2 | 10/18/24 00:20 | 10/18/24 11:39 | EPA 3050B | 1,6010D | DMC |
| Potassium, Total | 537 | | mg/kg | 215 | 12.4 | 2 | 10/18/24 00:20 | 10/18/24 11:39 | EPA 3050B | 1,6010D | DMC |
| Selenium, Total | ND | | mg/kg | 1.72 | 0.222 | 2 | 10/18/24 00:20 | 10/18/24 11:39 | EPA 3050B | 1,6010D | DMC |
| Silver, Total | ND | | mg/kg | 0.430 | 0.244 | 2 | 10/18/24 00:20 | 10/18/24 11:39 | EPA 3050B | 1,6010D | DMC |
| Sodium, Total | 116 | J | mg/kg | 172 | 2.71 | 2 | 10/18/24 00:20 | 10/18/24 11:39 | EPA 3050B | 1,6010D | DMC |
| Thallium, Total | ND | | mg/kg | 1.72 | 0.271 | 2 | 10/18/24 00:20 | 10/18/24 11:39 | EPA 3050B | 1,6010D | DMC |
| Vanadium, Total | 16.9 | | mg/kg | 0.861 | 0.175 | 2 | 10/18/24 00:20 | 10/18/24 11:39 | EPA 3050B | 1,6010D | DMC |
| Zinc, Total | 57.3 | | mg/kg | 4.30 | 0.252 | 2 | 10/18/24 00:20 | 10/18/24 11:39 | EPA 3050B | 1,6010D | DMC |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-04 Date Collected: 10/09/24 13:30

Client ID: NORTH SIDE @ 4'-A Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 7360 | | mg/kg | 8.43 | 2.28 | 2 | 10/18/24 00:20 | 10/18/24 11:43 | EPA 3050B | 1,6010D | DMC |
| Antimony, Total | 0.392 | J | mg/kg | 4.21 | 0.320 | 2 | 10/18/24 00:20 | 10/18/24 11:43 | EPA 3050B | 1,6010D | DMC |
| Arsenic, Total | 2.92 | | mg/kg | 0.843 | 0.175 | 2 | 10/18/24 00:20 | 10/18/24 11:43 | EPA 3050B | 1,6010D | DMC |
| Barium, Total | 82.0 | | mg/kg | 0.843 | 0.147 | 2 | 10/18/24 00:20 | 10/18/24 11:43 | EPA 3050B | 1,6010D | DMC |
| Beryllium, Total | 0.404 | J | mg/kg | 0.421 | 0.028 | 2 | 10/18/24 00:20 | 10/18/24 11:43 | EPA 3050B | 1,6010D | DMC |
| Cadmium, Total | ND | | mg/kg | 0.843 | 0.083 | 2 | 10/18/24 00:20 | 10/18/24 11:43 | EPA 3050B | 1,6010D | DMC |
| Calcium, Total | 61600 | | mg/kg | 8.43 | 2.95 | 2 | 10/18/24 00:20 | 10/18/24 11:43 | EPA 3050B | 1,6010D | DMC |
| Chromium, Total | 12.9 | | mg/kg | 0.843 | 0.081 | 2 | 10/18/24 00:20 | 10/18/24 11:43 | EPA 3050B | 1,6010D | DMC |
| Cobalt, Total | 7.14 | | mg/kg | 1.68 | 0.140 | 2 | 10/18/24 00:20 | 10/18/24 11:43 | EPA 3050B | 1,6010D | DMC |
| Copper, Total | 16.4 | | mg/kg | 0.843 | 0.217 | 2 | 10/18/24 00:20 | 10/18/24 11:43 | EPA 3050B | 1,6010D | DMC |
| Iron, Total | 15400 | | mg/kg | 4.21 | 0.761 | 2 | 10/18/24 00:20 | 10/18/24 11:43 | EPA 3050B | 1,6010D | DMC |
| Lead, Total | 9.47 | | mg/kg | 4.21 | 0.226 | 2 | 10/18/24 00:20 | 10/18/24 11:43 | EPA 3050B | 1,6010D | DMC |
| Magnesium, Total | 16200 | | mg/kg | 8.43 | 1.30 | 2 | 10/18/24 00:20 | 10/18/24 11:43 | EPA 3050B | 1,6010D | DMC |
| Manganese, Total | 464 | | mg/kg | 0.843 | 0.134 | 2 | 10/18/24 00:20 | 10/18/24 11:43 | EPA 3050B | 1,6010D | DMC |
| Mercury, Total | ND | | mg/kg | 0.075 | 0.049 | 1 | 10/18/24 01:25 | 10/18/24 11:37 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 15.5 | | mg/kg | 2.11 | 0.204 | 2 | 10/18/24 00:20 | 10/18/24 11:43 | EPA 3050B | 1,6010D | DMC |
| Potassium, Total | 618 | | mg/kg | 211 | 12.1 | 2 | 10/18/24 00:20 | 10/18/24 11:43 | EPA 3050B | 1,6010D | DMC |
| Selenium, Total | ND | | mg/kg | 1.68 | 0.217 | 2 | 10/18/24 00:20 | 10/18/24 11:43 | EPA 3050B | 1,6010D | DMC |
| Silver, Total | ND | | mg/kg | 0.421 | 0.238 | 2 | 10/18/24 00:20 | 10/18/24 11:43 | EPA 3050B | 1,6010D | DMC |
| Sodium, Total | 135 | J | mg/kg | 168 | 2.65 | 2 | 10/18/24 00:20 | 10/18/24 11:43 | EPA 3050B | 1,6010D | DMC |
| Thallium, Total | ND | | mg/kg | 1.68 | 0.265 | 2 | 10/18/24 00:20 | 10/18/24 11:43 | EPA 3050B | 1,6010D | DMC |
| Vanadium, Total | 16.0 | | mg/kg | 0.843 | 0.171 | 2 | 10/18/24 00:20 | 10/18/24 11:43 | EPA 3050B | 1,6010D | DMC |
| Zinc, Total | 76.4 | | mg/kg | 4.21 | 0.247 | 2 | 10/18/24 00:20 | 10/18/24 11:43 | EPA 3050B | 1,6010D | DMC |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-05 Date Collected: 10/09/24 14:00

Client ID: SOUTH SIDE @ 4'-B Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 5870 | | mg/kg | 9.06 | 2.45 | 2 | 10/18/24 00:20 | 10/18/24 11:47 | EPA 3050B | 1,6010D | DMC |
| Antimony, Total | ND | | mg/kg | 4.53 | 0.344 | 2 | 10/18/24 00:20 | 10/18/24 11:47 | EPA 3050B | 1,6010D | DMC |
| Arsenic, Total | 4.25 | | mg/kg | 0.906 | 0.188 | 2 | 10/18/24 00:20 | 10/18/24 11:47 | EPA 3050B | 1,6010D | DMC |
| Barium, Total | 78.8 | | mg/kg | 0.906 | 0.158 | 2 | 10/18/24 00:20 | 10/18/24 11:47 | EPA 3050B | 1,6010D | DMC |
| Beryllium, Total | 0.353 | J | mg/kg | 0.453 | 0.030 | 2 | 10/18/24 00:20 | 10/18/24 11:47 | EPA 3050B | 1,6010D | DMC |
| Cadmium, Total | ND | | mg/kg | 0.906 | 0.089 | 2 | 10/18/24 00:20 | 10/18/24 11:47 | EPA 3050B | 1,6010D | DMC |
| Calcium, Total | 121000 | | mg/kg | 18.1 | 6.34 | 4 | 10/18/24 00:20 | 10/18/24 15:10 | EPA 3050B | 1,6010D | DMC |
| Chromium, Total | 19.0 | | mg/kg | 0.906 | 0.087 | 2 | 10/18/24 00:20 | 10/18/24 11:47 | EPA 3050B | 1,6010D | DMC |
| Cobalt, Total | 6.30 | | mg/kg | 1.81 | 0.150 | 2 | 10/18/24 00:20 | 10/18/24 11:47 | EPA 3050B | 1,6010D | DMC |
| Copper, Total | 16.4 | | mg/kg | 0.906 | 0.234 | 2 | 10/18/24 00:20 | 10/18/24 11:47 | EPA 3050B | 1,6010D | DMC |
| Iron, Total | 12800 | | mg/kg | 4.53 | 0.818 | 2 | 10/18/24 00:20 | 10/18/24 11:47 | EPA 3050B | 1,6010D | DMC |
| Lead, Total | 60.5 | | mg/kg | 4.53 | 0.243 | 2 | 10/18/24 00:20 | 10/18/24 11:47 | EPA 3050B | 1,6010D | DMC |
| Magnesium, Total | 19600 | | mg/kg | 9.06 | 1.40 | 2 | 10/18/24 00:20 | 10/18/24 11:47 | EPA 3050B | 1,6010D | DMC |
| Manganese, Total | 628 | | mg/kg | 0.906 | 0.144 | 2 | 10/18/24 00:20 | 10/18/24 11:47 | EPA 3050B | 1,6010D | DMC |
| Mercury, Total | 0.789 | | mg/kg | 0.071 | 0.047 | 1 | 10/18/24 01:25 | 10/18/24 11:40 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 12.4 | | mg/kg | 2.26 | 0.219 | 2 | 10/18/24 00:20 | 10/18/24 11:47 | EPA 3050B | 1,6010D | DMC |
| Potassium, Total | 642 | | mg/kg | 226 | 13.0 | 2 | 10/18/24 00:20 | 10/18/24 11:47 | EPA 3050B | 1,6010D | DMC |
| Selenium, Total | ND | | mg/kg | 1.81 | 0.234 | 2 | 10/18/24 00:20 | 10/18/24 11:47 | EPA 3050B | 1,6010D | DMC |
| Silver, Total | ND | | mg/kg | 0.453 | 0.256 | 2 | 10/18/24 00:20 | 10/18/24 11:47 | EPA 3050B | 1,6010D | DMC |
| Sodium, Total | 144 | J | mg/kg | 181 | 2.86 | 2 | 10/18/24 00:20 | 10/18/24 11:47 | EPA 3050B | 1,6010D | DMC |
| Thallium, Total | ND | | mg/kg | 1.81 | 0.286 | 2 | 10/18/24 00:20 | 10/18/24 11:47 | EPA 3050B | 1,6010D | DMC |
| Vanadium, Total | 13.8 | | mg/kg | 0.906 | 0.184 | 2 | 10/18/24 00:20 | 10/18/24 11:47 | EPA 3050B | 1,6010D | DMC |
| Zinc, Total | 51.3 | | mg/kg | 4.53 | 0.266 | 2 | 10/18/24 00:20 | 10/18/24 11:47 | EPA 3050B | 1,6010D | DMC |

**Project Name:** BISONITE PAINT COMPANY
**Lab Number:** L2459257
**Project Number:** 100.002
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-06
Client ID: NORTH SIDE @ 4'-B
Sample Location: 2266 MILITARY RD.
Date Collected: 10/09/24 14:30
Date Received: 10/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 6450 | | mg/kg | 8.29 | 2.24 | 2 | 10/18/24 00:20 | 10/18/24 10:16 | EPA 3050B | 1,6010D | DMC |
| Antimony, Total | ND | | mg/kg | 4.14 | 0.315 | 2 | 10/18/24 00:20 | 10/18/24 10:16 | EPA 3050B | 1,6010D | DMC |
| Arsenic, Total | 3.26 | | mg/kg | 0.829 | 0.172 | 2 | 10/18/24 00:20 | 10/18/24 10:16 | EPA 3050B | 1,6010D | DMC |
| Barium, Total | 65.0 | | mg/kg | 0.829 | 0.144 | 2 | 10/18/24 00:20 | 10/18/24 10:16 | EPA 3050B | 1,6010D | DMC |
| Beryllium, Total | 0.382 | J | mg/kg | 0.414 | 0.027 | 2 | 10/18/24 00:20 | 10/18/24 10:16 | EPA 3050B | 1,6010D | DMC |
| Cadmium, Total | ND | | mg/kg | 0.829 | 0.081 | 2 | 10/18/24 00:20 | 10/18/24 10:16 | EPA 3050B | 1,6010D | DMC |
| Calcium, Total | 65800 | | mg/kg | 8.29 | 2.90 | 2 | 10/18/24 00:20 | 10/18/24 10:16 | EPA 3050B | 1,6010D | DMC |
| Chromium, Total | 11.3 | | mg/kg | 0.829 | 0.080 | 2 | 10/18/24 00:20 | 10/18/24 10:16 | EPA 3050B | 1,6010D | DMC |
| Cobalt, Total | 6.15 | | mg/kg | 1.66 | 0.138 | 2 | 10/18/24 00:20 | 10/18/24 10:16 | EPA 3050B | 1,6010D | DMC |
| Copper, Total | 15.9 | | mg/kg | 0.829 | 0.214 | 2 | 10/18/24 00:20 | 10/18/24 10:16 | EPA 3050B | 1,6010D | DMC |
| Iron, Total | 16400 | | mg/kg | 4.14 | 0.749 | 2 | 10/18/24 00:20 | 10/18/24 10:16 | EPA 3050B | 1,6010D | DMC |
| Lead, Total | 11.8 | | mg/kg | 4.14 | 0.222 | 2 | 10/18/24 00:20 | 10/18/24 10:16 | EPA 3050B | 1,6010D | DMC |
| Magnesium, Total | 18000 | | mg/kg | 8.29 | 1.28 | 2 | 10/18/24 00:20 | 10/18/24 10:16 | EPA 3050B | 1,6010D | DMC |
| Manganese, Total | 510 | | mg/kg | 0.829 | 0.132 | 2 | 10/18/24 00:20 | 10/18/24 10:16 | EPA 3050B | 1,6010D | DMC |
| Mercury, Total | 0.061 | J | mg/kg | 0.071 | 0.046 | 1 | 10/18/24 01:25 | 10/18/24 10:27 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 13.7 | | mg/kg | 2.07 | 0.201 | 2 | 10/18/24 00:20 | 10/18/24 10:16 | EPA 3050B | 1,6010D | DMC |
| Potassium, Total | 633 | | mg/kg | 207 | 11.9 | 2 | 10/18/24 00:20 | 10/18/24 10:16 | EPA 3050B | 1,6010D | DMC |
| Selenium, Total | ND | | mg/kg | 1.66 | 0.214 | 2 | 10/18/24 00:20 | 10/18/24 10:16 | EPA 3050B | 1,6010D | DMC |
| Silver, Total | ND | | mg/kg | 0.414 | 0.235 | 2 | 10/18/24 00:20 | 10/18/24 10:16 | EPA 3050B | 1,6010D | DMC |
| Sodium, Total | 120 | J | mg/kg | 166 | 2.61 | 2 | 10/18/24 00:20 | 10/18/24 10:16 | EPA 3050B | 1,6010D | DMC |
| Thallium, Total | ND | | mg/kg | 1.66 | 0.261 | 2 | 10/18/24 00:20 | 10/18/24 10:16 | EPA 3050B | 1,6010D | DMC |
| Vanadium, Total | 17.2 | | mg/kg | 0.829 | 0.168 | 2 | 10/18/24 00:20 | 10/18/24 10:16 | EPA 3050B | 1,6010D | DMC |
| Zinc, Total | 56.8 | | mg/kg | 4.14 | 0.243 | 2 | 10/18/24 00:20 | 10/18/24 10:16 | EPA 3050B | 1,6010D | DMC |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-08 Date Collected: 10/09/24 15:30

