

**Technical Micronics Control
Huntsville, Madison County, Alabama
ADEM VCP Site #: 461-089-24002**

Fact Sheet

An initial Voluntary Property Assessment Report and Environmental Covenant have been found to be technically adequate by the Alabama Department of Environmental Management (ADEM) for **Technical Micronics Control** in Huntsville, Alabama. This fact sheet has been prepared to briefly advise the public of the principal legal and policy issues of the VCP.

I. VCP PROCESS

The VCP provides a mechanism for the implementation of a cleanup program that encourages applicants to voluntarily assess, remediate, and reuse rural and urban areas of actual or perceived contamination. The program does not relieve any “responsible person” for the liability for administrative, civil, or criminal fines or penalties which are otherwise authorized by law and imposed as a result of the illegal or unpermitted disposal of solid waste, hazardous waste, hazardous constituents, hazardous substances, petroleum products, and/or pollutants to the land, air, or waters of the State on an identified property. The program is designed to expedite the voluntary cleanup process and has been designed for entry at any stage of the cleanup process as long as all applicable criteria have been met up to the point of entry.

II. PROCEDURES FOR REACHING A FINAL DECISION

ADEM is proposing to issue the Technical Micronics Control Site an Environmental Covenant for the site remediation. The Voluntary Property Assessment Report and Environmental Covenant include a proposal of the implementation of institutional controls by placing an environmental covenant on the subject property that prohibits the use of groundwater and use a sub-slab depressurization system for potential risk of vaporous contaminants..

ADEM Admin Code R. 335-15-6-.02 requires that the public be given a 30-day comment period from the date of the notice. The comment period will begin on May 6, 2026, which is the date of publication of the public notice in major local newspaper(s) of general circulation and will end on June 5, 2026.

All persons wishing to comment on any of the conditions of the VCP Remediation should submit their comments in writing to ADEM, Permits and Services Division, 1400 Coliseum Blvd. (Zip 36110). P.O. Box 301463 (Zip 36130-1463) Montgomery, Alabama, ATTENTION: Mr. Russell Kelly. Written comments on the VCP activities should be submitted to ADEM and be received by June 5, 2026.

ADEM will consider all written comments received during the comment period while making a final decision on this issue. When ADEM makes its final decision, notice will be given to the applicant and each person who has submitted written comments or requested notice of the final decision.

III. FACILITY DESIGN

DeSmet Properties, LLC has completed site investigation activities under the VCP at Technical Micronics Control located at 210 Wynn Drive, NW, Huntsville AL. Currently the subject property consists of 15,500 square feet two-story administration building, 2,400 sf non-destructive testing (NDT) building and 800 sf service addition, and 5,400 sf precision cleaning building. The structure will continue to operate as a precision chemical cleaning service. DeSmet Properties, LLC proposes to implement institutional control through an environmental covenant to restrict the use of groundwater and use a sub-slab depressurization system for potential risk of vaporous contaminants.

IV. TECHNICAL CONTACT

Alyce Crayton, Project Manager
Redevelopment Section
Industrial Hazardous Waste
Branch Land Division
Alabama Department of Environmental
Management 1400 Coliseum Boulevard (Zip
36110)
P.O. Box 301463 (Zip 36130-1463)
Montgomery, Alabama
(334) 271-7740



101 Quality Circle NW, Ste. 130
Huntsville, AL 35806
256.384.6768
www.ttlusa.com

April 7, 2025

Alabama Department of Environmental Management
Brownfields Redevelopment and Voluntary Cleanup Program
1400 Coliseum Boulevard
Montgomery, Alabama 36110-2400

Attention: Ms. Crystal Collins, Chief, Redevelopment Unit, Land Division

RE: **Voluntary Cleanup Work Plan**
Technical Micronics Control – Site No. 461-089-24002
Huntsville, Madison County, Alabama
TTL Project No. 230500461.00

Dear Ms. Collins:

On behalf of DeSmet Properties, LLC, TTL, Inc. is pleased to provide the following Voluntary Cleanup Work Plan for the Technical Micronics Control Facility located at 210 Wynn Drive, NW, in Huntsville, Madison County, Alabama (Site No. 461-089-24002). This work plan was prepared pursuant to the Alabama Department of Environmental Management Land Division, Brownfield Redevelopment and Voluntary Cleanup Program Regulations, Division 335-15.

We appreciate ADEM's assistance in helping DeSmet Properties, LLC, voluntarily cleanup and operate this property. If you have any questions, please do not hesitate to contact either of the undersigned.

Respectfully submitted,

TTL, Inc.

Benjamyn Savard, G.I.T.
Project Professional

Charles R. Olgee, P.E.
Principal Engineer

Table of Contents

1.0 PROJECT INFORMATION	1
1.1 Applicant and Site Information	1
1.2 Site History	2
1.3 Anticipated Future Site Use.....	3
2.0 SUMMARY OF ASSESSMENT ACTIVITIES.....	3
2.1 Assessment Overview	3
2.2 Phase I Environmental Site Assessment (S&ME, Inc. December 2022).....	4
2.2 Limited Phase II Environmental Site Assessment (S&ME, Inc. August 2022).....	4
2.3 Near-Surface Soil Assessment (TTL, Inc. May & June 2024).....	5
2.4 Sub-Slab Soil Gas Survey (TTL, Inc. January 2025).....	8
3.0 RISK CONSIDERATION	13
3.1 Soil	13
3.2 Groundwater	13
3.3 Vapor Intrusion.....	14
4.1 Soil Management Plan	14
4.2 Sub-Slab Depressurization System.....	15
4.3 Groundwater Management Plan.....	15
4.4 Environmental Covenant.....	15
4.5 Certification of Compliance	16

1.0 PROJECT INFORMATION

1.1 Applicant and Site Information

Applicant Information		Site Information	
Name	DeSmet Properties, LLC	Address	Technical Micronics Control 210 Wynn Drive, NW Huntsville, Alabama 35802
Address	9210 Buchanan Trail West Mercersburg, PA 17236		
Contact	Paul DeSmet paul.desmet@tmccorp.com Phone: (256) 690-4819	Owner	C & R Properties, LLC 210 Wynn Drive, NW Huntsville, Alabama 35805
Responsible Official	Paul DeSmet paul.desmet@tmccorp.com Phone: (256) 690-4819		

TTL, Inc. (TTL) has prepared this Voluntary Cleanup Work Plan on behalf of DeSmet Properties, LLC (DeSmet Properties), for the Technical Micronics Control, Inc. (TMC) facility, to address environmental concerns associated with the subject property. The subject property is located at 210 Wynn NW, in Huntsville, Madison County, Alabama and identified as Madison County tax parcel 17-03-05-1-001-015.000, PPIN 27357. Figure 1 below depicts the location of the subject property and surrounding area.



Figure 1 - Property Location and Surrounding Area

The subject property encompasses about 6.80 acres and is currently developed with an approximately 15,500 square feet (sf) two-story administration building, 2,400 sf non-destructive testing (NDT) building and 800 sf service addition, and 5,400 sf precision cleaning building. The two-story administration/office building is located on the west portion of the site adjacent to Wynn Drive. The NDT and precision cleaning buildings are located on the northeast portion of the site, southwest of McDonald Creek. McDonald Creek bisects the subject property, flowing northwest to southeast. The portion of the subject property northeast, across McDonald Creek, is undeveloped.

TMC currently provides in-house and on-site precision chemical cleaning services to defense, aviation, and space industries. Precision chemical cleaning is the process of removing microscopic contaminants in manufactured pipes, tubes, and fittings, to include low and high-pressure jet cleaning and passivation of stainless and carbon steels. In addition to precision cleaning services, TMC provides proof/pressure testing (pneumatic and hydrostatic), helium leak testing, and vacuum bake-out. Additionally, they provide tube bending and panel fabrication services for the aerospace and defensive industries.

1.2 Site History

Based on a review of available land records, the subject property was purchased by the Dow Chemical Company from the Research Sites Foundation (now the UAH Foundation) in the early 1960s, prior to its initial development. The laboratory building was constructed around 1962-1963. Technical Micronics Control, Inc. (TMC) was reportedly formed in 1965, and George Epps purchased the site from Dow Chemical Company in April 1967.

Based on references contained in several documents reviewed in the Alabama Department of Environmental Management (ADEM) e-file system, Management Services Incorporated of Tennessee (Management Services) owned and/or operated the site prior to its 1967 acquisition by George Epps. Management Services was a subcontractor to the National Aeronautics and Space Administration (NASA) and reportedly recycled waste solvents, including trichloroethylene and freon, on the subject site.

In 1967, George Epps became president and operating manager for TMC. TMC operated as a laboratory and intermediate hazardous waste storage site from around 1967 through at least the late 1990s. Hazardous wastes including solvents, polychlorinated Biphenyls (PCBs), and plating wastes, were reportedly brought to the site from other facilities and stored for indeterminate periods of time preceding transportation to hazardous waste disposal facilities. During this time frame, it also appears that another entity, Scientific Services, Inc., operated a laboratory on the subject site and served as a hazardous waste broker.

In the summer and fall of 1979, the Alabama Water Improvement Commission (Alabama WIC), a predecessor to the ADEM, visited the TMC site while investigating several fish kills in McDonald Creek. During the investigation, the Alabama WIC observed several tanks and drums on the TMC property which reportedly contained plating solutions (zinc cyanide, chromic acid, and chromium), waste solvents, acids (phosphoric, hydrochloric, hydrofluoric, and sulfuric), and numerous unidentified drums and containers. There were also five open-topped vats containing approximately 7,500 gallons of waste chemicals. During this visit, Alabama WIC personnel observed 30-gallons of resin-type material containing PCBs that had been disposed into a drainage ditch on the property. The Solid Waste Division of the State Health Department directed TMC to clean up and properly dispose of the stored wastes.

Both the Solid Waste Division and Alabama WIC conducted follow-up investigations over the next year, which concluded that TMC was not making sufficient progress in disposing of the stored waste and cleaning up the site.

On February 4, 1980, the Alabama WIC filed a Consent Order against TMC for improper storage of hazardous wastes, releases of hazardous and chemical wastes onto the facility property and nearby McDonald Creek, and soil/surface water contamination. Also, in February 1980, the US Environmental Protection Agency (USEPA) conducted a Preliminary Assessment of the facility. This assessment identified drums of waste solvents, drums of heavy metals (plating) waste, and referenced PCB-contaminated soil on the subject property.

Between 1980 and 1996, TMC reportedly disposed of the accumulated hazardous waste at permitted hazardous waste disposal facilities as part of their property clean-up. Additional investigations were performed under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and the Superfund Amendment and Reauthorization Act (SARA). The TMC facility was listed as a Low Priority under the Hazard Ranking System (HRS) for proposal to the National Priority List (NPL).

In June 2000 the site was conveyed by George Epps to Epps Properties, LLC. In July 2000, reassessment of the site under USEPA Region IV, Superfund Technical Assessment and Response Team (START), determined that no further assessment under CERCLA was required. However, the reassessment report recommended that the site be monitored regularly by the ADEM.

1.3 Anticipated Future Site Use

DeSmet Properties is proposing to purchase the subject property. Paul DeSmet plans to purchase and continue to operate TMC as a precision chemical cleaning service. TMC will continue to provide in-house and on-site proof/pressure testing (pneumatic and hydrostatic), helium leak testing, and vacuum bake-out services. TMC will also continue to provide tube bending and panel fabrication services for the aerospace and defensive industries.

In addition to housing the administrative offices for TMC, portions of the administrative building may also be leased to other tenants.

2.0 SUMMARY OF ASSESSMENT ACTIVITIES

2.1 Assessment Overview

In December 2022, DeSmet Properties contracted with S&ME, Inc. to perform a Phase I Environmental Site Assessment of the site. As part of the Phase I assessment, DeSmet Properties was provided with a draft copy of a Phase II Environmental Site Assessment report of the subject site, performed by S&ME, *Phase II Environmental Site Assessment (Draft) – Technical Micronics Control, S&ME Project No. 22820120, dated August 18, 2022.*

On March 20, 2023, DeSmet Properties submitted a *Voluntary Cleanup Program Application to Participate* to the ADEM. In correspondence dated May 9, 2023, ADEM determined that Paul DeSmet and DeSmet Properties, LLC was eligible to enroll as a *Non-Responsible Party* for the subject property. ADEM correspondence dated December 21, 2023, acknowledged acceptance of Paul DeSmet's application to participate in the Voluntary Cleanup Program and assigned the TMC site ADEM VCP No. 461-089-24002.

On January 19, 2024, TTL prepared and submitted a Voluntary Cleanup Program Assessment Plan to the ADEM for the facility, on behalf of DeSmet Properties. The Assessment Plan provided a proposed scope of work to further evaluate previously identified environmental impacts that could adversely affect current and future occupants of the TMC site. The ADEM approved the Voluntary Cleanup Program Assessment Plan in a letter dated March 18, 2024.

The following sections summarize the findings of the assessment activities completed for the subject property.

2.2 Phase I Environmental Site Assessment (S&ME, Inc. December 2022)

DeSmet Properties contracted with S&ME, Inc. to perform a Phase I Environmental Site Assessment of the site in December 2022. The findings of the Phase I assessment concluded that although several investigations were conducted on the subject site by various State and Federal agencies, the potential for solvent contamination, PCBs, and metals contamination in soil and groundwater was never fully assessed.

The Phase I assessment also identified the former Chrysler facility, located approximately 900 feet south of the subject site at the intersection of Wynn Drive and Technology Drive, as a recognized environmental condition to the subject site. Assessments conducted at the Chrysler facility identified trichloroethylene, dichloroethylene, and other constituents in soil and groundwater. Multiple treatment and remediation systems were operated at the Chrysler facility and a groundwater monitoring program was developed.

The Phase I assessment included a groundwater monitoring report for the Chrysler facility, prepared by Enviro Analytics Group, and dated September 5, 2017. Information contained in the groundwater monitoring report suggested that contamination from the former Chrysler facility could potentially flow to the north under certain conditions, toward the TMC property. S&ME concluded that there was potential for the documented releases from the Chrysler facility to have impacted groundwater on the TMC property.

2.2 Limited Phase II Environmental Site Assessment (S&ME, Inc. August 2022)

In conjunction with the Phase I ESA, DeSmet Properties was provided with a draft copy of a Limited Phase II Environmental Site Assessment report of the subject site, performed by S&ME, *Limited Phase II Environmental Site Assessment (Draft) – Technical Micronics Control, S&ME Project No. 22820120, dated August 18, 2022*. The draft August 2022 Phase II assessment is summarized below:

- S&ME installed 14 direct-push soil borings across the subject property. Terminal boring depths ranged from 10 feet to 20 feet below ground surface. Following completion of the borings, S&ME installed four 1-inch diameter, Schedule 40 PVC temporary monitoring wells in borings B-1, B-2, and B-5 and B-14.
- Soil samples were collected and analyzed for Volatile Organic Compounds (VOCs), Semi-Volatile Organic Compounds (SVOCs), RCRA Metals, and polychlorinated biphenyls (PCBs). Sampled intervals were selected based on field indicators of impact, or the deepest interval, or collected in proximity to migration pathways such as chert seams. The four groundwater samples were analyzed for VOCs, SVOCs, RCRA Metals, and PCBs.
- The results of the soil analysis were compared to various risk-specific numerical criteria established by the Environmental Protection Agency (EPA) Regional Screening Levels (RSLs). Analytical results for the four groundwater samples were compared to the corresponding Regional Screening Levels for residential tap water.

- Arsenic concentrations in soil ranged from 2.58 mg/kg in Boring B-4 to 13.1 mg/kg in Boring B-12, exceeding the Residential RSL of 0.68 mg/kg. S&ME concluded that although the concentrations of Arsenic in each boring exceeded the Residential RSL, they were within a range of concentrations considered anthropogenic in north Alabama due in part to historical agricultural land use of the area.
- Barium, chromium, and lead were detected in soil at concentrations above the MDL but below the corresponding EPA RSL in each sample collected.
- Benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, benzo(a)pyrene, chrysene, fluoroanthene, indeno(1,2,3-cd)pyrene, phenanthrene, and pyrene were detected in soil samples collected from Boring B-9. The constituent concentrations in soil were below the corresponding EPA RSL.
- Trichloroethene was detected in all the soil samples collected and in groundwater samples collected from Borings B-1, B-3, and B-5. The constituent concentrations in soil were below the corresponding EPA RSL, however, the constituent concentrations detected in groundwater exceeded the corresponding Tapwater RSL.
- Polychlorinated biphenyl (PCB) Aroclor 1254, 1,1,2-Trichlorotrifluoroethane, cis-1,2-dichloroethene, and tetrachloroethene were detected in soil samples collected from Boring B-6 at concentrations below the EPA RSL.

The *Boring Location Plan* from the S&ME report, included as Figure 2 on the following page, illustrates the locations of the borings completed by S&ME for the limited assessment.

2.3 Near-Surface Soil Assessment (TTL, Inc. May & June 2024)

In accordance with the approved Assessment Plan, TTL completed an assessment of near-surface soil considered most likely to be encountered/disturbed by routine site activities (construction, landscaping, etc.) in May and June 2024.

Initial field work, including shallow soil boring and sample collection, was performed between April 29 and May 1, 2024. Prior to sampling, an approximate 100 ft by 100 ft, or 150 ft by 100 ft grid was established across the site resulting in a total of 23 individual sample areas. Depending on the size of the grid, between four and six direct-push or hand auger borings were advanced to a depth of approximately two feet within each sampling area. Soil samples from the individual borings within each area were composited into a single sample considered representative of that area. The samples were placed in laboratory-supplied containers and transported to the analytical laboratory accompanied by completed chain-of-custody documentation. Figure 3 on Page 7 shows the sample grid and locations for the near-surface soil assessment.

Due to courier delivery delays, all of the soil samples from the April 29 to May 1, 2024 sampling event arrived at the laboratory above the required temperature and were not analyzed. The entire site was re-sampled on May 22, 2024 using the same grid and composite sample protocol as was used during the initial sampling event. Due to courier delays, two of the three coolers containing samples from the May 22, 2024 sampling event arrived at the laboratory above the required temperature and were not analyzed. A third round of sampling was performed on June 18, 2024 using the same grid and composite sample protocol as was used during the previous sampling events. The samples from the June 18, 2024 sampling event arrived at the laboratory within the required temperature range and were analyzed.



Figure 2 - Boring Location Map

(Excerpt from *Limited Phase II Environmental Site Assessment (Draft) – Technical Micronics Control, S&ME Project No. 22820120, dated August 18, 2022*)



Figure 3 – Shallow Soil Sampling Grid and Locations

The 23 composite soil samples were analyzed for VOCs, SVOCs, RCRA Metals, and PCBs. The results of the soil analysis were compared to risk-specific numerical criteria established by the EPA in the Regional Screening Levels for Industrial Soils (RSLi). The results of the shallow soil sampling are summarized as follows:

Arsenic concentrations in soil ranged from 4.18 mg/Kg in sample B-22 to 13.80 mg/Kg in sample B-16, exceeding the Industrial RSL of 3.00 mg/Kg. TTL concluded that although arsenic concentrations in each composite sample exceeded the RSLi, they were within a range of concentrations considered anthropogenic in north Alabama. (Ref. *Effect of Land-applied Arsenicals on the Soils of Alabama*, Asish Kumar Bharati, Auburn University, December 13, 2010).

- Chromium (total) was detected in each of the samples analyzed. Detected concentrations in samples B-15, B-16, and B-17 exceeded 100 mg/kg. These three samples were analyzed for Hexavalent Chromium which was not detected above the Reporting Limit (RL) in any of the samples. Total Chromium concentrations were less than 72.6 mg/kg the remainder of the samples.
- Barium and lead were detected in several samples at concentrations above the RL, but below the corresponding RSLi.
- Mercury was detected in 19 samples above the RL but below the corresponding RSLi.
- Aroclor 1254, a PCB compound, was detected in samples from B-17 and B-20 above the RL but below the corresponding RSLi.
- Benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, chrysene, pyrene, benzo(k)fluoroanthene, and indeno(1,2,3-cd)pyrene were detected in sample B-4. Fluoranthene was detected in samples B-3, B-4, and B-8. The constituent concentrations in each sample were below the corresponding RSLi.
- Trichloroethene was detected in samples from B-16, B-17, and B-20. cis-1,2-Dichloroethene was detected in the sample from B-16, and Methyl acetate was detected in samples B-22 and B-23. All constituent concentrations sample were below the corresponding RSLi.
- Acetone was detected in each of the samples analyzed above the RL but below the corresponding RSLi. Acetone is a widely used solvent and cleaner in laboratories and often appears in environmental datasets as low-concentration false positives.

A summary table is provided in Appendix A The *Analytical Reports* for May 2024 (*Job Number 400-256770-1*) and June 2024 (*Job Number 400-257981-1*) are provided in Appendix B.

2.4 Sub-Slab Soil Gas Survey (TTL, Inc. January 2025)

To further evaluate the potential risk to future occupants of the on-site buildings from VOC vapors that could potentially migrate from the subsurface into the air inside the building, TTL performed a sub-slab soil gas survey of the three occupied buildings in January 2025. The findings of the sub-slab soil gas survey are summarized below.

TTL collected a total of 10 sub-slab soil gas samples, approximately sample for every 1,600 square feet of floor area, from the three occupied buildings on the subject property:

- Two samples were collected from the NDT building (SG-1, SG-2)
- Three samples were collected from the precision cleaning building (SG-3, SG-4, and SG-5), and
- Five samples were collected from the administration building (SG- 6 through SG-10)

The approximate locations of the soil gas samples are shown in the following Figures:

- Figure 4 - NDT building (Page 10)
- Figure 5 - Precision leaning building (Page 11), and
- Figure 6 - Administration building (Page 12).

The soil gas samples were collected using Vapor Pin® equipment and technology. After drilling a 5/8-inch diameter hole through the concrete floor slab, a Vapor Pin® was installed to allow for sub-slab soil gas sample collection. By design, the Vapor Pin® has a dedicated silicone sleeve that when installed, seals the annulus between the stainless-steel sample “pin” and the concrete. The seal created with the installation of the Vapor Pin® was tested to confirm ambient air from above the slab was not entering the sample apparatus with the use of a ‘water dam’ on the slab surface that covered the Vapor Pin®. Once the water dam has been filled with distilled water, a vacuum was applied to the tubing connected to the Vapor Pin® and the level of water within the water dam was monitored. A complete seal was confirmed at all sample locations.

Sampling was initiated once the sampling devices were installed. Sampling was conducted by attaching dedicated Teflon® tubing to the Vapor Pin® with the other end of the tubing connected to a 3-way connector on the sample train ahead of a flow controller (regulator) connected to a pre-evacuated, Summa canister. The canisters for each sample consisted of a volume of 1 liter and the flow controller was calibrated by the laboratory to collect soil gas at an approximate rate of 250 milliliters/minute (ml/min). With the regulator remaining closed, an air volume calculated to be a minimum of three times the air volume within the sampling train was purged using a calibrated syringe. Following the purging process, the 3-way valve was closed sealing the purge port and the purge line was removed. Sampling then commenced by opening the regulator on the Summa canister. The Summa canisters were submitted to EMSL Analytical, Inc., under chain-of custody and analyzed for VOCs by EPA Method TO-15

Twenty-three VOCs were detected above their respective RL in one or more soil gas samples (see Table 2, Appendix A).

Of the 23 VOCs detected, only Trichloroethene was detected at concentrations above the Target Sub-Slab Soil Gas screening levels as derived from the US EPA Vapor Intrusion Screening Level (VISL) calculator in samples SG-3, SG-4, and SG-5, collected in the precision cleaning building.

The *Analytical Report* for the sub-slab soil gas sampling is provided in Appendix C.

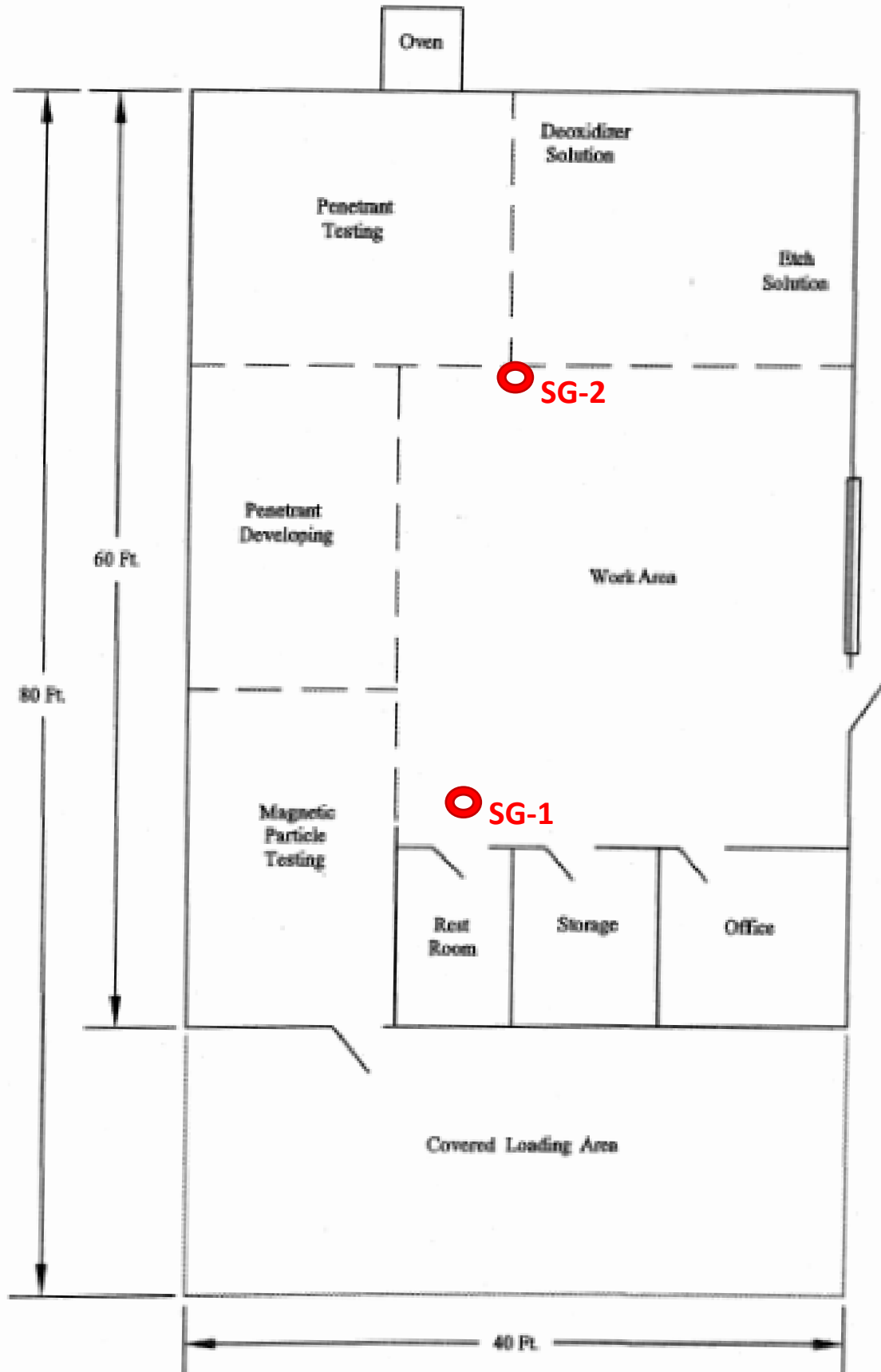


Figure 4 – NDT Building Sub-Slab Soil Gas Sampling Locations

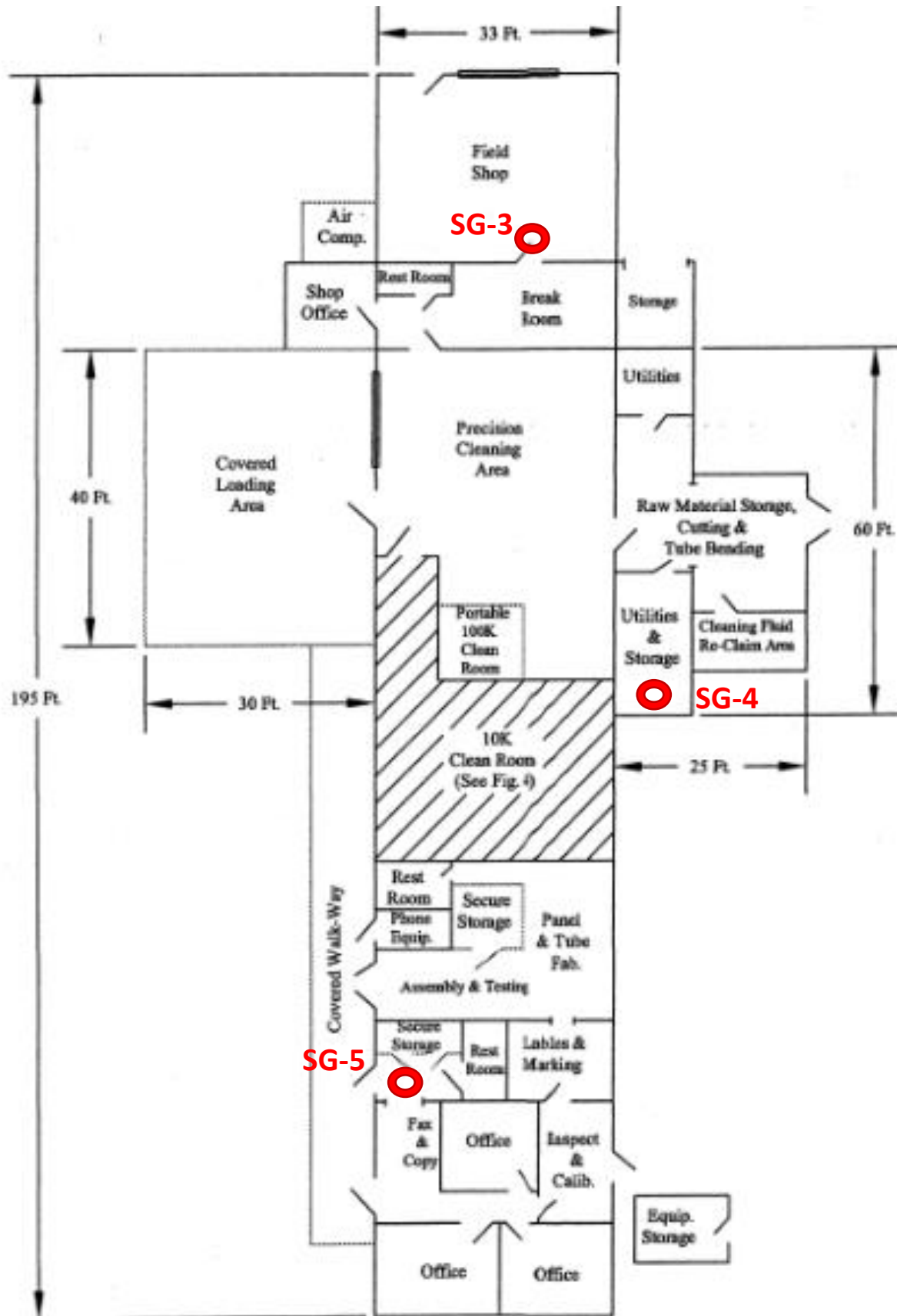


Figure 5 – Precision Cleaning Building Sub-Slab Soil Gas Sampling Locations

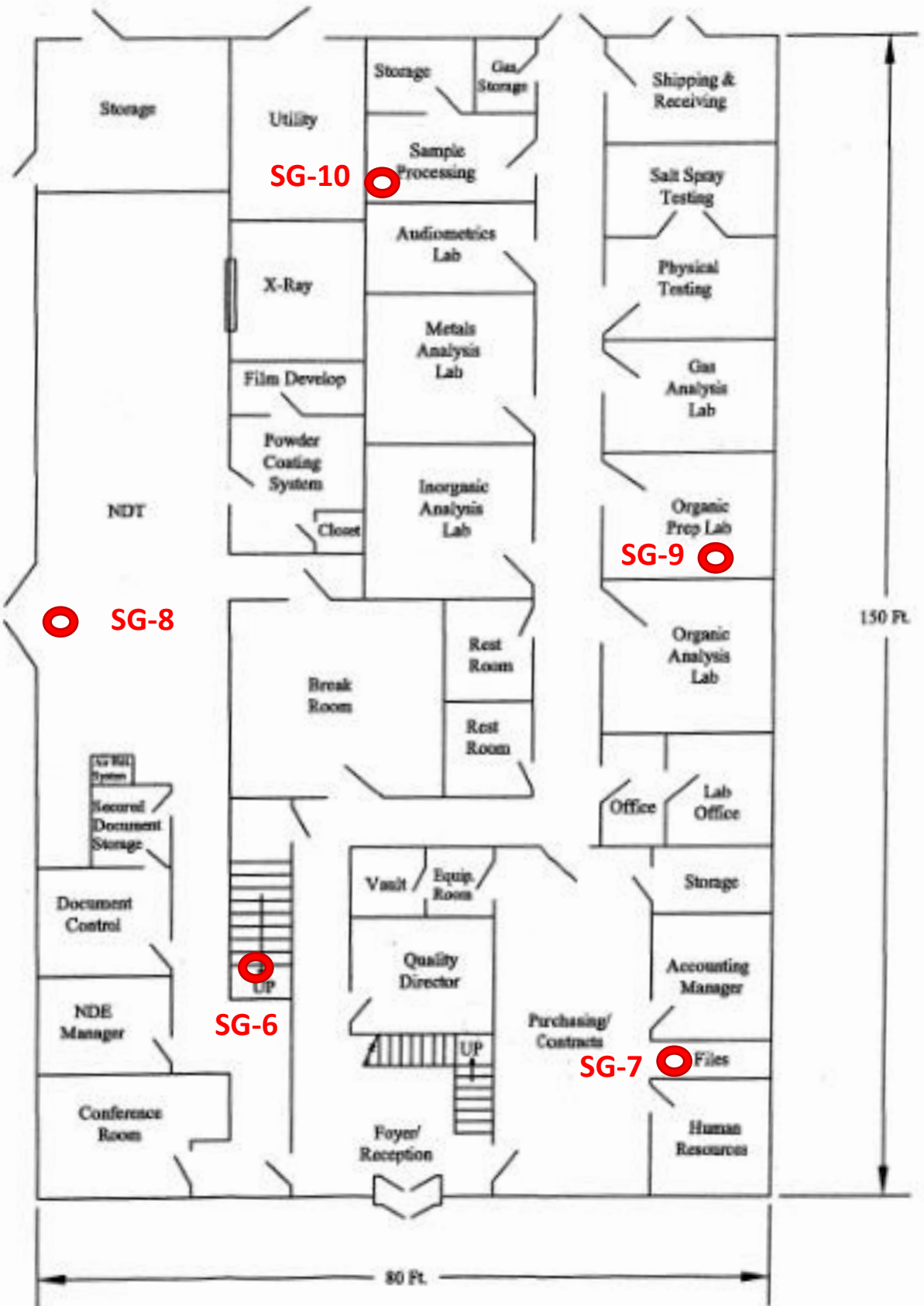


Figure 6 – Administration Building Sub-Slab Soil Gas Sampling Locations

3.0 RISK CONSIDERATION

DeSmet Properties is proposing to purchase the subject property. Paul DeSmet plans to continue to operate TMC as a precision chemical cleaning service and continue to provide in-house proof/pressure testing, helium leak testing, tube bending and panel fabrication services. Portions of the administration building may be leased to tenants other than TMC.