Client ID: RINSE BLANK Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

Matrix: Water

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 0.0104 | | mg/l | 0.0100 | 0.00327 | 1 | 10/17/24 16:26 | 10/21/24 18:33 | EPA 3005A | 1,6020B | WKP |
| Antimony, Total | 0.00174 | J | mg/l | 0.00400 | 0.00042 | 1 | 10/17/24 16:26 | 10/21/24 18:33 | EPA 3005A | 1,6020B | WKP |
| Arsenic, Total | ND | | mg/l | 0.00050 | 0.00016 | 1 | 10/17/24 16:26 | 10/21/24 18:33 | EPA 3005A | 1,6020B | WKP |
| Barium, Total | 0.00018 | J | mg/l | 0.00050 | 0.00017 | 1 | 10/17/24 16:26 | 10/21/24 18:33 | EPA 3005A | 1,6020B | WKP |
| Beryllium, Total | ND | | mg/l | 0.00050 | 0.00010 | 1 | 10/17/24 16:26 | 10/21/24 18:33 | EPA 3005A | 1,6020B | WKP |
| Cadmium, Total | ND | | mg/l | 0.00020 | 0.00005 | 1 | 10/17/24 16:26 | 10/21/24 18:33 | EPA 3005A | 1,6020B | WKP |
| Calcium, Total | 0.176 | | mg/l | 0.100 | 0.0394 | 1 | 10/17/24 16:26 | 10/21/24 18:33 | EPA 3005A | 1,6020B | WKP |
| Chromium, Total | 0.00032 | J | mg/l | 0.00100 | 0.00017 | 1 | 10/17/24 16:26 | 10/21/24 18:33 | EPA 3005A | 1,6020B | WKP |
| Cobalt, Total | ND | | mg/l | 0.00050 | 0.00016 | 1 | 10/17/24 16:26 | 10/21/24 18:33 | EPA 3005A | 1,6020B | WKP |
| Copper, Total | ND | | mg/l | 0.00100 | 0.00038 | 1 | 10/17/24 16:26 | 10/21/24 18:33 | EPA 3005A | 1,6020B | WKP |
| Iron, Total | 0.0878 | | mg/l | 0.0500 | 0.0191 | 1 | 10/17/24 16:26 | 10/21/24 18:33 | EPA 3005A | 1,6020B | WKP |
| Lead, Total | 0.00057 | J | mg/l | 0.00100 | 0.00034 | 1 | 10/17/24 16:26 | 10/21/24 18:33 | EPA 3005A | 1,6020B | WKP |
| Magnesium, Total | ND | | mg/l | 0.0700 | 0.0242 | 1 | 10/17/24 16:26 | 10/21/24 18:33 | EPA 3005A | 1,6020B | WKP |
| Manganese, Total | 0.00117 | | mg/l | 0.00100 | 0.00044 | 1 | 10/17/24 16:26 | 10/21/24 18:33 | EPA 3005A | 1,6020B | WKP |
| Mercury, Total | ND | | mg/l | 0.00020 | 0.00009 | 1 | 10/17/24 17:15 | 10/21/24 09:32 | EPA 7470A | 1,7470A | MJR |
| Nickel, Total | ND | | mg/l | 0.00200 | 0.00055 | 1 | 10/17/24 16:26 | 10/21/24 18:33 | EPA 3005A | 1,6020B | WKP |
| Potassium, Total | ND | | mg/l | 0.100 | 0.0309 | 1 | 10/17/24 16:26 | 10/21/24 18:33 | EPA 3005A | 1,6020B | WKP |
| Selenium, Total | ND | | mg/l | 0.00500 | 0.00173 | 1 | 10/17/24 16:26 | 10/21/24 18:33 | EPA 3005A | 1,6020B | WKP |
| Silver, Total | ND | | mg/l | 0.00040 | 0.00016 | 1 | 10/17/24 16:26 | 10/21/24 18:33 | EPA 3005A | 1,6020B | WKP |
| Sodium, Total | ND | | mg/l | 0.100 | 0.0293 | 1 | 10/17/24 16:26 | 10/21/24 18:33 | EPA 3005A | 1,6020B | WKP |
| Thallium, Total | ND | | mg/l | 0.00100 | 0.00014 | 1 | 10/17/24 16:26 | 10/21/24 18:33 | EPA 3005A | 1,6020B | WKP |
| Vanadium, Total | ND | | mg/l | 0.00500 | 0.00157 | 1 | 10/17/24 16:26 | 10/21/24 18:33 | EPA 3005A | 1,6020B | WKP |
| Zinc, Total | ND | | mg/l | 0.01000 | 0.00341 | 1 | 10/17/24 16:26 | 10/21/24 18:33 | EPA 3005A | 1,6020B | WKP |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-09 Date Collected: 10/10/24 12:30

Client ID: SOUTH SIDE @ 3'-C Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 7080 | | mg/kg | 8.81 | 2.38 | 2 | 10/18/24 00:20 | 10/18/24 11:51 | EPA 3050B | 1,6010D | DMC |
| Antimony, Total | ND | | mg/kg | 4.41 | 0.335 | 2 | 10/18/24 00:20 | 10/18/24 11:51 | EPA 3050B | 1,6010D | DMC |
| Arsenic, Total | 3.46 | | mg/kg | 0.881 | 0.183 | 2 | 10/18/24 00:20 | 10/18/24 11:51 | EPA 3050B | 1,6010D | DMC |
| Barium, Total | 73.9 | | mg/kg | 0.881 | 0.153 | 2 | 10/18/24 00:20 | 10/18/24 11:51 | EPA 3050B | 1,6010D | DMC |
| Beryllium, Total | 0.416 | J | mg/kg | 0.441 | 0.029 | 2 | 10/18/24 00:20 | 10/18/24 11:51 | EPA 3050B | 1,6010D | DMC |
| Cadmium, Total | 0.185 | J | mg/kg | 0.881 | 0.086 | 2 | 10/18/24 00:20 | 10/18/24 11:51 | EPA 3050B | 1,6010D | DMC |
| Calcium, Total | 80300 | | mg/kg | 8.81 | 3.08 | 2 | 10/18/24 00:20 | 10/18/24 11:51 | EPA 3050B | 1,6010D | DMC |
| Chromium, Total | 11.7 | | mg/kg | 0.881 | 0.085 | 2 | 10/18/24 00:20 | 10/18/24 11:51 | EPA 3050B | 1,6010D | DMC |
| Cobalt, Total | 7.07 | | mg/kg | 1.76 | 0.146 | 2 | 10/18/24 00:20 | 10/18/24 11:51 | EPA 3050B | 1,6010D | DMC |
| Copper, Total | 20.1 | | mg/kg | 0.881 | 0.227 | 2 | 10/18/24 00:20 | 10/18/24 11:51 | EPA 3050B | 1,6010D | DMC |
| Iron, Total | 18200 | | mg/kg | 4.41 | 0.796 | 2 | 10/18/24 00:20 | 10/18/24 11:51 | EPA 3050B | 1,6010D | DMC |
| Lead, Total | 10.5 | | mg/kg | 4.41 | 0.236 | 2 | 10/18/24 00:20 | 10/18/24 11:51 | EPA 3050B | 1,6010D | DMC |
| Magnesium, Total | 19000 | | mg/kg | 8.81 | 1.36 | 2 | 10/18/24 00:20 | 10/18/24 11:51 | EPA 3050B | 1,6010D | DMC |
| Manganese, Total | 567 | | mg/kg | 0.881 | 0.140 | 2 | 10/18/24 00:20 | 10/18/24 11:51 | EPA 3050B | 1,6010D | DMC |
| Mercury, Total | ND | | mg/kg | 0.076 | 0.050 | 1 | 10/18/24 01:25 | 10/18/24 11:43 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 14.7 | | mg/kg | 2.20 | 0.213 | 2 | 10/18/24 00:20 | 10/18/24 11:51 | EPA 3050B | 1,6010D | DMC |
| Potassium, Total | 715 | | mg/kg | 220 | 12.7 | 2 | 10/18/24 00:20 | 10/18/24 11:51 | EPA 3050B | 1,6010D | DMC |
| Selenium, Total | ND | | mg/kg | 1.76 | 0.227 | 2 | 10/18/24 00:20 | 10/18/24 11:51 | EPA 3050B | 1,6010D | DMC |
| Silver, Total | ND | | mg/kg | 0.441 | 0.249 | 2 | 10/18/24 00:20 | 10/18/24 11:51 | EPA 3050B | 1,6010D | DMC |
| Sodium, Total | 132 | J | mg/kg | 176 | 2.78 | 2 | 10/18/24 00:20 | 10/18/24 11:51 | EPA 3050B | 1,6010D | DMC |
| Thallium, Total | ND | | mg/kg | 1.76 | 0.278 | 2 | 10/18/24 00:20 | 10/18/24 11:51 | EPA 3050B | 1,6010D | DMC |
| Vanadium, Total | 18.8 | | mg/kg | 0.881 | 0.179 | 2 | 10/18/24 00:20 | 10/18/24 11:51 | EPA 3050B | 1,6010D | DMC |
| Zinc, Total | 89.6 | | mg/kg | 4.41 | 0.258 | 2 | 10/18/24 00:20 | 10/18/24 11:51 | EPA 3050B | 1,6010D | DMC |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-10 Date Collected: 10/10/24 13:00

Client ID: NORTH SIDE @ 3'-C Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 7640 | | mg/kg | 8.85 | 2.39 | 2 | 10/18/24 00:20 | 10/18/24 11:55 | EPA 3050B | 1,6010D | DMC |
| Antimony, Total | ND | | mg/kg | 4.42 | 0.336 | 2 | 10/18/24 00:20 | 10/18/24 11:55 | EPA 3050B | 1,6010D | DMC |
| Arsenic, Total | 3.58 | | mg/kg | 0.885 | 0.184 | 2 | 10/18/24 00:20 | 10/18/24 11:55 | EPA 3050B | 1,6010D | DMC |
| Barium, Total | 89.5 | | mg/kg | 0.885 | 0.154 | 2 | 10/18/24 00:20 | 10/18/24 11:55 | EPA 3050B | 1,6010D | DMC |
| Beryllium, Total | 0.447 | | mg/kg | 0.442 | 0.029 | 2 | 10/18/24 00:20 | 10/18/24 11:55 | EPA 3050B | 1,6010D | DMC |
| Cadmium, Total | ND | | mg/kg | 0.885 | 0.087 | 2 | 10/18/24 00:20 | 10/18/24 11:55 | EPA 3050B | 1,6010D | DMC |
| Calcium, Total | 74100 | | mg/kg | 8.85 | 3.10 | 2 | 10/18/24 00:20 | 10/18/24 11:55 | EPA 3050B | 1,6010D | DMC |
| Chromium, Total | 12.0 | | mg/kg | 0.885 | 0.085 | 2 | 10/18/24 00:20 | 10/18/24 11:55 | EPA 3050B | 1,6010D | DMC |
| Cobalt, Total | 7.36 | | mg/kg | 1.77 | 0.147 | 2 | 10/18/24 00:20 | 10/18/24 11:55 | EPA 3050B | 1,6010D | DMC |
| Copper, Total | 18.2 | | mg/kg | 0.885 | 0.228 | 2 | 10/18/24 00:20 | 10/18/24 11:55 | EPA 3050B | 1,6010D | DMC |
| Iron, Total | 17100 | | mg/kg | 4.42 | 0.799 | 2 | 10/18/24 00:20 | 10/18/24 11:55 | EPA 3050B | 1,6010D | DMC |
| Lead, Total | 10.6 | | mg/kg | 4.42 | 0.237 | 2 | 10/18/24 00:20 | 10/18/24 11:55 | EPA 3050B | 1,6010D | DMC |
| Magnesium, Total | 15900 | | mg/kg | 8.85 | 1.36 | 2 | 10/18/24 00:20 | 10/18/24 11:55 | EPA 3050B | 1,6010D | DMC |
| Manganese, Total | 543 | | mg/kg | 0.885 | 0.141 | 2 | 10/18/24 00:20 | 10/18/24 11:55 | EPA 3050B | 1,6010D | DMC |
| Mercury, Total | ND | | mg/kg | 0.071 | 0.046 | 1 | 10/18/24 01:25 | 10/18/24 11:53 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 15.5 | | mg/kg | 2.21 | 0.214 | 2 | 10/18/24 00:20 | 10/18/24 11:55 | EPA 3050B | 1,6010D | DMC |
| Potassium, Total | 703 | | mg/kg | 221 | 12.7 | 2 | 10/18/24 00:20 | 10/18/24 11:55 | EPA 3050B | 1,6010D | DMC |
| Selenium, Total | ND | | mg/kg | 1.77 | 0.228 | 2 | 10/18/24 00:20 | 10/18/24 11:55 | EPA 3050B | 1,6010D | DMC |
| Silver, Total | ND | | mg/kg | 0.442 | 0.250 | 2 | 10/18/24 00:20 | 10/18/24 11:55 | EPA 3050B | 1,6010D | DMC |
| Sodium, Total | 120 | J | mg/kg | 177 | 2.79 | 2 | 10/18/24 00:20 | 10/18/24 11:55 | EPA 3050B | 1,6010D | DMC |
| Thallium, Total | ND | | mg/kg | 1.77 | 0.279 | 2 | 10/18/24 00:20 | 10/18/24 11:55 | EPA 3050B | 1,6010D | DMC |
| Vanadium, Total | 19.2 | | mg/kg | 0.885 | 0.180 | 2 | 10/18/24 00:20 | 10/18/24 11:55 | EPA 3050B | 1,6010D | DMC |
| Zinc, Total | 75.1 | | mg/kg | 4.42 | 0.259 | 2 | 10/18/24 00:20 | 10/18/24 11:55 | EPA 3050B | 1,6010D | DMC |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-11 Date Collected: 10/10/24 13:30

Client ID: EAST WALL @ 3' Date Received: 10/11/24

Sample Location: 2266 MILITARY RD. Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 7710 | | mg/kg | 8.89 | 2.40 | 2 | 10/18/24 00:20 | 10/18/24 11:58 | EPA 3050B | 1,6010D | DMC |
| Antimony, Total | 5.54 | | mg/kg | 4.44 | 0.338 | 2 | 10/18/24 00:20 | 10/18/24 11:58 | EPA 3050B | 1,6010D | DMC |
| Arsenic, Total | 1.96 | | mg/kg | 0.889 | 0.185 | 2 | 10/18/24 00:20 | 10/18/24 11:58 | EPA 3050B | 1,6010D | DMC |
| Barium, Total | 392 | | mg/kg | 0.889 | 0.155 | 2 | 10/18/24 00:20 | 10/18/24 11:58 | EPA 3050B | 1,6010D | DMC |
| Beryllium, Total | 0.483 | | mg/kg | 0.444 | 0.029 | 2 | 10/18/24 00:20 | 10/18/24 11:58 | EPA 3050B | 1,6010D | DMC |
| Cadmium, Total | 0.649 | J | mg/kg | 0.889 | 0.087 | 2 | 10/18/24 00:20 | 10/18/24 11:58 | EPA 3050B | 1,6010D | DMC |
| Calcium, Total | 35500 | | mg/kg | 8.89 | 3.11 | 2 | 10/18/24 00:20 | 10/18/24 11:58 | EPA 3050B | 1,6010D | DMC |
| Chromium, Total | 424 | | mg/kg | 0.889 | 0.085 | 2 | 10/18/24 00:20 | 10/18/24 11:58 | EPA 3050B | 1,6010D | DMC |
| Cobalt, Total | 10.8 | | mg/kg | 1.78 | 0.148 | 2 | 10/18/24 00:20 | 10/18/24 11:58 | EPA 3050B | 1,6010D | DMC |
| Copper, Total | 58.5 | | mg/kg | 0.889 | 0.229 | 2 | 10/18/24 00:20 | 10/18/24 11:58 | EPA 3050B | 1,6010D | DMC |
| Iron, Total | 14700 | | mg/kg | 4.44 | 0.802 | 2 | 10/18/24 00:20 | 10/18/24 11:58 | EPA 3050B | 1,6010D | DMC |
| Lead, Total | 4230 | | mg/kg | 4.44 | 0.238 | 2 | 10/18/24 00:20 | 10/18/24 11:58 | EPA 3050B | 1,6010D | DMC |
| Magnesium, Total | 10400 | | mg/kg | 8.89 | 1.37 | 2 | 10/18/24 00:20 | 10/18/24 11:58 | EPA 3050B | 1,6010D | DMC |
| Manganese, Total | 349 | | mg/kg | 0.889 | 0.141 | 2 | 10/18/24 00:20 | 10/18/24 11:58 | EPA 3050B | 1,6010D | DMC |
| Mercury, Total | 7.95 | | mg/kg | 0.701 | 0.457 | 10 | 10/18/24 01:25 | 10/18/24 13:21 | EPA 7471B | 1,7471B | JWN |
| Nickel, Total | 11.5 | | mg/kg | 2.22 | 0.215 | 2 | 10/18/24 00:20 | 10/18/24 11:58 | EPA 3050B | 1,6010D | DMC |
| Potassium, Total | 658 | | mg/kg | 222 | 12.8 | 2 | 10/18/24 00:20 | 10/18/24 11:58 | EPA 3050B | 1,6010D | DMC |
| Selenium, Total | 0.379 | J | mg/kg | 1.78 | 0.229 | 2 | 10/18/24 00:20 | 10/18/24 11:58 | EPA 3050B | 1,6010D | DMC |
| Silver, Total | ND | | mg/kg | 0.444 | 0.251 | 2 | 10/18/24 00:20 | 10/18/24 11:58 | EPA 3050B | 1,6010D | DMC |
| Sodium, Total | 108 | J | mg/kg | 178 | 2.80 | 2 | 10/18/24 00:20 | 10/18/24 11:58 | EPA 3050B | 1,6010D | DMC |
| Thallium, Total | ND | | mg/kg | 1.78 | 0.280 | 2 | 10/18/24 00:20 | 10/18/24 11:58 | EPA 3050B | 1,6010D | DMC |
| Vanadium, Total | 14.3 | | mg/kg | 0.889 | 0.180 | 2 | 10/18/24 00:20 | 10/18/24 11:58 | EPA 3050B | 1,6010D | DMC |
| Zinc, Total | 1260 | | mg/kg | 4.44 | 0.260 | 2 | 10/18/24 00:20 | 10/18/24 11:58 | EPA 3050B | 1,6010D | DMC |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

# Method Blank Analysis
# Batch Quality Control

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab for sample(s): 01-06,09-11 Batch: WG1985102-1 | | | | | | | | | | |
| Aluminum, Total | ND | | mg/kg | 4.00 | 1.08 | 1 | 10/18/24 00:20 | 10/18/24 09:56 | 1,6010D | DMC |
| Antimony, Total | ND | | mg/kg | 2.00 | 0.152 | 1 | 10/18/24 00:20 | 10/18/24 09:56 | 1,6010D | DMC |
| Arsenic, Total | ND | | mg/kg | 0.400 | 0.083 | 1 | 10/18/24 00:20 | 10/18/24 09:56 | 1,6010D | DMC |
| Barium, Total | ND | | mg/kg | 0.400 | 0.070 | 1 | 10/18/24 00:20 | 10/18/24 09:56 | 1,6010D | DMC |
| Beryllium, Total | ND | | mg/kg | 0.200 | 0.013 | 1 | 10/18/24 00:20 | 10/18/24 09:56 | 1,6010D | DMC |
| Cadmium, Total | ND | | mg/kg | 0.400 | 0.039 | 1 | 10/18/24 00:20 | 10/18/24 09:56 | 1,6010D | DMC |
| Calcium, Total | ND | | mg/kg | 4.00 | 1.40 | 1 | 10/18/24 00:20 | 10/18/24 09:56 | 1,6010D | DMC |
| Chromium, Total | ND | | mg/kg | 0.400 | 0.038 | 1 | 10/18/24 00:20 | 10/18/24 09:56 | 1,6010D | DMC |
| Cobalt, Total | ND | | mg/kg | 0.800 | 0.066 | 1 | 10/18/24 00:20 | 10/18/24 09:56 | 1,6010D | DMC |
| Copper, Total | ND | | mg/kg | 0.400 | 0.103 | 1 | 10/18/24 00:20 | 10/18/24 09:56 | 1,6010D | DMC |
| Iron, Total | 0.700 | J | mg/kg | 2.00 | 0.361 | 1 | 10/18/24 00:20 | 10/18/24 09:56 | 1,6010D | DMC |
| Lead, Total | ND | | mg/kg | 2.00 | 0.107 | 1 | 10/18/24 00:20 | 10/18/24 09:56 | 1,6010D | DMC |
| Magnesium, Total | ND | | mg/kg | 4.00 | 0.616 | 1 | 10/18/24 00:20 | 10/18/24 09:56 | 1,6010D | DMC |
| Manganese, Total | ND | | mg/kg | 0.400 | 0.064 | 1 | 10/18/24 00:20 | 10/18/24 09:56 | 1,6010D | DMC |
| Nickel, Total | ND | | mg/kg | 1.00 | 0.097 | 1 | 10/18/24 00:20 | 10/18/24 09:56 | 1,6010D | DMC |
| Potassium, Total | ND | | mg/kg | 100 | 5.76 | 1 | 10/18/24 00:20 | 10/18/24 09:56 | 1,6010D | DMC |
| Selenium, Total | ND | | mg/kg | 0.800 | 0.103 | 1 | 10/18/24 00:20 | 10/18/24 09:56 | 1,6010D | DMC |
| Silver, Total | ND | | mg/kg | 0.200 | 0.113 | 1 | 10/18/24 00:20 | 10/18/24 09:56 | 1,6010D | DMC |
| Sodium, Total | ND | | mg/kg | 80.0 | 1.26 | 1 | 10/18/24 00:20 | 10/18/24 09:56 | 1,6010D | DMC |
| Thallium, Total | ND | | mg/kg | 0.800 | 0.126 | 1 | 10/18/24 00:20 | 10/18/24 09:56 | 1,6010D | DMC |
| Vanadium, Total | ND | | mg/kg | 0.400 | 0.081 | 1 | 10/18/24 00:20 | 10/18/24 09:56 | 1,6010D | DMC |
| Zinc, Total | ND | | mg/kg | 2.00 | 0.117 | 1 | 10/18/24 00:20 | 10/18/24 09:56 | 1,6010D | DMC |

**Prep Information**

Digestion Method: EPA 3050B

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab for sample(s): 01-06,09-11 Batch: WG1985105-1 | | | | | | | | | | |
| Mercury, Total | ND | | mg/kg | 0.083 | 0.054 | 1 | 10/18/24 01:25 | 10/18/24 10:14 | 1,7471B | JWN |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

# Method Blank Analysis
# Batch Quality Control

**Prep Information**

Digestion Method: EPA 7471B

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab for sample(s): 08 Batch: WG1985745-1 | | | | | | | | | | |
| Aluminum, Total | ND | | mg/l | 0.0100 | 0.00327 | 1 | 10/17/24 16:26 | 10/21/24 18:24 | 1,6020B | WKP |
| Antimony, Total | ND | | mg/l | 0.00400 | 0.00042 | 1 | 10/17/24 16:26 | 10/21/24 18:24 | 1,6020B | WKP |
| Arsenic, Total | ND | | mg/l | 0.00050 | 0.00016 | 1 | 10/17/24 16:26 | 10/21/24 18:24 | 1,6020B | WKP |
| Barium, Total | ND | | mg/l | 0.00050 | 0.00017 | 1 | 10/17/24 16:26 | 10/21/24 18:24 | 1,6020B | WKP |
| Beryllium, Total | ND | | mg/l | 0.00050 | 0.00010 | 1 | 10/17/24 16:26 | 10/21/24 18:24 | 1,6020B | WKP |
| Cadmium, Total | ND | | mg/l | 0.00020 | 0.00005 | 1 | 10/17/24 16:26 | 10/21/24 18:24 | 1,6020B | WKP |
| Calcium, Total | ND | | mg/l | 0.100 | 0.0394 | 1 | 10/17/24 16:26 | 10/21/24 18:24 | 1,6020B | WKP |
| Chromium, Total | ND | | mg/l | 0.00100 | 0.00017 | 1 | 10/17/24 16:26 | 10/21/24 18:24 | 1,6020B | WKP |
| Cobalt, Total | ND | | mg/l | 0.00050 | 0.00016 | 1 | 10/17/24 16:26 | 10/21/24 18:24 | 1,6020B | WKP |
| Copper, Total | ND | | mg/l | 0.00100 | 0.00038 | 1 | 10/17/24 16:26 | 10/21/24 18:24 | 1,6020B | WKP |
| Iron, Total | ND | | mg/l | 0.0500 | 0.0191 | 1 | 10/17/24 16:26 | 10/21/24 18:24 | 1,6020B | WKP |
| Lead, Total | ND | | mg/l | 0.00100 | 0.00034 | 1 | 10/17/24 16:26 | 10/21/24 18:24 | 1,6020B | WKP |
| Magnesium, Total | ND | | mg/l | 0.0700 | 0.0242 | 1 | 10/17/24 16:26 | 10/21/24 18:24 | 1,6020B | WKP |
| Manganese, Total | ND | | mg/l | 0.00100 | 0.00044 | 1 | 10/17/24 16:26 | 10/21/24 18:24 | 1,6020B | WKP |
| Nickel, Total | ND | | mg/l | 0.00200 | 0.00055 | 1 | 10/17/24 16:26 | 10/21/24 18:24 | 1,6020B | WKP |
| Potassium, Total | ND | | mg/l | 0.100 | 0.0309 | 1 | 10/17/24 16:26 | 10/21/24 18:24 | 1,6020B | WKP |
| Selenium, Total | ND | | mg/l | 0.00500 | 0.00173 | 1 | 10/17/24 16:26 | 10/21/24 18:24 | 1,6020B | WKP |
| Silver, Total | ND | | mg/l | 0.00040 | 0.00016 | 1 | 10/17/24 16:26 | 10/21/24 18:24 | 1,6020B | WKP |
| Sodium, Total | ND | | mg/l | 0.100 | 0.0293 | 1 | 10/17/24 16:26 | 10/21/24 18:24 | 1,6020B | WKP |
| Thallium, Total | ND | | mg/l | 0.00100 | 0.00014 | 1 | 10/17/24 16:26 | 10/21/24 18:24 | 1,6020B | WKP |
| Vanadium, Total | ND | | mg/l | 0.00500 | 0.00157 | 1 | 10/17/24 16:26 | 10/21/24 18:24 | 1,6020B | WKP |
| Zinc, Total | ND | | mg/l | 0.01000 | 0.00341 | 1 | 10/17/24 16:26 | 10/21/24 18:24 | 1,6020B | WKP |

**Prep Information**

Digestion Method: EPA 3005A

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

# Method Blank Analysis
# Batch Quality Control

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab for sample(s): 08 Batch: WG1985748-1 | | | | | | | | | | |
| Mercury, Total | ND | | mg/l | 0.00020 | 0.00009 | 1 | 10/17/24 17:15 | 10/21/24 09:15 | 1,7470A | MJR |