TTL anticipates that a land use restriction will be included in the Environmental Covenant that would limit future use of the site to commercial and industrial uses only. Therefore, anticipated receptor populations for the site include commercial/industrial workers and construction workers.

3.1 Soil

Chromium (total) was detected in each of the samples analyzed. Detected concentrations of Chromium in samples B-15, B-16, and B-17, exceeded 100 mg/kg. These three samples were subsequently analyzed for Hexavalent Chromium which was not detected above the RL in any of the samples. Total Chromium concentrations were less than 72.6 mg/kg the remainder of the samples.

Aroclor 1254, a PCB compound, was detected in samples from B-17 and B-20 above the RL but below the corresponding RSLi.

Cadmium, Silver, and Selenium were not detected above applicable RLs in any of the soil samples analyzed. Barium, mercury and lead were detected in several samples at concentrations above the RL, but below the corresponding RSLi.

VOC and SVOC constituents were detected in several samples at concentrations above the RL, but below the corresponding RSLi.

Arsenic concentrations in the 23 near-surface soil samples were detected above the RSLi. Although these concentrations TTL concluded that they are within a range of concentrations considered anthropogenic in north Alabama, TTL calculated the construction worker Risk-Based RSLs for arsenic in soil using the EPA RSL Calculator Tool (see Appendix D). The highest detected arsenic concentration (13.80 mg/kg in B-16) was used for the construction worker receptor scenario. Risk-based RSL were calculated using a Target Risk of 10^{-6} and a Hazard Index of 1. The detected arsenic concentration was then compared to the calculated risk-based RSL. No arsenic concentration exceeded the calculated risk-based RSL.

3.2 Groundwater

As part of the Limited Phase II assessment, conducted by S&ME in July-August 2022, three groundwater samples were submitted for laboratory analysis. The analytical results were compared to the EPA Regional Screening Levels for Tapwater (Tapwater RSL). The results are summarized as follows:

Boring B-1 (GW-1)

Barium, Chromium (total), 1,1-Dichloroethane, 1,1-Dichloroethene, cis-1,2-dichloroethene, 1,1,2-trichlorotrifluoroethane, tetrachloroethene, and trichloroethene were detected above the Method Detection Level (MDL). Concentrations of tetrachloroethene and trichloroethene exceeded the corresponding Tapwater RSL.

Boring B-3 (GW-3)

Barium and cis-1,2-dichloroethene were detected in the groundwater sample from boring B-3 above the MDL but below the corresponding Tapwater RSL. Concentrations of trichloroethene exceeded the corresponding Tapwater RSL.

Boring B-5 (GW-5)

Barium, di-n-butyl phthalate, and diethyl phthalate were detected in the groundwater sample from boring B-5 above the MDL but below the corresponding Tapwater RSL. Concentrations of cis-1,2-dichloroethene and trichloroethene exceeded the corresponding Tapwater RSL.

An Environmental Covenant will be required for the subject property upon completion of the tasks included in the Voluntary Cleanup Work Plan. The conditions expected to be incorporated into the Environmental Covenant include a restriction on the use of groundwater on the subject property for potable use or for irrigation.

3.3 Vapor Intrusion

TTL performed a sub-slab soil gas assessment to evaluate the potential risk to future occupants of the three on-site buildings from VOC vapor migration. As part of the sub-slab soil gas assessment, 10 soil gas samples were collected and analyzed for VOCs by EPA Method TO-15. Results of the analysis identified 23 VOCs above their respective RL in one or more soil gas samples. Of the 23 VOCs detected, only Trichloroethene was detected in samples SG-3, SG-4, and SG-5 at concentrations above the Target Sub-Slab Soil Gas screening level as derived from the VISL calculator. Samples SG-3, SG-4, and SG-5 were collected in the precision cleaning building.

The detected VOC concentrations were evaluated using the EPA VISL calculator with input values set to commercial land use, with a target risk (TR, carcinogenic risk) of 1.0×10^{-6} and a target hazard quotient (THQ, non-carcinogenic risk) of 0.1. Results of the VISL calculator identified a calculated risk that exceeds 1.0×10^{-6} for both carcinogenic and 0.1 for non-carcinogenic risk in sample SG-3.

Based on the potential risk of occupant exposure to vaporous form contaminants in the precision cleaning building, the applicant is proposing to install a sub-slab depressurization system.

4.0 VOLUNTARY CLEANUP WORK PLAN

With this submittal, TTL seeks ADEM's approval, including the requisite 30-day public comment period, to move forward with the implementation of this Voluntary Cleanup Work Plan. Elements of the Voluntary Cleanup Work Plan are summarized in this section.

4.1 Soil Management Plan

The anticipated future operation of the facility provides for the current buildings and areas outside the buildings to effectively remain in their current configurations. Limited excavation into the on-site soil may occur as part of routine site and building maintenance. The practices outlined in this soil management plan will also be applicable to future projects involving deep soil excavation and/or excavation of significant volumes of on-site soil.

Based on the limited potential risk associated with near surface soil at this site, the following soil management practices will be implemented by the property owner/developer:

- Site workers who are expected to be reasonably exposed to potentially impacted soil during construction or demolition activities shall be alerted to the potential constituents of concern associated with the soils on the site. The contractor will prepare a site-specific Health and Safety Plan to protect workers during project construction.

- Excavated soil can be used to backfill the same excavation from where it originated or placed in other areas within the subject property boundary, outside of any regulated floodplain and/or floodway.
- All waste that is generated from investigation or remediation activities is a solid waste that must be managed properly. Any soil that is scheduled to be removed from the site must first be characterized, by sampling and laboratory analysis, to determine if it is a hazardous waste. Provided that the waste soil is determined to not be a hazardous waste, it will require handling and disposal as Special Waste as defined in ADEM Admin. Code r. 335-13-1-.03. Approval must be obtained from ADEM prior to the offsite disposal of any soil from the site.

4.2 Sub-Slab Depressurization System

Sub-slab vapors will be evacuated from the precision cleaning building utilizing a sub-slab depressurization system (SSDS). The sub-slab depressurization system is anticipated to consist of a multiple zone extraction system comprised of vertical risers installed through the concrete floor slab. The vertical risers will be connected to header piping. A valving system will be used to balance the vacuums in the sub-slab system. A blower will be installed and attached to the header and valve system.

As part of the SSDS design, diagnostic testing (pilot testing) will be conducted. The diagnostic testing will include installing extraction points through the floor slab and a series of monitoring locations longitudinally and laterally from each extraction point location. A vacuum will be induced at variable flow rates at each extraction point location utilizing a blower. At each flow rate, the vacuum of the longitudinal and lateral monitoring locations will be recorded to establish an estimated radius of influence under the slab. The results of the diagnostic testing will be used to determine fan sizes, pipe sizes, pipe run locations, flow rates, and system vacuums for the SSDS.

4.3 Groundwater Management Plan

The groundwater on, under, or from the Property shall not be used for potable use or purposes of irrigation.

4.4 Environmental Covenant

TTL understands that an Environmental Covenant will be required for the Property upon completion of the tasks included in the Voluntary Cleanup Work Plan. The conditions expected to be incorporated into the Environmental Covenant are as follows:

- Requirement to install and maintain the sub-slab depressurization system beneath the precision cleaning building.
- Restriction that prohibits residential development on the subject property.
- Restriction that prohibits the use of groundwater on the subject property for potable use or irrigation.
- Construction activities involving excavation of the on-soils must follow the practices outlined in the Soil Management Plan.

4.5 Certification of Compliance

Upon completion of the activities outlined in this Voluntary Cleanup Work Plan, TTL, on behalf of DeSmet Properties, will submit a Certification of Compliance indicating that the activities are complete and request that the ADEM issue a Conditional Letter of Concurrence for the property.

5.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONAL



Charles R. Olgee, P.E.
Principal Engineer

APPENDIX A
LABORATORY RESULTS SUMMARY TABLES

CLIENT: TTL INC
SUMMARY OF ANALYTICAL RESULTS FOR JOB#: 400-257981-1
METHOD: METALS BY SW8466010D
PROJECT NAME: TECHNICAL MICRONICS CONTROL

EUROFINS PENSACOLA

ANALYTE NAME	UNITS	CAS#	EPA Regional Screening Levels		B1 (A-F)	B2 (A-D)	B3 (A-D)	B4 (A-D)	B5 (A-D)	B6 (A-F)	B7 (A-F)	B8 (A-D)	B-9 (A-D)	B-10 (A-D)	B11 (A-D)	B12 (A-D)	B13 (A-D)	B-14 (A-D)	B15 (A-D)	B16 (A-D)	B17 (A-D)	B-18 (A-E)	B19 (A-D)	B20 (A-D)	B-21 (A-E)	B-22 (A-D)	B-23 (A-C)		
			Residential	Industrial	06/18/2024	06/18/2024	06/18/2024	06/18/2024	06/18/2024	06/18/2024	06/18/2024	06/18/2024	06/18/2024	06/18/2024	05/22/2024	05/22/2024	06/18/2024	06/18/2024	06/18/2024	05/22/2024	06/18/2024	06/18/2024	06/18/2024	05/22/2024	06/18/2024	06/18/2024	05/22/2024	05/22/2024	05/22/2024
			Arsenic	mg/Kg	7440-38-2	0.68	3.00	7.55	10.2	6.64	6.67	<11.5	10.7	10.5	<11.8	6.81	6.18	8.53	8.13	6.78	7.12	12.3	13.8	8.77	4.71	9.95	6.22	8.13	4.18
Barium	mg/Kg	7440-39-3	1,500	22,000	104	63.9	118	57.6	134	56.0	93.3	158	84.5	118	70.6	61.7	93.0	92.0	54.7	42.1	81.5	66.3	57.0	108	86.6	87.7	112		
Cadmium	mg/Kg	7440-43-9	7.10	100.00	<0.609	<0.524	<0.561	<0.578	<2.88	<0.601	<0.592	<2.96	<0.588	<0.638	<0.574	<0.588	<0.552	<0.580	<0.627	<0.597	<0.561	<0.628	<0.570	<0.607	<0.616	<0.602	<0.595		
Chromium	mg/Kg	7440-47-3	n/a	n/a	64.1	55.2	70.9	57.1	40.9	56.2	46.4	45.0	40.0	31.7	47.1	54.6	37.7	39.1	114	222	268	30.2	72.6	34.2	51.1	23.9	32.5		
Silver	mg/Kg	7440-22-4	390	5,800	<1.22	<1.05	<1.12	<1.16	<5.75	<1.20	<1.18	<5.91	<1.18	<1.28	<1.15	<1.18	<1.10	<1.16	<1.25	<1.19	<1.12	<1.26	<1.14	<1.21	<1.23	<1.20	<1.19		
Lead	mg/Kg	7439-92-1	200	800	16.8	17.9	17.1	20.3	18.7	19.8	36.0	23.0	13.2	20.5	21.3	21.4	19.0	23.4	31.1	19.9	17.9	11.4	19.2	19.1	16.5	13.6	18.5		
Selenium	mg/Kg	7782-49-2	390	5,800	<3.05	<2.62	<2.81	<2.89	<14.4	<3.01	<2.96	<14.8	<2.94	<3.19	<2.87	<2.94	<2.76	<2.90	<3.14	<2.99	<2.80	<3.14	<2.85	<3.03	<3.08	<3.01	<2.97		

THE REGULATORY LEVELS IN THIS DOCUMENT ARE UPDATED ACCORDING TO THE MOST CURRENT VALUES TO THE BEST OF OUR KNOWLEDGE.
EUROFINS PENSACOLA LABORATORY IS NEITHER RESPONSIBLE NOR LIABLE FOR THE REGULATORY LEVELS BEING DIFFERENT FROM THOSE CURRENTLY IN EFFECT BY THE REGULATORY AGENCY.
IF YOU HAVE ANY INFORMATION INDICATING THAT A REGULATORY LEVELS IS IN ERROR, PLEASE CONTACT YOUR EUROFINS PENSACOLA PROJECT MANAGER.

EPA Regional Screening Levels

CLIENT: TTL INC
SUMMARY OF ANALYTICAL RESULTS FOR JOB#: 400-257981-1
METHOD: METALS BY SW8467471B
PROJECT NAME: TECHNICAL MICRONICS CONTROL

EUROFINS PENSACOLA			EPA Regional Screening Levels		B1 (A-F)	B2 (A-D)	B3 (A-D)	B4 (A-D)	B5 (A-D)	B6 (A-F)	B7 (A-F)	B8 (A-D)	B-9 (A-D)	B-10 (A-D)	B11 (A-D)	B12 (A-D)	B13 (A-D)	B-14 (A-D)	B15 (A-D)	B16 (A-D)	B17 (A-D)	B-18 (A-E)	B19 (A-D)	B20 (A-D)	B-21 (A-E)	B-22 (A-D)	B-23 (A-C)	
			Residential	Industrial	06/18/2024	06/18/2024	06/18/2024	06/18/2024	06/18/2024	06/18/2024	06/18/2024	06/18/2024	06/18/2024	06/18/2024	05/22/2024	05/22/2024	06/18/2024	06/18/2024	06/18/2024	05/22/2024	06/18/2024	06/18/2024	06/18/2024	05/22/2024	06/18/2024	06/18/2024	05/22/2024	05/22/2024
ANALYTE NAME	UNITS	CAS#																										
Mercury	mg/Kg	7439-97-6	1.10	4.60	0.0900	0.0641	<0.0270	0.0597	<0.0299	0.0984	0.0698	0.0363	0.0541	<0.0307	0.0981	0.0736	0.0467	0.0700	0.108	0.100	0.0299	0.0325	0.0656	0.0591	0.0475	<0.0319	0.0355	

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IF YOU HAVE ANY INFORMATION INDICATING THAT A REGULATORY LEVELS IS IN ERROR, PLEASE CONTACT YOUR EUROFINS PENSACOLA PROJECT MANAGER.

CLIENT: TTL INC
 SUMMARY OF ANALYTICAL RESULTS FOR JOB#: 400-257981-1
 METHOD: GCSVOA BY SW8468082A
 PROJECT NAME: TECHNICAL MICRONICS CONTROL

EUROFINS PENSACOLA			EPA Regional Screening Levels		B1 (A-F)	B2 (A-D)	B3 (A-D)	B4 (A-D)	B5 (A-D)	B6 (A-F)	B7 (A-F)	B8 (A-D)	B-9 (A-D)	B-10 (A-D)	B11 (A-D)	B12 (A-D)	B13 (A-D)	B-14 (A-D)	B15 (A-D)	B16 (A-D)	B17 (A-D)	B-18 (A-E)	B19 (A-D)	B20 (A-D)	B-21 (A-E)	B-22 (A-D)	B-23 (A-C)	
			Residential	Industrial	06/18/2024	06/18/2024	06/18/2024	06/18/2024	06/18/2024	06/18/2024	06/18/2024	06/18/2024	06/18/2024	06/18/2024	05/22/2024	05/22/2024	06/18/2024	06/18/2024	06/18/2024	05/22/2024	06/18/2024	06/18/2024	06/18/2024	05/22/2024	06/18/2024	06/18/2024	05/22/2024	05/22/2024
ANALYTE NAME	UNITS	CASH																										
PCB-1016	mg/Kg	12674-11-2																										
PCB-1221	mg/Kg	11104-28-2																										
PCB-1232	mg/Kg	11141-16-5																										
PCB-1242	mg/Kg	53469-21-9																										
PCB-1248	mg/Kg	12672-29-6																										
PCB-1254	mg/Kg	11097-69-1	0.12	0.97																								
PCB-1260	mg/Kg	11096-82-5																										

THE REGULATORY LEVELS IN THIS DOCUMENT ARE UPDATED ACCORDING TO THE MOST CURRENT VALUES TO THE BEST OF OUR KNOWLEDGE.
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 IF YOU HAVE ANY INFORMATION INDICATING THAT A REGULATORY LEVELS IS IN ERROR, PLEASE CONTACT YOUR EUROFINS PENSACOLA PROJECT MANAGER.

CLIENT: TTL INC
SUMMARY OF ANALYTICAL RESULTS FOR JOB#: 400-257981-1
METHOD: VOA BY SW8468260D
PROJECT NAME: TECHNICAL MICRONICS CONTROL

EUROFINS PENSACOLA			EPA Regional Screening Levels		B1 (A-F)	B2 (A-D)	B3 (A-D)	B4 (A-D)	B5 (A-D)	B6 (A-F)	B7 (A-F)	B8 (A-D)	B-9 (A-D)	B-10 (A-D)	B11 (A-D)	B13 (A-D)	B17 (A-D)	B20 (A-D)	B-21 (A-E)	B-22 (A-D)	B-23 (A-C)	
			Residential	Industrial																		
ANALYTE NAME	UNITS	CAS#	06/18/2024	06/18/2024	06/18/2024	06/18/2024	06/18/2024	06/18/2024	06/18/2024	06/18/2024	06/18/2024	06/18/2024	05/22/2024	05/22/2024	06/18/2024	06/18/2024	06/18/2024	06/18/2024	05/22/2024	05/22/2024	05/22/2024	
Acetone	mg/Kg	67-64-1			0.0731	0.0185	0.0334	0.0941	0.0976	0.0945	0.0894	0.0870	0.0926	0.113	0.06661	0.0872 913 8	0.0335198	0.0213	0.0869	0.145	0.154	Likely a lab contaminant
Benzene	mg/Kg	71-43-2			<0.00391	<0.00339	<0.00332	<0.00434	<0.00408	<0.00412	<0.00387	<0.00397	<0.00448	<0.00417	<0.003436	<0.00385 1 6 5	<0.00329.2 6	<0.00368	<0.00457	<0.00407	<0.00437	
Bromoform	mg/Kg	75-25-2			<0.00391	<0.00339	<0.00332	<0.00434	<0.00408	<0.00412	<0.00387	<0.00397	<0.00448	<0.00417	<0.003436	<0.00385 1 6 5	<0.00329.2 6	<0.00368	<0.00457	<0.00407	<0.00437	
Bromomethane	mg/Kg	74-83-9			<0.00391	<0.00339	<0.00332	<0.00434	<0.00408	<0.00412	<0.00387	<0.00397	<0.00448	<0.00417	<0.003436	<0.00385 1 6 5	<0.00329.2 6	<0.00368	<0.00457	<0.00407	<0.00437	
2-Butanone (MEK)	mg/Kg	78-93-3			<0.0195	<0.0169	<0.0166	<0.0217	<0.0204	<0.0206	<0.0193	<0.0198	<0.0224	<0.0208	<0.0172 8	<0.0192 0 13 8	<0.016516 8	<0.0184	<0.0228	<0.0204	<0.0219	
Carbon disulfide	mg/Kg	75-15-0			<0.00391	<0.00339	<0.00332	<0.00434	<0.00408	<0.00412	<0.00387	<0.00397	<0.00448	<0.00417	<0.003436	<0.00385 1 6 5	<0.00329.2 6	<0.00368	<0.00457	<0.00407	<0.00437	
Carbon tetrachloride	mg/Kg	56-23-5			<0.00391	<0.00339	<0.00332	<0.00434	<0.00408	<0.00412	<0.00387	<0.00397	<0.00448	<0.00417	<0.003436	<0.00385 1 6 5	<0.00329.2 6	<0.00368	<0.00457	<0.00407	<0.00437	
Chlorobenzene	mg/Kg	108-90-7			<0.00391	<0.00339	<0.00332	<0.00434	<0.00408	<0.00412	<0.00387	<0.00397	<0.00448	<0.00417	<0.003436	<0.00385 1 6 5	<0.00329.2 6	<0.00368	<0.00457	<0.00407	<0.00437	
Chlorobromomethane	mg/Kg	74-97-5			<0.00391	<0.00339	<0.00332	<0.00434	<0.00408	<0.00412	<0.00387	<0.00397	<0.00448	<0.00417	<0.003436	<0.00385 1 6 5	<0.00329.2 6	<0.00368	<0.00457	<0.00407	<0.00437	
Chlorodibromomethane	mg/Kg	124-48-1			<0.00391	<0.00339	<0.00332	<0.00434	<0.00408	<0.00412	<0.00387	<0.00397	<0.00448	<0.00417	<0.003436	<0.00385 1 6 5	<0.00329.2 6	<0.00368	<0.00457	<0.00407	<0.00437	
Chloroethane	mg/Kg	75-00-3			<0.00391	<0.00339	<0.00332	<0.00434	<0.00408	<0.00412	<0.00387	<0.00397	<0.00448	<0.00417	<0.003436	<0.00385 1 6 5	<0.00329.2 6	<0.00368	<0.00457	<0.00407	<0.00437	
Chloroform	mg/Kg	67-66-3			<0.00391	<0.00339	<0.00332	<0.00434	<0.00408	<0.00412	<0.00387	<0.00397	<0.00448	<0.00417	<0.003436	<0.00385 1 6 5	<0.00329.2 6	<0.00368	<0.00457	<0.00407	<0.00437	
Chloromethane	mg/Kg	74-87-3			<0.00391	<0.00339	<0.00332	<0.00434	<0.00408	<0.00412	<0.00387	<0.00397	<0.00448	<0.00417	<0.003436	<0.00385 1 6 5	<0.00329.2 6	<0.00368	<0.00457	<0.00407	<0.00437	
cis-1,2-Dichloroethene	mg/Kg	156-59-2	6.30	37.0	<0.00391	<0.00339	<0.00332	<0.00434	<0.00408	<0.00412	<0.00387	<0.00397	<0.00448	<0.00417	<0.003436	<0.00385 1 6 5	<0.00329.2 6	<0.00368	<0.00457	<0.00407	<0.00437	
cis-1,3-Dichloropropene	mg/Kg	10061-01-5			<0.00391	<0.00339	<0.00332	<0.00434	<0.00408	<0.00412	<0.00387	<0.00397	<0.00448	<0.00417	<0.003436	<0.00385 1 6 5	<0.00329.2 6	<0.00368	<0.00457	<0.00407	<0.00437	
Cyclohexane	mg/Kg	110-82-7			<0.00391	<0.00339	<0.00332	<0.00434	<0.00408	<0.00412	<0.00387	<0.00397	<0.00448	<0.00417	<0.003436	<0.00385 1 6 5	<0.00329.2 6	<0.00368	<0.00457	<0.00407	<0.00437	
1,2-Dibromo-3-Chloropropane	mg/Kg	96-12-8			<0.00391	<0.00339	<0.00332	<0.00434	<0.00408	<0.00412	<0.00387	<0.00397	<0.00448	<0.00417	<0.003436	<0.00385 1 6 5	<0.00329.2 6	<0.00368	<0.00457	<0.00407	<0.00437	
1,2-Dichlorobenzene	mg/Kg	95-50-1			<0.00391	<0.00339	<0.00332	<0.00434	<0.00408	<0.00412	<0.00387	<0.00397	<0.00448	<0.00417	<0.003436	<0.00385 1 6 5	<0.00329.2 6	<0.00368	<0.00457	<0.00407	<0.00437	
1,3-Dichlorobenzene	mg/Kg	541-73-1			<0.00391	<0.00339	<0.00332	<0.00434	<0.00408	<0.00412	<0.00387	<0.00397	<0.00448	<0.00417	<0.003436	<0.00385 1 6 5	<0.00329.2 6	<0.00368	<0.00457	<0.00407	<0.00437	
1,4-Dichlorobenzene	mg/Kg	106-46-7			<0.00391	<0.00339	<0.00332	<0.00434	<0.00408	<0.00412	<0.00387	<0.00397	<0.00448	<0.00417	<0.003436	<0.00385 1 6 5	<0.00329.2 6	<0.00368	<0.00457	<0.00407	<0.00437	
Dichlorobromomethane	mg/Kg	75-27-4			<0.00391	<0.00339	<0.00332	<0.00434	<0.00408	<0.00412	<0.00387	<0.00397	<0.00448	<0.00417	<0.003436	<0.00385 1 6 5	<0.00329.2 6	<0.00368	<0.00457	<0.00407	<0.00437	
Dichlorodifluoromethane	mg/Kg	75-71-8			<0.00391	<0.00339	<0.00332	<0.00434	<0.00408	<0.00412	<0.00387	<0.00397	<0.00448	<0.00417	<0.003436	<0.00385 1 6 5	<0.00329.2 6	<0.00368	<0.00457	<0.00407	<0.00437	
1,1-Dichloroethane	mg/Kg	75-34-3			<0.00391	<0.00339	<0.00332	<0.00434	<0.00408	<0.00412	<0.00387	<0.00397	<0.00448	<0.00417	<0.003436	<0.00385 1 6 5	<0.00329.2 6	<0.00368	<0.00457	<0.00407	<0.00437	
1,2-Dichloroethane	mg/Kg	107-06-2			<0.00391	<0.00339	<0.00332	<0.00434	<0.00408	<0.00412	<0.00387	<0.00397	<0.00448	<0.00417	<0.003436	<0.00385 1 6 5	<0.00329.2 6	<0.00368	<0.00457	<0.00407	<0.00437	
1,1-Dichloroethene	mg/Kg	75-35-4			<0.00391	<0.00339	<0.00332	<0.00434	<0.00408	<0.00412	<0.00387	<0.00397	<0.00448	<0.00417	<0.003436	<0.00385 1 6 5	<0.00329.2 6	<0.00368	<0.00457	<0.00407	<0.00437	
1,2-Dichloropropane	mg/Kg	78-87-5			<0.00391	<0.00339	<0.00332	<0.00434	<0.00408	<0.00412	<0.00387	<0.00397	<0.00448	<0.00417	<0.003436	<0.00385 1 6 5	<0.00329.2 6	<0.00368	<0.00457	<0.00407	<0.00437	
Ethylbenzene	mg/Kg	100-41-4			<0.00391	<0.00339	<0.00332	<0.00434	<0.00408	<0.00412	<0.00387	<0.00397	<0.00448	<0.00417	<0.003436	<0.00385 1 6 5	<0.00329.2 6	<0.00368	<0.00457	<0.00407	<0.00437	
Ethylene Dibromide	mg/Kg	106-93-4			<0.00391	<0.00339	<0.00332	<0.00434	<0.00408	<0.00412	<0.00387	<0.00397	<0.00448	<0.00417	<0.003436	<0.00385 1 6 5	<0.00329.2 6	<0.00368	<0.00457	<0.00407	<0.00437	
2-Hexanone	mg/Kg	591-78-6			<0.0195	<0.0169	<0.0166	<0.0217	<0.0204	<0.0206	<0.0193	<0.0198	<0.0224	<0.0208	<0.0172 8	<0.0192 0 13 8	<0.016516 8	<0.0184	<0.0228	<0.0204	<0.0219	
Isopropylbenzene	mg/Kg	98-82-8			<0.00391	<0.00339	<0.00332	<0.00434	<0.00408	<0.00412	<0.00387	<0.00397	<0.00448	<0.00417	<0.003436	<0.00385 1 6 5	<0.00329.2 6	<0.00368	<0.00457	<0.00407	<0.00437	
Methyl acetate	mg/Kg	79-20-9	7,800	12,000	<0.00391	<0.00339	<0.00332	<0.00434	<0.00408	<0.00412	<0.00387	<0.00397	<0.00448	<0.00417	<0.003436	<0.00385 1 6 5	<0.00329.2 6	<0.00368	<0.00457	0.00479	0.204	
Methylcyclohexane	mg/Kg	108-87-2			<0.00391	<0.00339	<0.00332	<0.00434	<0.00408	<0.00412	<0.00387	<0.00397	<0.00448	<0.00417	<0.003436	<0.00385 1 6 5	<0.00329.2 6	<0.00368	<0.00457	<0.00407	<0.00437	
Methylene Chloride	mg/Kg	75-09-2			<0.0117	<0.0102	<0.00995	<0.0130	<0.0122	<0.0124	<0.0116	<0.0119	<0.0134	<0.0125	<0.0103 5	<0.0115 2 12 5	<0.0098714 9	<0.0110	<0.0137	<0.0122	<0.0131	
4-Methyl-2-pentanone (MIBK)	mg/Kg	108-10-1			<0.0195	<0.0169	<0.0166	<0.0217	<0.0204	<0.0206	<0.0193	<0.0198	<0.0224	<0.0208	<0.0172 8	<0.0192 0 13 8	<0.016516 8	<0.0184	<0.0228	<0.0204	<0.0219	
Methyl tert-butyl ether	mg/Kg	1634-04-4			<0.00391	<0.00339	<0.00332	<0.00434	<0.00408	<0.00412	<0.00387	<0.00397	<0.00448	<0.00417	<0.003436	<0.00385 1 6 5	<0.00329.2 6	<0.00368	<0.00457	<0.00407	<0.00437	
Styrene	mg/Kg	100-42-5			<0.00391	<0.00339	<0.00332	<0.00434	<0.00408	<0.00412	<0.00387	<0.00397	<0.00448	<0.00417	<0.003436	<0.00385 1 6 5	<0.00329.2 6	<0.00368	<0.00			

CLIENT: TTL INC
SUMMARY OF ANALYTICAL RESULTS FOR JOB#: 400-257981-1
METHOD: SVOA BY SW8468270E
PROJECT NAME: TECHNICAL MICRONICS CONTROL

EUROFINS PENSACOLA			EPA Regional Screening Levels		B1 (A-F)	B2 (A-D)	B3 (A-D)	B4 (A-D)	B5 (A-D)	B6 (A-F)	B7 (A-F)	B8 (A-D)	B-9 (A-D)	B-10 (A-D)	B11 (A-D)	B12 (A-D)	B13 (A-D)	B-14 (A-D)	B15 (A-D)	B16 (A-D)	B17 (A-D)	B-18 (A-E)	B19 (A-D)	B20 (A-D)	B-21 (A-E)	B-22 (A-D)
			Residential	Industrial																						
ANALYTE NAME	UNITS	CAS#	06/18/2024	06/18/2024	06/18/2024	06/18/2024	06/18/2024	06/18/2024	06/18/2024	06/18/2024	06/18/2024	06/18/2024	05/22/2024	05/22/2024	06/18/2024	06/18/2024	06/18/2024	05/22/2024	06/18/2024	06/18/2024	06/18/2024	05/22/2024	06/18/2024	06/18/2024	05/22/2024	05/22/2024
Acenaphthene	mg/Kg	83-32-9	<0.389	<0.366	<1.82	<0.775	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
Acenaphthylene	mg/Kg	208-96-8	<0.389	<0.366	<1.82	<0.775	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
Acetophenone	mg/Kg	98-86-2	<0.389	<0.366	<1.82	<0.775	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
Anthracene	mg/Kg	120-12-7	<0.389	<0.366	<1.82	<0.775	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
Atrazine	mg/Kg	1912-24-9	<0.389	<0.366	<1.82	<0.775	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
Benzaldehyde	mg/Kg	100-52-7	<0.389	<0.366	<1.82	<0.775	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
Benzo[a]anthracene	mg/Kg	56-55-3	<0.389	<0.366	<1.82	0.836	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
Benzo[a]pyrene	mg/Kg	50-32-8	<0.389	<0.366	<1.82	1.32	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
Benzo[b]fluoranthene	mg/Kg	205-99-2	<0.389	<0.366	<1.82	2.05	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
Benzo[g,h,i]perylene	mg/Kg	191-24-2	<0.389	<0.366	<1.82	1.07	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
Benzo[k]fluoranthene	mg/Kg	207-08-9	<0.389	<0.366	<1.82	0.983	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
1,1'-Biphenyl	mg/Kg	92-52-4	<0.389	<0.366	<1.82	<0.775	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
Bis(2-chloroethoxy)methane	mg/Kg	111-91-1	<0.389	<0.366	<1.82	<0.775	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
Bis(2-chloroethyl)ether	mg/Kg	111-44-4	<0.389	<0.366	<1.82	<0.775	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
Bis(2-ethylhexyl) phthalate	mg/Kg	117-81-7	<0.389	<0.366	<1.82	<0.775	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
4-Bromophenyl phenyl ether	mg/Kg	101-55-3	<0.389	<0.366	<1.82	<0.775	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
Butyl benzyl phthalate	mg/Kg	85-68-7	<0.389	<0.366	<1.82	<0.775	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
Caprolactam	mg/Kg	105-60-2	<0.389	<0.366	<1.82	<0.775	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
Carbazole	mg/Kg	86-74-8	<0.389	<0.366	<1.82	<0.775	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
4-Chloroaniline	mg/Kg	106-47-8	<0.389	<0.366	<1.82	<0.775	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
4-Chloro-3-methylphenol	mg/Kg	59-50-7	<0.389	<0.366	<1.82	<0.775	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
2-Chloronaphthalene	mg/Kg	91-58-7	<0.389	<0.366	<1.82	<0.775	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
2-Chlorophenol	mg/Kg	95-57-8	<0.389	<0.366	<1.82	<0.775	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
4-Chlorophenyl phenyl ether	mg/Kg	7005-72-3	<0.389	<0.366	<1.82	<0.775	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
Chrysene	mg/Kg	218-01-9	<0.389	<0.366	<1.82	1.49	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
Dibenz(a,h)anthracene	mg/Kg	53-70-3	<0.389	<0.366	<1.82	<0.775	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
Dibenzofuran	mg/Kg	132-64-9	<0.389	<0.366	<1.82	<0.775	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
3,3'-Dichlorobenzidine	mg/Kg	91-94-1	<0.389	<0.366	<1.82	<0.775	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
2,4-Dichlorophenol	mg/Kg	120-83-2	<0.389	<0.366	<1.82	<0.775	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
Diethyl phthalate	mg/Kg	84-66-2	<0.389	<0.366	<1.82	<0.775	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
2,4-Dimethylphenol	mg/Kg	105-67-9	<0.389	<0.366	<1.82	<0.775	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
Dimethyl phthalate	mg/Kg	131-11-3	<0.389	<0.366	<1.82	<0.775	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
Di-n-butyl phthalate	mg/Kg	84-74-2	<0.389	<0.366	<1.82	<0.775	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
4,6-Dinitro-2-methylphenol	mg/Kg	534-52-1	<0.389	<0.366	<1.82	<0.775	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
2,4-Dinitrophenol	mg/Kg	51-28-5	<1.17	<1.10	<5.46	<2.33	<1.20	<1.15	<1.14	<1.18	<1.24	<1.20	<1.15	<1.15	<1.14	<2.46	<1.21	<1.22	<1.17	<6.28	<1.15	<1.18	<1.25	<1.21		
2,4-Dinitrotoluene	mg/Kg	121-14-2	<0.389	<0.366	<1.82	<0.775	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
2,6-Dinitrotoluene	mg/Kg	606-20-2	<0.389	<0.366	<1.82	<0.775	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
Di-n-octyl phthalate	mg/Kg	117-84-0	<0.389	<0.366	<1.82	<0.775	<0.401	<0.384	<0.380	<0.393	<0.412	<0.399	<0.382	<0.383	<0.379	<0.822	<0.403	<0.405	<0.390	<2.09	<0.382	<0.394	<0.417	<0.405		
Fluoranthene	mg/Kg	206-44-0	<0.389	<0.366																						

TABLE 1
SUMMARY OF PARAMETERS DETECTED IN SOIL GAS SAMPLES

Analyte	CAS	Units	Target Concentration ¹	SG-1	SG-2	SG-3	SG-4	SG-5	SG-6	SG-7	SG-8	SG-9	SG-10
				1/22/2025	1/22/2025	1/22/2025	1/22/2025	1/22/2025	1/22/2025	1/22/2025	1/22/2025	1/22/2025	1/22/2025
1,1,1-TRICHLOROETHANE	71-55-6	µg/m3	73000	<1.1	<1.1	13	3.0	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
1,1,2,2-TETRACHLOROETHANE	79-34-5	µg/m3	7.05	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4
1,1,2-TRICHLOROETHANE	79-00-5	µg/m3	2.92	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
1,1-DICHLOROETHANE	75-34-3	µg/m3	256	<0.81	<0.81	16	3.1	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81
1,1-DICHLOROETHENE	75-35-4	µg/m3	2920	<0.79	<0.79	1.4	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79
1,2,4-TRICHLOROBENZENE	120-82-1	µg/m3	29.2	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
1,2,4-TRIMETHYLBENZENE	95-63-6	µg/m3	876	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.2
1,2-DIBROMOETHANE (EDB)	106-93-4	µg/m3	0.681	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
1,2-DICHLOROBENZENE	95-50-1	µg/m3	2920	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
1,2-DICHLOROETHANE	107-06-2	µg/m3	15.7	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81
1,2-DICHLOROPROPANE	78-87-5	µg/m3	58.4	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92
1,3,5-TRIMETHYLBENZENE	108-67-8	µg/m3	876	<1.0	<1.0	<1.1	<1.2	<1.3	<1.4	<1.5	<1.6	<1.7	<1.8
1,3-BUTADIENE	106-99-0	µg/m3	13.6	<0.44	<0.44	<0.45	<0.46	<0.47	<0.48	<0.49	<0.50	<0.51	<0.52
1,3-DICHLOROBENZENE	541-73-1	µg/m3	NE ²	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
1,4-DICHLOROBENZENE	106-46-7	µg/m3	37.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
1,4-DIOXANE	123-91-1	µg/m3	81.8	<0.72	2.3	1.0	<0.72	<0.72	6.2	1.5	0.75	8.4	<0.72
2,2,4-TRIMETHYLPENTANE (ISOOCTANE)	540-84-1	µg/m3	NE ²	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93
2-BUTANONE (MEK)	78-93-3	µg/m3	73000	7.3	5.9	4.7	7.1	4.6	4.5	5.4	3.7	3.3	3.8
2-HEXANONE (MBK)	591-78-6	µg/m3	438	<0.82	<0.82	<0.82	3.6	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82
ISOPROPYL ALCOHOL (2-PROPANOL)	67-63-0	µg/m3	2920	47	32	1400	1600	940	280	190	110	110	160
ALLYL CHLORIDE (3-CHLOROPROPENE)	107-05-1	µg/m3	14.6	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63
4-ETHYLTOLUENE	622-96-8	µg/m3	NE ²	<1.0	<1.0	<1.1	<1.2	<1.3	<1.4	<1.5	<1.6	<1.7	<1.8
4-METHYL-2-PENTANONE (MIBK)	108-10-1	µg/m3	43800	<0.82	<0.82	<0.82	2.5	<0.82	<0.82	1.1	<0.82	<0.82	<0.82
ACETONE	67-64-1	µg/m3	NE ²	49	33	55	54	32	29	35	23	21	32
BENZYL CHLORIDE (ALPHA-CHLOROTOLUENE)	100-44-7	µg/m3	8.34	<1.0	<1.0	<1.1	<1.2	<1.3	<1.4	<1.5	<1.6	<1.7	<1.8
BENZENE	71-43-2	µg/m3	52.4	2.2	<0.64	<0.65	<0.67	<0.68	<0.69	<0.70	<0.71	<0.72	<0.72
BROMODICHLOROMETHANE	75-27-4	µg/m3	11.0	<1.3	<1.3	<1.4	<1.5	<1.6	<1.7	<1.8	<1.9	<1.10	<1.11
BROMOFORM	75-25-2	µg/m3	372.0	<2.1	<2.1	<2.2	<2.3	<2.4	<2.5	<2.6	<2.7	<2.8	<2.9
BROMOMETHANE	74-83-9	µg/m3	73.0	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78
CARBON DISULFIDE	75-15-0	µg/m3	10200	<0.62	<0.62	0.71	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62
CARBON TETRACHLORIDE	56-23-5	µg/m3	68.1	<1.3	<1.3	<1.4	<1.5	<1.6	<1.7	<1.8	<1.9	<1.10	<1.11
CHLOROETHANE	108-90-7	µg/m3	730	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92
CHLOROETHENE	75-00-3	µg/m3	58400	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
CHLOROFORM	67-66-3	µg/m3	17.8	<1.0	<1.0	<1.1	<1.2	<1.3	<1.4	<1.5	<1.6	<1.7	4.3
CHLOROMETHANE	74-87-3	µg/m3	1310	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
CIS-1,2-DICHLOROETHENE	156-59-2	µg/m3	584	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79
CIS-1,3-DICHLOROPROPENE	10061-01-5	µg/m3	NE ²	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91
CUMENE (ISOPROPYLBENZENE)	98-82-8	µg/m3	14000	1.1	<1.0	<1.1	<1.2	<1.3	<1.4	<1.5	<1.6	<1.7	<1.8
CYCLOHEXANE	110-82-7	µg/m3	87600	<0.69	<0.69	<0.70	<0.71	<0.72	<0.73	1.8	<0.75	<0.76	<0.77
DIBROMOCHLOROMETHANE	124-48-1	µg/m3	NE ²	<1.7	<1.7	<1.8	<1.9	<1.10	<1.11	<1.12	<1.13	<1.14	<1.15
ETHANOL	64-17-5	µg/m3	NE ²	14	11	11	10	9.0	13	18	12	11	110
ETHYLBENZENE	100-41-4	µg/m3	164	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87
TRICHLOROFLUOROMETHANE (FREON-11)	75-69-4	µg/m3	NE ²	1.3	1.2	3.3	<1.1	1.2	1.2	1.2	1.2	1.2	1.1
FREON-113 (Trichloro-1,2,2-trifluoroethane, 1,1,2)	76-13-1	µg/m3	73000	2.1	9.0	310	1700	40	8.3	4.6	<1.5	2.0	1.9
FREON-114	76-14-2	µg/m3	NE ²	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4
DICHLORODIFLUOROMETHANE (FREON-12)	75-71-8	µg/m3	1460	2.1	2.0	2.1	2.6	2.1	2.1	2.1	2.1	2.1	1.9
N-HEPTANE (HEPTANE)	142-82-5	µg/m3	5840	<0.82	<0.82	<0.83	<0.84	<0.85	<0.86	<0.87	<0.88	<0.89	<0.90
HEXACHLOROBUTADIENE	87-68-3	µg/m3	18.6	<2.1	<2.1	<2.2	<2.3	<2.4	<2.5	<2.6	<2.7	<2.8	<2.9
N-HEXANE	110-54-3	µg/m3	10200	<0.70	<0.70	<0.71	<0.72	<0.73	<0.74	<0.75	<0.76	<0.77	<0.78
M,P-XYLENE	106-42-3	µg/m3	1460	2.3	<1.7	<1.8	2.8	<1.10	<1.11	2.2	<1.13	<1.14	<1.15
METHYL TER-BUTYL ETHER (MTBE)	1634-04-4	µg/m3	1570	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72
METHYLENE CHLORIDE	75-09-2	µg/m3	8760	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69
O-XYLENE (ORTHO)	95-47-6	µg/m3	1460	<0.87	1.9	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87
STYRENE	100-42-5	µg/m3	14600	<0.85	<0.85	<0.86	<0.87	<0.88	<0.89	<0.90	<0.91	<0.92	<0.93
TETRACHLOROETHENE	127-18-4	µg/m3	584	<1.4	<1.4	6.5	39	7.2	4.0	4.6	1.9	1.6	1.8
TETRAHYDROFURAN	109-99-9	µg/m3	29200	34	28	18	18	20	21	23	18	16	18
TOLUENE	108-88-3	µg/m3	73000	1.5	1.0	1.1	<0.75	0.88	1.1	4.2	<0.75	0.88	0.78
TRANS-1,2-DICHLOROETHENE	156-60-5	µg/m3	584	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79
TRANS-1,3-DICHLOROPROPENE	10061-02-6	µg/m3	NE ²	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91
TRICHLOROETHENE	79-01-6	µg/m3	29.2	5.2	6.1	140	68	32	12	8.5	5.5	4.2	6.1
VINYL CHLORIDE	75-01-4	µg/m3	92.9	>0.51	>0.51	9.0	1.9	>0.54	>0.55	>0.56	>0.57	>0.58	>0.59

Target Concentration¹ is EPA Vapor Intrusion Screening Level (VISL) concentration for Industrial Sub-Slab and Near-Source Soil Gas with TR of 1x10⁻⁶ and THQ of 0.1. (Carcinogenic/Non-Carcinogenic) [v3.5, June 2017]

NE² = No VISL Target Concentration established (No Inhalation toxicity data)

Bold result meets or exceeds Reporting Limit

Bold and shaded result exceeds VISL Target Concentration

APPENDIX B
LABORATORY ANALYTICAL DATA REPORTS (SOIL)



ANALYTICAL REPORT

PREPARED FOR

Attn: Charles Olige
TTL Inc
101 Quality Circle NW, Ste. 130
Huntsville, Alabama 35806

Generated 6/12/2024 4:10:23 PM

JOB DESCRIPTION

Technical Micronics Control

JOB NUMBER

400-256770-1

Eurofins Pensacola

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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Authorized for release by
Chad Bechtold, Project Manager
Chad.Bechtold@et.eurofinsus.com
(813)690-3563



Table of Contents

Cover Page	1
Table of Contents	3
Case Narrative	4
Detection Summary	5
Sample Summary	7
Client Sample Results	8
Definitions	36
Surrogate Summary	37
QC Association	39
QC Sample Results	42
Chronicle	51
Method Summary	57
Certification Summary	58
Chain of Custody	60
Receipt Checklists	61

Case Narrative

Client: TTL Inc
Project: Technical Micronics Control

Job ID: 400-256770-1

Job ID: 400-256770-1

Eurofins Pensacola

Job Narrative 400-256770-1

Receipt

The samples were received on 5/30/2024 3:07 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.6°C, 15.1°C and 17.0°C. Per client request only the 7 samples received in the cooler received at 2.6°C were included in the report. The other 16 samples are being resampled.

GC/MS VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA

Method 8270E: The following samples were diluted due to the nature of the sample matrix: B-14 (A-D) (400-256770-11) and B-18 (A-E) (400-256770-12). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs

Method 8082A: The following samples were diluted due to the nature of the sample matrix: B-14 (A-D) (400-256770-11) and B-18 (A-E) (400-256770-12). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Pensacola

Detection Summary

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: B-9 (A-D)

Lab Sample ID: 400-256770-9

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0926		0.0224	mg/Kg	1	✳	8260D	Total/NA
Arsenic	6.81		2.35	mg/Kg	1	✳	6010D	Total/NA
Barium	84.5		1.18	mg/Kg	1	✳	6010D	Total/NA
Chromium	40.0		1.18	mg/Kg	1	✳	6010D	Total/NA
Lead	13.2		1.18	mg/Kg	1	✳	6010D	Total/NA
Mercury	0.0541		0.0317	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: B-10 (A-D)

Lab Sample ID: 400-256770-10

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.113		0.0208	mg/Kg	1	✳	8260D	Total/NA
Arsenic	6.18		2.55	mg/Kg	1	✳	6010D	Total/NA
Barium	118		1.28	mg/Kg	1	✳	6010D	Total/NA
Chromium	31.7		1.28	mg/Kg	1	✳	6010D	Total/NA
Lead	20.5		1.28	mg/Kg	1	✳	6010D	Total/NA

Client Sample ID: B-14 (A-D)

Lab Sample ID: 400-256770-11

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0249		0.0220	mg/Kg	1	✳	8260D	Total/NA
Arsenic	7.12		2.32	mg/Kg	1	✳	6010D	Total/NA
Barium	92.0		1.16	mg/Kg	1	✳	6010D	Total/NA
Chromium	39.1		1.16	mg/Kg	1	✳	6010D	Total/NA
Lead	23.4		1.16	mg/Kg	1	✳	6010D	Total/NA
Mercury	0.0700		0.0325	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: B-18 (A-E)

Lab Sample ID: 400-256770-12

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0429		0.0206	mg/Kg	1	✳	8260D	Total/NA
Arsenic	4.71		2.51	mg/Kg	1	✳	6010D	Total/NA
Barium	66.3		1.26	mg/Kg	1	✳	6010D	Total/NA
Chromium	30.2		1.26	mg/Kg	1	✳	6010D	Total/NA
Lead	11.4		1.26	mg/Kg	1	✳	6010D	Total/NA
Mercury	0.0325		0.0308	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: B-21 (A-E)

Lab Sample ID: 400-256770-13

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0869		0.0228	mg/Kg	1	✳	8260D	Total/NA
Arsenic	8.13		2.46	mg/Kg	1	✳	6010D	Total/NA
Barium	86.6		1.23	mg/Kg	1	✳	6010D	Total/NA
Chromium	51.1		1.23	mg/Kg	1	✳	6010D	Total/NA
Lead	16.5		1.23	mg/Kg	1	✳	6010D	Total/NA
Mercury	0.0475		0.0291	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: B-22 (A-D)

Lab Sample ID: 400-256770-14

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.145		0.0204	mg/Kg	1	✳	8260D	Total/NA
Methyl acetate	0.00479		0.00407	mg/Kg	1	✳	8260D	Total/NA
Arsenic	4.18		2.41	mg/Kg	1	✳	6010D	Total/NA
Barium	87.7		1.20	mg/Kg	1	✳	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Detection Summary

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: B-22 (A-D) (Continued)

Lab Sample ID: 400-256770-14

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Chromium	23.9		1.20	mg/Kg	1	✳	6010D	Total/NA
Lead	13.6		1.20	mg/Kg	1	✳	6010D	Total/NA

Client Sample ID: B-23 (A-C)

Lab Sample ID: 400-256770-15

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.154		0.0219	mg/Kg	1	✳	8260D	Total/NA
Methyl acetate	0.204		0.00437	mg/Kg	1	✳	8260D	Total/NA
Arsenic	6.10		2.38	mg/Kg	1	✳	6010D	Total/NA
Barium	112		1.19	mg/Kg	1	✳	6010D	Total/NA
Chromium	32.5		1.19	mg/Kg	1	✳	6010D	Total/NA
Lead	18.5		1.19	mg/Kg	1	✳	6010D	Total/NA
Mercury	0.0355		0.0303	mg/Kg	1	✳	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Sample Summary

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-256770-9	B-9 (A-D)	Solid	05/22/24 12:52	05/30/24 15:07
400-256770-10	B-10 (A-D)	Solid	05/22/24 13:36	05/30/24 15:07
400-256770-11	B-14 (A-D)	Solid	05/22/24 13:55	05/30/24 15:07
400-256770-12	B-18 (A-E)	Solid	05/22/24 14:38	05/30/24 15:07
400-256770-13	B-21 (A-E)	Solid	05/22/24 17:46	05/30/24 15:07
400-256770-14	B-22 (A-D)	Solid	05/22/24 16:27	05/30/24 15:07
400-256770-15	B-23 (A-C)	Solid	05/22/24 15:48	05/30/24 15:07

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: B-9 (A-D)

Lab Sample ID: 400-256770-9

Date Collected: 05/22/24 12:52

Matrix: Solid

Date Received: 05/30/24 15:07

Percent Solids: 78.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0926		0.0224	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
Benzene	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
Bromoform	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
Bromomethane	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
2-Butanone (MEK)	<0.0224	U	0.0224	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
Carbon disulfide	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
Carbon tetrachloride	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
Chlorobenzene	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
Chlorobromomethane	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
Chlorodibromomethane	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
Chloroethane	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
Chloroform	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
Chloromethane	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
cis-1,2-Dichloroethene	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
cis-1,3-Dichloropropene	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
Cyclohexane	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
1,2-Dibromo-3-Chloropropane	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
1,2-Dichlorobenzene	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
1,3-Dichlorobenzene	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
1,4-Dichlorobenzene	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
Dichlorobromomethane	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
Dichlorodifluoromethane	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
1,1-Dichloroethane	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
1,2-Dichloroethane	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
1,1-Dichloroethene	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
1,2-Dichloropropane	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
Ethylbenzene	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
Ethylene Dibromide	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
2-Hexanone	<0.0224	U	0.0224	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
Isopropylbenzene	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
Methyl acetate	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
Methylcyclohexane	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
Methylene Chloride	<0.0134	U	0.0134	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
4-Methyl-2-pentanone (MIBK)	<0.0224	U	0.0224	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
Methyl tert-butyl ether	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
Styrene	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
1,1,2,2-Tetrachloroethane	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
Tetrachloroethene	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
Toluene	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
trans-1,2-Dichloroethene	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
trans-1,3-Dichloropropene	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
1,2,3-Trichlorobenzene	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
1,2,4-Trichlorobenzene	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
1,1,1-Trichloroethane	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
1,1,2-Trichloroethane	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
Trichloroethene	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
Trichlorofluoromethane	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
Vinyl chloride	<0.00448	U	0.00448	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: B-9 (A-D)

Lab Sample ID: 400-256770-9

Date Collected: 05/22/24 12:52

Matrix: Solid

Date Received: 05/30/24 15:07

Percent Solids: 78.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00896	U	0.00896	mg/Kg	☼	06/05/24 09:12	06/05/24 16:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		67 - 130			06/05/24 09:12	06/05/24 16:59	1
Dibromofluoromethane	102		77 - 127			06/05/24 09:12	06/05/24 16:59	1
Toluene-d8 (Surr)	97		76 - 127			06/05/24 09:12	06/05/24 16:59	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
Acenaphthylene	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
Acetophenone	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
Anthracene	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
Atrazine	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
Benzaldehyde	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
Benzo[a]anthracene	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
Benzo[a]pyrene	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
Benzo[b]fluoranthene	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
Benzo[g,h,i]perylene	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
Benzo[k]fluoranthene	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
1,1'-Biphenyl	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
Bis(2-chloroethoxy)methane	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
Bis(2-chloroethyl)ether	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
Bis(2-ethylhexyl) phthalate	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
4-Bromophenyl phenyl ether	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
Butyl benzyl phthalate	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
Caprolactam	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
Carbazole	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
4-Chloroaniline	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
4-Chloro-3-methylphenol	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
2-Chloronaphthalene	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
2-Chlorophenol	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
4-Chlorophenyl phenyl ether	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
Chrysene	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
Dibenz(a,h)anthracene	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
Dibenzofuran	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
3,3'-Dichlorobenzidine	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
2,4-Dichlorophenol	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
Diethyl phthalate	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
2,4-Dimethylphenol	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
Dimethyl phthalate	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
Di-n-butyl phthalate	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
4,6-Dinitro-2-methylphenol	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
2,4-Dinitrophenol	<1.24	U	1.24	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
2,4-Dinitrotoluene	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
2,6-Dinitrotoluene	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
Di-n-octyl phthalate	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
Fluoranthene	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
Fluorene	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1
Hexachlorobenzene	<0.412	U	0.412	mg/Kg	☼	06/04/24 16:06	06/05/24 17:30	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: B-9 (A-D)

Lab Sample ID: 400-256770-9

Date Collected: 05/22/24 12:52

Matrix: Solid

Date Received: 05/30/24 15:07

Percent Solids: 78.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.412	U	0.412	mg/Kg	✳	06/04/24 16:06	06/05/24 17:30	1
Hexachlorocyclopentadiene	<0.412	U	0.412	mg/Kg	✳	06/04/24 16:06	06/05/24 17:30	1
Hexachloroethane	<0.412	U	0.412	mg/Kg	✳	06/04/24 16:06	06/05/24 17:30	1
Indeno[1,2,3-cd]pyrene	<0.412	U	0.412	mg/Kg	✳	06/04/24 16:06	06/05/24 17:30	1
Isophorone	<0.412	U	0.412	mg/Kg	✳	06/04/24 16:06	06/05/24 17:30	1
2-Methylnaphthalene	<0.412	U	0.412	mg/Kg	✳	06/04/24 16:06	06/05/24 17:30	1
2-Methylphenol	<0.412	U	0.412	mg/Kg	✳	06/04/24 16:06	06/05/24 17:30	1
3 & 4 Methylphenol	<0.824	U	0.824	mg/Kg	✳	06/04/24 16:06	06/05/24 17:30	1
Naphthalene	<0.412	U	0.412	mg/Kg	✳	06/04/24 16:06	06/05/24 17:30	1
2-Nitroaniline	<0.412	U	0.412	mg/Kg	✳	06/04/24 16:06	06/05/24 17:30	1
3-Nitroaniline	<0.412	U	0.412	mg/Kg	✳	06/04/24 16:06	06/05/24 17:30	1
4-Nitroaniline	<0.412	U	0.412	mg/Kg	✳	06/04/24 16:06	06/05/24 17:30	1
Nitrobenzene	<0.412	U	0.412	mg/Kg	✳	06/04/24 16:06	06/05/24 17:30	1
2-Nitrophenol	<0.412	U	0.412	mg/Kg	✳	06/04/24 16:06	06/05/24 17:30	1
4-Nitrophenol	<0.412	U	0.412	mg/Kg	✳	06/04/24 16:06	06/05/24 17:30	1
N-Nitrosodi-n-propylamine	<0.412	U	0.412	mg/Kg	✳	06/04/24 16:06	06/05/24 17:30	1
n-Nitrosodiphenylamine(as diphenylamine)	<0.412	U	0.412	mg/Kg	✳	06/04/24 16:06	06/05/24 17:30	1
2,2'-oxybis(1-chloropropane)	<0.412	U	0.412	mg/Kg	✳	06/04/24 16:06	06/05/24 17:30	1
Pentachlorophenol	<0.824	U	0.824	mg/Kg	✳	06/04/24 16:06	06/05/24 17:30	1
Phenanthrene	<0.412	U	0.412	mg/Kg	✳	06/04/24 16:06	06/05/24 17:30	1
Phenol	<0.412	U	0.412	mg/Kg	✳	06/04/24 16:06	06/05/24 17:30	1
Pyrene	<0.412	U	0.412	mg/Kg	✳	06/04/24 16:06	06/05/24 17:30	1
2,4,5-Trichlorophenol	<0.412	U	0.412	mg/Kg	✳	06/04/24 16:06	06/05/24 17:30	1
2,4,6-Trichlorophenol	<0.412	U	0.412	mg/Kg	✳	06/04/24 16:06	06/05/24 17:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	72		27 - 127	06/04/24 16:06	06/05/24 17:30	1
2-Fluorophenol (Surr)	70		25 - 128	06/04/24 16:06	06/05/24 17:30	1
Nitrobenzene-d5 (Surr)	69		15 - 136	06/04/24 16:06	06/05/24 17:30	1
Phenol-d5 (Surr)	78		29 - 130	06/04/24 16:06	06/05/24 17:30	1
Terphenyl-d14 (Surr)	99		24 - 146	06/04/24 16:06	06/05/24 17:30	1
2,4,6-Tribromophenol (Surr)	84		10 - 150	06/04/24 16:06	06/05/24 17:30	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0207	U	0.0207	mg/Kg	✳	06/05/24 11:39	06/06/24 16:22	1
PCB-1221	<0.0207	U	0.0207	mg/Kg	✳	06/05/24 11:39	06/06/24 16:22	1
PCB-1232	<0.0207	U	0.0207	mg/Kg	✳	06/05/24 11:39	06/06/24 16:22	1
PCB-1242	<0.0207	U	0.0207	mg/Kg	✳	06/05/24 11:39	06/06/24 16:22	1
PCB-1248	<0.0207	U	0.0207	mg/Kg	✳	06/05/24 11:39	06/06/24 16:22	1
PCB-1254	<0.0207	U	0.0207	mg/Kg	✳	06/05/24 11:39	06/06/24 16:22	1
PCB-1260	<0.0207	U	0.0207	mg/Kg	✳	06/05/24 11:39	06/06/24 16:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	82		26 - 129	06/05/24 11:39	06/06/24 16:22	1
Tetrachloro-m-xylene	56		31 - 122	06/05/24 11:39	06/06/24 16:22	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.81		2.35	mg/Kg	✳	06/07/24 11:40	06/10/24 14:56	1

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Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: B-9 (A-D)

Lab Sample ID: 400-256770-9

Date Collected: 05/22/24 12:52

Matrix: Solid

Date Received: 05/30/24 15:07

Percent Solids: 78.8

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	84.5		1.18	mg/Kg	☼	06/07/24 11:40	06/10/24 14:56	1
Cadmium	<0.588	U	0.588	mg/Kg	☼	06/07/24 11:40	06/10/24 14:56	1
Chromium	40.0		1.18	mg/Kg	☼	06/07/24 11:40	06/10/24 14:56	1
Silver	<1.18	U	1.18	mg/Kg	☼	06/07/24 11:40	06/10/24 14:56	1
Lead	13.2		1.18	mg/Kg	☼	06/07/24 11:40	06/10/24 14:56	1
Selenium	<2.94	U	2.94	mg/Kg	☼	06/07/24 11:40	06/10/24 14:56	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0541		0.0317	mg/Kg	☼	06/07/24 10:51	06/07/24 15:56	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	78.8		0.01	%			06/01/24 14:41	1
Percent Moisture (EPA Moisture)	21.2		0.01	%			06/01/24 14:41	1



Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: B-10 (A-D)