**Prep Information**

Digestion Method: EPA 7470A

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-06,09-11 Batch: WG1985102-2 | | | | | | | | |
| Aluminum, Total | 101 | | - | | 80-120 | - | | |
| Antimony, Total | 105 | | - | | 80-120 | - | | |
| Arsenic, Total | 101 | | - | | 80-120 | - | | |
| Barium, Total | 101 | | - | | 80-120 | - | | |
| Beryllium, Total | 106 | | - | | 80-120 | - | | |
| Cadmium, Total | 106 | | - | | 80-120 | - | | |
| Calcium, Total | 104 | | - | | 80-120 | - | | |
| Chromium, Total | 104 | | - | | 80-120 | - | | |
| Cobalt, Total | 104 | | - | | 80-120 | - | | |
| Copper, Total | 106 | | - | | 80-120 | - | | |
| Iron, Total | 106 | | - | | 80-120 | - | | |
| Lead, Total | 104 | | - | | 80-120 | - | | |
| Magnesium, Total | 104 | | - | | 80-120 | - | | |
| Manganese, Total | 104 | | - | | 80-120 | - | | |
| Nickel, Total | 105 | | - | | 80-120 | - | | |
| Potassium, Total | 103 | | - | | 80-120 | - | | |
| Selenium, Total | 105 | | - | | 80-120 | - | | |
| Silver, Total | 103 | | - | | 80-120 | - | | |
| Sodium, Total | 106 | | - | | 80-120 | - | | |
| Thallium, Total | 100 | | - | | 80-120 | - | | |
| Vanadium, Total | 106 | | - | | 80-120 | - | | |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | LCSD %Recovery | %Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-06,09-11 Batch: WG1985102-2 | | | | | |
| Zinc, Total | 106 | - | 80-120 | - | |
| Total Metals - Mansfield Lab Associated sample(s): 01-06,09-11 Batch: WG1985105-2 | | | | | |
| Mercury, Total | 101 | - | 80-120 | - | |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | LCSD %Recovery | %Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 08 Batch: WG1985745-2 | | | | | |
| Aluminum, Total | 102 | - | 80-120 | - | |
| Antimony, Total | 88 | - | 80-120 | - | |
| Arsenic, Total | 99 | - | 80-120 | - | |
| Barium, Total | 101 | - | 80-120 | - | |
| Beryllium, Total | 102 | - | 80-120 | - | |
| Cadmium, Total | 102 | - | 80-120 | - | |
| Calcium, Total | 108 | - | 80-120 | - | |
| Chromium, Total | 101 | - | 80-120 | - | |
| Cobalt, Total | 101 | - | 80-120 | - | |
| Copper, Total | 101 | - | 80-120 | - | |
| Iron, Total | 104 | - | 80-120 | - | |
| Lead, Total | 101 | - | 80-120 | - | |
| Magnesium, Total | 100 | - | 80-120 | - | |
| Manganese, Total | 103 | - | 80-120 | - | |
| Nickel, Total | 101 | - | 80-120 | - | |
| Potassium, Total | 102 | - | 80-120 | - | |
| Selenium, Total | 102 | - | 80-120 | - | |
| Silver, Total | 100 | - | 80-120 | - | |
| Sodium, Total | 99 | - | 80-120 | - | |
| Thallium, Total | 100 | - | 80-120 | - | |
| Vanadium, Total | 99 | - | 80-120 | - | |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | LCSD %Recovery | %Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 08 Batch: WG1985745-2 | | | | | |
| Zinc, Total | 103 | - | 80-120 | - | |
| Total Metals - Mansfield Lab Associated sample(s): 08 Batch: WG1985748-2 | | | | | |
| Mercury, Total | 88 | - | 80-120 | - | |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002

**Lab Number:** L2459257
**Report Date:** 10/22/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-06,09-11 QC Batch ID: WG1985102-3 WG1985102-4 QC Sample: L2459257-06 Client ID: NORTH SIDE @ 4'-B | | | | | | | | | | | | |
| Aluminum, Total | 6450 | 165 | 7400 | **577** | Q | 7110 | **395** | Q | 75-125 | 4 | | 20 |
| Antimony, Total | ND | 41.2 | 31.1 | 76 | | 32.5 | 78 | | 75-125 | 4 | | 20 |
| Arsenic, Total | 3.26 | 9.88 | 13.6 | 105 | | 13.6 | 103 | | 75-125 | 0 | | 20 |
| Barium, Total | 65.0 | 165 | 221 | 95 | | 226 | 96 | | 75-125 | 2 | | 20 |
| Beryllium, Total | 0.382J | 4.12 | 4.52 | 110 | | 4.58 | 110 | | 75-125 | 1 | | 20 |
| Cadmium, Total | ND | 4.36 | 3.64 | 83 | | 3.70 | 84 | | 75-125 | 2 | | 20 |
| Calcium, Total | 65800 | 823 | 64400 | **0** | Q | 72300 | **778** | Q | 75-125 | 12 | | 20 |
| Chromium, Total | 11.3 | 16.5 | 26.7 | 94 | | 26.5 | 91 | | 75-125 | 1 | | 20 |
| Cobalt, Total | 6.15 | 41.2 | 42.7 | 89 | | 42.7 | 88 | | 75-125 | 0 | | 20 |
| Copper, Total | 15.9 | 20.6 | 36.4 | 100 | | 36.6 | 99 | | 75-125 | 1 | | 20 |
| Iron, Total | 16400 | 82.3 | 17000 | **729** | Q | 16000 | **0** | Q | 75-125 | 6 | | 20 |
| Lead, Total | 11.8 | 43.6 | 54.0 | 97 | | 53.6 | 94 | | 75-125 | 1 | | 20 |
| Magnesium, Total | 18000 | 823 | 17000 | **0** | Q | 17300 | **0** | Q | 75-125 | 2 | | 20 |
| Manganese, Total | 510 | 41.2 | 534 | **58** | Q | 570 | **144** | Q | 75-125 | 7 | | 20 |
| Nickel, Total | 13.7 | 41.2 | 50.2 | 89 | | 50.1 | 87 | | 75-125 | 0 | | 20 |
| Potassium, Total | 633 | 823 | 1520 | 108 | | 1500 | 104 | | 75-125 | 1 | | 20 |
| Selenium, Total | ND | 9.88 | 9.62 | 97 | | 9.84 | 98 | | 75-125 | 2 | | 20 |
| Silver, Total | ND | 4.12 | 4.03 | 98 | | 4.14 | 99 | | 75-125 | 3 | | 20 |
| Sodium, Total | 120J | 823 | 992 | 120 | | 1010 | 121 | | 75-125 | 2 | | 20 |
| Thallium, Total | ND | 9.88 | 8.94 | 90 | | 9.02 | 90 | | 75-125 | 1 | | 20 |
| Vanadium, Total | 17.2 | 41.2 | 57.7 | 98 | | 57.4 | 96 | | 75-125 | 1 | | 20 |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002

**Lab Number:** L2459257
**Report Date:** 10/22/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | MSD Found | MSD %Recovery | Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-06,09-11 QC Batch ID: WG1985102-3 WG1985102-4 QC Sample: L2459257-06 Client ID: NORTH SIDE @ 4'-B | | | | | | | | | |
| Zinc, Total | 56.8 | 41.2 | 92.1 | 86 | 93.3 | 87 | 75-125 | 1 | 20 |
| Total Metals - Mansfield Lab Associated sample(s): 01-06,09-11 QC Batch ID: WG1985105-3 WG1985105-4 QC Sample: L2459257-06 Client ID: NORTH SIDE @ 4'-B | | | | | | | | | |
| Mercury, Total | 0.061J | 1.36 | 1.39 | 102 | 1.50 | 105 | 80-120 | 8 | 20 |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002

**Lab Number:** L2459257
**Report Date:** 10/22/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | MSD Found | MSD %Recovery | Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 08 QC Batch ID: WG1985745-3 QC Sample: L2459257-08 Client ID: RINSE BLANK | | | | | | | | | |
| Aluminum, Total | 0.0104 | 2 | 2.16 | 107 | - | - | 75-125 | - | 20 |
| Antimony, Total | 0.00174J | 0.5 | 0.3954 | 79 | - | - | 75-125 | - | 20 |
| Arsenic, Total | ND | 0.12 | 0.1159 | 96 | - | - | 75-125 | - | 20 |
| Barium, Total | 0.00018J | 2 | 2.106 | 105 | - | - | 75-125 | - | 20 |
| Beryllium, Total | ND | 0.05 | 0.05280 | 106 | - | - | 75-125 | - | 20 |
| Cadmium, Total | ND | 0.053 | 0.05500 | 104 | - | - | 75-125 | - | 20 |
| Calcium, Total | 0.176 | 10 | 11.0 | 108 | - | - | 75-125 | - | 20 |
| Chromium, Total | 0.00032J | 0.2 | 0.2057 | 103 | - | - | 75-125 | - | 20 |
| Cobalt, Total | ND | 0.5 | 0.5152 | 103 | - | - | 75-125 | - | 20 |
| Copper, Total | ND | 0.25 | 0.2605 | 104 | - | - | 75-125 | - | 20 |
| Iron, Total | 0.0878 | 1 | 1.14 | 105 | - | - | 75-125 | - | 20 |
| Lead, Total | 0.00057J | 0.53 | 0.5531 | 104 | - | - | 75-125 | - | 20 |
| Magnesium, Total | ND | 10 | 10.1 | 101 | - | - | 75-125 | - | 20 |
| Manganese, Total | 0.00117 | 0.5 | 0.5284 | 105 | - | - | 75-125 | - | 20 |
| Nickel, Total | ND | 0.5 | 0.5214 | 104 | - | - | 75-125 | - | 20 |
| Potassium, Total | ND | 10 | 10.4 | 104 | - | - | 75-125 | - | 20 |
| Selenium, Total | ND | 0.12 | 0.127 | 106 | - | - | 75-125 | - | 20 |
| Silver, Total | ND | 0.05 | 0.05102 | 102 | - | - | 75-125 | - | 20 |
| Sodium, Total | ND | 10 | 10.0 | 100 | - | - | 75-125 | - | 20 |
| Thallium, Total | ND | 0.12 | 0.1228 | 102 | - | - | 75-125 | - | 20 |
| Vanadium, Total | ND | 0.5 | 0.5092 | 102 | - | - | 75-125 | - | 20 |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002

**Lab Number:** L2459257
**Report Date:** 10/22/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | MSD Found | MSD %Recovery | Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 08 QC Batch ID: WG1985745-3 QC Sample: L2459257-08 Client ID: RINSE BLANK | | | | | | | | | |
| Zinc, Total | ND | 0.5 | 0.5218 | 104 | - | - | 75-125 | - | 20 |
| Total Metals - Mansfield Lab Associated sample(s): 08 QC Batch ID: WG1985748-3 QC Sample: L2459328-01 Client ID: MS Sample | | | | | | | | | |
| Mercury, Total | ND | 0.005 | 0.00454 | 91 | - | - | 75-125 | - | 20 |

# Lab Duplicate Analysis

***Batch Quality Control***

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

***Lab Number:*** L2459257

***Report Date:*** 10/22/24

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 08 QC Batch ID: WG1985745-4 QC Sample: L2459257-08 Client ID: RINSE BLANK | | | | | | |
| Aluminum, Total | 0.0104 | 0.0112 | mg/l | 7 | | 20 |
| Antimony, Total | 0.00174J | 0.00223J | mg/l | NC | | 20 |
| Arsenic, Total | ND | ND | mg/l | NC | | 20 |
| Barium, Total | 0.00018J | 0.00023J | mg/l | NC | | 20 |
| Beryllium, Total | ND | ND | mg/l | NC | | 20 |
| Cadmium, Total | ND | ND | mg/l | NC | | 20 |
| Calcium, Total | 0.176 | 0.175 | mg/l | 1 | | 20 |
| Chromium, Total | 0.00032J | 0.00043J | mg/l | NC | | 20 |
| Cobalt, Total | ND | ND | mg/l | NC | | 20 |
| Copper, Total | ND | 0.00143 | mg/l | NC | | 20 |
| Iron, Total | 0.0878 | 0.110 | mg/l | **22** | Q | 20 |
| Lead, Total | 0.00057J | 0.00065J | mg/l | NC | | 20 |
| Magnesium, Total | ND | ND | mg/l | NC | | 20 |
| Manganese, Total | 0.00117 | 0.00149 | mg/l | **24** | Q | 20 |
| Nickel, Total | ND | ND | mg/l | NC | | 20 |
| Potassium, Total | ND | ND | mg/l | NC | | 20 |
| Selenium, Total | ND | ND | mg/l | NC | | 20 |
| Silver, Total | ND | ND | mg/l | NC | | 20 |
| Sodium, Total | ND | ND | mg/l | NC | | 20 |

# Lab Duplicate Analysis

*Batch Quality Control*

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

***Lab Number:*** L2459257

***Report Date:*** 10/22/24

| Parameter | Native Sample | Duplicate Sample | Units | RPD | RPD Limits |
|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 08 QC Batch ID: WG1985745-4 QC Sample: L2459257-08 Client ID: RINSE BLANK | | | | | |
| Thallium, Total | ND | ND | mg/l | NC | 20 |
| Vanadium, Total | ND | ND | mg/l | NC | 20 |
| Zinc, Total | ND | ND | mg/l | NC | 20 |
| Total Metals - Mansfield Lab Associated sample(s): 08 QC Batch ID: WG1985748-4 QC Sample: L2459328-01 Client ID: DUP Sample | | | | | |
| Mercury, Total | ND | ND | mg/l | NC | 20 |

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002

# Lab Serial Dilution Analysis
**Batch Quality Control**

**Lab Number:** L2459257
**Report Date:** 10/22/24

| Parameter | Native Sample | Serial Dilution | Units | % D | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-06,09-11 QC Batch ID: WG1985102-6 QC Sample: L2459257-06 Client ID: NORTH SIDE @ 4'-B | | | | | | |
| Aluminum, Total | 6450 | 6650 | mg/kg | 3 | | 20 |
| Barium, Total | 65.0 | 68.4 | mg/kg | 5 | | 20 |
| Calcium, Total | 65800 | 70800 | mg/kg | 8 | | 20 |
| Iron, Total | 16400 | 17300 | mg/kg | 5 | | 20 |
| Magnesium, Total | 18000 | 19200 | mg/kg | 7 | | 20 |
| Manganese, Total | 510 | 549 | mg/kg | 8 | | 20 |

# INORGANICS
# &
# MISCELLANEOUS

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002
**Lab Number:** L2459257
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-01
Client ID: TRENCH BASE @ 6'
Sample Location: 2266 MILITARY RD.
Sample Depth:
Matrix: Soil

Date Collected: 10/09/24 12:30
Date Received: 10/11/24
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 89.6 | | % | 0.100 | NA | 1 | - | 10/15/24 12:06 | 121,2540G | ROI |
| Cyanide, Total | ND | | mg/kg | 1.0 | 0.22 | 1 | 10/18/24 20:40 | 10/21/24 13:45 | 1,9010C/9012B | JER |

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002
**Lab Number:** L2459257
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-02
Client ID: TRENCH BASE DUP @ 6'
Sample Location: 2266 MILITARY RD.
Sample Depth:
Matrix: Soil
Date Collected: 10/09/24 12:30
Date Received: 10/11/24
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 86.0 | | % | 0.100 | NA | 1 | - | 10/15/24 12:06 | 121,2540G | ROI |
| Cyanide, Total | ND | | mg/kg | 1.1 | 0.23 | 1 | 10/18/24 20:40 | 10/21/24 14:09 | 1,9010C/9012B | JER |

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002
**Lab Number:** L2459257
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-03
Client ID: SOUTH SIDE @ 4'-A
Sample Location: 2266 MILITARY RD.
Sample Depth:
Matrix: Soil

Date Collected: 10/09/24 13:00
Date Received: 10/11/24
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 89.9 | | % | 0.100 | NA | 1 | - | 10/15/24 12:06 | 121,2540G | ROI |
| Cyanide, Total | ND | | mg/kg | 1.0 | 0.22 | 1 | 10/18/24 20:40 | 10/21/24 14:10 | 1,9010C/9012B | JER |

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002
**Lab Number:** L2459257
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-04
Client ID: NORTH SIDE @ 4'-A
Sample Location: 2266 MILITARY RD.
Sample Depth:
Matrix: Soil

Date Collected: 10/09/24 13:30
Date Received: 10/11/24
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 89.3 | | % | 0.100 | NA | 1 | - | 10/15/24 12:06 | 121,2540G | ROI |
| Cyanide, Total | ND | | mg/kg | 1.0 | 0.22 | 1 | 10/18/24 20:40 | 10/21/24 14:11 | 1,9010C/9012B | JER |

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002
**Lab Number:** L2459257
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-05
Client ID: SOUTH SIDE @ 4'-B
Sample Location: 2266 MILITARY RD.
Sample Depth:
Matrix: Soil

Date Collected: 10/09/24 14:00
Date Received: 10/11/24
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 87.7 | | % | 0.100 | NA | 1 | - | 10/15/24 12:06 | 121,2540G | ROI |
| Cyanide, Total | ND | | mg/kg | 1.1 | 0.24 | 1 | 10/18/24 20:40 | 10/21/24 14:12 | 1,9010C/9012B | JER |

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002
**Lab Number:** L2459257
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-06
Client ID: NORTH SIDE @ 4'-B
Sample Location: 2266 MILITARY RD.
Sample Depth:
Matrix: Soil

Date Collected: 10/09/24 14:30
Date Received: 10/11/24
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 93.0 | | % | 0.100 | NA | 1 | - | 10/15/24 12:06 | 121,2540G | ROI |
| Cyanide, Total | ND | | mg/kg | 1.0 | 0.21 | 1 | 10/18/24 20:40 | 10/21/24 14:13 | 1,9010C/9012B | JER |

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002
**Lab Number:** L2459257
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-08
Client ID: RINSE BLANK
Sample Location: 2266 MILITARY RD.
Sample Depth:
Matrix: Water

Date Collected: 10/09/24 15:30
Date Received: 10/11/24
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Cyanide, Total | ND | | mg/l | 0.005 | 0.001 | 1 | 10/18/24 23:40 | 10/21/24 17:52 | 1,9010C/9012B | JER |

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002
**Lab Number:** L2459257
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-09
Client ID: SOUTH SIDE @ 3'-C
Sample Location: 2266 MILITARY RD.
Sample Depth:
Matrix: Soil

Date Collected: 10/10/24 12:30
Date Received: 10/11/24
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 88.7 | | % | 0.100 | NA | 1 | - | 10/16/24 11:28 | 121,2540G | ROI |
| Cyanide, Total | ND | | mg/kg | 1.1 | 0.23 | 1 | 10/18/24 20:40 | 10/21/24 14:16 | 1,9010C/9012B | JER |

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002
**Lab Number:** L2459257
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-10
Client ID: NORTH SIDE @ 3'-C
Sample Location: 2266 MILITARY RD.
Sample Depth:
Matrix: Soil

Date Collected: 10/10/24 13:00
Date Received: 10/11/24
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 88.7 | | % | 0.100 | NA | 1 | - | 10/15/24 12:06 | 121,2540G | ROI |
| Cyanide, Total | ND | | mg/kg | 1.0 | 0.22 | 1 | 10/18/24 20:40 | 10/21/24 14:19 | 1,9010C/9012B | JER |

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002
**Lab Number:** L2459257
**Report Date:** 10/22/24

## SAMPLE RESULTS

Lab ID: L2459257-11
Client ID: EAST WALL @ 3'
Sample Location: 2266 MILITARY RD.
Sample Depth:
Matrix: Soil

Date Collected: 10/10/24 13:30
Date Received: 10/11/24
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 89.1 | | % | 0.100 | NA | 1 | - | 10/15/24 12:16 | 121,2540G | ROI |
| Cyanide, Total | 0.32 | J | mg/kg | 1.1 | 0.23 | 1 | 10/18/24 20:40 | 10/21/24 14:20 | 1,9010C/9012B | JER |

**Project Name:** BISONITE PAINT COMPANY **Lab Number:** L2459257

**Project Number:** 100.002 **Report Date:** 10/22/24

# Method Blank Analysis
## Batch Quality Control

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1986304-1 | | | | | | | | | | |
| Cyanide, Total | ND | | mg/kg | 0.92 | 0.19 | 1 | 10/18/24 20:40 | 10/21/24 13:31 | 1,9010C/9012B | JER |
| General Chemistry - Westborough Lab for sample(s): 02-06,09-11 Batch: WG1986305-1 | | | | | | | | | | |
| Cyanide, Total | ND | | mg/kg | 0.92 | 0.19 | 1 | 10/18/24 20:40 | 10/21/24 14:03 | 1,9010C/9012B | JER |
| General Chemistry - Westborough Lab for sample(s): 08 Batch: WG1986332-1 | | | | | | | | | | |
| Cyanide, Total | ND | | mg/l | 0.005 | 0.001 | 1 | 10/18/24 23:40 | 10/21/24 17:31 | 1,9010C/9012B | JER |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

**Lab Number:** L2459257

**Report Date:** 10/22/24

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1986304-2 WG1986304-3 | | | | | | | | |
| Cyanide, Total | 85 | | 94 | | 80-120 | 9 | | 35 |
| General Chemistry - Westborough Lab Associated sample(s): 02-06,09-11 Batch: WG1986305-2 WG1986305-3 | | | | | | | | |
| Cyanide, Total | 93 | | 94 | | 80-120 | 1 | | 35 |
| General Chemistry - Westborough Lab Associated sample(s): 08 Batch: WG1986332-2 WG1986332-3 | | | | | | | | |
| Cyanide, Total | 94 | | 91 | | 85-115 | 3 | | 20 |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002

**Lab Number:** L2459257
**Report Date:** 10/22/24

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1986304-4 WG1986304-5 QC Sample: L2458911-01 Client ID: MS Sample | | | | | | | | | | | | |
| Cyanide, Total | 0.26J | 11 | 9.8 | 87 | | 10 | 83 | | 75-125 | 4 | | 35 |
| General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1986304-6 WG1986304-7 QC Sample: L2459028-01 Client ID: MS Sample | | | | | | | | | | | | |
| Cyanide, Total | ND | 11 | 10 | 88 | | 10 | 85 | | 75-125 | 2 | | 35 |
| General Chemistry - Westborough Lab Associated sample(s): 02-06,09-11 QC Batch ID: WG1986305-4 WG1986305-5 QC Sample: L2459257-06 Client ID: NORTH SIDE @ 4'-B | | | | | | | | | | | | |
| Cyanide, Total | ND | 10 | 7.6 | 76 | | 10 | 94 | | 75-125 | 21 | | 35 |
| General Chemistry - Westborough Lab Associated sample(s): 02-06,09-11 QC Batch ID: WG1986305-6 WG1986305-7 QC Sample: L2459333-09 Client ID: MS Sample | | | | | | | | | | | | |
| Cyanide, Total | ND | 10 | 9.5 | 92 | | 8.7 | 87 | | 75-125 | 9 | | 35 |
| General Chemistry - Westborough Lab Associated sample(s): 08 QC Batch ID: WG1986332-4 WG1986332-5 QC Sample: L2458448-12 Client ID: MS Sample | | | | | | | | | | | | |
| Cyanide, Total | 0.002J | 0.2 | 0.205 | 102 | | 0.207 | 104 | | 80-120 | 2 | | 20 |
| General Chemistry - Westborough Lab Associated sample(s): 08 QC Batch ID: WG1986332-6 WG1986332-7 QC Sample: L2458448-13 Client ID: MS Sample | | | | | | | | | | | | |
| Cyanide, Total | ND | 0.2 | 0.202 | 101 | | 0.201 | 100 | | 80-120 | 0 | | 20 |

# Lab Duplicate Analysis

***Batch Quality Control***

**Project Name:** BISONITE PAINT COMPANY

**Project Number:** 100.002

***Lab Number:*** L2459257

***Report Date:*** 10/22/24

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01-06,10 QC Batch ID: WG1984344-1 QC Sample: L2459257-06 Client ID: NORTH SIDE @ 4'-B | | | | | | |
| Solids, Total | 93.0 | 92.7 | % | 0 | | 20 |
| General Chemistry - Westborough Lab Associated sample(s): 11 QC Batch ID: WG1984349-1 QC Sample: L2459211-01 Client ID: DUP Sample | | | | | | |
| Solids, Total | 88.6 | 88.0 | % | 1 | | 20 |
| General Chemistry - Westborough Lab Associated sample(s): 09 QC Batch ID: WG1984918-1 QC Sample: L2459257-09 Client ID: SOUTH SIDE @ 3'-C | | | | | | |
| Solids, Total | 88.7 | 89.8 | % | 1 | | 20 |

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002

**Lab Number:** L2459257
**Report Date:** 10/22/24

## Sample Receipt and Container Information

Were project specific reporting limits specified? YES

### Cooler Information

| Cooler | Custody Seal |
|---|---|
| A | Absent |
| B | Absent |

### Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2459257-01A | Vial MeOH preserved | A | NA | | 3.7 | Y | Absent | | NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14) |
| L2459257-01B | Vial water preserved | A | NA | | 3.7 | Y | Absent | **12-OCT-24 07:07** | NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14) |
| L2459257-01C | Vial water preserved | A | NA | | 3.7 | Y | Absent | **12-OCT-24 07:07** | NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14) |
| L2459257-01D | Glass 60mL/2oz unpreserved | A | NA | | 3.7 | Y | Absent | | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),NA-TI(180),K-TI(180),CD-TI(180),CA-TI(180) |
| L2459257-01E | Plastic 120ml unpreserved | A | NA | | 3.7 | Y | Absent | | TS(7) |
| L2459257-01F | Glass 500ml/16oz unpreserved | A | NA | | 3.7 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365) |
| L2459257-02A | Vial MeOH preserved | A | NA | | 3.7 | Y | Absent | | NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14) |
| L2459257-02B | Vial water preserved | A | NA | | 3.7 | Y | Absent | **12-OCT-24 07:07** | NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14) |
| L2459257-02C | Vial water preserved | A | NA | | 3.7 | Y | Absent | **12-OCT-24 07:07** | NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14) |
| L2459257-02D | Glass 60mL/2oz unpreserved | A | NA | | 3.7 | Y | Absent | | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180) |
| L2459257-02E | Plastic 120ml unpreserved | A | NA | | 3.7 | Y | Absent | | TS(7) |
| L2459257-02F | Glass 500ml/16oz unpreserved | A | NA | | 3.7 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365) |
| L2459257-03A | Vial MeOH preserved | A | NA | | 3.7 | Y | Absent | | NYTCL-8260HLW-R2(14) |
| L2459257-03B | Vial water preserved | A | NA | | 3.7 | Y | Absent | **12-OCT-24 07:07** | NYTCL-8260HLW-R2(14) |