Lab Sample ID: 400-256770-10

Date Collected: 05/22/24 13:36

Matrix: Solid

Date Received: 05/30/24 15:07

Percent Solids: 78.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.113		0.0208	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
Benzene	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
Bromoform	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
Bromomethane	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
2-Butanone (MEK)	<0.0208	U	0.0208	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
Carbon disulfide	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
Carbon tetrachloride	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
Chlorobenzene	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
Chlorobromomethane	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
Chlorodibromomethane	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
Chloroethane	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
Chloroform	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
Chloromethane	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
cis-1,2-Dichloroethene	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
cis-1,3-Dichloropropene	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
Cyclohexane	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
1,2-Dibromo-3-Chloropropane	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
1,2-Dichlorobenzene	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
1,3-Dichlorobenzene	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
1,4-Dichlorobenzene	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
Dichlorobromomethane	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
Dichlorodifluoromethane	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
1,1-Dichloroethane	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
1,2-Dichloroethane	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
1,1-Dichloroethene	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
1,2-Dichloropropane	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
Ethylbenzene	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
Ethylene Dibromide	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
2-Hexanone	<0.0208	U	0.0208	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
Isopropylbenzene	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
Methyl acetate	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
Methylcyclohexane	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
Methylene Chloride	<0.0125	U	0.0125	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
4-Methyl-2-pentanone (MIBK)	<0.0208	U	0.0208	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
Methyl tert-butyl ether	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
Styrene	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
1,1,2,2-Tetrachloroethane	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
Tetrachloroethene	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
Toluene	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
trans-1,2-Dichloroethene	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
trans-1,3-Dichloropropene	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
1,2,3-Trichlorobenzene	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
1,2,4-Trichlorobenzene	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
1,1,1-Trichloroethane	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
1,1,2-Trichloroethane	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
Trichloroethene	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
Trichlorofluoromethane	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
Vinyl chloride	<0.00417	U	0.00417	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: B-10 (A-D)

Lab Sample ID: 400-256770-10

Date Collected: 05/22/24 13:36

Matrix: Solid

Date Received: 05/30/24 15:07

Percent Solids: 78.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00834	U	0.00834	mg/Kg	☼	06/05/24 09:12	06/05/24 16:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		67 - 130			06/05/24 09:12	06/05/24 16:03	1
Dibromofluoromethane	105		77 - 127			06/05/24 09:12	06/05/24 16:03	1
Toluene-d8 (Surr)	96		76 - 127			06/05/24 09:12	06/05/24 16:03	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
Acenaphthylene	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
Acetophenone	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
Anthracene	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
Atrazine	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
Benzaldehyde	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
Benzo[a]anthracene	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
Benzo[a]pyrene	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
Benzo[b]fluoranthene	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
Benzo[g,h,i]perylene	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
Benzo[k]fluoranthene	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
1,1'-Biphenyl	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
Bis(2-chloroethoxy)methane	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
Bis(2-chloroethyl)ether	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
Bis(2-ethylhexyl) phthalate	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
4-Bromophenyl phenyl ether	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
Butyl benzyl phthalate	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
Caprolactam	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
Carbazole	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
4-Chloroaniline	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
4-Chloro-3-methylphenol	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
2-Chloronaphthalene	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
2-Chlorophenol	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
4-Chlorophenyl phenyl ether	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
Chrysene	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
Dibenz(a,h)anthracene	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
Dibenzofuran	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
3,3'-Dichlorobenzidine	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
2,4-Dichlorophenol	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
Diethyl phthalate	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
2,4-Dimethylphenol	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
Dimethyl phthalate	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
Di-n-butyl phthalate	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
4,6-Dinitro-2-methylphenol	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
2,4-Dinitrophenol	<1.20	U	1.20	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
2,4-Dinitrotoluene	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
2,6-Dinitrotoluene	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
Di-n-octyl phthalate	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
Fluoranthene	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
Fluorene	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1
Hexachlorobenzene	<0.399	U	0.399	mg/Kg	☼	06/04/24 16:06	06/05/24 17:52	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: B-10 (A-D)

Lab Sample ID: 400-256770-10

Date Collected: 05/22/24 13:36

Matrix: Solid

Date Received: 05/30/24 15:07

Percent Solids: 78.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.399	U	0.399	mg/Kg	✳	06/04/24 16:06	06/05/24 17:52	1
Hexachlorocyclopentadiene	<0.399	U	0.399	mg/Kg	✳	06/04/24 16:06	06/05/24 17:52	1
Hexachloroethane	<0.399	U	0.399	mg/Kg	✳	06/04/24 16:06	06/05/24 17:52	1
Indeno[1,2,3-cd]pyrene	<0.399	U	0.399	mg/Kg	✳	06/04/24 16:06	06/05/24 17:52	1
Isophorone	<0.399	U	0.399	mg/Kg	✳	06/04/24 16:06	06/05/24 17:52	1
2-Methylnaphthalene	<0.399	U	0.399	mg/Kg	✳	06/04/24 16:06	06/05/24 17:52	1
2-Methylphenol	<0.399	U	0.399	mg/Kg	✳	06/04/24 16:06	06/05/24 17:52	1
3 & 4 Methylphenol	<0.797	U	0.797	mg/Kg	✳	06/04/24 16:06	06/05/24 17:52	1
Naphthalene	<0.399	U	0.399	mg/Kg	✳	06/04/24 16:06	06/05/24 17:52	1
2-Nitroaniline	<0.399	U	0.399	mg/Kg	✳	06/04/24 16:06	06/05/24 17:52	1
3-Nitroaniline	<0.399	U	0.399	mg/Kg	✳	06/04/24 16:06	06/05/24 17:52	1
4-Nitroaniline	<0.399	U	0.399	mg/Kg	✳	06/04/24 16:06	06/05/24 17:52	1
Nitrobenzene	<0.399	U	0.399	mg/Kg	✳	06/04/24 16:06	06/05/24 17:52	1
2-Nitrophenol	<0.399	U	0.399	mg/Kg	✳	06/04/24 16:06	06/05/24 17:52	1
4-Nitrophenol	<0.399	U	0.399	mg/Kg	✳	06/04/24 16:06	06/05/24 17:52	1
N-Nitrosodi-n-propylamine	<0.399	U	0.399	mg/Kg	✳	06/04/24 16:06	06/05/24 17:52	1
n-Nitrosodiphenylamine(as diphenylamine)	<0.399	U	0.399	mg/Kg	✳	06/04/24 16:06	06/05/24 17:52	1
2,2'-oxybis(1-chloropropane)	<0.399	U	0.399	mg/Kg	✳	06/04/24 16:06	06/05/24 17:52	1
Pentachlorophenol	<0.797	U	0.797	mg/Kg	✳	06/04/24 16:06	06/05/24 17:52	1
Phenanthrene	<0.399	U	0.399	mg/Kg	✳	06/04/24 16:06	06/05/24 17:52	1
Phenol	<0.399	U	0.399	mg/Kg	✳	06/04/24 16:06	06/05/24 17:52	1
Pyrene	<0.399	U	0.399	mg/Kg	✳	06/04/24 16:06	06/05/24 17:52	1
2,4,5-Trichlorophenol	<0.399	U	0.399	mg/Kg	✳	06/04/24 16:06	06/05/24 17:52	1
2,4,6-Trichlorophenol	<0.399	U	0.399	mg/Kg	✳	06/04/24 16:06	06/05/24 17:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	73		27 - 127	06/04/24 16:06	06/05/24 17:52	1
2-Fluorophenol (Surr)	68		25 - 128	06/04/24 16:06	06/05/24 17:52	1
Nitrobenzene-d5 (Surr)	70		15 - 136	06/04/24 16:06	06/05/24 17:52	1
Phenol-d5 (Surr)	76		29 - 130	06/04/24 16:06	06/05/24 17:52	1
Terphenyl-d14 (Surr)	100		24 - 146	06/04/24 16:06	06/05/24 17:52	1
2,4,6-Tribromophenol (Surr)	76		10 - 150	06/04/24 16:06	06/05/24 17:52	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0208	U	0.0208	mg/Kg	✳	06/05/24 11:39	06/06/24 16:35	1
PCB-1221	<0.0208	U	0.0208	mg/Kg	✳	06/05/24 11:39	06/06/24 16:35	1
PCB-1232	<0.0208	U	0.0208	mg/Kg	✳	06/05/24 11:39	06/06/24 16:35	1
PCB-1242	<0.0208	U	0.0208	mg/Kg	✳	06/05/24 11:39	06/06/24 16:35	1
PCB-1248	<0.0208	U	0.0208	mg/Kg	✳	06/05/24 11:39	06/06/24 16:35	1
PCB-1254	<0.0208	U	0.0208	mg/Kg	✳	06/05/24 11:39	06/06/24 16:35	1
PCB-1260	<0.0208	U	0.0208	mg/Kg	✳	06/05/24 11:39	06/06/24 16:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	84		26 - 129	06/05/24 11:39	06/06/24 16:35	1
Tetrachloro-m-xylene	56		31 - 122	06/05/24 11:39	06/06/24 16:35	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.18		2.55	mg/Kg	✳	06/07/24 11:40	06/10/24 14:58	1

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Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: B-10 (A-D)

Lab Sample ID: 400-256770-10

Date Collected: 05/22/24 13:36

Matrix: Solid

Date Received: 05/30/24 15:07

Percent Solids: 78.4

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	118		1.28	mg/Kg	☼	06/07/24 11:40	06/10/24 14:58	1
Cadmium	<0.638	U	0.638	mg/Kg	☼	06/07/24 11:40	06/10/24 14:58	1
Chromium	31.7		1.28	mg/Kg	☼	06/07/24 11:40	06/10/24 14:58	1
Silver	<1.28	U	1.28	mg/Kg	☼	06/07/24 11:40	06/10/24 14:58	1
Lead	20.5		1.28	mg/Kg	☼	06/07/24 11:40	06/10/24 14:58	1
Selenium	<3.19	U	3.19	mg/Kg	☼	06/07/24 11:40	06/10/24 14:58	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0307	U	0.0307	mg/Kg	☼	06/07/24 10:51	06/07/24 15:58	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	78.4		0.01	%			06/01/24 14:41	1
Percent Moisture (EPA Moisture)	21.6		0.01	%			06/01/24 14:41	1



Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: B-14 (A-D)

Lab Sample ID: 400-256770-11

Date Collected: 05/22/24 13:55

Matrix: Solid

Date Received: 05/30/24 15:07

Percent Solids: 77.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0249		0.0220	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
Benzene	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
Bromoform	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
Bromomethane	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
2-Butanone (MEK)	<0.0220	U	0.0220	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
Carbon disulfide	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
Carbon tetrachloride	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
Chlorobenzene	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
Chlorobromomethane	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
Chlorodibromomethane	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
Chloroethane	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
Chloroform	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
Chloromethane	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
cis-1,2-Dichloroethene	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
cis-1,3-Dichloropropene	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
Cyclohexane	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
1,2-Dibromo-3-Chloropropane	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
1,2-Dichlorobenzene	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
1,3-Dichlorobenzene	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
1,4-Dichlorobenzene	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
Dichlorobromomethane	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
Dichlorodifluoromethane	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
1,1-Dichloroethane	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
1,2-Dichloroethane	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
1,1-Dichloroethene	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
1,2-Dichloropropane	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
Ethylbenzene	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
Ethylene Dibromide	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
2-Hexanone	<0.0220	U	0.0220	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
Isopropylbenzene	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
Methyl acetate	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
Methylcyclohexane	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
Methylene Chloride	<0.0132	U	0.0132	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
4-Methyl-2-pentanone (MIBK)	<0.0220	U	0.0220	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
Methyl tert-butyl ether	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
Styrene	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
1,1,2,2-Tetrachloroethane	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
Tetrachloroethene	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
Toluene	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
trans-1,2-Dichloroethene	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
trans-1,3-Dichloropropene	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
1,2,3-Trichlorobenzene	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
1,2,4-Trichlorobenzene	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
1,1,1-Trichloroethane	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
1,1,2-Trichloroethane	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
Trichloroethene	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
Trichlorofluoromethane	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1
Vinyl chloride	<0.00441	U	0.00441	mg/Kg	✳	06/05/24 09:12	06/05/24 16:22	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: B-14 (A-D)

Lab Sample ID: 400-256770-11

Date Collected: 05/22/24 13:55

Matrix: Solid

Date Received: 05/30/24 15:07

Percent Solids: 77.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00881	U	0.00881	mg/Kg	☼	06/05/24 09:12	06/05/24 16:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		67 - 130			06/05/24 09:12	06/05/24 16:22	1
Dibromofluoromethane	100		77 - 127			06/05/24 09:12	06/05/24 16:22	1
Toluene-d8 (Surr)	99		76 - 127			06/05/24 09:12	06/05/24 16:22	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Acenaphthylene	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Acetophenone	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Anthracene	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Atrazine	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Benzaldehyde	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Benzo[a]anthracene	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Benzo[a]pyrene	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Benzo[b]fluoranthene	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Benzo[g,h,i]perylene	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Benzo[k]fluoranthene	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
1,1'-Biphenyl	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Bis(2-chloroethoxy)methane	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Bis(2-chloroethyl)ether	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Bis(2-ethylhexyl) phthalate	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
4-Bromophenyl phenyl ether	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Butyl benzyl phthalate	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Caprolactam	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Carbazole	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
4-Chloroaniline	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
4-Chloro-3-methylphenol	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
2-Chloronaphthalene	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
2-Chlorophenol	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
4-Chlorophenyl phenyl ether	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Chrysene	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Dibenz(a,h)anthracene	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Dibenzofuran	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
3,3'-Dichlorobenzidine	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
2,4-Dichlorophenol	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Diethyl phthalate	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
2,4-Dimethylphenol	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Dimethyl phthalate	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Di-n-butyl phthalate	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
4,6-Dinitro-2-methylphenol	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
2,4-Dinitrophenol	<2.46	U	2.46	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
2,4-Dinitrotoluene	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
2,6-Dinitrotoluene	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Di-n-octyl phthalate	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Fluoranthene	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Fluorene	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Hexachlorobenzene	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: B-14 (A-D)

Lab Sample ID: 400-256770-11

Date Collected: 05/22/24 13:55

Matrix: Solid

Date Received: 05/30/24 15:07

Percent Solids: 77.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Hexachlorocyclopentadiene	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Hexachloroethane	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Indeno[1,2,3-cd]pyrene	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Isophorone	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
2-Methylnaphthalene	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
2-Methylphenol	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
3 & 4 Methylphenol	<1.64	U	1.64	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Naphthalene	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
2-Nitroaniline	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
3-Nitroaniline	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
4-Nitroaniline	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Nitrobenzene	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
2-Nitrophenol	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
4-Nitrophenol	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
N-Nitrosodi-n-propylamine	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
n-Nitrosodiphenylamine(as diphenylamine)	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
2,2'-oxybis(1-chloropropane)	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Pentachlorophenol	<1.64	U	1.64	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Phenanthrene	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Phenol	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
Pyrene	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
2,4,5-Trichlorophenol	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2
2,4,6-Trichlorophenol	<0.822	U	0.822	mg/Kg	☼	06/04/24 16:06	06/05/24 18:05	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	49		27 - 127	06/04/24 16:06	06/05/24 18:05	2
2-Fluorophenol (Surr)	44		25 - 128	06/04/24 16:06	06/05/24 18:05	2
Nitrobenzene-d5 (Surr)	45		15 - 136	06/04/24 16:06	06/05/24 18:05	2
Phenol-d5 (Surr)	49		29 - 130	06/04/24 16:06	06/05/24 18:05	2
Terphenyl-d14 (Surr)	65		24 - 146	06/04/24 16:06	06/05/24 18:05	2
2,4,6-Tribromophenol (Surr)	57		10 - 150	06/04/24 16:06	06/05/24 18:05	2

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.110	U	0.110	mg/Kg	☼	06/05/24 11:39	06/06/24 16:48	5
PCB-1221	<0.110	U	0.110	mg/Kg	☼	06/05/24 11:39	06/06/24 16:48	5
PCB-1232	<0.110	U	0.110	mg/Kg	☼	06/05/24 11:39	06/06/24 16:48	5
PCB-1242	<0.110	U	0.110	mg/Kg	☼	06/05/24 11:39	06/06/24 16:48	5
PCB-1248	<0.110	U	0.110	mg/Kg	☼	06/05/24 11:39	06/06/24 16:48	5
PCB-1254	<0.110	U	0.110	mg/Kg	☼	06/05/24 11:39	06/06/24 16:48	5
PCB-1260	<0.110	U	0.110	mg/Kg	☼	06/05/24 11:39	06/06/24 16:48	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	98		26 - 129	06/05/24 11:39	06/06/24 16:48	5
Tetrachloro-m-xylene	63		31 - 122	06/05/24 11:39	06/06/24 16:48	5

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.12		2.32	mg/Kg	☼	06/07/24 11:40	06/10/24 15:01	1

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Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: B-14 (A-D)

Lab Sample ID: 400-256770-11

Date Collected: 05/22/24 13:55

Matrix: Solid

Date Received: 05/30/24 15:07

Percent Solids: 77.0

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	92.0		1.16	mg/Kg	☼	06/07/24 11:40	06/10/24 15:01	1
Cadmium	<0.580	U	0.580	mg/Kg	☼	06/07/24 11:40	06/10/24 15:01	1
Chromium	39.1		1.16	mg/Kg	☼	06/07/24 11:40	06/10/24 15:01	1
Silver	<1.16	U	1.16	mg/Kg	☼	06/07/24 11:40	06/10/24 15:01	1
Lead	23.4		1.16	mg/Kg	☼	06/07/24 11:40	06/10/24 15:01	1
Selenium	<2.90	U	2.90	mg/Kg	☼	06/07/24 11:40	06/10/24 15:01	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0700		0.0325	mg/Kg	☼	06/07/24 10:51	06/07/24 16:09	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	77.0		0.01	%			06/01/24 14:41	1
Percent Moisture (EPA Moisture)	23.0		0.01	%			06/01/24 14:41	1

Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: B-18 (A-E)

Lab Sample ID: 400-256770-12

Date Collected: 05/22/24 14:38

Matrix: Solid

Date Received: 05/30/24 15:07

Percent Solids: 78.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0429		0.0206	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
Benzene	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
Bromoform	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
Bromomethane	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
2-Butanone (MEK)	<0.0206	U	0.0206	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
Carbon disulfide	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
Carbon tetrachloride	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
Chlorobenzene	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
Chlorobromomethane	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
Chlorodibromomethane	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
Chloroethane	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
Chloroform	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
Chloromethane	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
cis-1,2-Dichloroethene	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
cis-1,3-Dichloropropene	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
Cyclohexane	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
1,2-Dibromo-3-Chloropropane	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
1,2-Dichlorobenzene	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
1,3-Dichlorobenzene	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
1,4-Dichlorobenzene	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
Dichlorobromomethane	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
Dichlorodifluoromethane	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
1,1-Dichloroethane	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
1,2-Dichloroethane	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
1,1-Dichloroethene	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
1,2-Dichloropropane	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
Ethylbenzene	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
Ethylene Dibromide	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
2-Hexanone	<0.0206	U	0.0206	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
Isopropylbenzene	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
Methyl acetate	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
Methylcyclohexane	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
Methylene Chloride	<0.0124	U	0.0124	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
4-Methyl-2-pentanone (MIBK)	<0.0206	U	0.0206	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
Methyl tert-butyl ether	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
Styrene	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
1,1,2,2-Tetrachloroethane	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
Tetrachloroethene	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
Toluene	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
trans-1,2-Dichloroethene	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
trans-1,3-Dichloropropene	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
1,2,3-Trichlorobenzene	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
1,2,4-Trichlorobenzene	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
1,1,1-Trichloroethane	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
1,1,2-Trichloroethane	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
Trichloroethene	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
Trichlorofluoromethane	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
Vinyl chloride	<0.00412	U	0.00412	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: B-18 (A-E)

Lab Sample ID: 400-256770-12

Date Collected: 05/22/24 14:38

Matrix: Solid

Date Received: 05/30/24 15:07

Percent Solids: 78.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00825	U	0.00825	mg/Kg	☼	06/05/24 09:12	06/05/24 17:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		67 - 130			06/05/24 09:12	06/05/24 17:18	1
Dibromofluoromethane	99		77 - 127			06/05/24 09:12	06/05/24 17:18	1
Toluene-d8 (Surr)	98		76 - 127			06/05/24 09:12	06/05/24 17:18	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
Acenaphthylene	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
Acetophenone	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
Anthracene	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
Atrazine	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
Benzaldehyde	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
Benzo[a]anthracene	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
Benzo[a]pyrene	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
Benzo[b]fluoranthene	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
Benzo[g,h,i]perylene	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
Benzo[k]fluoranthene	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
1,1'-Biphenyl	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
Bis(2-chloroethoxy)methane	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
Bis(2-chloroethyl)ether	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
Bis(2-ethylhexyl) phthalate	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
4-Bromophenyl phenyl ether	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
Butyl benzyl phthalate	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
Caprolactam	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
Carbazole	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
4-Chloroaniline	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
4-Chloro-3-methylphenol	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
2-Chloronaphthalene	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
2-Chlorophenol	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
4-Chlorophenyl phenyl ether	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
Chrysene	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
Dibenz(a,h)anthracene	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
Dibenzofuran	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
3,3'-Dichlorobenzidine	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
2,4-Dichlorophenol	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
Diethyl phthalate	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
2,4-Dimethylphenol	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
Dimethyl phthalate	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
Di-n-butyl phthalate	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
4,6-Dinitro-2-methylphenol	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
2,4-Dinitrophenol	<6.28	U	6.28	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
2,4-Dinitrotoluene	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
2,6-Dinitrotoluene	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
Di-n-octyl phthalate	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
Fluoranthene	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
Fluorene	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5
Hexachlorobenzene	<2.09	U	2.09	mg/Kg	☼	06/04/24 16:06	06/05/24 18:29	5

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: B-18 (A-E)

Lab Sample ID: 400-256770-12

Date Collected: 05/22/24 14:38

Matrix: Solid

Date Received: 05/30/24 15:07

Percent Solids: 78.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<2.09	U	2.09	mg/Kg	✱	06/04/24 16:06	06/05/24 18:29	5
Hexachlorocyclopentadiene	<2.09	U	2.09	mg/Kg	✱	06/04/24 16:06	06/05/24 18:29	5
Hexachloroethane	<2.09	U	2.09	mg/Kg	✱	06/04/24 16:06	06/05/24 18:29	5
Indeno[1,2,3-cd]pyrene	<2.09	U	2.09	mg/Kg	✱	06/04/24 16:06	06/05/24 18:29	5
Isophorone	<2.09	U	2.09	mg/Kg	✱	06/04/24 16:06	06/05/24 18:29	5
2-Methylnaphthalene	<2.09	U	2.09	mg/Kg	✱	06/04/24 16:06	06/05/24 18:29	5
2-Methylphenol	<2.09	U	2.09	mg/Kg	✱	06/04/24 16:06	06/05/24 18:29	5
3 & 4 Methylphenol	<4.19	U	4.19	mg/Kg	✱	06/04/24 16:06	06/05/24 18:29	5
Naphthalene	<2.09	U	2.09	mg/Kg	✱	06/04/24 16:06	06/05/24 18:29	5
2-Nitroaniline	<2.09	U	2.09	mg/Kg	✱	06/04/24 16:06	06/05/24 18:29	5
3-Nitroaniline	<2.09	U	2.09	mg/Kg	✱	06/04/24 16:06	06/05/24 18:29	5
4-Nitroaniline	<2.09	U	2.09	mg/Kg	✱	06/04/24 16:06	06/05/24 18:29	5
Nitrobenzene	<2.09	U	2.09	mg/Kg	✱	06/04/24 16:06	06/05/24 18:29	5
2-Nitrophenol	<2.09	U	2.09	mg/Kg	✱	06/04/24 16:06	06/05/24 18:29	5
4-Nitrophenol	<2.09	U	2.09	mg/Kg	✱	06/04/24 16:06	06/05/24 18:29	5
N-Nitrosodi-n-propylamine	<2.09	U	2.09	mg/Kg	✱	06/04/24 16:06	06/05/24 18:29	5
n-Nitrosodiphenylamine(as diphenylamine)	<2.09	U	2.09	mg/Kg	✱	06/04/24 16:06	06/05/24 18:29	5
2,2'-oxybis(1-chloropropane)	<2.09	U	2.09	mg/Kg	✱	06/04/24 16:06	06/05/24 18:29	5
Pentachlorophenol	<4.19	U	4.19	mg/Kg	✱	06/04/24 16:06	06/05/24 18:29	5
Phenanthrene	<2.09	U	2.09	mg/Kg	✱	06/04/24 16:06	06/05/24 18:29	5
Phenol	<2.09	U	2.09	mg/Kg	✱	06/04/24 16:06	06/05/24 18:29	5
Pyrene	<2.09	U	2.09	mg/Kg	✱	06/04/24 16:06	06/05/24 18:29	5
2,4,5-Trichlorophenol	<2.09	U	2.09	mg/Kg	✱	06/04/24 16:06	06/05/24 18:29	5
2,4,6-Trichlorophenol	<2.09	U	2.09	mg/Kg	✱	06/04/24 16:06	06/05/24 18:29	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	53		27 - 127	06/04/24 16:06	06/05/24 18:29	5
2-Fluorophenol (Surr)	43		25 - 128	06/04/24 16:06	06/05/24 18:29	5
Nitrobenzene-d5 (Surr)	49		15 - 136	06/04/24 16:06	06/05/24 18:29	5
Phenol-d5 (Surr)	49		29 - 130	06/04/24 16:06	06/05/24 18:29	5
Terphenyl-d14 (Surr)	65		24 - 146	06/04/24 16:06	06/05/24 18:29	5
2,4,6-Tribromophenol (Surr)	63		10 - 150	06/04/24 16:06	06/05/24 18:29	5

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.107	U	0.107	mg/Kg	✱	06/05/24 11:39	06/06/24 17:01	5
PCB-1221	<0.107	U	0.107	mg/Kg	✱	06/05/24 11:39	06/06/24 17:01	5
PCB-1232	<0.107	U	0.107	mg/Kg	✱	06/05/24 11:39	06/06/24 17:01	5
PCB-1242	<0.107	U	0.107	mg/Kg	✱	06/05/24 11:39	06/06/24 17:01	5
PCB-1248	<0.107	U	0.107	mg/Kg	✱	06/05/24 11:39	06/07/24 11:52	5
PCB-1254	<0.107	U	0.107	mg/Kg	✱	06/05/24 11:39	06/07/24 11:52	5
PCB-1260	<0.107	U	0.107	mg/Kg	✱	06/05/24 11:39	06/06/24 17:01	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	87		26 - 129	06/05/24 11:39	06/06/24 17:01	5
Tetrachloro-m-xylene	65		31 - 122	06/05/24 11:39	06/06/24 17:01	5

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.71		2.51	mg/Kg	✱	06/07/24 11:40	06/10/24 15:03	1

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Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: B-18 (A-E)

Lab Sample ID: 400-256770-12

Date Collected: 05/22/24 14:38

Matrix: Solid

Date Received: 05/30/24 15:07

Percent Solids: 78.0

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	66.3		1.26	mg/Kg	☼	06/07/24 11:40	06/10/24 15:03	1
Cadmium	<0.628	U	0.628	mg/Kg	☼	06/07/24 11:40	06/10/24 15:03	1
Chromium	30.2		1.26	mg/Kg	☼	06/07/24 11:40	06/10/24 15:03	1
Silver	<1.26	U	1.26	mg/Kg	☼	06/07/24 11:40	06/10/24 15:03	1
Lead	11.4		1.26	mg/Kg	☼	06/07/24 11:40	06/10/24 15:03	1
Selenium	<3.14	U	3.14	mg/Kg	☼	06/07/24 11:40	06/10/24 15:03	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0325		0.0308	mg/Kg	☼	06/07/24 10:51	06/07/24 16:11	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	78.0		0.01	%			06/01/24 14:41	1
Percent Moisture (EPA Moisture)	22.0		0.01	%			06/01/24 14:41	1

Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: B-21 (A-E)

Lab Sample ID: 400-256770-13

Date Collected: 05/22/24 17:46

Matrix: Solid

Date Received: 05/30/24 15:07

Percent Solids: 78.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0869		0.0228	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
Benzene	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
Bromoform	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
Bromomethane	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
2-Butanone (MEK)	<0.0228	U	0.0228	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
Carbon disulfide	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
Carbon tetrachloride	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
Chlorobenzene	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
Chlorobromomethane	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
Chlorodibromomethane	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
Chloroethane	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
Chloroform	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
Chloromethane	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
cis-1,2-Dichloroethene	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
cis-1,3-Dichloropropene	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
Cyclohexane	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
1,2-Dibromo-3-Chloropropane	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
1,2-Dichlorobenzene	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
1,3-Dichlorobenzene	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
1,4-Dichlorobenzene	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
Dichlorobromomethane	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
Dichlorodifluoromethane	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
1,1-Dichloroethane	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
1,2-Dichloroethane	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
1,1-Dichloroethene	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
1,2-Dichloropropane	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
Ethylbenzene	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
Ethylene Dibromide	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
2-Hexanone	<0.0228	U	0.0228	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
Isopropylbenzene	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
Methyl acetate	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
Methylcyclohexane	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
Methylene Chloride	<0.0137	U	0.0137	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
4-Methyl-2-pentanone (MIBK)	<0.0228	U	0.0228	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
Methyl tert-butyl ether	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
Styrene	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
1,1,2,2-Tetrachloroethane	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
Tetrachloroethene	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
Toluene	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
trans-1,2-Dichloroethene	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
trans-1,3-Dichloropropene	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
1,2,3-Trichlorobenzene	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
1,2,4-Trichlorobenzene	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
1,1,1-Trichloroethane	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
1,1,2-Trichloroethane	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
Trichloroethene	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
Trichlorofluoromethane	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
Vinyl chloride	<0.00457	U	0.00457	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1

Eurofins Pensacola

Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: B-21 (A-E)

Lab Sample ID: 400-256770-13

Date Collected: 05/22/24 17:46

Matrix: Solid

Date Received: 05/30/24 15:07

Percent Solids: 78.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00913	U	0.00913	mg/Kg	☼	06/05/24 09:12	06/05/24 17:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		67 - 130			06/05/24 09:12	06/05/24 17:37	1
Dibromofluoromethane	102		77 - 127			06/05/24 09:12	06/05/24 17:37	1
Toluene-d8 (Surr)	98		76 - 127			06/05/24 09:12	06/05/24 17:37	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
Acenaphthylene	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
Acetophenone	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
Anthracene	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
Atrazine	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
Benzaldehyde	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
Benzo[a]anthracene	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
Benzo[a]pyrene	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
Benzo[b]fluoranthene	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
Benzo[g,h,i]perylene	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
Benzo[k]fluoranthene	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
1,1'-Biphenyl	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
Bis(2-chloroethoxy)methane	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
Bis(2-chloroethyl)ether	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
Bis(2-ethylhexyl) phthalate	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
4-Bromophenyl phenyl ether	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
Butyl benzyl phthalate	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
Caprolactam	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
Carbazole	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
4-Chloroaniline	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
4-Chloro-3-methylphenol	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
2-Chloronaphthalene	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
2-Chlorophenol	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
4-Chlorophenyl phenyl ether	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
Chrysene	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
Dibenz(a,h)anthracene	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
Dibenzofuran	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
3,3'-Dichlorobenzidine	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
2,4-Dichlorophenol	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
Diethyl phthalate	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
2,4-Dimethylphenol	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
Dimethyl phthalate	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
Di-n-butyl phthalate	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
4,6-Dinitro-2-methylphenol	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
2,4-Dinitrophenol	<1.25	U	1.25	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
2,4-Dinitrotoluene	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
2,6-Dinitrotoluene	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
Di-n-octyl phthalate	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
Fluoranthene	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
Fluorene	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1
Hexachlorobenzene	<0.417	U	0.417	mg/Kg	☼	06/04/24 16:06	06/05/24 18:15	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: B-21 (A-E)