*Values in parentheses indicate holding time in days

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002

**Lab Number:** L2459257
**Report Date:** 10/22/24

### Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2459257-03C | Vial water preserved | A | NA | | 3.7 | Y | Absent | **12-OCT-24 07:07** | NYTCL-8260HLW-R2(14) |
| L2459257-03D | Glass 60mL/2oz unpreserved | A | NA | | 3.7 | Y | Absent | | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180) |
| L2459257-03E | Plastic 120ml unpreserved | A | NA | | 3.7 | Y | Absent | | TS(7) |
| L2459257-03F | Glass 500ml/16oz unpreserved | A | NA | | 3.7 | Y | Absent | | NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365) |
| L2459257-04A | Vial MeOH preserved | A | NA | | 3.7 | Y | Absent | | NYTCL-8260HLW-R2(14) |
| L2459257-04B | Vial water preserved | A | NA | | 3.7 | Y | Absent | **12-OCT-24 07:07** | NYTCL-8260HLW-R2(14) |
| L2459257-04C | Vial water preserved | A | NA | | 3.7 | Y | Absent | **12-OCT-24 07:07** | NYTCL-8260HLW-R2(14) |
| L2459257-04D | Glass 60mL/2oz unpreserved | A | NA | | 3.7 | Y | Absent | | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180) |
| L2459257-04E | Plastic 120ml unpreserved | A | NA | | 3.7 | Y | Absent | | TS(7) |
| L2459257-04F | Glass 500ml/16oz unpreserved | A | NA | | 3.7 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365) |
| L2459257-05A | Vial MeOH preserved | A | NA | | 3.7 | Y | Absent | | NYTCL-8260HLW-R2(14) |
| L2459257-05B | Vial water preserved | A | NA | | 3.7 | Y | Absent | **12-OCT-24 07:07** | NYTCL-8260HLW-R2(14) |
| L2459257-05C | Vial water preserved | A | NA | | 3.7 | Y | Absent | **12-OCT-24 07:07** | NYTCL-8260HLW-R2(14) |
| L2459257-05D | Glass 60mL/2oz unpreserved | A | NA | | 3.7 | Y | Absent | | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),SE-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180) |
| L2459257-05E | Plastic 120ml unpreserved | A | NA | | 3.7 | Y | Absent | | TS(7) |
| L2459257-05F | Glass 500ml/16oz unpreserved | A | NA | | 3.7 | Y | Absent | | NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365) |
| L2459257-06A | Vial MeOH preserved | A | NA | | 3.7 | Y | Absent | | NYTCL-8260HLW-R2(14) |
| L2459257-06A1 | Vial MeOH preserved | A | NA | | 3.7 | Y | Absent | | NYTCL-8260HLW-R2(14) |
| L2459257-06A2 | Vial MeOH preserved | A | NA | | 3.7 | Y | Absent | | NYTCL-8260HLW-R2(14) |
| L2459257-06B | Vial water preserved | A | NA | | 3.7 | Y | Absent | **12-OCT-24 07:07** | NYTCL-8260HLW-R2(14) |



*Values in parentheses indicate holding time in days

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002

**Lab Number:** L2459257
**Report Date:** 10/22/24

## Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2459257-06B1 | Vial water preserved | A | NA | | 3.7 | Y | Absent | **12-OCT-24 07:07** | NYTCL-8260HLW-R2(14) |
| L2459257-06B2 | Vial water preserved | A | NA | | 3.7 | Y | Absent | **12-OCT-24 07:07** | NYTCL-8260HLW-R2(14) |
| L2459257-06C | Vial water preserved | A | NA | | 3.7 | Y | Absent | **12-OCT-24 07:07** | NYTCL-8260HLW-R2(14) |
| L2459257-06C1 | Vial water preserved | A | NA | | 3.7 | Y | Absent | **12-OCT-24 07:07** | NYTCL-8260HLW-R2(14) |
| L2459257-06C2 | Vial water preserved | A | NA | | 3.7 | Y | Absent | **12-OCT-24 07:07** | NYTCL-8260HLW-R2(14) |
| L2459257-06D | Metals Only-Glass 60mL/2oz unpreserved | A | NA | | 3.7 | Y | Absent | | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180) |
| L2459257-06D1 | Metals Only-Glass 60mL/2oz unpreserved | A | NA | | 3.7 | Y | Absent | | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180) |
| L2459257-06D2 | Metals Only-Glass 60mL/2oz unpreserved | A | NA | | 3.7 | Y | Absent | | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180) |
| L2459257-06E | Plastic 120ml unpreserved | A | NA | | 3.7 | Y | Absent | | TS(7) |
| L2459257-06E1 | Plastic 120ml unpreserved | A | NA | | 3.7 | Y | Absent | | TS(7) |
| L2459257-06E2 | Plastic 120ml unpreserved | A | NA | | 3.7 | Y | Absent | | TS(7) |
| L2459257-06F | Glass 500ml/16oz unpreserved | A | NA | | 3.7 | Y | Absent | | NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365) |
| L2459257-06F1 | Glass 500ml/16oz unpreserved | A | NA | | 3.7 | Y | Absent | | NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365) |
| L2459257-06F2 | Glass 500ml/16oz unpreserved | A | NA | | 3.7 | Y | Absent | | NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365) |
| L2459257-07A | Vial MeOH preserved | A | NA | | 3.7 | Y | Absent | | NYTCL-8260HLW-R2(14) |
| L2459257-07B | Vial water preserved | A | NA | | 3.7 | Y | Absent | **12-OCT-24 07:10** | NYTCL-8260HLW-R2(14) |
| L2459257-07C | Vial water preserved | A | NA | | 3.7 | Y | Absent | **12-OCT-24 07:10** | NYTCL-8260HLW-R2(14) |
| L2459257-08A | Vial HCl preserved | B | NA | | 2.8 | Y | Absent | | NYTCL-8260-R2(14) |
| L2459257-08B | Vial HCl preserved | B | NA | | 2.8 | Y | Absent | | NYTCL-8260-R2(14) |
| L2459257-08C | Vial HCl preserved | B | NA | | 2.8 | Y | Absent | | NYTCL-8260-R2(14) |



*Values in parentheses indicate holding time in days

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002

**Lab Number:** L2459257
**Report Date:** 10/22/24

## Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2459257-08D | Amber 100ml unpreserved | B | 7 | 7 | 2.8 | Y | Absent | | NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7) |
| L2459257-08E | Amber 100ml unpreserved | B | 7 | 7 | 2.8 | Y | Absent | | NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7) |
| L2459257-08F | Amber 120ml unpreserved | B | 7 | 7 | 2.8 | Y | Absent | | NYTCL-8081(7) |
| L2459257-08G | Amber 120ml unpreserved | B | 7 | 7 | 2.8 | Y | Absent | | NYTCL-8081(7) |
| L2459257-08H | Amber 120ml unpreserved | B | 7 | 7 | 2.8 | Y | Absent | | NYTCL-8082-LVI(365) |
| L2459257-08I | Amber 120ml unpreserved | B | 7 | 7 | 2.8 | Y | Absent | | NYTCL-8082-LVI(365) |
| L2459257-08J | Plastic 250ml NaOH preserved | B | >12 | >12 | 2.8 | Y | Absent | | TCN-9010(14) |
| L2459257-08K | Plastic 250ml HNO3 preserved | B | <2 | <2 | 2.8 | Y | Absent | | FE-6020T(180),SE-6020T(180),BA-6020T(180),TL-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),CD-6020T(180),AL-6020T(180),HG-T(28),AG-6020T(180),MG-6020T(180),CO-6020T(180) |
| L2459257-08L | Amber 1L unpreserved | B | 7 | 7 | 2.8 | Y | Absent | | HERB-APA(7) |
| L2459257-08M | Amber 1L unpreserved | B | 7 | 7 | 2.8 | Y | Absent | | HERB-APA(7) |
| L2459257-09A | Vial MeOH preserved | A | NA | | 3.7 | Y | Absent | | NYTCL-8260HLW-R2(14) |
| L2459257-09B | Vial water preserved | A | NA | | 3.7 | Y | Absent | 12-OCT-24 07:07 | NYTCL-8260HLW-R2(14) |
| L2459257-09C | Vial water preserved | A | NA | | 3.7 | Y | Absent | 12-OCT-24 07:07 | NYTCL-8260HLW-R2(14) |
| L2459257-09D | Glass 60mL/2oz unpreserved | A | NA | | 3.7 | Y | Absent | | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),HG-T(28),FE-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180) |
| L2459257-09E | Glass 500ml/16oz unpreserved | A | NA | | 3.7 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365) |
| L2459257-10A | Vial MeOH preserved | A | NA | | 3.7 | Y | Absent | | NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14) |
| L2459257-10B | Vial water preserved | A | NA | | 3.7 | Y | Absent | 12-OCT-24 07:07 | NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14) |
| L2459257-10C | Vial water preserved | A | NA | | 3.7 | Y | Absent | 12-OCT-24 07:07 | NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14) |



*Values in parentheses indicate holding time in days

**Project Name:** BISONITE PAINT COMPANY
**Project Number:** 100.002

**Lab Number:** L2459257
**Report Date:** 10/22/24

## Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2459257-10D | Glass 60mL/2oz unpreserved | A | NA | | 3.7 | Y | Absent | | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180) |
| L2459257-10E | Plastic 120ml unpreserved | A | NA | | 3.7 | Y | Absent | | TS(7) |
| L2459257-10F | Glass 500ml/16oz unpreserved | A | NA | | 3.7 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365) |
| L2459257-11A | Vial MeOH preserved | A | NA | | 3.7 | Y | Absent | | NYTCL-8260HLW-R2(14) |
| L2459257-11B | Vial water preserved | A | NA | | 3.7 | Y | Absent | 12-OCT-24 07:07 | NYTCL-8260HLW-R2(14) |
| L2459257-11C | Vial water preserved | A | NA | | 3.7 | Y | Absent | 12-OCT-24 07:07 | NYTCL-8260HLW-R2(14) |
| L2459257-11D | Glass 60ml unpreserved split | A | NA | | 3.7 | Y | Absent | | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180) |
| L2459257-11E | Plastic 120ml unpreserved | A | NA | | 3.7 | Y | Absent | | TS(7) |
| L2459257-11F | Glass 500ml/16oz unpreserved | A | NA | | 3.7 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365) |
| L2459257-12A | Vial HCl preserved | B | NA | | 2.8 | Y | Absent | | NYTCL-8260-R2(14) |
| L2459257-12B | Vial HCl preserved | B | NA | | 2.8 | Y | Absent | | NYTCL-8260-R2(14) |



*Values in parentheses indicate holding time in days

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT COMPANY | **Lab Number:** | L2459257 |
| **Project Number:** | 100.002 | **Report Date:** | 10/22/24 |

## GLOSSARY

***Acronyms***

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

*Report Format: DU Report with 'J' Qualifiers*

| | | | |
|---|---|---|---|
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***Footnotes***

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

***Terms***

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

***Data Qualifiers***

**A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

**B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

**C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

**D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

**E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

**F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

**G** - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

**H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

**I** - The lower value for the two columns has been reported due to obvious interference.

**J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

*Report Format: DU Report with 'J' Qualifiers*

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT COMPANY | **Lab Number:** | L2459257 |
| **Project Number:** | 100.002 | **Report Date:** | 10/22/24 |

***Data Qualifiers***

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

**M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

**ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

**NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

**P** - The RPD between the results for the two columns exceeds the method-specified criteria.

**Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

**R** - Analytical results are from sample re-analysis.

**RE** - Analytical results are from sample re-extraction.

**S** - Analytical results are from modified screening analysis.

**V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

**Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

| | | | |
|---|---|---|---|
| **Project Name:** | BISONITE PAINT COMPANY | **Lab Number:** | L2459257 |
| **Project Number:** | 100.002 | **Report Date:** | 10/22/24 |

## REFERENCES


1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.


## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

# Certification Information

**The following analytes are not included in our Primary NELAP Scope of Accreditation:**

**Westborough Facility**
**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene
**EPA 625.1:** alpha-Terpineol
**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
**EPA 8270E:** NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
**SM4500**: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

**Mansfield Facility**
**SM 2540D:** TSS.
**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
**Nonpotable Water: EPA RSK-175 Dissolved Gases**
**Biological Tissue Matrix:** EPA 3050B

**The following analytes are included in our Massachusetts DEP Scope of Accreditation**

**Westborough Facility:**

***Drinking Water***
**EPA 300.0**: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
**EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
**Microbiology**: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

***Non-Potable Water***
**SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
**EPA 624.1**: Volatile Halocarbons & Aromatics,
**EPA 608.3**: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
**EPA 625.1**: SVOC (Acid/Base/Neutral Extractables).
**Microbiology**: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

**Mansfield Facility:**

***Drinking Water***
**EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
**EPA 522, EPA 537.1.**

***Non-Potable Water***
**EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
**EPA 200.8:** Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
**EPA 245.1** Hg.
**SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

L2459257 18OCT24
LEADERPRO

# NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

**Service Centers**
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 10/12/24

## Client Information
Client: Marsh Engineering
Address: 271 Marsh Rd, Ste. 2
Pittsford, NY 14534
Phone: 585-248-2413
Fax:
Email: Babrens@leaderlink.com

## Project Information
Project Name: Bisonite Paint Company
Project Location: 2266 Military Rd.
Project # 100.002
(Use Project name as Project #) ☐
Project Manager: Bruce Ahrens
ALPHAQuote #:

## Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

## Deliverables
☐ ASP-A ☒ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

## Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

## Billing Information
☒ Same as Client Info
PO # 100.002

## Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☑ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

**Other project specific requirements/comments:**

**Please specify Metals or TAL.**

## ANALYSIS

**Sample Filtration**
☐ Done
☒ Lab to do
**Preservation**
☐ Lab to do
*(Please Specify below)*

| ALPHA Lab ID (Lab Use Only) | Sample ID | Collection Date | Collection Time | Sample Matrix | Sampler's Initials | TCL Volatiles | NYTCL Semi Voc | TAL Metals (except Hg/Cr6/Cyanide) | TCL Herbicides | TCL Pesticides | TCL PCBs | Total Solids | Sample Specific Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 92257-01 | Trench Base @ 6' | 10/9 | 1230 | Soil | BG | X | X | X | X | X | X | X | |
| -02 | Trench Base Dup @ 6' | 10/9 | 1230 | Soil | BG | X | X | X | X | X | X | X | |
| -03 | South Side @ 4' - A | 10/9 | 1300 | Soil | | X | X | X | X | X | X | X | |
| -04 | North Side @ 4' - A | 10/9 | 1330 | Soil | | X | X | X | X | X | X | X | |
| -05 | South Side @ 4' - B | 10/9 | 1400 | Soil | | X | X | X | X | X | X | X | |
| -06 | North Side @ 4' - B | 10/9 | 1430 | SOIL | | X | X | X | X | X | X | X | |
| | MS | 10/9 | 1430 | SOIL | | X | X | X | X | X | X | X | 4' N. Side |
| | MSD | 10/9 | 1430 | SOIL | | X | X | X | X | X | X | X | " " |
| -07 | ~~FB~~ Field Blank | 10/9 | 1500 | SOIL | | X | | | | | | | 4' N. Side B |
| -08 | RINSE Blank | 10/9 | 1530 | H2O | | X | X | X | X | X | X | | |

Preservative Code: A = None, B = HCl, C = $HNO_3$, D = $H_2SO_4$, E = NaOH, F = MeOH, G = $NaHSO_4$, H = $Na_2S_2O_3$, K/E = Zn Ac/NaOH, O = Other

Container Code: P = Plastic, A = Amber Glass, V = Vial, G = Glass, B = Bacteria Cup, C = Cube, O = Other, E = Encore, D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

| | TCL Volatiles | NYTCL Semi Voc | TAL Metals (except Hg/Cr6/Cyanide) | TCL Herbicides | TCL Pesticides | TCL PCBs | Total Solids |
|---|---|---|---|---|---|---|---|
| Container Type | V | A | A | A | A | A | A/P |
| Preservative | A/C | A | A/E | A | A | A | A |

| Relinquished By: | Date/Time | Received By: | Date/Time |
|---|---|---|---|
| | 10/11/24 11:50 | WMat Pace | 10/11/24 11:50 |
| WMat Pace | 10/11/24 15:26 | RCH S/C Pace | 10/11/24 15:26 |
| | 10-11-24 18:17 | | |
| | OKO | | 10/12/24 1000 |

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

# NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

**Service Centers**
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd In Lab: 10/12/24

ALPHA Job #: L2459257

## Client Information

Client: Marsh Engineering
Address: 271 Marsh Rd, Ste 2
Pittsford, NY 14534
Phone: 585-248-2413
Fax:
Email: bahrens@leaderlink.com

## Project Information

Project Name: Bisonite Paint Company
Project Location: 2266 Military Rd
Project #: 100.002
(Use Project name as Project #) ☐
Project Manager: Bruce Ahrens
ALPHAQuote #:

## Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

**Other project specific requirements/comments:**

**Please specify Metals or TAL.**

## Deliverables

☐ ASP-A ☒ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

## Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

## Billing Information

☒ Same as Client Info
PO #: 100.002

## Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☑ NY
☐ Other:

## ANALYSIS

| ALPHA Lab ID (Lab Use Only) | Sample ID | Collection Date | Collection Time | Sample Matrix | Sampler's Initials | TCL Volatiles | NY TCL Semi Vocs | TAL Metals mercury tCN | TCL Herbicides | TCL Pesticides | TCL PCB's | Total Solids |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 59257-09 | South Side @3' - C | 10/10 | 1230 | SOIL | JS | X | X | X | X | X | X | X |
| -10 | North Side @ 3' - C | 10/10 | 1300 | SOIL | JS | X | X | X | X | X | X | X |
| -11 | East Wall @ 3' | 10/10 | 1330 | SOIL | JS | X | X | X | X | X | X | X |
| | | | | | | | | | | | | |
| -12 | TRIP Blank | | | | | X | X | X | X | X | X | X |

**Sample Filtration**
☐ Done
☑ Lab to do
**Preservation**
☐ Lab to do
*(Please Specify below)*

**Sample Specific Comments**

Total Bottles

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Container Type | V | A | A | A | A | A | AP | |
| Preservative | F | A | A | A | A | A | A | |

Preservative Code:
A = None
B = HCl
C = $HNO_3$
D = $H_2SO_4$
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

| Relinquished By: | Date/Time | Received By: | Date/Time |
|---|---|---|---|
| | 10/11 11:50 | UPS Mot Pack | 10/11/24 11:50 |
| UPS Mot Pack | 10/11/24 15:42 | Both S/C Pack | 10/11/24 15:42 |
| | 10-11-24 18:19 | | |

10/12/24 7:00

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONSTANTS. (See reverse side.)

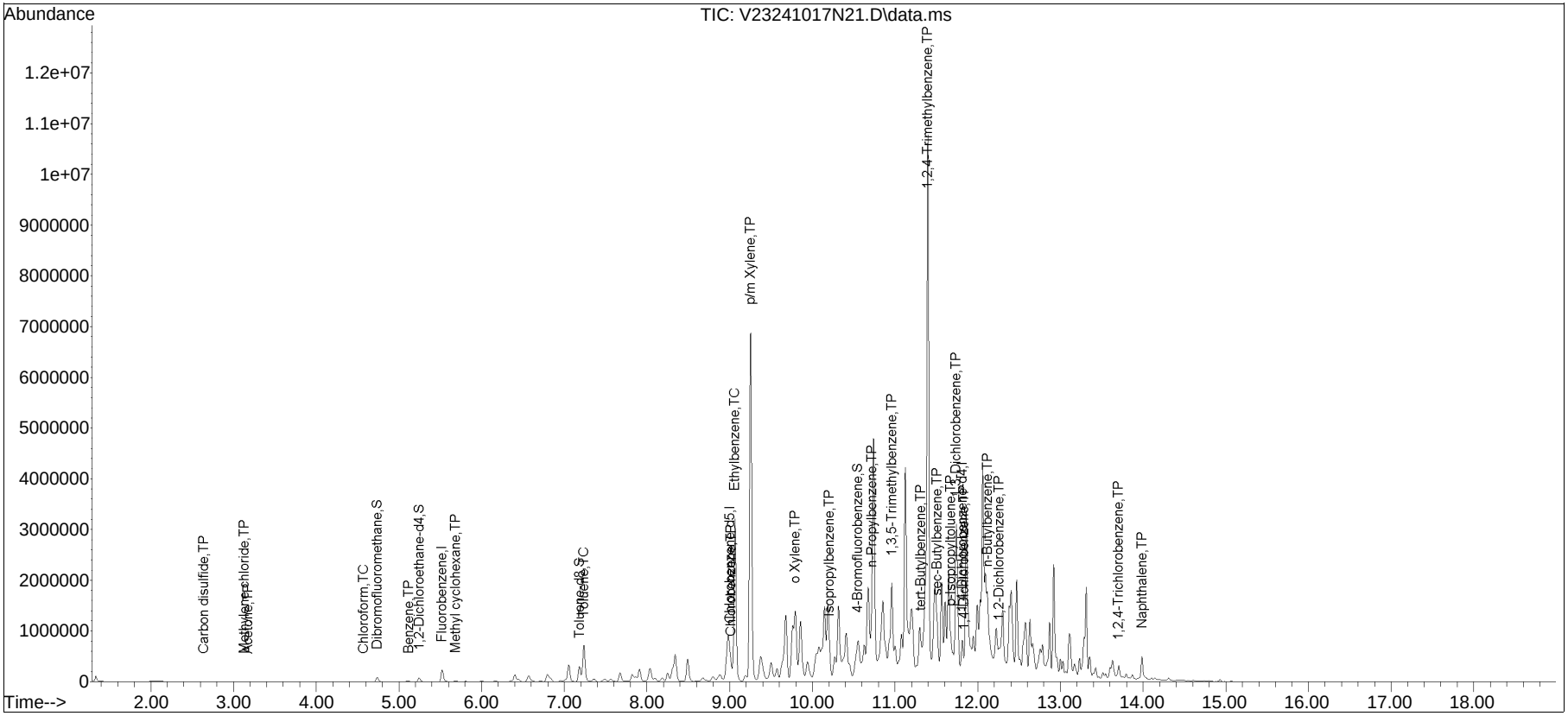
Form No: 01-25 HC (rev. 30-Sept-2013)

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2024\241017N\
Data File : V23241017N21.D
Acq On : 18 Oct 2024 05:01 am
Operator : VOA123:MKS
Sample : L2459257-04,31H,7.65,5,0.100,,A,30.23,38.38,0
Misc : WG1986109,ICAL21608
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 18 08:38:55 2024
Quant Method : K:\VOA123\2024\241017N\V123_241014A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Oct 15 14:42:06 2024
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS1017N01.D•

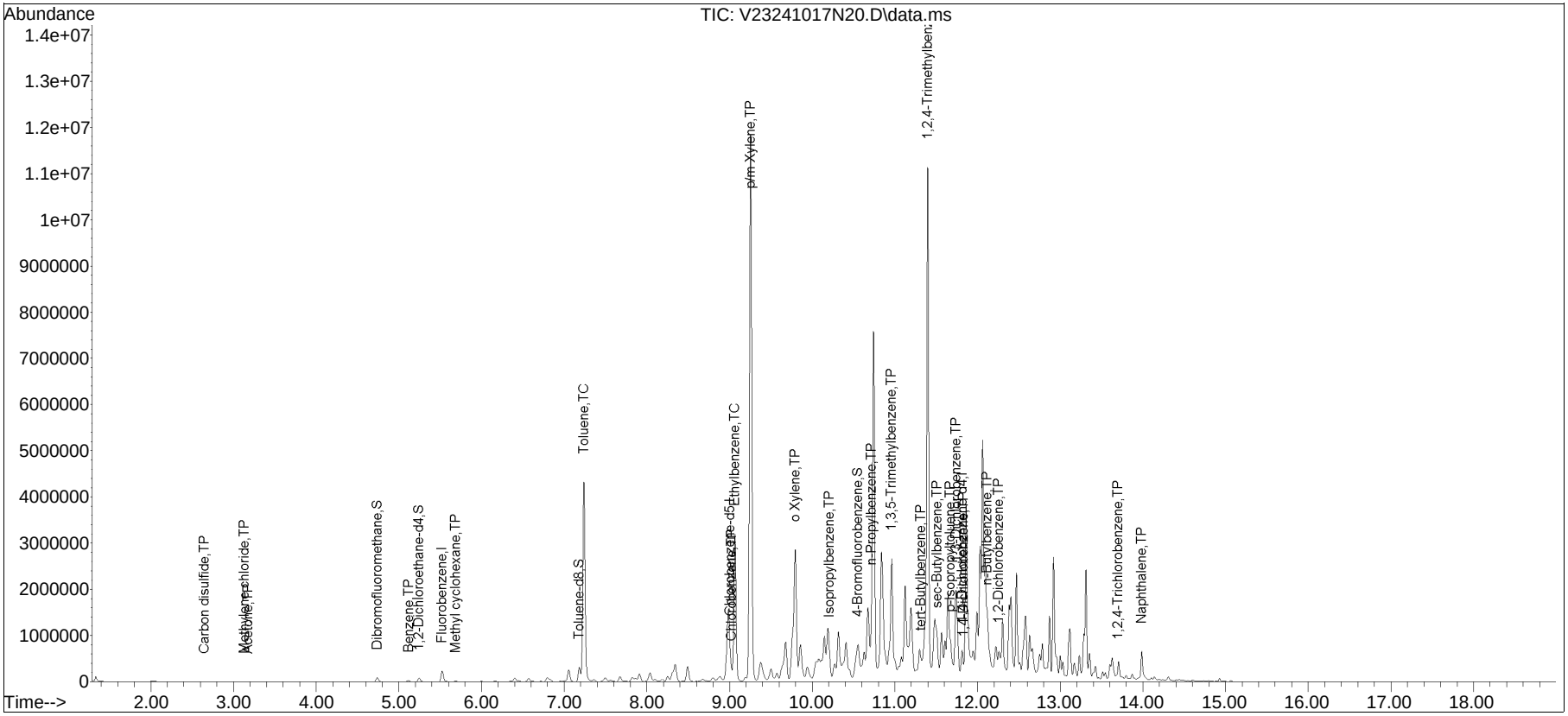


Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2024\241017N\
Data File : V23241017N20.D
Acq On : 18 Oct 2024 04:35 am
Operator : VOA123:MKS
Sample : L2459257-05D2,31H,10.01,5,0.05,,A,30.24,40.75
Misc : WG1986109,ICAL21608
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 18 08:38:19 2024
Quant Method : K:\VOA123\2024\241017N\V123_241014A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Oct 15 14:42:06 2024
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS1017N01.D•

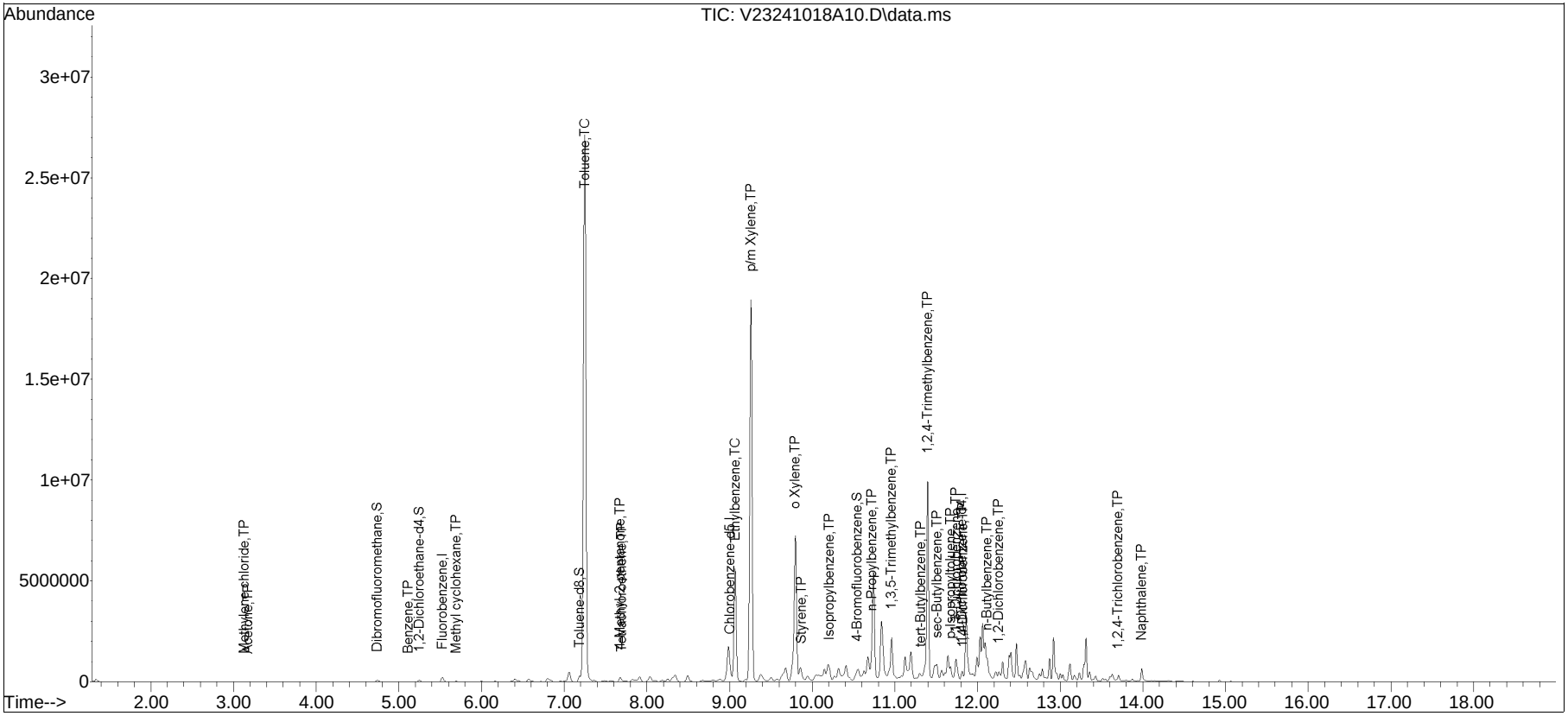


Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2024\241018A\
Data File : V23241018A10.D
Acq On : 18 Oct 2024 11:35 am
Operator : VOA123:MKS
Sample : L2459257-11D2,31H,10.91,5,0.01,,A,30.24,41.65
Misc : WG1986218,ICAL21608
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 18 12:47:14 2024
Quant Method : K:\VOA123\2024\241018A\V123_241014A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Oct 15 14:42:06 2024
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS1018A01.D•



# APPENDIX L
# IMPORTED MATERIAL DOCUMENTATION

CME Associates, Inc.