Lab Sample ID: 400-256770-13

Date Collected: 05/22/24 17:46

Matrix: Solid

Date Received: 05/30/24 15:07

Percent Solids: 78.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.417	U	0.417	mg/Kg	✳	06/04/24 16:06	06/05/24 18:15	1
Hexachlorocyclopentadiene	<0.417	U	0.417	mg/Kg	✳	06/04/24 16:06	06/05/24 18:15	1
Hexachloroethane	<0.417	U	0.417	mg/Kg	✳	06/04/24 16:06	06/05/24 18:15	1
Indeno[1,2,3-cd]pyrene	<0.417	U	0.417	mg/Kg	✳	06/04/24 16:06	06/05/24 18:15	1
Isophorone	<0.417	U	0.417	mg/Kg	✳	06/04/24 16:06	06/05/24 18:15	1
2-Methylnaphthalene	<0.417	U	0.417	mg/Kg	✳	06/04/24 16:06	06/05/24 18:15	1
2-Methylphenol	<0.417	U	0.417	mg/Kg	✳	06/04/24 16:06	06/05/24 18:15	1
3 & 4 Methylphenol	<0.833	U	0.833	mg/Kg	✳	06/04/24 16:06	06/05/24 18:15	1
Naphthalene	<0.417	U	0.417	mg/Kg	✳	06/04/24 16:06	06/05/24 18:15	1
2-Nitroaniline	<0.417	U	0.417	mg/Kg	✳	06/04/24 16:06	06/05/24 18:15	1
3-Nitroaniline	<0.417	U	0.417	mg/Kg	✳	06/04/24 16:06	06/05/24 18:15	1
4-Nitroaniline	<0.417	U	0.417	mg/Kg	✳	06/04/24 16:06	06/05/24 18:15	1
Nitrobenzene	<0.417	U	0.417	mg/Kg	✳	06/04/24 16:06	06/05/24 18:15	1
2-Nitrophenol	<0.417	U	0.417	mg/Kg	✳	06/04/24 16:06	06/05/24 18:15	1
4-Nitrophenol	<0.417	U	0.417	mg/Kg	✳	06/04/24 16:06	06/05/24 18:15	1
N-Nitrosodi-n-propylamine	<0.417	U	0.417	mg/Kg	✳	06/04/24 16:06	06/05/24 18:15	1
n-Nitrosodiphenylamine(as diphenylamine)	<0.417	U	0.417	mg/Kg	✳	06/04/24 16:06	06/05/24 18:15	1
2,2'-oxybis(1-chloropropane)	<0.417	U	0.417	mg/Kg	✳	06/04/24 16:06	06/05/24 18:15	1
Pentachlorophenol	<0.833	U	0.833	mg/Kg	✳	06/04/24 16:06	06/05/24 18:15	1
Phenanthrene	<0.417	U	0.417	mg/Kg	✳	06/04/24 16:06	06/05/24 18:15	1
Phenol	<0.417	U	0.417	mg/Kg	✳	06/04/24 16:06	06/05/24 18:15	1
Pyrene	<0.417	U	0.417	mg/Kg	✳	06/04/24 16:06	06/05/24 18:15	1
2,4,5-Trichlorophenol	<0.417	U	0.417	mg/Kg	✳	06/04/24 16:06	06/05/24 18:15	1
2,4,6-Trichlorophenol	<0.417	U	0.417	mg/Kg	✳	06/04/24 16:06	06/05/24 18:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	72		27 - 127	06/04/24 16:06	06/05/24 18:15	1
2-Fluorophenol (Surr)	69		25 - 128	06/04/24 16:06	06/05/24 18:15	1
Nitrobenzene-d5 (Surr)	68		15 - 136	06/04/24 16:06	06/05/24 18:15	1
Phenol-d5 (Surr)	76		29 - 130	06/04/24 16:06	06/05/24 18:15	1
Terphenyl-d14 (Surr)	97		24 - 146	06/04/24 16:06	06/05/24 18:15	1
2,4,6-Tribromophenol (Surr)	83		10 - 150	06/04/24 16:06	06/05/24 18:15	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0216	U	0.0216	mg/Kg	✳	06/05/24 11:39	06/06/24 17:14	1
PCB-1221	<0.0216	U	0.0216	mg/Kg	✳	06/05/24 11:39	06/06/24 17:14	1
PCB-1232	<0.0216	U	0.0216	mg/Kg	✳	06/05/24 11:39	06/06/24 17:14	1
PCB-1242	<0.0216	U	0.0216	mg/Kg	✳	06/05/24 11:39	06/06/24 17:14	1
PCB-1248	<0.0216	U	0.0216	mg/Kg	✳	06/05/24 11:39	06/06/24 17:14	1
PCB-1254	<0.0216	U	0.0216	mg/Kg	✳	06/05/24 11:39	06/06/24 17:14	1
PCB-1260	<0.0216	U	0.0216	mg/Kg	✳	06/05/24 11:39	06/06/24 17:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	77		26 - 129	06/05/24 11:39	06/06/24 17:14	1
Tetrachloro-m-xylene	52		31 - 122	06/05/24 11:39	06/06/24 17:14	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.13		2.46	mg/Kg	✳	06/07/24 11:40	06/10/24 15:05	1

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Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: B-21 (A-E)

Lab Sample ID: 400-256770-13

Date Collected: 05/22/24 17:46

Matrix: Solid

Date Received: 05/30/24 15:07

Percent Solids: 78.1

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	86.6		1.23	mg/Kg	☼	06/07/24 11:40	06/10/24 15:05	1
Cadmium	<0.616	U	0.616	mg/Kg	☼	06/07/24 11:40	06/10/24 15:05	1
Chromium	51.1		1.23	mg/Kg	☼	06/07/24 11:40	06/10/24 15:05	1
Silver	<1.23	U	1.23	mg/Kg	☼	06/07/24 11:40	06/10/24 15:05	1
Lead	16.5		1.23	mg/Kg	☼	06/07/24 11:40	06/10/24 15:05	1
Selenium	<3.08	U	3.08	mg/Kg	☼	06/07/24 11:40	06/10/24 15:05	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0475		0.0291	mg/Kg	☼	06/07/24 10:51	06/07/24 16:13	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	78.1		0.01	%			06/01/24 14:41	1
Percent Moisture (EPA Moisture)	21.9		0.01	%			06/01/24 14:41	1

Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: B-22 (A-D)

Lab Sample ID: 400-256770-14

Date Collected: 05/22/24 16:27

Matrix: Solid

Date Received: 05/30/24 15:07

Percent Solids: 76.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.145		0.0204	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
Benzene	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
Bromoform	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
Bromomethane	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
2-Butanone (MEK)	<0.0204	U	0.0204	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
Carbon disulfide	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
Carbon tetrachloride	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
Chlorobenzene	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
Chlorobromomethane	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
Chlorodibromomethane	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
Chloroethane	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
Chloroform	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
Chloromethane	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
cis-1,2-Dichloroethene	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
cis-1,3-Dichloropropene	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
Cyclohexane	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
1,2-Dibromo-3-Chloropropane	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
1,2-Dichlorobenzene	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
1,3-Dichlorobenzene	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
1,4-Dichlorobenzene	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
Dichlorobromomethane	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
Dichlorodifluoromethane	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
1,1-Dichloroethane	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
1,2-Dichloroethane	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
1,1-Dichloroethene	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
1,2-Dichloropropane	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
Ethylbenzene	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
Ethylene Dibromide	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
2-Hexanone	<0.0204	U	0.0204	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
Isopropylbenzene	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
Methyl acetate	0.00479		0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
Methylcyclohexane	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
Methylene Chloride	<0.0122	U	0.0122	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
4-Methyl-2-pentanone (MIBK)	<0.0204	U	0.0204	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
Methyl tert-butyl ether	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
Styrene	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
1,1,2,2-Tetrachloroethane	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
Tetrachloroethene	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
Toluene	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
trans-1,2-Dichloroethene	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
trans-1,3-Dichloropropene	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
1,2,3-Trichlorobenzene	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
1,2,4-Trichlorobenzene	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
1,1,1-Trichloroethane	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
1,1,2-Trichloroethane	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
Trichloroethene	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
Trichlorofluoromethane	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
Vinyl chloride	<0.00407	U	0.00407	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: B-22 (A-D)

Lab Sample ID: 400-256770-14

Date Collected: 05/22/24 16:27

Matrix: Solid

Date Received: 05/30/24 15:07

Percent Solids: 76.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00814	U	0.00814	mg/Kg	☼	06/05/24 09:12	06/05/24 18:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		67 - 130			06/05/24 09:12	06/05/24 18:34	1
Dibromofluoromethane	102		77 - 127			06/05/24 09:12	06/05/24 18:34	1
Toluene-d8 (Surr)	97		76 - 127			06/05/24 09:12	06/05/24 18:34	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
Acenaphthylene	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
Acetophenone	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
Anthracene	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
Atrazine	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
Benzaldehyde	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
Benzo[a]anthracene	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
Benzo[a]pyrene	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
Benzo[b]fluoranthene	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
Benzo[g,h,i]perylene	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
Benzo[k]fluoranthene	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
1,1'-Biphenyl	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
Bis(2-chloroethoxy)methane	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
Bis(2-chloroethyl)ether	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
Bis(2-ethylhexyl) phthalate	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
4-Bromophenyl phenyl ether	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
Butyl benzyl phthalate	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
Caprolactam	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
Carbazole	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
4-Chloroaniline	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
4-Chloro-3-methylphenol	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
2-Chloronaphthalene	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
2-Chlorophenol	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
4-Chlorophenyl phenyl ether	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
Chrysene	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
Dibenz(a,h)anthracene	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
Dibenzofuran	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
3,3'-Dichlorobenzidine	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
2,4-Dichlorophenol	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
Diethyl phthalate	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
2,4-Dimethylphenol	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
Dimethyl phthalate	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
Di-n-butyl phthalate	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
4,6-Dinitro-2-methylphenol	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
2,4-Dinitrophenol	<1.21	U	1.21	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
2,4-Dinitrotoluene	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
2,6-Dinitrotoluene	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
Di-n-octyl phthalate	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
Fluoranthene	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
Fluorene	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1
Hexachlorobenzene	<0.405	U	0.405	mg/Kg	☼	06/04/24 16:06	06/05/24 18:38	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: B-22 (A-D)

Lab Sample ID: 400-256770-14

Date Collected: 05/22/24 16:27

Matrix: Solid

Date Received: 05/30/24 15:07

Percent Solids: 76.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.405	U	0.405	mg/Kg	✳	06/04/24 16:06	06/05/24 18:38	1
Hexachlorocyclopentadiene	<0.405	U	0.405	mg/Kg	✳	06/04/24 16:06	06/05/24 18:38	1
Hexachloroethane	<0.405	U	0.405	mg/Kg	✳	06/04/24 16:06	06/05/24 18:38	1
Indeno[1,2,3-cd]pyrene	<0.405	U	0.405	mg/Kg	✳	06/04/24 16:06	06/05/24 18:38	1
Isophorone	<0.405	U	0.405	mg/Kg	✳	06/04/24 16:06	06/05/24 18:38	1
2-Methylnaphthalene	<0.405	U	0.405	mg/Kg	✳	06/04/24 16:06	06/05/24 18:38	1
2-Methylphenol	<0.405	U	0.405	mg/Kg	✳	06/04/24 16:06	06/05/24 18:38	1
3 & 4 Methylphenol	<0.810	U	0.810	mg/Kg	✳	06/04/24 16:06	06/05/24 18:38	1
Naphthalene	<0.405	U	0.405	mg/Kg	✳	06/04/24 16:06	06/05/24 18:38	1
2-Nitroaniline	<0.405	U	0.405	mg/Kg	✳	06/04/24 16:06	06/05/24 18:38	1
3-Nitroaniline	<0.405	U	0.405	mg/Kg	✳	06/04/24 16:06	06/05/24 18:38	1
4-Nitroaniline	<0.405	U	0.405	mg/Kg	✳	06/04/24 16:06	06/05/24 18:38	1
Nitrobenzene	<0.405	U	0.405	mg/Kg	✳	06/04/24 16:06	06/05/24 18:38	1
2-Nitrophenol	<0.405	U	0.405	mg/Kg	✳	06/04/24 16:06	06/05/24 18:38	1
4-Nitrophenol	<0.405	U	0.405	mg/Kg	✳	06/04/24 16:06	06/05/24 18:38	1
N-Nitrosodi-n-propylamine	<0.405	U	0.405	mg/Kg	✳	06/04/24 16:06	06/05/24 18:38	1
n-Nitrosodiphenylamine(as diphenylamine)	<0.405	U	0.405	mg/Kg	✳	06/04/24 16:06	06/05/24 18:38	1
2,2'-oxybis(1-chloropropane)	<0.405	U	0.405	mg/Kg	✳	06/04/24 16:06	06/05/24 18:38	1
Pentachlorophenol	<0.810	U	0.810	mg/Kg	✳	06/04/24 16:06	06/05/24 18:38	1
Phenanthrene	<0.405	U	0.405	mg/Kg	✳	06/04/24 16:06	06/05/24 18:38	1
Phenol	<0.405	U	0.405	mg/Kg	✳	06/04/24 16:06	06/05/24 18:38	1
Pyrene	<0.405	U	0.405	mg/Kg	✳	06/04/24 16:06	06/05/24 18:38	1
2,4,5-Trichlorophenol	<0.405	U	0.405	mg/Kg	✳	06/04/24 16:06	06/05/24 18:38	1
2,4,6-Trichlorophenol	<0.405	U	0.405	mg/Kg	✳	06/04/24 16:06	06/05/24 18:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	71		27 - 127	06/04/24 16:06	06/05/24 18:38	1
2-Fluorophenol (Surr)	71		25 - 128	06/04/24 16:06	06/05/24 18:38	1
Nitrobenzene-d5 (Surr)	71		15 - 136	06/04/24 16:06	06/05/24 18:38	1
Phenol-d5 (Surr)	79		29 - 130	06/04/24 16:06	06/05/24 18:38	1
Terphenyl-d14 (Surr)	95		24 - 146	06/04/24 16:06	06/05/24 18:38	1
2,4,6-Tribromophenol (Surr)	86		10 - 150	06/04/24 16:06	06/05/24 18:38	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0209	U	0.0209	mg/Kg	✳	06/05/24 11:39	06/06/24 17:27	1
PCB-1221	<0.0209	U	0.0209	mg/Kg	✳	06/05/24 11:39	06/06/24 17:27	1
PCB-1232	<0.0209	U	0.0209	mg/Kg	✳	06/05/24 11:39	06/06/24 17:27	1
PCB-1242	<0.0209	U	0.0209	mg/Kg	✳	06/05/24 11:39	06/06/24 17:27	1
PCB-1248	<0.0209	U	0.0209	mg/Kg	✳	06/05/24 11:39	06/06/24 17:27	1
PCB-1254	<0.0209	U	0.0209	mg/Kg	✳	06/05/24 11:39	06/06/24 17:27	1
PCB-1260	<0.0209	U	0.0209	mg/Kg	✳	06/05/24 11:39	06/06/24 17:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	88		26 - 129	06/05/24 11:39	06/06/24 17:27	1
Tetrachloro-m-xylene	58		31 - 122	06/05/24 11:39	06/06/24 17:27	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.18		2.41	mg/Kg	✳	06/07/24 11:40	06/10/24 15:08	1

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Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: B-22 (A-D)

Lab Sample ID: 400-256770-14

Date Collected: 05/22/24 16:27

Matrix: Solid

Date Received: 05/30/24 15:07

Percent Solids: 76.9

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	87.7		1.20	mg/Kg	☼	06/07/24 11:40	06/10/24 15:08	1
Cadmium	<0.602	U	0.602	mg/Kg	☼	06/07/24 11:40	06/10/24 15:08	1
Chromium	23.9		1.20	mg/Kg	☼	06/07/24 11:40	06/10/24 15:08	1
Silver	<1.20	U	1.20	mg/Kg	☼	06/07/24 11:40	06/10/24 15:08	1
Lead	13.6		1.20	mg/Kg	☼	06/07/24 11:40	06/10/24 15:08	1
Selenium	<3.01	U	3.01	mg/Kg	☼	06/07/24 11:40	06/10/24 15:08	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0319	U	0.0319	mg/Kg	☼	06/07/24 10:51	06/07/24 16:15	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	76.9		0.01	%			06/01/24 14:41	1
Percent Moisture (EPA Moisture)	23.1		0.01	%			06/01/24 14:41	1



Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: B-23 (A-C)

Lab Sample ID: 400-256770-15

Date Collected: 05/22/24 15:48

Matrix: Solid

Date Received: 05/30/24 15:07

Percent Solids: 79.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.154		0.0219	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
Benzene	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
Bromoform	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
Bromomethane	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
2-Butanone (MEK)	<0.0219	U	0.0219	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
Carbon disulfide	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
Carbon tetrachloride	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
Chlorobenzene	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
Chlorobromomethane	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
Chlorodibromomethane	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
Chloroethane	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
Chloroform	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
Chloromethane	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
cis-1,2-Dichloroethene	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
cis-1,3-Dichloropropene	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
Cyclohexane	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
1,2-Dibromo-3-Chloropropane	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
1,2-Dichlorobenzene	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
1,3-Dichlorobenzene	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
1,4-Dichlorobenzene	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
Dichlorobromomethane	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
Dichlorodifluoromethane	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
1,1-Dichloroethane	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
1,2-Dichloroethane	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
1,1-Dichloroethene	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
1,2-Dichloropropane	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
Ethylbenzene	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
Ethylene Dibromide	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
2-Hexanone	<0.0219	U	0.0219	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
Isopropylbenzene	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
Methyl acetate	0.204		0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
Methylcyclohexane	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
Methylene Chloride	<0.0131	U	0.0131	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
4-Methyl-2-pentanone (MIBK)	<0.0219	U	0.0219	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
Methyl tert-butyl ether	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
Styrene	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
1,1,2,2-Tetrachloroethane	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
Tetrachloroethene	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
Toluene	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
trans-1,2-Dichloroethene	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
trans-1,3-Dichloropropene	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
1,2,3-Trichlorobenzene	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
1,2,4-Trichlorobenzene	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
1,1,1-Trichloroethane	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
1,1,2-Trichloroethane	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
Trichloroethene	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
Trichlorofluoromethane	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
Vinyl chloride	<0.00437	U	0.00437	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: B-23 (A-C)

Lab Sample ID: 400-256770-15

Date Collected: 05/22/24 15:48

Matrix: Solid

Date Received: 05/30/24 15:07

Percent Solids: 79.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00875	U	0.00875	mg/Kg	☼	06/05/24 09:12	06/05/24 18:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		67 - 130			06/05/24 09:12	06/05/24 18:15	1
Dibromofluoromethane	100		77 - 127			06/05/24 09:12	06/05/24 18:15	1
Toluene-d8 (Surr)	97		76 - 127			06/05/24 09:12	06/05/24 18:15	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
Acenaphthylene	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
Acetophenone	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
Anthracene	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
Atrazine	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
Benzaldehyde	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
Benzo[a]anthracene	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
Benzo[a]pyrene	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
Benzo[b]fluoranthene	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
Benzo[g,h,i]perylene	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
Benzo[k]fluoranthene	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
1,1'-Biphenyl	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
Bis(2-chloroethoxy)methane	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
Bis(2-chloroethyl)ether	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
Bis(2-ethylhexyl) phthalate	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
4-Bromophenyl phenyl ether	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
Butyl benzyl phthalate	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
Caprolactam	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
Carbazole	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
4-Chloroaniline	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
4-Chloro-3-methylphenol	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
2-Chloronaphthalene	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
2-Chlorophenol	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
4-Chlorophenyl phenyl ether	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
Chrysene	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
Dibenz(a,h)anthracene	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
Dibenzofuran	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
3,3'-Dichlorobenzidine	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
2,4-Dichlorophenol	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
Diethyl phthalate	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
2,4-Dimethylphenol	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
Dimethyl phthalate	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
Di-n-butyl phthalate	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
4,6-Dinitro-2-methylphenol	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
2,4-Dinitrophenol	<1.22	U	1.22	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
2,4-Dinitrotoluene	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
2,6-Dinitrotoluene	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
Di-n-octyl phthalate	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
Fluoranthene	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
Fluorene	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1
Hexachlorobenzene	<0.408	U	0.408	mg/Kg	☼	06/04/24 16:06	06/05/24 19:00	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: B-23 (A-C)

Lab Sample ID: 400-256770-15

Date Collected: 05/22/24 15:48

Matrix: Solid

Date Received: 05/30/24 15:07

Percent Solids: 79.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.408	U	0.408	mg/Kg	✳	06/04/24 16:06	06/05/24 19:00	1
Hexachlorocyclopentadiene	<0.408	U	0.408	mg/Kg	✳	06/04/24 16:06	06/05/24 19:00	1
Hexachloroethane	<0.408	U	0.408	mg/Kg	✳	06/04/24 16:06	06/05/24 19:00	1
Indeno[1,2,3-cd]pyrene	<0.408	U	0.408	mg/Kg	✳	06/04/24 16:06	06/05/24 19:00	1
Isophorone	<0.408	U	0.408	mg/Kg	✳	06/04/24 16:06	06/05/24 19:00	1
2-Methylnaphthalene	<0.408	U	0.408	mg/Kg	✳	06/04/24 16:06	06/05/24 19:00	1
2-Methylphenol	<0.408	U	0.408	mg/Kg	✳	06/04/24 16:06	06/05/24 19:00	1
3 & 4 Methylphenol	<0.816	U	0.816	mg/Kg	✳	06/04/24 16:06	06/05/24 19:00	1
Naphthalene	<0.408	U	0.408	mg/Kg	✳	06/04/24 16:06	06/05/24 19:00	1
2-Nitroaniline	<0.408	U	0.408	mg/Kg	✳	06/04/24 16:06	06/05/24 19:00	1
3-Nitroaniline	<0.408	U	0.408	mg/Kg	✳	06/04/24 16:06	06/05/24 19:00	1
4-Nitroaniline	<0.408	U	0.408	mg/Kg	✳	06/04/24 16:06	06/05/24 19:00	1
Nitrobenzene	<0.408	U	0.408	mg/Kg	✳	06/04/24 16:06	06/05/24 19:00	1
2-Nitrophenol	<0.408	U	0.408	mg/Kg	✳	06/04/24 16:06	06/05/24 19:00	1
4-Nitrophenol	<0.408	U	0.408	mg/Kg	✳	06/04/24 16:06	06/05/24 19:00	1
N-Nitrosodi-n-propylamine	<0.408	U	0.408	mg/Kg	✳	06/04/24 16:06	06/05/24 19:00	1
n-Nitrosodiphenylamine(as diphenylamine)	<0.408	U	0.408	mg/Kg	✳	06/04/24 16:06	06/05/24 19:00	1
2,2'-oxybis(1-chloropropane)	<0.408	U	0.408	mg/Kg	✳	06/04/24 16:06	06/05/24 19:00	1
Pentachlorophenol	<0.816	U	0.816	mg/Kg	✳	06/04/24 16:06	06/05/24 19:00	1
Phenanthrene	<0.408	U	0.408	mg/Kg	✳	06/04/24 16:06	06/05/24 19:00	1
Phenol	<0.408	U	0.408	mg/Kg	✳	06/04/24 16:06	06/05/24 19:00	1
Pyrene	<0.408	U	0.408	mg/Kg	✳	06/04/24 16:06	06/05/24 19:00	1
2,4,5-Trichlorophenol	<0.408	U	0.408	mg/Kg	✳	06/04/24 16:06	06/05/24 19:00	1
2,4,6-Trichlorophenol	<0.408	U	0.408	mg/Kg	✳	06/04/24 16:06	06/05/24 19:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	72		27 - 127	06/04/24 16:06	06/05/24 19:00	1
2-Fluorophenol (Surr)	82		25 - 128	06/04/24 16:06	06/05/24 19:00	1
Nitrobenzene-d5 (Surr)	69		15 - 136	06/04/24 16:06	06/05/24 19:00	1
Phenol-d5 (Surr)	94		29 - 130	06/04/24 16:06	06/05/24 19:00	1
Terphenyl-d14 (Surr)	102		24 - 146	06/04/24 16:06	06/05/24 19:00	1
2,4,6-Tribromophenol (Surr)	86		10 - 150	06/04/24 16:06	06/05/24 19:00	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0213	U	0.0213	mg/Kg	✳	06/05/24 11:39	06/06/24 17:36	1
PCB-1221	<0.0213	U	0.0213	mg/Kg	✳	06/05/24 11:39	06/06/24 17:36	1
PCB-1232	<0.0213	U	0.0213	mg/Kg	✳	06/05/24 11:39	06/06/24 17:36	1
PCB-1242	<0.0213	U	0.0213	mg/Kg	✳	06/05/24 11:39	06/06/24 17:36	1
PCB-1248	<0.0213	U	0.0213	mg/Kg	✳	06/05/24 11:39	06/06/24 17:36	1
PCB-1254	<0.0213	U	0.0213	mg/Kg	✳	06/05/24 11:39	06/06/24 17:36	1
PCB-1260	<0.0213	U	0.0213	mg/Kg	✳	06/05/24 11:39	06/06/24 17:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	44		26 - 129	06/05/24 11:39	06/06/24 17:36	1
Tetrachloro-m-xylene	60		31 - 122	06/05/24 11:39	06/06/24 17:36	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.10		2.38	mg/Kg	✳	06/07/24 11:40	06/10/24 15:10	1

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Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: B-23 (A-C)

Lab Sample ID: 400-256770-15

Date Collected: 05/22/24 15:48

Matrix: Solid

Date Received: 05/30/24 15:07

Percent Solids: 79.3

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	112		1.19	mg/Kg	☼	06/07/24 11:40	06/10/24 15:10	1
Cadmium	<0.595	U	0.595	mg/Kg	☼	06/07/24 11:40	06/10/24 15:10	1
Chromium	32.5		1.19	mg/Kg	☼	06/07/24 11:40	06/10/24 15:10	1
Silver	<1.19	U	1.19	mg/Kg	☼	06/07/24 11:40	06/10/24 15:10	1
Lead	18.5		1.19	mg/Kg	☼	06/07/24 11:40	06/10/24 15:10	1
Selenium	<2.97	U	2.97	mg/Kg	☼	06/07/24 11:40	06/10/24 15:10	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0355		0.0303	mg/Kg	☼	06/07/24 10:51	06/07/24 16:17	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	79.3		0.01	%			06/01/24 14:41	1
Percent Moisture (EPA Moisture)	20.7		0.01	%			06/01/24 14:41	1

Definitions/Glossary

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Surrogate Summary

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (67-130)	DBFM (77-127)	TOL (76-127)
400-256770-9	B-9 (A-D)	93	102	97
400-256770-10	B-10 (A-D)	94	105	96
400-256770-11	B-14 (A-D)	92	100	99
400-256770-12	B-18 (A-E)	94	99	98
400-256770-13	B-21 (A-E)	96	102	98
400-256770-14	B-22 (A-D)	93	102	97
400-256770-15	B-23 (A-C)	91	100	97
LCS 400-673744/1-A	Lab Control Sample	97	101	100
LCS 400-673744/2-A	Lab Control Sample Dup	96	106	99
MB 400-673744/3-A	Method Blank	92	99	100

Surrogate Legend

BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		FBP (27-127)	2FP (25-128)	NBZ (15-136)	PHL (29-130)	TPHL (24-146)	TBP (10-150)
400-256770-9	B-9 (A-D)	72	70	69	78	99	84
400-256770-10	B-10 (A-D)	73	68	70	76	100	76
400-256770-11	B-14 (A-D)	49	44	45	49	65	57
400-256770-12	B-18 (A-E)	53	43	49	49	65	63
400-256770-13	B-21 (A-E)	72	69	68	76	97	83
400-256770-14	B-22 (A-D)	71	71	71	79	95	86
400-256770-15	B-23 (A-C)	72	82	69	94	102	86
LCS 400-673677/2-A	Lab Control Sample	70	69	78	76	89	83
MB 400-673677/1-A	Method Blank	74	71	71	80	100	78

Surrogate Legend

FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCBP2 (26-129)	TCX2 (31-122)
400-256770-9	B-9 (A-D)	82	56
400-256770-10	B-10 (A-D)	84	56
400-256770-11	B-14 (A-D)	98	63
400-256770-12	B-18 (A-E)	87	65
400-256770-13	B-21 (A-E)	77	52

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Surrogate Summary

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCBP2 (26-129)	TCX2 (31-122)
400-256770-14	B-22 (A-D)	88	58
LCS 400-673755/2-A	Lab Control Sample	94	59
MB 400-673755/1-A	Method Blank	86	58

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCBP1 (26-129)	TCX1 (31-122)
400-256770-15	B-23 (A-C)	44	60

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

QC Association Summary

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

GC/MS VOA

Analysis Batch: 673725

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256770-9	B-9 (A-D)	Total/NA	Solid	8260D	673744
400-256770-10	B-10 (A-D)	Total/NA	Solid	8260D	673744
400-256770-11	B-14 (A-D)	Total/NA	Solid	8260D	673744
400-256770-12	B-18 (A-E)	Total/NA	Solid	8260D	673744
400-256770-13	B-21 (A-E)	Total/NA	Solid	8260D	673744
400-256770-14	B-22 (A-D)	Total/NA	Solid	8260D	673744
400-256770-15	B-23 (A-C)	Total/NA	Solid	8260D	673744
MB 400-673744/3-A	Method Blank	Total/NA	Solid	8260D	673744
LCS 400-673744/1-A	Lab Control Sample	Total/NA	Solid	8260D	673744
LCSD 400-673744/2-A	Lab Control Sample Dup	Total/NA	Solid	8260D	673744

Prep Batch: 673744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256770-9	B-9 (A-D)	Total/NA	Solid	5035	
400-256770-10	B-10 (A-D)	Total/NA	Solid	5035	
400-256770-11	B-14 (A-D)	Total/NA	Solid	5035	
400-256770-12	B-18 (A-E)	Total/NA	Solid	5035	
400-256770-13	B-21 (A-E)	Total/NA	Solid	5035	
400-256770-14	B-22 (A-D)	Total/NA	Solid	5035	
400-256770-15	B-23 (A-C)	Total/NA	Solid	5035	
MB 400-673744/3-A	Method Blank	Total/NA	Solid	5035	
LCS 400-673744/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 400-673744/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 673677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256770-9	B-9 (A-D)	Total/NA	Solid	3546	
400-256770-10	B-10 (A-D)	Total/NA	Solid	3546	
400-256770-11	B-14 (A-D)	Total/NA	Solid	3546	
400-256770-12	B-18 (A-E)	Total/NA	Solid	3546	
400-256770-13	B-21 (A-E)	Total/NA	Solid	3546	
400-256770-14	B-22 (A-D)	Total/NA	Solid	3546	
400-256770-15	B-23 (A-C)	Total/NA	Solid	3546	
MB 400-673677/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-673677/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 673758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256770-11	B-14 (A-D)	Total/NA	Solid	8270E	673677
400-256770-12	B-18 (A-E)	Total/NA	Solid	8270E	673677

Analysis Batch: 673790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256770-9	B-9 (A-D)	Total/NA	Solid	8270E	673677
400-256770-10	B-10 (A-D)	Total/NA	Solid	8270E	673677
400-256770-13	B-21 (A-E)	Total/NA	Solid	8270E	673677
400-256770-14	B-22 (A-D)	Total/NA	Solid	8270E	673677
400-256770-15	B-23 (A-C)	Total/NA	Solid	8270E	673677
MB 400-673677/1-A	Method Blank	Total/NA	Solid	8270E	673677

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QC Association Summary

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

GC/MS Semi VOA (Continued)

Analysis Batch: 673790 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 400-673677/2-A	Lab Control Sample	Total/NA	Solid	8270E	673677

GC Semi VOA

Prep Batch: 673755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256770-9	B-9 (A-D)	Total/NA	Solid	3546	
400-256770-10	B-10 (A-D)	Total/NA	Solid	3546	
400-256770-11	B-14 (A-D)	Total/NA	Solid	3546	
400-256770-12	B-18 (A-E)	Total/NA	Solid	3546	
400-256770-13	B-21 (A-E)	Total/NA	Solid	3546	
400-256770-14	B-22 (A-D)	Total/NA	Solid	3546	
400-256770-15	B-23 (A-C)	Total/NA	Solid	3546	
MB 400-673755/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-673755/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 673866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256770-9	B-9 (A-D)	Total/NA	Solid	8082A	673755
400-256770-10	B-10 (A-D)	Total/NA	Solid	8082A	673755
400-256770-11	B-14 (A-D)	Total/NA	Solid	8082A	673755
400-256770-12	B-18 (A-E)	Total/NA	Solid	8082A	673755
400-256770-13	B-21 (A-E)	Total/NA	Solid	8082A	673755
400-256770-14	B-22 (A-D)	Total/NA	Solid	8082A	673755
MB 400-673755/1-A	Method Blank	Total/NA	Solid	8082A	673755
LCS 400-673755/2-A	Lab Control Sample	Total/NA	Solid	8082A	673755

Analysis Batch: 673954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256770-15	B-23 (A-C)	Total/NA	Solid	8082A	673755

Analysis Batch: 674025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256770-12	B-18 (A-E)	Total/NA	Solid	8082A	673755

Metals

Prep Batch: 841299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256770-9	B-9 (A-D)	Total/NA	Solid	7471B	
400-256770-10	B-10 (A-D)	Total/NA	Solid	7471B	
400-256770-11	B-14 (A-D)	Total/NA	Solid	7471B	
400-256770-12	B-18 (A-E)	Total/NA	Solid	7471B	
400-256770-13	B-21 (A-E)	Total/NA	Solid	7471B	
400-256770-14	B-22 (A-D)	Total/NA	Solid	7471B	
400-256770-15	B-23 (A-C)	Total/NA	Solid	7471B	
MB 680-841299/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 680-841299/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Prep Batch: 841307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256770-9	B-9 (A-D)	Total/NA	Solid	3050B	

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QC Association Summary

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Metals (Continued)

Prep Batch: 841307 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256770-10	B-10 (A-D)	Total/NA	Solid	3050B	
400-256770-11	B-14 (A-D)	Total/NA	Solid	3050B	
400-256770-12	B-18 (A-E)	Total/NA	Solid	3050B	
400-256770-13	B-21 (A-E)	Total/NA	Solid	3050B	
400-256770-14	B-22 (A-D)	Total/NA	Solid	3050B	
400-256770-15	B-23 (A-C)	Total/NA	Solid	3050B	
MB 680-841307/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 680-841307/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 841357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256770-9	B-9 (A-D)	Total/NA	Solid	7471B	841299
400-256770-10	B-10 (A-D)	Total/NA	Solid	7471B	841299
400-256770-11	B-14 (A-D)	Total/NA	Solid	7471B	841299
400-256770-12	B-18 (A-E)	Total/NA	Solid	7471B	841299
400-256770-13	B-21 (A-E)	Total/NA	Solid	7471B	841299
400-256770-14	B-22 (A-D)	Total/NA	Solid	7471B	841299
400-256770-15	B-23 (A-C)	Total/NA	Solid	7471B	841299
MB 680-841299/1-A	Method Blank	Total/NA	Solid	7471B	841299
LCS 680-841299/2-A	Lab Control Sample	Total/NA	Solid	7471B	841299

Analysis Batch: 841739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256770-9	B-9 (A-D)	Total/NA	Solid	6010D	841307
400-256770-10	B-10 (A-D)	Total/NA	Solid	6010D	841307
400-256770-11	B-14 (A-D)	Total/NA	Solid	6010D	841307
400-256770-12	B-18 (A-E)	Total/NA	Solid	6010D	841307
400-256770-13	B-21 (A-E)	Total/NA	Solid	6010D	841307
400-256770-14	B-22 (A-D)	Total/NA	Solid	6010D	841307
400-256770-15	B-23 (A-C)	Total/NA	Solid	6010D	841307
MB 680-841307/1-A	Method Blank	Total/NA	Solid	6010D	841307
LCS 680-841307/2-A	Lab Control Sample	Total/NA	Solid	6010D	841307

General Chemistry

Analysis Batch: 673411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256770-9	B-9 (A-D)	Total/NA	Solid	Moisture	
400-256770-10	B-10 (A-D)	Total/NA	Solid	Moisture	
400-256770-11	B-14 (A-D)	Total/NA	Solid	Moisture	
400-256770-12	B-18 (A-E)	Total/NA	Solid	Moisture	
400-256770-13	B-21 (A-E)	Total/NA	Solid	Moisture	
400-256770-14	B-22 (A-D)	Total/NA	Solid	Moisture	
400-256770-15	B-23 (A-C)	Total/NA	Solid	Moisture	

QC Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 400-673744/3-A
Matrix: Solid
Analysis Batch: 673725

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 673744

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Acetone	<0.0250	U	0.0250	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
Benzene	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
Bromoform	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
Bromomethane	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
2-Butanone (MEK)	<0.0250	U	0.0250	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
Carbon disulfide	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
Carbon tetrachloride	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
Chlorobenzene	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
Chlorobromomethane	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
Chlorodibromomethane	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
Chloroethane	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
Chloroform	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
Chloromethane	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
cis-1,2-Dichloroethene	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
cis-1,3-Dichloropropene	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
Cyclohexane	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
1,2-Dibromo-3-Chloropropane	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
1,2-Dichlorobenzene	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
1,3-Dichlorobenzene	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
1,4-Dichlorobenzene	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
Dichlorobromomethane	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
Dichlorodifluoromethane	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
1,1-Dichloroethane	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
1,2-Dichloroethane	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
1,1-Dichloroethene	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
1,2-Dichloropropane	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
Ethylbenzene	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
Ethylene Dibromide	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
2-Hexanone	<0.0250	U	0.0250	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
Isopropylbenzene	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
Methyl acetate	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
Methylcyclohexane	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
Methylene Chloride	<0.0150	U	0.0150	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
4-Methyl-2-pentanone (MIBK)	<0.0250	U	0.0250	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
Methyl tert-butyl ether	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
Styrene	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
1,1,2,2-Tetrachloroethane	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
Tetrachloroethene	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
Toluene	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
trans-1,2-Dichloroethene	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
trans-1,3-Dichloropropene	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
1,2,3-Trichlorobenzene	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
1,2,4-Trichlorobenzene	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
1,1,1-Trichloroethane	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
1,1,2-Trichloroethane	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
Trichloroethene	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
Trichlorofluoromethane	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1

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QC Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 400-673744/3-A
Matrix: Solid
Analysis Batch: 673725

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 673744

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	<0.00500	U	0.00500	mg/Kg		06/05/24 09:12	06/05/24 10:56	1
Xylenes, Total	<0.0100	U	0.0100	mg/Kg		06/05/24 09:12	06/05/24 10:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		67 - 130	06/05/24 09:12	06/05/24 10:56	1
Dibromofluoromethane	99		77 - 127	06/05/24 09:12	06/05/24 10:56	1
Toluene-d8 (Surr)	100		76 - 127	06/05/24 09:12	06/05/24 10:56	1

Lab Sample ID: LCS 400-673744/1-A
Matrix: Solid
Analysis Batch: 673725

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 673744

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Acetone	0.200	0.1604		mg/Kg		80	48 - 160
Benzene	0.0500	0.05479		mg/Kg		110	65 - 130
Bromoform	0.0500	0.05617		mg/Kg		112	52 - 136
Bromomethane	0.0500	0.05715		mg/Kg		114	12 - 160
2-Butanone (MEK)	0.200	0.1751		mg/Kg		88	55 - 130
Carbon disulfide	0.0500	0.04498		mg/Kg		90	46 - 141
Carbon tetrachloride	0.0500	0.05742		mg/Kg		115	60 - 130
Chlorobenzene	0.0500	0.05891		mg/Kg		118	70 - 130
Chlorobromomethane	0.0500	0.05715		mg/Kg		114	65 - 130
Chlorodibromomethane	0.0500	0.05966		mg/Kg		119	58 - 132
Chloroethane	0.0500	0.06033		mg/Kg		121	55 - 134
Chloroform	0.0500	0.05857		mg/Kg		117	62 - 130
Chloromethane	0.0500	0.05667		mg/Kg		113	49 - 136
cis-1,2-Dichloroethene	0.0500	0.05755		mg/Kg		115	53 - 135
cis-1,3-Dichloropropene	0.0500	0.05878		mg/Kg		118	61 - 130
Cyclohexane	0.0500	0.05259		mg/Kg		105	61 - 130
1,2-Dibromo-3-Chloropropane	0.0500	0.04418		mg/Kg		88	49 - 130
1,2-Dichlorobenzene	0.0500	0.06137		mg/Kg		123	64 - 130
1,3-Dichlorobenzene	0.0500	0.06352		mg/Kg		127	66 - 130
1,4-Dichlorobenzene	0.0500	0.06038		mg/Kg		121	65 - 130
Dichlorobromomethane	0.0500	0.06186		mg/Kg		124	61 - 130
Dichlorodifluoromethane	0.0500	0.05241		mg/Kg		105	34 - 143
1,1-Dichloroethane	0.0500	0.05636		mg/Kg		113	59 - 130
1,2-Dichloroethane	0.0500	0.05757		mg/Kg		115	62 - 130
1,1-Dichloroethene	0.0500	0.05353		mg/Kg		107	55 - 137
1,2-Dichloropropane	0.0500	0.05973		mg/Kg		119	64 - 130
Ethylbenzene	0.0500	0.05944		mg/Kg		119	70 - 130
Ethylene Dibromide	0.0500	0.05838		mg/Kg		117	67 - 130
2-Hexanone	0.200	0.1998		mg/Kg		100	57 - 131
Isopropylbenzene	0.0500	0.06206		mg/Kg		124	70 - 130
Methyl acetate	0.100	0.09370		mg/Kg		94	49 - 139
Methylcyclohexane	0.0500	0.05429		mg/Kg		109	64 - 130
Methylene Chloride	0.0500	0.05193		mg/Kg		104	57 - 132
4-Methyl-2-pentanone (MIBK)	0.200	0.2061		mg/Kg		103	58 - 130
Methyl tert-butyl ether	0.0500	0.05583		mg/Kg		112	63 - 130

QC Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 400-673744/1-A
Matrix: Solid
Analysis Batch: 673725

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 673744

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
m-Xylene & p-Xylene	0.0500	0.05870		mg/Kg		117	70 - 130
o-Xylene	0.0500	0.05959		mg/Kg		119	70 - 130
Styrene	0.0500	0.06225		mg/Kg		124	68 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.05958		mg/Kg		119	60 - 131
Tetrachloroethene	0.0500	0.04639		mg/Kg		93	67 - 130
Toluene	0.0500	0.05621		mg/Kg		112	70 - 130
trans-1,2-Dichloroethene	0.0500	0.05563		mg/Kg		111	58 - 134
trans-1,3-Dichloropropene	0.0500	0.05754		mg/Kg		115	60 - 130
1,2,3-Trichlorobenzene	0.0500	0.05471		mg/Kg		109	58 - 135
1,2,4-Trichlorobenzene	0.0500	0.05599		mg/Kg		112	56 - 138
1,1,1-Trichloroethane	0.0500	0.05830		mg/Kg		117	63 - 130
1,1,2-Trichloroethane	0.0500	0.05779		mg/Kg		116	65 - 130
Trichloroethene	0.0500	0.05755		mg/Kg		115	65 - 130
Trichlorofluoromethane	0.0500	0.05873		mg/Kg		117	61 - 136
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05484		mg/Kg		110	47 - 143
Vinyl chloride	0.0500	0.05850		mg/Kg		117	52 - 132
Xylenes, Total	0.100	0.1183		mg/Kg		118	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	97		67 - 130
Dibromofluoromethane	101		77 - 127
Toluene-d8 (Surr)	100		76 - 127

Lab Sample ID: LCSD 400-673744/2-A
Matrix: Solid
Analysis Batch: 673725

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 673744

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	0.200	0.1339		mg/Kg		67	48 - 160	18	30
Benzene	0.0500	0.05004		mg/Kg		100	65 - 130	9	30
Bromoform	0.0500	0.05044		mg/Kg		101	52 - 136	11	30
Bromomethane	0.0500	0.05263		mg/Kg		105	12 - 160	8	30
2-Butanone (MEK)	0.200	0.1646		mg/Kg		82	55 - 130	6	30
Carbon disulfide	0.0500	0.04167		mg/Kg		83	46 - 141	8	30
Carbon tetrachloride	0.0500	0.05383		mg/Kg		108	60 - 130	6	30
Chlorobenzene	0.0500	0.05544		mg/Kg		111	70 - 130	6	30
Chlorobromomethane	0.0500	0.05636		mg/Kg		113	65 - 130	1	30
Chlorodibromomethane	0.0500	0.05591		mg/Kg		112	58 - 132	6	30
Chloroethane	0.0500	0.05486		mg/Kg		110	55 - 134	9	30
Chloroform	0.0500	0.05514		mg/Kg		110	62 - 130	6	30
Chloromethane	0.0500	0.05133		mg/Kg		103	49 - 136	10	30
cis-1,2-Dichloroethene	0.0500	0.05434		mg/Kg		109	53 - 135	6	30
cis-1,3-Dichloropropene	0.0500	0.05516		mg/Kg		110	61 - 130	6	30
Cyclohexane	0.0500	0.04961		mg/Kg		99	61 - 130	6	30
1,2-Dibromo-3-Chloropropane	0.0500	0.04322		mg/Kg		86	49 - 130	2	30
1,2-Dichlorobenzene	0.0500	0.05676		mg/Kg		114	64 - 130	8	30
1,3-Dichlorobenzene	0.0500	0.05881		mg/Kg		118	66 - 130	8	30
1,4-Dichlorobenzene	0.0500	0.05565		mg/Kg		111	65 - 130	8	30

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QC Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 400-673744/2-A
Matrix: Solid
Analysis Batch: 673725

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 673744

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	RPD Limit
							Limits	RPD		
Dichlorobromomethane	0.0500	0.05797		mg/Kg		116	61 - 130	6	30	
Dichlorodifluoromethane	0.0500	0.04604		mg/Kg		92	34 - 143	13	30	
1,1-Dichloroethane	0.0500	0.05334		mg/Kg		107	59 - 130	6	30	
1,2-Dichloroethane	0.0500	0.05431		mg/Kg		109	62 - 130	6	30	
1,1-Dichloroethene	0.0500	0.05109		mg/Kg		102	55 - 137	5	30	
1,2-Dichloropropane	0.0500	0.05608		mg/Kg		112	64 - 130	6	30	
Ethylbenzene	0.0500	0.05597		mg/Kg		112	70 - 130	6	30	
Ethylene Dibromide	0.0500	0.05492		mg/Kg		110	67 - 130	6	30	
2-Hexanone	0.200	0.1902		mg/Kg		95	57 - 131	5	30	
Isopropylbenzene	0.0500	0.05905		mg/Kg		118	70 - 130	5	30	
Methyl acetate	0.100	0.09130		mg/Kg		91	49 - 139	3	30	
Methylcyclohexane	0.0500	0.04963		mg/Kg		99	64 - 130	9	30	
Methylene Chloride	0.0500	0.04862		mg/Kg		97	57 - 132	7	30	
4-Methyl-2-pentanone (MIBK)	0.200	0.2020		mg/Kg		101	58 - 130	2	30	
Methyl tert-butyl ether	0.0500	0.05283		mg/Kg		106	63 - 130	6	30	
m-Xylene & p-Xylene	0.0500	0.05671		mg/Kg		113	70 - 130	3	30	
o-Xylene	0.0500	0.05792		mg/Kg		116	70 - 130	3	30	
Styrene	0.0500	0.06019		mg/Kg		120	68 - 130	3	30	
1,1,2,2-Tetrachloroethane	0.0500	0.05332		mg/Kg		107	60 - 131	11	30	
Tetrachloroethene	0.0500	0.04202		mg/Kg		84	67 - 130	10	30	
Toluene	0.0500	0.05075		mg/Kg		102	70 - 130	10	30	
trans-1,2-Dichloroethene	0.0500	0.05226		mg/Kg		105	58 - 134	6	30	
trans-1,3-Dichloropropene	0.0500	0.05383		mg/Kg		108	60 - 130	7	30	
1,2,3-Trichlorobenzene	0.0500	0.05286		mg/Kg		106	58 - 135	3	30	
1,2,4-Trichlorobenzene	0.0500	0.05418		mg/Kg		108	56 - 138	3	30	
1,1,1-Trichloroethane	0.0500	0.05489		mg/Kg		110	63 - 130	6	30	
1,1,2-Trichloroethane	0.0500	0.05338		mg/Kg		107	65 - 130	8	30	
Trichloroethene	0.0500	0.05386		mg/Kg		108	65 - 130	7	30	
Trichlorofluoromethane	0.0500	0.05360		mg/Kg		107	61 - 136	9	30	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05255		mg/Kg		105	47 - 143	4	30	
Vinyl chloride	0.0500	0.05203		mg/Kg		104	52 - 132	12	30	
Xylenes, Total	0.100	0.1146		mg/Kg		115	70 - 130	3	30	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	96		67 - 130
Dibromofluoromethane	106		77 - 127
Toluene-d8 (Surr)	99		76 - 127

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 400-673677/1-A
Matrix: Solid
Analysis Batch: 673790

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 673677

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Acenaphthene	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Acenaphthylene	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Acetophenone	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1

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QC Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 400-673677/1-A
Matrix: Solid
Analysis Batch: 673790

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 673677

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Anthracene	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Atrazine	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Benzaldehyde	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Benzo[a]anthracene	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Benzo[a]pyrene	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Benzo[b]fluoranthene	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Benzo[g,h,i]perylene	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Benzo[k]fluoranthene	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
1,1'-Biphenyl	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Bis(2-chloroethoxy)methane	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Bis(2-chloroethyl)ether	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Bis(2-ethylhexyl) phthalate	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
4-Bromophenyl phenyl ether	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Butyl benzyl phthalate	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Caprolactam	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Carbazole	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
4-Chloroaniline	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
4-Chloro-3-methylphenol	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
2-Chloronaphthalene	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
2-Chlorophenol	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
4-Chlorophenyl phenyl ether	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Chrysene	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Dibenz(a,h)anthracene	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Dibenzofuran	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
3,3'-Dichlorobenzidine	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
2,4-Dichlorophenol	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Diethyl phthalate	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
2,4-Dimethylphenol	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Dimethyl phthalate	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Di-n-butyl phthalate	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
4,6-Dinitro-2-methylphenol	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
2,4-Dinitrophenol	<0.990	U	0.990	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
2,4-Dinitrotoluene	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
2,6-Dinitrotoluene	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Di-n-octyl phthalate	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Fluoranthene	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Fluorene	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Hexachlorobenzene	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Hexachlorobutadiene	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Hexachlorocyclopentadiene	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Hexachloroethane	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Indeno[1,2,3-cd]pyrene	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Isophorone	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
2-Methylnaphthalene	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
2-Methylphenol	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
3 & 4 Methylphenol	<0.660	U	0.660	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Naphthalene	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
2-Nitroaniline	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
3-Nitroaniline	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1

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QC Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 400-673677/1-A
Matrix: Solid
Analysis Batch: 673790

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 673677

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
4-Nitroaniline	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Nitrobenzene	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
2-Nitrophenol	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
4-Nitrophenol	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
N-Nitrosodi-n-propylamine	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
n-Nitrosodiphenylamine(as diphenylamine)	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
2,2'-oxybis(1-chloropropane)	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Pentachlorophenol	<0.660	U	0.660	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Phenanthrene	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Phenol	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
Pyrene	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
2,4,5-Trichlorophenol	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1
2,4,6-Trichlorophenol	<0.330	U	0.330	mg/Kg		06/04/24 16:06	06/05/24 16:00	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2-Fluorobiphenyl	74		27 - 127	06/04/24 16:06	06/05/24 16:00	1
2-Fluorophenol (Surr)	71		25 - 128	06/04/24 16:06	06/05/24 16:00	1
Nitrobenzene-d5 (Surr)	71		15 - 136	06/04/24 16:06	06/05/24 16:00	1
Phenol-d5 (Surr)	80		29 - 130	06/04/24 16:06	06/05/24 16:00	1
Terphenyl-d14 (Surr)	100		24 - 146	06/04/24 16:06	06/05/24 16:00	1
2,4,6-Tribromophenol (Surr)	78		10 - 150	06/04/24 16:06	06/05/24 16:00	1

Lab Sample ID: LCS 400-673677/2-A
Matrix: Solid
Analysis Batch: 673790

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 673677

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec
							Limits
Acenaphthene	2.00	1.416		mg/Kg		71	46 - 112
Acenaphthylene	2.00	1.424		mg/Kg		71	41 - 116
Anthracene	2.00	1.621		mg/Kg		81	43 - 120
Benzo[a]anthracene	2.00	1.755		mg/Kg		88	45 - 122
Benzo[a]pyrene	2.00	1.711		mg/Kg		86	40 - 121
Benzo[b]fluoranthene	2.00	1.642		mg/Kg		82	37 - 116
Benzo[g,h,i]perylene	2.00	1.953		mg/Kg		98	34 - 120
Benzo[k]fluoranthene	2.00	1.775		mg/Kg		89	35 - 133
Bis(2-chloroethoxy)methane	2.00	1.319		mg/Kg		66	33 - 100
Bis(2-chloroethyl)ether	2.00	1.313		mg/Kg		66	28 - 120
Bis(2-ethylhexyl) phthalate	2.00	1.652		mg/Kg		83	40 - 150
4-Bromophenyl phenyl ether	2.00	1.695		mg/Kg		85	51 - 120
Butyl benzyl phthalate	2.00	1.595		mg/Kg		80	50 - 126
Carbazole	2.00	1.832		mg/Kg		92	36 - 132
4-Chloroaniline	2.00	1.148		mg/Kg		57	26 - 102
4-Chloro-3-methylphenol	2.00	1.567		mg/Kg		78	57 - 124
2-Chloronaphthalene	2.00	1.367		mg/Kg		68	48 - 102
2-Chlorophenol	2.00	1.523		mg/Kg		76	50 - 102
4-Chlorophenyl phenyl ether	2.00	1.588		mg/Kg		79	53 - 113
Chrysene	2.00	1.803		mg/Kg		90	42 - 132
Dibenz(a,h)anthracene	2.00	2.012		mg/Kg		101	36 - 127

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QC Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 400-673677/2-A
Matrix: Solid
Analysis Batch: 673790

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 673677

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dibenzofuran	2.00	1.448		mg/Kg		72	54 - 105
2,4-Dichlorophenol	2.00	1.488		mg/Kg		74	53 - 120
Diethyl phthalate	2.00	1.571		mg/Kg		79	40 - 128
2,4-Dimethylphenol	2.00	1.277		mg/Kg		64	45 - 108
Dimethyl phthalate	2.00	1.464		mg/Kg		73	58 - 120
Di-n-butyl phthalate	2.00	1.610		mg/Kg		80	40 - 122
4,6-Dinitro-2-methylphenol	4.00	4.055		mg/Kg		101	35 - 135
2,4-Dinitrophenol	4.00	4.046		mg/Kg		101	10 - 138
2,4-Dinitrotoluene	2.00	1.576		mg/Kg		79	53 - 133
2,6-Dinitrotoluene	2.00	1.500		mg/Kg		75	51 - 114
Di-n-octyl phthalate	2.00	1.742		mg/Kg		87	40 - 137
Fluoranthene	2.00	1.683		mg/Kg		84	42 - 124
Fluorene	2.00	1.562		mg/Kg		78	45 - 116
Hexachlorobenzene	2.00	1.788		mg/Kg		89	49 - 127
Hexachlorobutadiene	2.00	1.466		mg/Kg		73	43 - 120
Hexachlorocyclopentadiene	2.00	0.5550		mg/Kg		28	10 - 140
Hexachloroethane	2.00	1.364		mg/Kg		68	45 - 120
Indeno[1,2,3-cd]pyrene	2.00	1.939		mg/Kg		97	40 - 117
Isophorone	2.00	1.361		mg/Kg		68	36 - 120
2-Methylnaphthalene	2.00	1.466		mg/Kg		73	39 - 112
2-Methylphenol	2.00	1.483		mg/Kg		74	49 - 111
3 & 4 Methylphenol	2.00	1.554		mg/Kg		78	47 - 123
Naphthalene	2.00	1.404		mg/Kg		70	40 - 106
2-Nitroaniline	2.00	1.404		mg/Kg		70	46 - 108
3-Nitroaniline	2.00	1.324		mg/Kg		66	28 - 119
4-Nitroaniline	2.00	1.356		mg/Kg		68	32 - 131
Nitrobenzene	2.00	1.358		mg/Kg		68	40 - 120
2-Nitrophenol	2.00	1.449		mg/Kg		72	53 - 120
4-Nitrophenol	4.00	3.096		mg/Kg		77	35 - 139
N-Nitrosodi-n-propylamine	2.00	1.391		mg/Kg		70	39 - 120
n-Nitrosodiphenylamine(as diphenylamine)	1.98	1.501		mg/Kg		76	54 - 120
2,2'-oxybis(1-chloropropane)	2.00	1.249		mg/Kg		62	18 - 105
Pentachlorophenol	4.00	3.733		mg/Kg		93	32 - 131
Phenanthrene	2.00	1.620		mg/Kg		81	47 - 111
Phenol	2.00	1.621		mg/Kg		81	40 - 120
Pyrene	2.00	1.605		mg/Kg		80	41 - 124
2,4,5-Trichlorophenol	2.00	1.521		mg/Kg		76	50 - 118
2,4,6-Trichlorophenol	2.00	1.540		mg/Kg		77	49 - 115

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	70		27 - 127
2-Fluorophenol (Surr)	69		25 - 128
Nitrobenzene-d5 (Surr)	78		15 - 136
Phenol-d5 (Surr)	76		29 - 130
Terphenyl-d14 (Surr)	89		24 - 146
2,4,6-Tribromophenol (Surr)	83		10 - 150

QC Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 400-673755/1-A
Matrix: Solid
Analysis Batch: 673866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 673755

Analyte	MB MB		RL	Unit	D	Prepared		Analyzed		Dil Fac
	Result	Qualifier								
PCB-1016	<0.0170	U	0.0170	mg/Kg		06/05/24 11:38	06/06/24 13:47			1
PCB-1221	<0.0170	U	0.0170	mg/Kg		06/05/24 11:38	06/06/24 13:47			1
PCB-1232	<0.0170	U	0.0170	mg/Kg		06/05/24 11:38	06/06/24 13:47			1
PCB-1242	<0.0170	U	0.0170	mg/Kg		06/05/24 11:38	06/06/24 13:47			1
PCB-1248	<0.0170	U	0.0170	mg/Kg		06/05/24 11:38	06/06/24 13:47			1
PCB-1254	<0.0170	U	0.0170	mg/Kg		06/05/24 11:38	06/06/24 13:47			1
PCB-1260	<0.0170	U	0.0170	mg/Kg		06/05/24 11:38	06/06/24 13:47			1
Surrogate	MB MB		Limits	Prepared		Analyzed		Dil Fac		
	%Recovery	Qualifier								
DCB Decachlorobiphenyl	86		26 - 129		06/05/24 11:38		06/06/24 13:47	1		
Tetrachloro-m-xylene	58		31 - 122		06/05/24 11:38		06/06/24 13:47	1		

Lab Sample ID: LCS 400-673755/2-A
Matrix: Solid
Analysis Batch: 673866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 673755

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits	
		Result	Qualifier					
PCB-1016	0.337	0.2078		mg/Kg		62	17 - 156	
PCB-1260	0.335	0.2441		mg/Kg		73	27 - 133	
Surrogate	LCS LCS		Limits					
	%Recovery	Qualifier						
DCB Decachlorobiphenyl	94		26 - 129					
Tetrachloro-m-xylene	59		31 - 122					

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 680-841307/1-A
Matrix: Solid
Analysis Batch: 841739

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 841307

Analyte	MB MB		RL	Unit	D	Prepared		Analyzed		Dil Fac
	Result	Qualifier								
Arsenic	<1.96	U	1.96	mg/Kg		06/07/24 11:40	06/10/24 14:16			1
Barium	<0.980	U	0.980	mg/Kg		06/07/24 11:40	06/10/24 14:16			1
Cadmium	<0.490	U	0.490	mg/Kg		06/07/24 11:40	06/10/24 14:16			1
Chromium	<0.980	U	0.980	mg/Kg		06/07/24 11:40	06/10/24 14:16			1
Silver	<0.980	U	0.980	mg/Kg		06/07/24 11:40	06/10/24 14:16			1
Lead	<0.980	U	0.980	mg/Kg		06/07/24 11:40	06/10/24 14:16			1
Selenium	<2.45	U	2.45	mg/Kg		06/07/24 11:40	06/10/24 14:16			1

Lab Sample ID: LCS 680-841307/2-A
Matrix: Solid
Analysis Batch: 841739

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 841307

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits	
		Result	Qualifier					
Arsenic	9.80	10.62		mg/Kg		108	80 - 120	
Barium	9.80	11.58		mg/Kg		118	80 - 120	
Cadmium	4.90	5.692		mg/Kg		116	80 - 120	
Chromium	9.84	11.60		mg/Kg		118	80 - 120	

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QC Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 680-841307/2-A
 Matrix: Solid
 Analysis Batch: 841739

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 841307

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	4.90	5.326		mg/Kg		109	80 - 120
Lead	49.0	57.75		mg/Kg		118	80 - 120
Selenium	9.80	9.245		mg/Kg		94	80 - 120

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 680-841299/1-A
 Matrix: Solid
 Analysis Batch: 841357

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 841299

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0223	U	0.0223	mg/Kg		06/07/24 10:51	06/07/24 15:26	1

Lab Sample ID: LCS 680-841299/2-A
 Matrix: Solid
 Analysis Batch: 841357

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 841299

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.250	0.2468		mg/Kg		99	80 - 120

Lab Chronicle

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: B-9 (A-D)

Lab Sample ID: 400-256770-9

Date Collected: 05/22/24 12:52

Matrix: Solid

Date Received: 05/30/24 15:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			673411	06/01/24 14:41	TE	EET PEN

Client Sample ID: B-9 (A-D)

Lab Sample ID: 400-256770-9

Date Collected: 05/22/24 12:52

Matrix: Solid

Date Received: 05/30/24 15:07

Percent Solids: 78.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.082 g	5.00 mL	673744	06/05/24 09:12	BPO	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	673725	06/05/24 16:59	BPO	EET PEN
Total/NA	Prep	3546			15.24 g	1 mL	673677	06/04/24 16:06	AP	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	673790	06/05/24 17:30	S1B	EET PEN
Total/NA	Prep	3546			15.64 g	5 mL	673755	06/05/24 11:39	AP	EET PEN
Total/NA	Analysis	8082A		1	1 mL	1 mL	673866	06/06/24 16:22	PG	EET PEN
Total/NA	Prep	3050B			0.54 g	50 mL	841307	06/07/24 11:40	ALG	EET SAV
Total/NA	Analysis	6010D		1			841739	06/10/24 14:56	BJB	EET SAV
Total/NA	Prep	7471B			0.50 g	50 mL	841299	06/07/24 10:51	ALG	EET SAV
Total/NA	Analysis	7471B		1			841357	06/07/24 15:56	BJB	EET SAV

Client Sample ID: B-10 (A-D)

Lab Sample ID: 400-256770-10

Date Collected: 05/22/24 13:36

Matrix: Solid

Date Received: 05/30/24 15:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			673411	06/01/24 14:41	TE	EET PEN

Client Sample ID: B-10 (A-D)

Lab Sample ID: 400-256770-10

Date Collected: 05/22/24 13:36

Matrix: Solid

Date Received: 05/30/24 15:07

Percent Solids: 78.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.649 g	5.00 mL	673744	06/05/24 09:12	BPO	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	673725	06/05/24 16:03	BPO	EET PEN
Total/NA	Prep	3546			15.84 g	1 mL	673677	06/04/24 16:06	AP	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	673790	06/05/24 17:52	S1B	EET PEN
Total/NA	Prep	3546			15.60 g	5 mL	673755	06/05/24 11:39	AP	EET PEN
Total/NA	Analysis	8082A		1	1 mL	1 mL	673866	06/06/24 16:35	PG	EET PEN
Total/NA	Prep	3050B			0.50 g	50 mL	841307	06/07/24 11:40	ALG	EET SAV
Total/NA	Analysis	6010D		1			841739	06/10/24 14:58	BJB	EET SAV
Total/NA	Prep	7471B			0.52 g	50 mL	841299	06/07/24 10:51	ALG	EET SAV
Total/NA	Analysis	7471B		1			841357	06/07/24 15:58	BJB	EET SAV