2727 Broadway St., Suite 2
Cheektowaga, New York 14227
(716) 877-9577
(716) 877-9629 (Fax)

www.cmeassociates.com



# LAB REPORT SUMMARY

**PROJECT:** NESL Source Pre-Qual
**CLIENT:** NESL
**DATE:** 08/15/2023

**REPORT NO.:** 17330L-14
**REPRESENTATIVE:** Austin Glasier

This CME Associates, Inc representative performed a sieve analysis and moisture density test (Modified Proctor) on a 2" R.O.C. sample BL3223 sampled by client representative and delivered to CME's Buffalo laboratory on 08/03/2023. Tests were performed in accordance with ASTM Standards C136, C117, and D1557.
The following table distinguishes your sample from some common NYSDOT items:

| Sample No.: | Location: |
|---|---|
| BL3223 | NESL Wehrle Dr. 5-3R |

**MECHANICAL ANALYSIS (ASTM C136, C117)**

| Sieve Size | Percent Passing by Weight Sample BL3223 | Item 304.14 Subbase Type IV | Item 304.13 Subbase Type III | Item 304.12 Subbase Type II | Item 203.7 Select Granular Fill |
|---|---|---|---|---|---|
| 4" | 100 | | 100 | | 100 |
| 2" | 100 | 100 | | 100 | |
| 1" | 93 | | | | |
| 3/4" | 85 | | | | |
| 1/2" | 68 | | | | |
| 3/8" | 58 | | | | |
| 1/4" | 47 | 30-65 | 30-75 | 25-60 | |
| No. 4 | 42 | | | | |
| No. 10 | 27 | | | | |
| No. 40 | 12 | 5-40 | 5-40 | 5-40 | 0-70 |
| No. 80 | 8 | | | | |
| No. 200 | 7.3 | 0-10 | 0-10 | 0-10 | 0-15 |

**CLASSIFICATION**

Gray cmf Gravel and cmf Sand; trace Silt/Clay

**LABORATORY MOISTURE-DENSITY RELATIONSHIP (ASTM D1557)**

| | | | |
|---|---|---|---|
| Corrected Maximum Dry Density | = | **141.8** | **Pcf** |
| Corrected Optimum Moisture Content | = | **6.3** | **%** |

It is recommended the engineer of record review and comment on the use of this material. Please see attached documents for lab test results.
Feel free to contact this office should you have any questions.

CME Associates, Inc.

2727 Broadway Ave, Suite #2
Buffalo, New York 14227
(716) 877-9577
(716) 877-9629 (Fax)

www.cmeassociates.com

**LABORATORY TEST SUMMARY**
NESL
NESL Source Pre-Qual
CME Report Number: 17330L-14
8/15/2023

The CME Associates Representative obtained a sample at the above referenced project. The sample was delivered to CME's Buffalo facility, an AASHTO[1] accredited laboratory, for a Particle Size Analysis and a Moisture Density Relationship determination. The results are as follow:

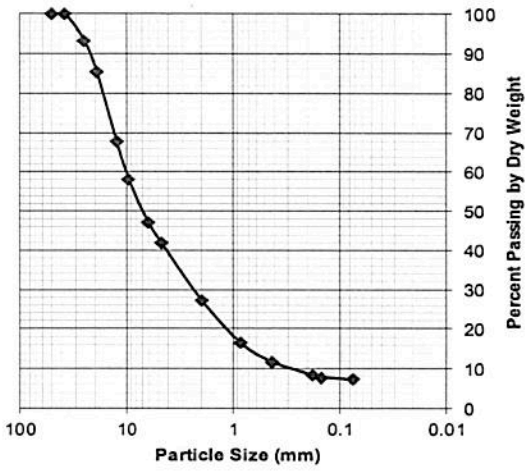
**1) Material Identification**

| Sample # | Date Sampled | Classification | Source |
|---|---|---|---|
| BL3223 | 08/03/23 | Gray cmf Gravel and cmf Sand; trace Silt/Clay | 5-3R NESL Wehrle Dr. |

**2) Particle Size Analysis ASTM C136/C117**

| Sieve Size | Sieve Size (mm) | % Passing by Dry Weight Sample # BL3223 |
|---|---|---|
| 2" | 50 | 100 |
| 1-1/2' | 37.5 | 100 |
| 1" | 25 | 93 |
| 3/4" | 19 | 85 |
| 1/2" | 12.5 | 68 |
| 3/8" | 9.50 | 58 |
| 1/4" | 6.25 | 47 |
| #4 | 4.75 | 42 |
| #10 | 2.00 | 27 |
| #20 | 0.850 | 16 |
| #40 | 0.425 | 12 |
| #80 | 0.180 | 8 |
| #100 | 0.150 | 8 |
| #200 | 0.075 | 7 |

**Grain Size Distribution**




**3) Moisture-Density Relationsh (ASTM D-1557: Modified Proctor)**

| | Sample # BL3223 |
|---|---|
| Corrected Maximum Dry Density (pcf) | = **141.8** |
| Corrected Optimum Moisture Content (%) | = **6.3** |
| Oversized Particles, Percent by Weight (%) | = **15** * |

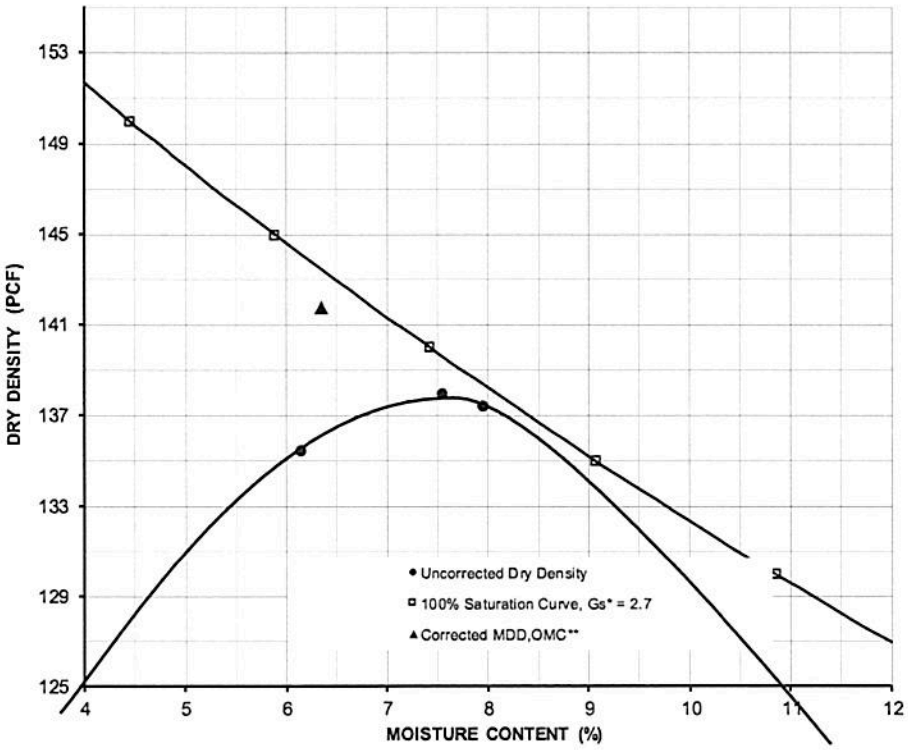
* Particles retained on 3/4-inch sieve

[1]AASHTO - American Association of State Highway & Transportation Officials (AASHTO) Materials Reference Laboratory. CME Buffalo accreditation includes tests of Portland Cement Concrete, Aggregate and Soil Materials. www.aashtoresource.org

**LABORATORY TEST SUMMARY**
**NESL**
**NESL Source Pre-Qual**
**CME Report Number: 17330L-14**

| | | | |
|---|---|---|---|
| SAMPLE LOCATION: | **5-3R NESL Wehrle Dr.** | DATE SAMPLED: | **8/3/23** |
| SOIL CLASSIFICATION: | **Gray cmf Gravel and cmf Sand; trace Silt/Clay** | SAMPLE NO.: | **BL3223** |

**Moisture - Density Relationship Curve**




**Particle Size Analysis ASTM C136**

| Sieve Size | % Passing |
|---|---|
| 2" | 100 |
| 1-1/2" | 100 |
| 1" | 93 |
| 3/4" | 85 |
| 1/2" | 68 |
| 3/8" | 58 |
| 1/4" | 47 |
| No.4 | 42 |
| No.10 | 27 |
| No.20 | 16 |
| No.40 | 12 |
| No.80 | 8 |
| No.100 | 8 |
| No.200 | 7 |

**Test Procedure Information**

| | | | |
|---|---|---|---|
| Test Method | ☑ ASTM D-1557 (Modified) | | ☐ ASTM D-698 |
| Procedure Used | ☐ A | ☐ B | ☑ C |
| Preparation Method | ☐ Dry | ☑ Moist | |
| Description of Rammer | ☐ Manual | ☑ Mechanical | |

**Test Results**

Corrected MDD (PCF) = **141.8**
Corrected OMC (%) = **6.3**

Oversize Fraction by Dry Weight
15 % Retained on ☐ No.4 Sieve ☐ 3/8" Sieve ☑ 3/4" Sieve

* Specific Gravity, estimated
** MDD = Maximum Dry Density, OMC = Optimum Moisture Content
Please feel free to contact our office if you have any questions.

Austin Glasier
Supervising Laboratory Technician

**NEW YORK STATE**
**DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

***Request to Import/Reuse Fill or Soil***

*This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.*

## SECTION 1 – SITE BACKGROUND

The allowable site use is: Commercial or Industrial Us

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? 500-800

If greater than 1000 cubic yards will be imported, enter volume to be imported:

## SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? yes

Does it contain less than 10%, by weight, material that passes a size 100 sieve? yes

Is this virgin material from a permitted mine or quarry? yes

Is this material recycled concrete or brick from a DEC registered processing facility? no

## SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

As per DER10, Section 5.4(e)(5), the imported material will be used as backfill beneath pavement and part of the final site cover. The material consists of Type 2 Crushed stone which contains less than 10% by weight which would pass through a size 80 sieve and consists of virgin material from a permitted quarry. Chemical testing is not required.

*Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.*

*If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.*

## SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Due to the fact that the materials is a virgin stone and contains 8% fines passing through a #80 sieve, the materials meets the chemical sampling exemption presented in section 5.4 (e) (5) of the DER-10 for materials with <10% passing a # 80 sieve (as identified in section 2 of this form) and does not require chemical testing

---

*Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.*

*If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.*

## SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Sessler Environmental subcontractor to Tonawanda Storage Properties

Location where fill was obtained:

New Enterprise Stone & Lime Co., Inc., 8615 Wehrle Dr., Buffalo, NY 14221

Identification of any state or local approvals as a fill source:

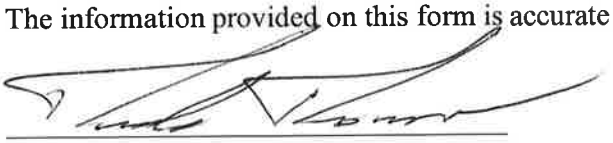
DEC Permit No. 90018

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

Sieve and gradation

The information provided on this form is accurate and complete.



Signature

7/17/2024

Date

Frank Thomas

Print Name

Sessler Environmental Services

Firm

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

**Division of Environmental Remediation, Region 9**
700 Delaware Avenue, Buffalo, NY 14209
P: (716) 851-7220 | F: (716) 851-7226
www.dec.ny.gov

July 18, 2024

Bruce Ahrens
Leader Professional Services, Inc.
271 Marsh Road, Suite 2
Pittsford, New York 14534

Dear Bruce Ahrens:

**Request to Import Aggregate to Former Bisonite Paint Co. Site**
**Site No. C915010**
**Tonawanda, NY 14150**

The Department has reviewed the request dated and received July 17, 2024, to import 500-800 cubic yards of 2-inch R.O.C. stone material from New Enterprise Stone and Lime Co., Inc. located at 8615 Wehrle Drive. Based on the information provided, the request is hereby approved.

The proposed fill material meets the requirements for material other than soil (i.e., gravel, rock, stone, recycled concrete or recycled brick) as specified in section 5.4(e)(5) of DER-10. Therefore, this material may be placed below the demarcation barrier or above the demarcation layer as part of the final site cover.

Testing in accordance with DER-10 and the Remedial Action Work Plan and approval by the Department is required for additional material imported from this source.

Should you have any questions or would like to discuss the matter in further detail, feel free to contact me at michael.keller@dec.ny.gov or (716) 851-7218.

Sincerely,

Michael Keller, E.I.T.
Project Manager

MK/ds

ec: Andrea Caprio, P.E., Regional Remediation Engineer, NYSDEC Region 9
Benjamin McPherson, P.E., Professional Engineer I, NYSDEC Region 9
Joshua Vaccaro, Assistant Engineer, NYSDEC Region 9
Steven Turybury, P.E., Project Engineer, Marsh Engineering D.P.C.
John Stevens, Tonawanda Storage Properties, LLC
Timothy Sheehan, AMC Northfield CR#3, LLC