Lab Chronicle

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: B-14 (A-D)
Date Collected: 05/22/24 13:55
Date Received: 05/30/24 15:07

Lab Sample ID: 400-256770-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			673411	06/01/24 14:41	TE	EET PEN

Client Sample ID: B-14 (A-D)
Date Collected: 05/22/24 13:55
Date Received: 05/30/24 15:07

Lab Sample ID: 400-256770-11
Matrix: Solid
Percent Solids: 77.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.367 g	5.00 mL	673744	06/05/24 09:12	BPO	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	673725	06/05/24 16:22	BPO	EET PEN
Total/NA	Prep	3546			15.65 g	1 mL	673677	06/04/24 16:06	AP	EET PEN
Total/NA	Analysis	8270E		2	0.4 mL	0.4 mL	673758	06/05/24 18:05	S1B	EET PEN
Total/NA	Prep	3546			15.02 g	5 mL	673755	06/05/24 11:39	AP	EET PEN
Total/NA	Analysis	8082A		5	1 mL	1 mL	673866	06/06/24 16:48	PG	EET PEN
Total/NA	Prep	3050B			0.56 g	50 mL	841307	06/07/24 11:40	ALG	EET SAV
Total/NA	Analysis	6010D		1			841739	06/10/24 15:01	BJB	EET SAV
Total/NA	Prep	7471B			0.50 g	50 mL	841299	06/07/24 10:51	ALG	EET SAV
Total/NA	Analysis	7471B		1			841357	06/07/24 16:09	BJB	EET SAV

Client Sample ID: B-18 (A-E)
Date Collected: 05/22/24 14:38
Date Received: 05/30/24 15:07

Lab Sample ID: 400-256770-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			673411	06/01/24 14:41	TE	EET PEN

Client Sample ID: B-18 (A-E)
Date Collected: 05/22/24 14:38
Date Received: 05/30/24 15:07

Lab Sample ID: 400-256770-12
Matrix: Solid
Percent Solids: 78.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.773 g	5.00 mL	673744	06/05/24 09:12	BPO	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	673725	06/05/24 17:18	BPO	EET PEN
Total/NA	Prep	3546			15.16 g	1 mL	673677	06/04/24 16:06	AP	EET PEN
Total/NA	Analysis	8270E		5	0.4 mL	0.4 mL	673758	06/05/24 18:29	S1B	EET PEN
Total/NA	Prep	3546			15.24 g	5 mL	673755	06/05/24 11:39	AP	EET PEN
Total/NA	Analysis	8082A		5	1 mL	1 mL	674025	06/07/24 11:52	PG	EET PEN
Total/NA	Prep	3546			15.24 g	5 mL	673755	06/05/24 11:39	AP	EET PEN
Total/NA	Analysis	8082A		5	1 mL	1 mL	673866	06/06/24 17:01	PG	EET PEN
Total/NA	Prep	3050B			0.51 g	50 mL	841307	06/07/24 11:40	ALG	EET SAV
Total/NA	Analysis	6010D		1			841739	06/10/24 15:03	BJB	EET SAV
Total/NA	Prep	7471B			0.52 g	50 mL	841299	06/07/24 10:51	ALG	EET SAV
Total/NA	Analysis	7471B		1			841357	06/07/24 16:11	BJB	EET SAV

Lab Chronicle

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: B-21 (A-E)
Date Collected: 05/22/24 17:46
Date Received: 05/30/24 15:07

Lab Sample ID: 400-256770-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			673411	06/01/24 14:41	TE	EET PEN

Client Sample ID: B-21 (A-E)
Date Collected: 05/22/24 17:46
Date Received: 05/30/24 15:07

Lab Sample ID: 400-256770-13
Matrix: Solid
Percent Solids: 78.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.011 g	5.00 mL	673744	06/05/24 09:12	BPO	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	673725	06/05/24 17:37	BPO	EET PEN
Total/NA	Prep	3546			15.21 g	1 mL	673677	06/04/24 16:06	AP	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	673790	06/05/24 18:15	S1B	EET PEN
Total/NA	Prep	3546			15.12 g	5 mL	673755	06/05/24 11:39	AP	EET PEN
Total/NA	Analysis	8082A		1	1 mL	1 mL	673866	06/06/24 17:14	PG	EET PEN
Total/NA	Prep	3050B			0.52 g	50 mL	841307	06/07/24 11:40	ALG	EET SAV
Total/NA	Analysis	6010D		1			841739	06/10/24 15:05	BJB	EET SAV
Total/NA	Prep	7471B			0.55 g	50 mL	841299	06/07/24 10:51	ALG	EET SAV
Total/NA	Analysis	7471B		1			841357	06/07/24 16:13	BJB	EET SAV

Client Sample ID: B-22 (A-D)
Date Collected: 05/22/24 16:27
Date Received: 05/30/24 15:07

Lab Sample ID: 400-256770-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			673411	06/01/24 14:41	TE	EET PEN

Client Sample ID: B-22 (A-D)
Date Collected: 05/22/24 16:27
Date Received: 05/30/24 15:07

Lab Sample ID: 400-256770-14
Matrix: Solid
Percent Solids: 76.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.983 g	5.00 mL	673744	06/05/24 09:12	BPO	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	673725	06/05/24 18:34	BPO	EET PEN
Total/NA	Prep	3546			15.90 g	1 mL	673677	06/04/24 16:06	AP	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	673790	06/05/24 18:38	S1B	EET PEN
Total/NA	Prep	3546			15.85 g	5 mL	673755	06/05/24 11:39	AP	EET PEN
Total/NA	Analysis	8082A		1	1 mL	1 mL	673866	06/06/24 17:27	PG	EET PEN
Total/NA	Prep	3050B			0.54 g	50 mL	841307	06/07/24 11:40	ALG	EET SAV
Total/NA	Analysis	6010D		1			841739	06/10/24 15:08	BJB	EET SAV
Total/NA	Prep	7471B			0.51 g	50 mL	841299	06/07/24 10:51	ALG	EET SAV
Total/NA	Analysis	7471B		1			841357	06/07/24 16:15	BJB	EET SAV

Lab Chronicle

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: B-23 (A-C)

Lab Sample ID: 400-256770-15

Date Collected: 05/22/24 15:48

Matrix: Solid

Date Received: 05/30/24 15:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			673411	06/01/24 14:41	TE	EET PEN

Client Sample ID: B-23 (A-C)

Lab Sample ID: 400-256770-15

Date Collected: 05/22/24 15:48

Matrix: Solid

Date Received: 05/30/24 15:07

Percent Solids: 79.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.208 g	5.00 mL	673744	06/05/24 09:12	BPO	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	673725	06/05/24 18:15	BPO	EET PEN
Total/NA	Prep	3546			15.30 g	1 mL	673677	06/04/24 16:06	AP	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	673790	06/05/24 19:00	S1B	EET PEN
Total/NA	Prep	3546			15.09 g	5 mL	673755	06/05/24 11:39	AP	EET PEN
Total/NA	Analysis	8082A		1	1 mL	1 mL	673954	06/06/24 17:36	PG	EET PEN
Total/NA	Prep	3050B			0.53 g	50 mL	841307	06/07/24 11:40	ALG	EET SAV
Total/NA	Analysis	6010D		1			841739	06/10/24 15:10	BJB	EET SAV
Total/NA	Prep	7471B			0.52 g	50 mL	841299	06/07/24 10:51	ALG	EET SAV
Total/NA	Analysis	7471B		1			841357	06/07/24 16:17	BJB	EET SAV

Client Sample ID: Method Blank

Lab Sample ID: MB 400-673677/1-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.00 g	1 mL	673677	06/04/24 16:06	AP	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	673790	06/05/24 16:00	S1B	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-673744/3-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5.00 g	673744	06/05/24 09:12	BPO	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	673725	06/05/24 10:56	BPO	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-673755/1-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.00 g	5 mL	673755	06/05/24 11:38	AP	EET PEN
Total/NA	Analysis	8082A		1	1 mL	1 mL	673866	06/06/24 13:47	PG	EET PEN

Lab Chronicle

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: Method Blank

Lab Sample ID: MB 680-841299/1-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.56 g	50 mL	841299	06/07/24 10:51	ALG	EET SAV
Total/NA	Analysis	7471B		1			841357	06/07/24 15:26	BJB	EET SAV

Client Sample ID: Method Blank

Lab Sample ID: MB 680-841307/1-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.51 g	50 mL	841307	06/07/24 11:40	ALG	EET SAV
Total/NA	Analysis	6010D		1			841739	06/10/24 14:16	BJB	EET SAV

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-673677/2-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.00 g	1 mL	673677	06/04/24 16:06	AP	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	673790	06/05/24 16:22	S1B	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-673744/1-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5.00 g	673744	06/05/24 09:12	BPO	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	673725	06/05/24 09:12	BPO	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-673755/2-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.00 g	5 mL	673755	06/05/24 11:38	AP	EET PEN
Total/NA	Analysis	8082A		1	1 mL	1 mL	673866	06/06/24 14:00	PG	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 680-841299/2-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.50 g	50 mL	841299	06/07/24 10:51	ALG	EET SAV
Total/NA	Analysis	7471B		1			841357	06/07/24 15:28	BJB	EET SAV

Lab Chronicle

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 680-841307/2-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.51 g	50 mL	841307	06/07/24 11:40	ALG	EET SAV
Total/NA	Analysis	6010D		1			841739	06/10/24 14:24	BJB	EET SAV

Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 400-673744/2-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5.00 g	673744	06/05/24 09:12	BPO	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	673725	06/05/24 10:12	BPO	EET PEN

Laboratory References:

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Method Summary

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET PEN
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET PEN
6010D	Metals (ICP)	SW846	EET SAV
7471B	Mercury (CVAA)	SW846	EET SAV
Moisture	Percent Moisture	EPA	EET PEN
3050B	Preparation, Metals	SW846	EET SAV
3546	Microwave Extraction	SW846	EET PEN
5035	Closed System Purge and Trap	SW846	EET PEN
7471B	Preparation, Mercury	SW846	EET SAV

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Laboratory: Eurofins Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-24
ANAB	ISO/IEC 17025	L2471	02-22-26
Arkansas DEQ	State	88-00689	08-01-24
California	State	2510	06-30-24
Florida	NELAP	E81010	06-30-24
Georgia	State	E81010(FL)	06-30-24
Illinois	NELAP	200041	10-09-24
Kansas	NELAP	E-10253	10-31-24
Kentucky (UST)	State	53	06-30-24
Louisiana (All)	NELAP	30976	06-30-24
Louisiana (DW)	State	LA017	12-31-24
North Carolina (WW/SW)	State	314	12-31-24
Oklahoma	NELAP	9810	08-31-24
Pennsylvania	NELAP	68-00467	01-31-25
South Carolina	State	96026	06-30-24
Tennessee	State	TN02907	06-30-24
Texas	NELAP	T104704286	09-30-24
US Fish & Wildlife	US Federal Programs	A22340	06-30-24
USDA	US Federal Programs	FLGNV23001	01-08-26
USDA	US Federal Programs	P330-21-00056	01-09-26
Virginia	NELAP	460166	06-14-24
West Virginia DEP	State	136	03-31-25

Laboratory: Eurofins Savannah

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
	AFCEE	SAVLAB	
Alabama	State	41450	06-30-24
ANAB	Dept. of Defense ELAP	L2463	09-22-24
Arkansas (DW)	State	GA00006	06-30-24
California	State	2939	06-30-24
Florida	NELAP	E87052	06-30-24
Georgia	State	E87052	06-30-24
Georgia (DW)	State	803	06-30-24
Hawaii	State	<cert No.>	06-30-24
Illinois	NELAP	200022	11-30-24
Indiana	State	C-GA-02	06-30-24
Iowa	State	353	07-01-25
Kentucky (UST)	State	NA	06-30-24
Louisiana	NELAP	30690	06-30-24
Louisiana (All)	NELAP	30690	06-30-24
Louisiana (DW)	State	LA009	12-31-24
Maine	State	GA00006	09-25-24
Maryland	State	250	12-31-24
Massachusetts	State	M-GA006	06-30-24
Michigan	State	9925	06-30-24
Mississippi	State	<cert No.>	06-30-24
Nebraska	State	NE-OS-7-04	06-30-24
New Jersey	NELAP	GA769	06-30-24

Accreditation/Certification Summary

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-256770-1

Laboratory: Eurofins Savannah (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

<u>Authority</u>	<u>Program</u>	<u>Identification Number</u>	<u>Expiration Date</u>
New Mexico	State	GA00006	06-30-24
North Carolina (DW)	State	13701	07-31-24
North Carolina (WW/SW)	State	269	12-31-24
Pennsylvania	NELAP	68-00474	06-30-24
Puerto Rico	State	GA00006	01-01-25
South Carolina	State	98001	06-30-24
Tennessee	State	TN02961	06-30-24
Texas	NELAP	T1047004185	11-30-24
Texas	TCEQ Water Supply	T104704185	06-30-24
USDA	US Federal Programs	P330-18-00313	04-04-27
Virginia	NELAP	460161	06-14-24
Wyoming	State	8TMS-L	06-30-24

Client Information Client Contact: Charles Oligee Company: TTL Inc Address: 101 Quality Circle NW, Ste. 130 City: Huntsville State, Zip: AL, 35806 Phone: _____ Email: charles.oligee@ttlusa.com Project Name: Technical Micronics Control Site: TMC		Sampler: B. Savard Phone: (931) 636-4069 Lab PIV: Bechtold, Chad E-Mail: Chad.Bechtold@et.eurofinsus.com		Carrier Tracking No(s): _____ State of Origin: _____ COC No: 400-130212-43613.2 Page: Page 2 of 3 Job #: _____	
Due Date Requested: _____ TAT Requested (days): _____ Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No PO #: 230500461.00 WO #: 230500461.00 Project #: 40017013 SOW#: _____		Analysis Requested Field-Filtered Sample (Yes or No) _____ 982A - PCBs, B270E - SVOS 8260D - VOCs - Soil 6010D - RCRA Metals: 7471B - Hg Preservation Codes: N - None Other: _____ Special Instructions/Note: _____			
Sample Identification Sample Date Sample Time Sample Type (C=Comp, G=grab) Matrix (W=Water, S=Solid, O=Organic, BT=Tissue, A=Ally)		Sample Date Sample Time Sample Type Matrix			
B-9 (a-d) B-10 (a-d) B-14 (a-d) B-18 (a-e) B-21 (a-e) B-22 (a-d) B-23 (a-c)		5/22/24 12:52 G S 13:36 13:55 14:38 17:46 16:27 15:48			
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant Deliverable Requested: I, II, III, IV, Other (specify) _____		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months Special Instructions/QC Requirements: _____			
Empty Kit Relinquished by: _____ Date: _____ Relinquished by: _____ Date/Time: _____ Relinquished by: _____ Date/Time: _____ Relinquished by: _____ Date/Time: _____		Method of Shipment: _____ Received by: _____ Date/Time: _____ Received by: _____ Date/Time: _____ Received by: _____ Date/Time: 5/30/24 13:35 Cooler Temperature(s) °C and Other Remarks: 2.6°C 120			
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No.: _____		Ver: 01/16/2019			



Login Sample Receipt Checklist

Client: TTL Inc

Job Number: 400-256770-1

Login Number: 256770

List Source: Eurofins Pensacola

List Number: 1

Creator: Pardonner, Brett

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	15.1°C,17.0°C,2.6°C IR10
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: TTL Inc

Job Number: 400-256770-1

Login Number: 256770

List Number: 2

Creator: Faught, Timothy

List Source: Eurofins Savannah

List Creation: 06/05/24 01:32 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



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14
15

ANALYTICAL REPORT

PREPARED FOR

Attn: Charles Olgee
TTL Inc
101 Quality Circle NW, Ste. 130
Huntsville, Alabama 35806

Generated 6/30/2024 10:33:19 PM

JOB DESCRIPTION

Technical Micronics Control

JOB NUMBER

400-257981-1

Eurofins Pensacola

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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6/30/2024 10:33:19 PM

Authorized for release by
Chad Bechtold, Project Manager
Chad.Bechtold@et.eurofinsus.com
(813)690-3563



Table of Contents

Cover Page	1
Table of Contents	3
Case Narrative	4
Detection Summary	5
Sample Summary	9
Client Sample Results	10
Definitions	74
Surrogate Summary	75
QC Association	77
QC Sample Results	83
Chronicle	97
Method Summary	109
Certification Summary	110
Chain of Custody	112
Receipt Checklists	117

Case Narrative

Client: TTL Inc
Project: Technical Micronics Control

Job ID: 400-257981-1

Job ID: 400-257981-1

Eurofins Pensacola

Job Narrative 400-257981-1

Receipt

The samples were received on 6/21/2024 2:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 0.6°C, 0.6°C and 2.4°C.

GC/MS VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA

Method 8270E: The following samples were diluted due to the nature of the sample matrix: B3 (A-D) (400-257981-3) and B4 (A-D) (400-257981-4). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs

Method 8082A: The following samples were diluted due to the nature of the sample matrix: B1 (A-F) (400-257981-1), B2 (A-D) (400-257981-2), B3 (A-D) (400-257981-3), B4 (A-D) (400-257981-4), B13 (A-D) (400-257981-11), B15 (A-D) (400-257981-12), B16 (A-D) (400-257981-13), B17 (A-D) (400-257981-14), B19 (A-D) (400-257981-15), B20 (A-D) (400-257981-16), (400-257981-E-1-D MS) and (400-257981-E-1-E MSD). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Pensacola

Detection Summary

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B1 (A-F)

Lab Sample ID: 400-257981-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0731		0.0195	mg/Kg	1	✳	8260D	Total/NA
Arsenic	7.55		2.44	mg/Kg	1	✳	6010D	Total/NA
Barium	104		1.22	mg/Kg	1	✳	6010D	Total/NA
Chromium	64.1		1.22	mg/Kg	1	✳	6010D	Total/NA
Lead	16.8		1.22	mg/Kg	1	✳	6010D	Total/NA
Mercury	0.0900		0.0287	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: B2 (A-D)

Lab Sample ID: 400-257981-2

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0185		0.0169	mg/Kg	1	✳	8260D	Total/NA
Arsenic	10.2		2.10	mg/Kg	1	✳	6010D	Total/NA
Barium	63.9		1.05	mg/Kg	1	✳	6010D	Total/NA
Chromium	55.2		1.05	mg/Kg	1	✳	6010D	Total/NA
Lead	17.9		1.05	mg/Kg	1	✳	6010D	Total/NA
Mercury	0.0641		0.0282	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: B3 (A-D)

Lab Sample ID: 400-257981-3

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0334		0.0166	mg/Kg	1	✳	8260D	Total/NA
Fluoranthene	1.85		1.82	mg/Kg	5	✳	8270E	Total/NA
Pyrene	1.96		1.82	mg/Kg	5	✳	8270E	Total/NA
Arsenic	6.64		2.24	mg/Kg	1	✳	6010D	Total/NA
Barium	118		1.12	mg/Kg	1	✳	6010D	Total/NA
Chromium	70.9		1.12	mg/Kg	1	✳	6010D	Total/NA
Lead	17.1		1.12	mg/Kg	1	✳	6010D	Total/NA

Client Sample ID: B4 (A-D)

Lab Sample ID: 400-257981-4

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0941		0.0217	mg/Kg	1	✳	8260D	Total/NA
Benzo[a]anthracene	0.836		0.775	mg/Kg	2	✳	8270E	Total/NA
Benzo[a]pyrene	1.32		0.775	mg/Kg	2	✳	8270E	Total/NA
Benzo[b]fluoranthene	2.05		0.775	mg/Kg	2	✳	8270E	Total/NA
Benzo[g,h,i]perylene	1.07		0.775	mg/Kg	2	✳	8270E	Total/NA
Benzo[k]fluoranthene	0.983		0.775	mg/Kg	2	✳	8270E	Total/NA
Chrysene	1.49		0.775	mg/Kg	2	✳	8270E	Total/NA
Fluoranthene	2.69		0.775	mg/Kg	2	✳	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.851		0.775	mg/Kg	2	✳	8270E	Total/NA
Pyrene	2.34		0.775	mg/Kg	2	✳	8270E	Total/NA
Arsenic	6.67		2.31	mg/Kg	1	✳	6010D	Total/NA
Barium	57.6		1.16	mg/Kg	1	✳	6010D	Total/NA
Chromium	57.1		1.16	mg/Kg	1	✳	6010D	Total/NA
Lead	20.3		1.16	mg/Kg	1	✳	6010D	Total/NA
Mercury	0.0597		0.0289	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: B5 (A-D)

Lab Sample ID: 400-257981-5

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0976		0.0204	mg/Kg	1	✳	8260D	Total/NA
Barium	134		5.75	mg/Kg	5	✳	6010D	Total/NA
Chromium	40.9		5.75	mg/Kg	5	✳	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Detection Summary

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B5 (A-D) (Continued)

Lab Sample ID: 400-257981-5

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	18.7		5.75	mg/Kg	5	✳	6010D	Total/NA

Client Sample ID: B6 (A-F)

Lab Sample ID: 400-257981-6

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0945		0.0206	mg/Kg	1	✳	8260D	Total/NA
Arsenic	10.7		2.41	mg/Kg	1	✳	6010D	Total/NA
Barium	56.0		1.20	mg/Kg	1	✳	6010D	Total/NA
Chromium	56.2		1.20	mg/Kg	1	✳	6010D	Total/NA
Lead	19.8		1.20	mg/Kg	1	✳	6010D	Total/NA
Mercury	0.0984		0.0284	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: B7 (A-F)

Lab Sample ID: 400-257981-7

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0894		0.0193	mg/Kg	1	✳	8260D	Total/NA
Arsenic	10.5		2.37	mg/Kg	1	✳	6010D	Total/NA
Barium	93.3		1.18	mg/Kg	1	✳	6010D	Total/NA
Chromium	46.4		1.18	mg/Kg	1	✳	6010D	Total/NA
Lead	36.0		1.18	mg/Kg	1	✳	6010D	Total/NA
Mercury	0.0698		0.0285	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: B8 (A-D)

Lab Sample ID: 400-257981-8

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0870		0.0198	mg/Kg	1	✳	8260D	Total/NA
Fluoranthene	0.394		0.393	mg/Kg	1	✳	8270E	Total/NA
Barium	158		5.91	mg/Kg	5	✳	6010D	Total/NA
Chromium	45.0		5.91	mg/Kg	5	✳	6010D	Total/NA
Lead	23.0		5.91	mg/Kg	5	✳	6010D	Total/NA
Mercury	0.0363		0.0284	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: B11 (A-D)

Lab Sample ID: 400-257981-9

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0666		0.0172	mg/Kg	1	✳	8260D	Total/NA
Arsenic	8.53		2.29	mg/Kg	1	✳	6010D	Total/NA
Barium	70.6		1.15	mg/Kg	1	✳	6010D	Total/NA
Chromium	47.1		1.15	mg/Kg	1	✳	6010D	Total/NA
Lead	21.3		1.15	mg/Kg	1	✳	6010D	Total/NA
Mercury	0.0981		0.0271	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: B12 (A-D)

Lab Sample ID: 400-257981-10

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0861		0.0208	mg/Kg	1	✳	8260D	Total/NA
Arsenic	8.13		2.35	mg/Kg	1	✳	6010D	Total/NA
Barium	61.7		1.18	mg/Kg	1	✳	6010D	Total/NA
Chromium	54.6		1.18	mg/Kg	1	✳	6010D	Total/NA
Lead	21.4		1.18	mg/Kg	1	✳	6010D	Total/NA
Mercury	0.0736		0.0300	mg/Kg	1	✳	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Detection Summary

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B13 (A-D)

Lab Sample ID: 400-257981-11

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0872		0.0192	mg/Kg	1	✳	8260D	Total/NA
Arsenic	6.78		2.21	mg/Kg	1	✳	6010D	Total/NA
Barium	93.0		1.10	mg/Kg	1	✳	6010D	Total/NA
Chromium	37.7		1.10	mg/Kg	1	✳	6010D	Total/NA
Lead	19.0		1.10	mg/Kg	1	✳	6010D	Total/NA
Mercury	0.0467		0.0292	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: B15 (A-D)

Lab Sample ID: 400-257981-12

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0483		0.0203	mg/Kg	1	✳	8260D	Total/NA
Arsenic	12.3		2.51	mg/Kg	1	✳	6010D	Total/NA
Barium	54.7		1.25	mg/Kg	1	✳	6010D	Total/NA
Chromium	114		1.25	mg/Kg	1	✳	6010D	Total/NA
Lead	31.1		1.25	mg/Kg	1	✳	6010D	Total/NA
Mercury	0.108		0.0280	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: B16 (A-D)

Lab Sample ID: 400-257981-13

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0378		0.0208	mg/Kg	1	✳	8260D	Total/NA
cis-1,2-Dichloroethene	0.0323		0.00415	mg/Kg	1	✳	8260D	Total/NA
Trichloroethene	0.0203		0.00415	mg/Kg	1	✳	8260D	Total/NA
Arsenic	13.8		2.39	mg/Kg	1	✳	6010D	Total/NA
Barium	42.1		1.19	mg/Kg	1	✳	6010D	Total/NA
Chromium	222		1.19	mg/Kg	1	✳	6010D	Total/NA
Lead	19.9		1.19	mg/Kg	1	✳	6010D	Total/NA
Mercury	0.100		0.0311	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: B17 (A-D)

Lab Sample ID: 400-257981-14

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0335		0.0165	mg/Kg	1	✳	8260D	Total/NA
Trichloroethene	0.00547		0.00329	mg/Kg	1	✳	8260D	Total/NA
PCB-1254	0.154		0.0993	mg/Kg	5	✳	8082A	Total/NA
Arsenic	8.77		2.24	mg/Kg	1	✳	6010D	Total/NA
Barium	81.5		1.12	mg/Kg	1	✳	6010D	Total/NA
Chromium	268		1.12	mg/Kg	1	✳	6010D	Total/NA
Lead	17.9		1.12	mg/Kg	1	✳	6010D	Total/NA
Mercury	0.0299		0.0280	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: B19 (A-D)

Lab Sample ID: 400-257981-15

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0318		0.0198	mg/Kg	1	✳	8260D	Total/NA
Arsenic	9.95		2.28	mg/Kg	1	✳	6010D	Total/NA
Barium	57.0		1.14	mg/Kg	1	✳	6010D	Total/NA
Chromium	72.6		1.14	mg/Kg	1	✳	6010D	Total/NA
Lead	19.2		1.14	mg/Kg	1	✳	6010D	Total/NA
Mercury	0.0656		0.0270	mg/Kg	1	✳	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Detection Summary

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B20 (A-D)

Lab Sample ID: 400-257981-16

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0213		0.0184	mg/Kg	1	✳	8260D	Total/NA
Trichloroethene	0.00439		0.00368	mg/Kg	1	✳	8260D	Total/NA
PCB-1254	0.434		0.104	mg/Kg	5	✳	8082A	Total/NA
Arsenic	6.22		2.43	mg/Kg	1	✳	6010D	Total/NA
Barium	108		1.21	mg/Kg	1	✳	6010D	Total/NA
Chromium	34.2		1.21	mg/Kg	1	✳	6010D	Total/NA
Lead	19.1		1.21	mg/Kg	1	✳	6010D	Total/NA
Mercury	0.0591		0.0292	mg/Kg	1	✳	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Sample Summary

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-257981-1	B1 (A-F)	Solid	06/18/24 10:31	06/21/24 14:00
400-257981-2	B2 (A-D)	Solid	06/18/24 10:43	06/21/24 14:00
400-257981-3	B3 (A-D)	Solid	06/18/24 11:29	06/21/24 14:00
400-257981-4	B4 (A-D)	Solid	06/18/24 11:45	06/21/24 14:00
400-257981-5	B5 (A-D)	Solid	06/18/24 12:03	06/21/24 14:00
400-257981-6	B6 (A-F)	Solid	06/18/24 10:08	06/21/24 14:00
400-257981-7	B7 (A-F)	Solid	06/18/24 09:39	06/21/24 14:00
400-257981-8	B8 (A-D)	Solid	06/18/24 09:11	06/21/24 14:00
400-257981-9	B11 (A-D)	Solid	06/18/24 13:48	06/21/24 14:00
400-257981-10	B12 (A-D)	Solid	06/18/24 14:03	06/21/24 14:00
400-257981-11	B13 (A-D)	Solid	06/18/24 14:24	06/21/24 14:00
400-257981-12	B15 (A-D)	Solid	06/18/24 13:14	06/21/24 14:00
400-257981-13	B16 (A-D)	Solid	06/18/24 12:59	06/21/24 14:00
400-257981-14	B17 (A-D)	Solid	06/18/24 15:31	06/21/24 14:00
400-257981-15	B19 (A-D)	Solid	06/18/24 14:55	06/21/24 14:00
400-257981-16	B20 (A-D)	Solid	06/18/24 15:10	06/21/24 14:00

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Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B1 (A-F)

Lab Sample ID: 400-257981-1

Date Collected: 06/18/24 10:31

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 82.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0731		0.0195	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
Benzene	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
Bromoform	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
Bromomethane	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
2-Butanone (MEK)	<0.0195	U	0.0195	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
Carbon disulfide	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
Carbon tetrachloride	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
Chlorobenzene	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
Chlorobromomethane	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
Chlorodibromomethane	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
Chloroethane	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
Chloroform	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
Chloromethane	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
cis-1,2-Dichloroethene	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
cis-1,3-Dichloropropene	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
Cyclohexane	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
1,2-Dibromo-3-Chloropropane	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
1,2-Dichlorobenzene	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
1,3-Dichlorobenzene	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
1,4-Dichlorobenzene	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
Dichlorobromomethane	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
Dichlorodifluoromethane	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
1,1-Dichloroethane	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
1,2-Dichloroethane	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
1,1-Dichloroethene	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
1,2-Dichloropropane	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
Ethylbenzene	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
Ethylene Dibromide	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
2-Hexanone	<0.0195	U	0.0195	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
Isopropylbenzene	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
Methyl acetate	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
Methylcyclohexane	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
Methylene Chloride	<0.0117	U	0.0117	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
4-Methyl-2-pentanone (MIBK)	<0.0195	U	0.0195	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
Methyl tert-butyl ether	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
Styrene	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
1,1,2,2-Tetrachloroethane	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
Tetrachloroethene	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
Toluene	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
trans-1,2-Dichloroethene	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
trans-1,3-Dichloropropene	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
1,2,3-Trichlorobenzene	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
1,2,4-Trichlorobenzene	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
1,1,1-Trichloroethane	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
1,1,2-Trichloroethane	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
Trichloroethene	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
Trichlorofluoromethane	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
Vinyl chloride	<0.00391	U	0.00391	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B1 (A-F)

Lab Sample ID: 400-257981-1

Date Collected: 06/18/24 10:31

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 82.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00782	U	0.00782	mg/Kg	☼	06/26/24 09:34	06/26/24 14:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		67 - 130			06/26/24 09:34	06/26/24 14:22	1
Dibromofluoromethane	106		77 - 127			06/26/24 09:34	06/26/24 14:22	1
Toluene-d8 (Surr)	96		76 - 127			06/26/24 09:34	06/26/24 14:22	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Acenaphthylene	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Acetophenone	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Anthracene	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Atrazine	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Benzaldehyde	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Benzo[a]anthracene	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Benzo[a]pyrene	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Benzo[b]fluoranthene	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Benzo[g,h,i]perylene	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Benzo[k]fluoranthene	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
1,1'-Biphenyl	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Bis(2-chloroethoxy)methane	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Bis(2-chloroethyl)ether	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Bis(2-ethylhexyl) phthalate	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
4-Bromophenyl phenyl ether	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Butyl benzyl phthalate	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Caprolactam	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Carbazole	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
4-Chloroaniline	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
4-Chloro-3-methylphenol	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
2-Chloronaphthalene	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
2-Chlorophenol	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
4-Chlorophenyl phenyl ether	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Chrysene	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Dibenz(a,h)anthracene	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Dibenzofuran	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
3,3'-Dichlorobenzidine	<0.389	U F1	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
2,4-Dichlorophenol	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Diethyl phthalate	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
2,4-Dimethylphenol	<0.389	U F1	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Dimethyl phthalate	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Di-n-butyl phthalate	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
4,6-Dinitro-2-methylphenol	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
2,4-Dinitrophenol	<1.17	U	1.17	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
2,4-Dinitrotoluene	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
2,6-Dinitrotoluene	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Di-n-octyl phthalate	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Fluoranthene	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Fluorene	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Hexachlorobenzene	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B1 (A-F)

Lab Sample ID: 400-257981-1

Date Collected: 06/18/24 10:31

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 82.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Hexachlorocyclopentadiene	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Hexachloroethane	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Indeno[1,2,3-cd]pyrene	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Isophorone	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
2-Methylnaphthalene	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
2-Methylphenol	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
3 & 4 Methylphenol	<0.778	U	0.778	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Naphthalene	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
2-Nitroaniline	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
3-Nitroaniline	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
4-Nitroaniline	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Nitrobenzene	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
2-Nitrophenol	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
4-Nitrophenol	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
N-Nitrosodi-n-propylamine	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
n-Nitrosodiphenylamine(as diphenylamine)	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
2,2'-oxybis(1-chloropropane)	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Pentachlorophenol	<0.778	U	0.778	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Phenanthrene	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Phenol	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
Pyrene	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
2,4,5-Trichlorophenol	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1
2,4,6-Trichlorophenol	<0.389	U	0.389	mg/Kg	☼	06/25/24 11:36	06/27/24 18:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	68		27 - 127	06/25/24 11:36	06/27/24 18:19	1
2-Fluorophenol (Surr)	62		25 - 128	06/25/24 11:36	06/27/24 18:19	1
Nitrobenzene-d5 (Surr)	70		15 - 136	06/25/24 11:36	06/27/24 18:19	1
Phenol-d5 (Surr)	71		29 - 130	06/25/24 11:36	06/27/24 18:19	1
Terphenyl-d14 (Surr)	95		24 - 146	06/25/24 11:36	06/27/24 18:19	1
2,4,6-Tribromophenol (Surr)	63		10 - 150	06/25/24 11:36	06/27/24 18:19	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0977	U	0.0977	mg/Kg	☼	06/25/24 11:47	06/28/24 13:37	5
PCB-1221	<0.0977	U	0.0977	mg/Kg	☼	06/25/24 11:47	06/28/24 13:37	5
PCB-1232	<0.0977	U	0.0977	mg/Kg	☼	06/25/24 11:47	06/28/24 13:37	5
PCB-1242	<0.0977	U	0.0977	mg/Kg	☼	06/25/24 11:47	06/28/24 13:37	5
PCB-1248	<0.0977	U	0.0977	mg/Kg	☼	06/25/24 11:47	06/28/24 13:37	5
PCB-1254	<0.0977	U	0.0977	mg/Kg	☼	06/25/24 11:47	06/28/24 13:37	5
PCB-1260	<0.0977	U	0.0977	mg/Kg	☼	06/25/24 11:47	06/28/24 13:37	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	55		26 - 129	06/25/24 11:47	06/28/24 13:37	5
Tetrachloro-m-xylene	66		31 - 122	06/25/24 11:47	06/28/24 13:37	5

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.55		2.44	mg/Kg	☼	06/26/24 08:51	06/26/24 18:13	1

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Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B1 (A-F)

Lab Sample ID: 400-257981-1

Date Collected: 06/18/24 10:31

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 82.1

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	104		1.22	mg/Kg	☼	06/26/24 08:51	06/26/24 18:13	1
Cadmium	<0.609	U	0.609	mg/Kg	☼	06/26/24 08:51	06/26/24 18:13	1
Chromium	64.1		1.22	mg/Kg	☼	06/26/24 08:51	06/26/24 18:13	1
Silver	<1.22	U	1.22	mg/Kg	☼	06/26/24 08:51	06/26/24 18:13	1
Lead	16.8		1.22	mg/Kg	☼	06/26/24 08:51	06/26/24 18:13	1
Selenium	<3.05	U	3.05	mg/Kg	☼	06/26/24 08:51	06/26/24 18:13	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0900		0.0287	mg/Kg	☼	06/26/24 11:03	06/26/24 15:55	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	82.1		0.01	%			06/26/24 11:07	1
Percent Moisture (EPA Moisture)	17.9		0.01	%			06/26/24 11:07	1



Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B2 (A-D)

Lab Sample ID: 400-257981-2

Date Collected: 06/18/24 10:43

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 85.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0185		0.0169	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
Benzene	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
Bromoform	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
Bromomethane	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
2-Butanone (MEK)	<0.0169	U	0.0169	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
Carbon disulfide	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
Carbon tetrachloride	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
Chlorobenzene	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
Chlorobromomethane	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
Chlorodibromomethane	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
Chloroethane	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
Chloroform	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
Chloromethane	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
cis-1,2-Dichloroethene	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
cis-1,3-Dichloropropene	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
Cyclohexane	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
1,2-Dibromo-3-Chloropropane	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
1,2-Dichlorobenzene	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
1,3-Dichlorobenzene	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
1,4-Dichlorobenzene	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
Dichlorobromomethane	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
Dichlorodifluoromethane	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
1,1-Dichloroethane	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
1,2-Dichloroethane	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
1,1-Dichloroethene	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
1,2-Dichloropropane	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
Ethylbenzene	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
Ethylene Dibromide	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
2-Hexanone	<0.0169	U	0.0169	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
Isopropylbenzene	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
Methyl acetate	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
Methylcyclohexane	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
Methylene Chloride	<0.0102	U	0.0102	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
4-Methyl-2-pentanone (MIBK)	<0.0169	U	0.0169	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
Methyl tert-butyl ether	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
Styrene	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
1,1,2,2-Tetrachloroethane	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
Tetrachloroethene	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
Toluene	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
trans-1,2-Dichloroethene	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
trans-1,3-Dichloropropene	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
1,2,3-Trichlorobenzene	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
1,2,4-Trichlorobenzene	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
1,1,1-Trichloroethane	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
1,1,2-Trichloroethane	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
Trichloroethene	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
Trichlorofluoromethane	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
Vinyl chloride	<0.00339	U	0.00339	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B2 (A-D)

Lab Sample ID: 400-257981-2

Date Collected: 06/18/24 10:43

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 85.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00677	U	0.00677	mg/Kg	☼	06/26/24 09:34	06/26/24 14:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		67 - 130			06/26/24 09:34	06/26/24 14:48	1
Dibromofluoromethane	107		77 - 127			06/26/24 09:34	06/26/24 14:48	1
Toluene-d8 (Surr)	94		76 - 127			06/26/24 09:34	06/26/24 14:48	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Acenaphthylene	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Acetophenone	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Anthracene	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Atrazine	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Benzaldehyde	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Benzo[a]anthracene	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Benzo[a]pyrene	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Benzo[b]fluoranthene	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Benzo[g,h,i]perylene	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Benzo[k]fluoranthene	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
1,1'-Biphenyl	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Bis(2-chloroethoxy)methane	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Bis(2-chloroethyl)ether	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Bis(2-ethylhexyl) phthalate	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
4-Bromophenyl phenyl ether	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Butyl benzyl phthalate	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Caprolactam	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Carbazole	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
4-Chloroaniline	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
4-Chloro-3-methylphenol	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
2-Chloronaphthalene	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
2-Chlorophenol	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
4-Chlorophenyl phenyl ether	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Chrysene	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Dibenz(a,h)anthracene	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Dibenzofuran	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
3,3'-Dichlorobenzidine	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
2,4-Dichlorophenol	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Diethyl phthalate	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
2,4-Dimethylphenol	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Dimethyl phthalate	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Di-n-butyl phthalate	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
4,6-Dinitro-2-methylphenol	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
2,4-Dinitrophenol	<1.10	U	1.10	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
2,4-Dinitrotoluene	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
2,6-Dinitrotoluene	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Di-n-octyl phthalate	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Fluoranthene	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Fluorene	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Hexachlorobenzene	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B2 (A-D)

Lab Sample ID: 400-257981-2

Date Collected: 06/18/24 10:43

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 85.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Hexachlorocyclopentadiene	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Hexachloroethane	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Indeno[1,2,3-cd]pyrene	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Isophorone	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
2-Methylnaphthalene	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
2-Methylphenol	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
3 & 4 Methylphenol	<0.732	U	0.732	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Naphthalene	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
2-Nitroaniline	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
3-Nitroaniline	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
4-Nitroaniline	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Nitrobenzene	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
2-Nitrophenol	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
4-Nitrophenol	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
N-Nitrosodi-n-propylamine	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
n-Nitrosodiphenylamine(as diphenylamine)	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
2,2'-oxybis(1-chloropropane)	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Pentachlorophenol	<0.732	U	0.732	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Phenanthrene	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Phenol	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
Pyrene	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
2,4,5-Trichlorophenol	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1
2,4,6-Trichlorophenol	<0.366	U	0.366	mg/Kg	☼	06/25/24 11:36	06/27/24 18:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	58		27 - 127	06/25/24 11:36	06/27/24 18:42	1
2-Fluorophenol (Surr)	57		25 - 128	06/25/24 11:36	06/27/24 18:42	1
Nitrobenzene-d5 (Surr)	61		15 - 136	06/25/24 11:36	06/27/24 18:42	1
Phenol-d5 (Surr)	63		29 - 130	06/25/24 11:36	06/27/24 18:42	1
Terphenyl-d14 (Surr)	82		24 - 146	06/25/24 11:36	06/27/24 18:42	1
2,4,6-Tribromophenol (Surr)	55		10 - 150	06/25/24 11:36	06/27/24 18:42	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0979	U	0.0979	mg/Kg	☼	06/25/24 11:47	06/28/24 13:50	5
PCB-1221	<0.0979	U	0.0979	mg/Kg	☼	06/25/24 11:47	06/28/24 13:50	5
PCB-1232	<0.0979	U	0.0979	mg/Kg	☼	06/25/24 11:47	06/28/24 13:50	5
PCB-1242	<0.0979	U	0.0979	mg/Kg	☼	06/25/24 11:47	06/28/24 13:50	5
PCB-1248	<0.0979	U	0.0979	mg/Kg	☼	06/25/24 11:47	06/28/24 13:50	5
PCB-1254	<0.0979	U	0.0979	mg/Kg	☼	06/25/24 11:47	06/28/24 13:50	5
PCB-1260	<0.0979	U	0.0979	mg/Kg	☼	06/25/24 11:47	06/28/24 13:50	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	45		26 - 129	06/25/24 11:47	06/28/24 13:50	5
Tetrachloro-m-xylene	65		31 - 122	06/25/24 11:47	06/28/24 13:50	5

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	10.2		2.10	mg/Kg	☼	06/26/24 08:51	06/26/24 18:15	1

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Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B2 (A-D)

Lab Sample ID: 400-257981-2

Date Collected: 06/18/24 10:43

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 85.2

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	63.9		1.05	mg/Kg	☼	06/26/24 08:51	06/26/24 18:15	1
Cadmium	<0.524	U	0.524	mg/Kg	☼	06/26/24 08:51	06/26/24 18:15	1
Chromium	55.2		1.05	mg/Kg	☼	06/26/24 08:51	06/26/24 18:15	1
Silver	<1.05	U	1.05	mg/Kg	☼	06/26/24 08:51	06/26/24 18:15	1
Lead	17.9		1.05	mg/Kg	☼	06/26/24 08:51	06/26/24 18:15	1
Selenium	<2.62	U	2.62	mg/Kg	☼	06/26/24 08:51	06/26/24 18:15	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0641		0.0282	mg/Kg	☼	06/26/24 11:03	06/26/24 15:57	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	85.2		0.01	%			06/26/24 11:07	1
Percent Moisture (EPA Moisture)	14.8		0.01	%			06/26/24 11:07	1



Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B3 (A-D)

Lab Sample ID: 400-257981-3

Date Collected: 06/18/24 11:29

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 89.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0334		0.0166	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
Benzene	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
Bromoform	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
Bromomethane	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
2-Butanone (MEK)	<0.0166	U	0.0166	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
Carbon disulfide	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
Carbon tetrachloride	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
Chlorobenzene	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
Chlorobromomethane	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
Chlorodibromomethane	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
Chloroethane	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
Chloroform	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
Chloromethane	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
cis-1,2-Dichloroethene	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
cis-1,3-Dichloropropene	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
Cyclohexane	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
1,2-Dibromo-3-Chloropropane	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
1,2-Dichlorobenzene	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
1,3-Dichlorobenzene	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
1,4-Dichlorobenzene	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
Dichlorobromomethane	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
Dichlorodifluoromethane	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
1,1-Dichloroethane	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
1,2-Dichloroethane	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
1,1-Dichloroethene	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
1,2-Dichloropropane	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
Ethylbenzene	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
Ethylene Dibromide	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
2-Hexanone	<0.0166	U	0.0166	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
Isopropylbenzene	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
Methyl acetate	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
Methylcyclohexane	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
Methylene Chloride	<0.00995	U	0.00995	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
4-Methyl-2-pentanone (MIBK)	<0.0166	U	0.0166	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
Methyl tert-butyl ether	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
Styrene	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
1,1,1,2-Tetrachloroethane	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
Tetrachloroethene	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
Toluene	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
trans-1,2-Dichloroethene	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
trans-1,3-Dichloropropene	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
1,2,3-Trichlorobenzene	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
1,2,4-Trichlorobenzene	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
1,1,1-Trichloroethane	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
1,1,2-Trichloroethane	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
Trichloroethene	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
Trichlorofluoromethane	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
Vinyl chloride	<0.00332	U	0.00332	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1

Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B3 (A-D)

Lab Sample ID: 400-257981-3

Date Collected: 06/18/24 11:29

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 89.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00664	U	0.00664	mg/Kg	☼	06/26/24 09:34	06/26/24 15:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		67 - 130			06/26/24 09:34	06/26/24 15:16	1
Dibromofluoromethane	109		77 - 127			06/26/24 09:34	06/26/24 15:16	1
Toluene-d8 (Surr)	96		76 - 127			06/26/24 09:34	06/26/24 15:16	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Acenaphthylene	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Acetophenone	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Anthracene	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Atrazine	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Benzaldehyde	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Benzo[a]anthracene	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Benzo[a]pyrene	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Benzo[b]fluoranthene	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Benzo[g,h,i]perylene	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Benzo[k]fluoranthene	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
1,1'-Biphenyl	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Bis(2-chloroethoxy)methane	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Bis(2-chloroethyl)ether	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Bis(2-ethylhexyl) phthalate	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
4-Bromophenyl phenyl ether	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Butyl benzyl phthalate	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Caprolactam	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Carbazole	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
4-Chloroaniline	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
4-Chloro-3-methylphenol	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
2-Chloronaphthalene	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
2-Chlorophenol	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
4-Chlorophenyl phenyl ether	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Chrysene	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Dibenz(a,h)anthracene	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Dibenzofuran	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
3,3'-Dichlorobenzidine	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
2,4-Dichlorophenol	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Diethyl phthalate	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
2,4-Dimethylphenol	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Dimethyl phthalate	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Di-n-butyl phthalate	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
4,6-Dinitro-2-methylphenol	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
2,4-Dinitrophenol	<5.46	U	5.46	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
2,4-Dinitrotoluene	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
2,6-Dinitrotoluene	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Di-n-octyl phthalate	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Fluoranthene	1.85		1.82	mg/Kg	☼	06/25/24 11:36	06/28/24 13:19	5
Fluorene	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Hexachlorobenzene	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B3 (A-D)

Lab Sample ID: 400-257981-3

Date Collected: 06/18/24 11:29

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 89.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Hexachlorocyclopentadiene	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Hexachloroethane	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Indeno[1,2,3-cd]pyrene	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Isophorone	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
2-Methylnaphthalene	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
2-Methylphenol	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
3 & 4 Methylphenol	<3.64	U	3.64	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Naphthalene	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
2-Nitroaniline	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
3-Nitroaniline	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
4-Nitroaniline	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Nitrobenzene	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
2-Nitrophenol	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
4-Nitrophenol	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
N-Nitrosodi-n-propylamine	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
n-Nitrosodiphenylamine(as diphenylamine)	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
2,2'-oxybis(1-chloropropane)	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Pentachlorophenol	<3.64	U	3.64	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Phenanthrene	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Phenol	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
Pyrene	1.96		1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
2,4,5-Trichlorophenol	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5
2,4,6-Trichlorophenol	<1.82	U	1.82	mg/Kg	☼	06/25/24 11:36	06/27/24 19:05	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	60		27 - 127	06/25/24 11:36	06/27/24 19:05	5
2-Fluorophenol (Surr)	55		25 - 128	06/25/24 11:36	06/27/24 19:05	5
Nitrobenzene-d5 (Surr)	56		15 - 136	06/25/24 11:36	06/27/24 19:05	5
Phenol-d5 (Surr)	53		29 - 130	06/25/24 11:36	06/27/24 19:05	5
Terphenyl-d14 (Surr)	71		24 - 146	06/25/24 11:36	06/27/24 19:05	5
2,4,6-Tribromophenol (Surr)	86		10 - 150	06/25/24 11:36	06/27/24 19:05	5

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0943	U	0.0943	mg/Kg	☼	06/25/24 11:47	06/28/24 14:03	5
PCB-1221	<0.0943	U	0.0943	mg/Kg	☼	06/25/24 11:47	06/28/24 14:03	5
PCB-1232	<0.0943	U	0.0943	mg/Kg	☼	06/25/24 11:47	06/28/24 14:03	5
PCB-1242	<0.0943	U	0.0943	mg/Kg	☼	06/25/24 11:47	06/28/24 14:03	5
PCB-1248	<0.0943	U	0.0943	mg/Kg	☼	06/25/24 11:47	06/28/24 14:03	5
PCB-1254	<0.0943	U	0.0943	mg/Kg	☼	06/25/24 11:47	06/28/24 14:03	5
PCB-1260	<0.0943	U	0.0943	mg/Kg	☼	06/25/24 11:47	06/28/24 14:03	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	73		26 - 129	06/25/24 11:47	06/28/24 14:03	5
Tetrachloro-m-xylene	73		31 - 122	06/25/24 11:47	06/28/24 14:03	5

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.64		2.24	mg/Kg	☼	06/26/24 08:51	06/26/24 18:18	1

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Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B3 (A-D)

Lab Sample ID: 400-257981-3

Date Collected: 06/18/24 11:29

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 89.1

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	118		1.12	mg/Kg	☼	06/26/24 08:51	06/26/24 18:18	1
Cadmium	<0.561	U	0.561	mg/Kg	☼	06/26/24 08:51	06/26/24 18:18	1
Chromium	70.9		1.12	mg/Kg	☼	06/26/24 08:51	06/26/24 18:18	1
Silver	<1.12	U	1.12	mg/Kg	☼	06/26/24 08:51	06/26/24 18:18	1
Lead	17.1		1.12	mg/Kg	☼	06/26/24 08:51	06/26/24 18:18	1
Selenium	<2.81	U	2.81	mg/Kg	☼	06/26/24 08:51	06/26/24 18:18	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0270	U	0.0270	mg/Kg	☼	06/26/24 11:03	06/26/24 15:59	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	89.1		0.01	%			06/26/24 11:07	1
Percent Moisture (EPA Moisture)	10.9		0.01	%			06/26/24 11:07	1



Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B4 (A-D)

Lab Sample ID: 400-257981-4

Date Collected: 06/18/24 11:45

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 83.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0941		0.0217	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
Benzene	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
Bromoform	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
Bromomethane	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
2-Butanone (MEK)	<0.0217	U	0.0217	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
Carbon disulfide	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
Carbon tetrachloride	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
Chlorobenzene	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
Chlorobromomethane	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
Chlorodibromomethane	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
Chloroethane	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
Chloroform	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
Chloromethane	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
cis-1,2-Dichloroethene	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
cis-1,3-Dichloropropene	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
Cyclohexane	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
1,2-Dibromo-3-Chloropropane	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
1,2-Dichlorobenzene	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
1,3-Dichlorobenzene	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
1,4-Dichlorobenzene	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
Dichlorobromomethane	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
Dichlorodifluoromethane	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
1,1-Dichloroethane	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
1,2-Dichloroethane	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
1,1-Dichloroethene	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
1,2-Dichloropropane	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
Ethylbenzene	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
Ethylene Dibromide	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
2-Hexanone	<0.0217	U	0.0217	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
Isopropylbenzene	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
Methyl acetate	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
Methylcyclohexane	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
Methylene Chloride	<0.0130	U	0.0130	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
4-Methyl-2-pentanone (MIBK)	<0.0217	U	0.0217	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
Methyl tert-butyl ether	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
Styrene	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
1,1,2,2-Tetrachloroethane	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
Tetrachloroethene	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
Toluene	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
trans-1,2-Dichloroethene	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
trans-1,3-Dichloropropene	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
1,2,3-Trichlorobenzene	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
1,2,4-Trichlorobenzene	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
1,1,1-Trichloroethane	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
1,1,2-Trichloroethane	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
Trichloroethene	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
Trichlorofluoromethane	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
Vinyl chloride	<0.00434	U	0.00434	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B4 (A-D)

Lab Sample ID: 400-257981-4

Date Collected: 06/18/24 11:45

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 83.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00869	U	0.00869	mg/Kg	☼	06/26/24 09:34	06/26/24 15:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		67 - 130			06/26/24 09:34	06/26/24 15:43	1
Dibromofluoromethane	108		77 - 127			06/26/24 09:34	06/26/24 15:43	1
Toluene-d8 (Surr)	94		76 - 127			06/26/24 09:34	06/26/24 15:43	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Acenaphthylene	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Acetophenone	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Anthracene	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Atrazine	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Benzaldehyde	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Benzo[a]anthracene	0.836		0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Benzo[a]pyrene	1.32		0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Benzo[b]fluoranthene	2.05		0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Benzo[g,h,i]perylene	1.07		0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Benzo[k]fluoranthene	0.983		0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
1,1'-Biphenyl	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Bis(2-chloroethoxy)methane	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Bis(2-chloroethyl)ether	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Bis(2-ethylhexyl) phthalate	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
4-Bromophenyl phenyl ether	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Butyl benzyl phthalate	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Caprolactam	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Carbazole	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
4-Chloroaniline	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
4-Chloro-3-methylphenol	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
2-Chloronaphthalene	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
2-Chlorophenol	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
4-Chlorophenyl phenyl ether	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Chrysene	1.49		0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Dibenz(a,h)anthracene	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Dibenzofuran	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
3,3'-Dichlorobenzidine	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
2,4-Dichlorophenol	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Diethyl phthalate	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
2,4-Dimethylphenol	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Dimethyl phthalate	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Di-n-butyl phthalate	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
4,6-Dinitro-2-methylphenol	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
2,4-Dinitrophenol	<2.33	U	2.33	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
2,4-Dinitrotoluene	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
2,6-Dinitrotoluene	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Di-n-octyl phthalate	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Fluoranthene	2.69		0.775	mg/Kg	☼	06/25/24 11:36	06/28/24 13:44	2
Fluorene	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Hexachlorobenzene	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B4 (A-D)

Lab Sample ID: 400-257981-4

Date Collected: 06/18/24 11:45

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 83.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Hexachlorocyclopentadiene	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Hexachloroethane	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Indeno[1,2,3-cd]pyrene	0.851		0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Isophorone	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
2-Methylnaphthalene	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
2-Methylphenol	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
3 & 4 Methylphenol	<1.55	U	1.55	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Naphthalene	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
2-Nitroaniline	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
3-Nitroaniline	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
4-Nitroaniline	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Nitrobenzene	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
2-Nitrophenol	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
4-Nitrophenol	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
N-Nitrosodi-n-propylamine	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
n-Nitrosodiphenylamine(as diphenylamine)	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
2,2'-oxybis(1-chloropropane)	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Pentachlorophenol	<1.55	U	1.55	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Phenanthrene	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Phenol	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
Pyrene	2.34		0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
2,4,5-Trichlorophenol	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2
2,4,6-Trichlorophenol	<0.775	U	0.775	mg/Kg	☼	06/25/24 11:36	06/27/24 19:27	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	62		27 - 127	06/25/24 11:36	06/27/24 19:27	2
2-Fluorophenol (Surr)	57		25 - 128	06/25/24 11:36	06/27/24 19:27	2
Nitrobenzene-d5 (Surr)	62		15 - 136	06/25/24 11:36	06/27/24 19:27	2
Phenol-d5 (Surr)	64		29 - 130	06/25/24 11:36	06/27/24 19:27	2
Terphenyl-d14 (Surr)	79		24 - 146	06/25/24 11:36	06/27/24 19:27	2
2,4,6-Tribromophenol (Surr)	61		10 - 150	06/25/24 11:36	06/27/24 19:27	2

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0997	U	0.0997	mg/Kg	☼	06/25/24 11:47	06/28/24 14:16	5
PCB-1221	<0.0997	U	0.0997	mg/Kg	☼	06/25/24 11:47	06/28/24 14:16	5
PCB-1232	<0.0997	U	0.0997	mg/Kg	☼	06/25/24 11:47	06/28/24 14:16	5
PCB-1242	<0.0997	U	0.0997	mg/Kg	☼	06/25/24 11:47	06/28/24 14:16	5
PCB-1248	<0.0997	U	0.0997	mg/Kg	☼	06/25/24 11:47	06/28/24 14:16	5
PCB-1254	<0.0997	U	0.0997	mg/Kg	☼	06/25/24 11:47	06/28/24 14:16	5
PCB-1260	<0.0997	U	0.0997	mg/Kg	☼	06/25/24 11:47	06/28/24 14:16	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	81		26 - 129	06/25/24 11:47	06/28/24 14:16	5
Tetrachloro-m-xylene	65		31 - 122	06/25/24 11:47	06/28/24 14:16	5

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.67		2.31	mg/Kg	☼	06/26/24 08:51	06/26/24 18:25	1

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Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B4 (A-D)

Lab Sample ID: 400-257981-4

Date Collected: 06/18/24 11:45

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 83.2

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	57.6		1.16	mg/Kg	☼	06/26/24 08:51	06/26/24 18:25	1
Cadmium	<0.578	U	0.578	mg/Kg	☼	06/26/24 08:51	06/26/24 18:25	1
Chromium	57.1		1.16	mg/Kg	☼	06/26/24 08:51	06/26/24 18:25	1
Silver	<1.16	U	1.16	mg/Kg	☼	06/26/24 08:51	06/26/24 18:25	1
Lead	20.3		1.16	mg/Kg	☼	06/26/24 08:51	06/26/24 18:25	1
Selenium	<2.89	U	2.89	mg/Kg	☼	06/26/24 08:51	06/26/24 18:25	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0597		0.0289	mg/Kg	☼	06/26/24 11:03	06/26/24 16:01	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	83.2		0.01	%			06/26/24 11:07	1
Percent Moisture (EPA Moisture)	16.8		0.01	%			06/26/24 11:07	1

Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B5 (A-D)

Lab Sample ID: 400-257981-5

Date Collected: 06/18/24 12:03

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 80.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0976		0.0204	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
Benzene	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
Bromoform	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
Bromomethane	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
2-Butanone (MEK)	<0.0204	U	0.0204	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
Carbon disulfide	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
Carbon tetrachloride	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
Chlorobenzene	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
Chlorobromomethane	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
Chlorodibromomethane	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
Chloroethane	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
Chloroform	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
Chloromethane	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
cis-1,2-Dichloroethene	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
cis-1,3-Dichloropropene	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
Cyclohexane	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
1,2-Dibromo-3-Chloropropane	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
1,2-Dichlorobenzene	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
1,3-Dichlorobenzene	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
1,4-Dichlorobenzene	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
Dichlorobromomethane	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
Dichlorodifluoromethane	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
1,1-Dichloroethane	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
1,2-Dichloroethane	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
1,1-Dichloroethene	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
1,2-Dichloropropane	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
Ethylbenzene	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
Ethylene Dibromide	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
2-Hexanone	<0.0204	U	0.0204	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
Isopropylbenzene	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
Methyl acetate	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
Methylcyclohexane	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
Methylene Chloride	<0.0122	U	0.0122	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
4-Methyl-2-pentanone (MIBK)	<0.0204	U	0.0204	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
Methyl tert-butyl ether	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
Styrene	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
1,1,2,2-Tetrachloroethane	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
Tetrachloroethene	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
Toluene	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
trans-1,2-Dichloroethene	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
trans-1,3-Dichloropropene	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
1,2,3-Trichlorobenzene	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
1,2,4-Trichlorobenzene	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
1,1,1-Trichloroethane	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
1,1,2-Trichloroethane	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
Trichloroethene	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
Trichlorofluoromethane	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
Vinyl chloride	<0.00408	U	0.00408	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B5 (A-D)

Lab Sample ID: 400-257981-5

Date Collected: 06/18/24 12:03

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 80.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00817	U	0.00817	mg/Kg	☼	06/26/24 09:34	06/26/24 16:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		67 - 130			06/26/24 09:34	06/26/24 16:10	1
Dibromofluoromethane	106		77 - 127			06/26/24 09:34	06/26/24 16:10	1
Toluene-d8 (Surr)	93		76 - 127			06/26/24 09:34	06/26/24 16:10	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Acenaphthylene	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Acetophenone	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Anthracene	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Atrazine	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Benzaldehyde	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Benzo[a]anthracene	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Benzo[a]pyrene	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Benzo[b]fluoranthene	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Benzo[g,h,i]perylene	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Benzo[k]fluoranthene	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
1,1'-Biphenyl	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Bis(2-chloroethoxy)methane	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Bis(2-chloroethyl)ether	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Bis(2-ethylhexyl) phthalate	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
4-Bromophenyl phenyl ether	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Butyl benzyl phthalate	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Caprolactam	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Carbazole	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
4-Chloroaniline	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
4-Chloro-3-methylphenol	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
2-Chloronaphthalene	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
2-Chlorophenol	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
4-Chlorophenyl phenyl ether	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Chrysene	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Dibenz(a,h)anthracene	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Dibenzofuran	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
3,3'-Dichlorobenzidine	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
2,4-Dichlorophenol	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Diethyl phthalate	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
2,4-Dimethylphenol	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Dimethyl phthalate	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Di-n-butyl phthalate	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
4,6-Dinitro-2-methylphenol	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
2,4-Dinitrophenol	<1.20	U	1.20	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
2,4-Dinitrotoluene	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
2,6-Dinitrotoluene	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Di-n-octyl phthalate	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Fluoranthene	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Fluorene	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Hexachlorobenzene	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B5 (A-D)

Lab Sample ID: 400-257981-5

Date Collected: 06/18/24 12:03

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 80.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Hexachlorocyclopentadiene	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Hexachloroethane	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Indeno[1,2,3-cd]pyrene	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Isophorone	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
2-Methylnaphthalene	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
2-Methylphenol	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
3 & 4 Methylphenol	<0.802	U	0.802	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Naphthalene	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
2-Nitroaniline	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
3-Nitroaniline	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
4-Nitroaniline	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Nitrobenzene	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
2-Nitrophenol	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
4-Nitrophenol	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
N-Nitrosodi-n-propylamine	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
n-Nitrosodiphenylamine(as diphenylamine)	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
2,2'-oxybis(1-chloropropane)	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Pentachlorophenol	<0.802	U	0.802	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Phenanthrene	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Phenol	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
Pyrene	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
2,4,5-Trichlorophenol	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1
2,4,6-Trichlorophenol	<0.401	U	0.401	mg/Kg	☼	06/25/24 11:36	06/27/24 19:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	68		27 - 127	06/25/24 11:36	06/27/24 19:50	1
2-Fluorophenol (Surr)	64		25 - 128	06/25/24 11:36	06/27/24 19:50	1
Nitrobenzene-d5 (Surr)	68		15 - 136	06/25/24 11:36	06/27/24 19:50	1
Phenol-d5 (Surr)	72		29 - 130	06/25/24 11:36	06/27/24 19:50	1
Terphenyl-d14 (Surr)	95		24 - 146	06/25/24 11:36	06/27/24 19:50	1
2,4,6-Tribromophenol (Surr)	64		10 - 150	06/25/24 11:36	06/27/24 19:50	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0207	U	0.0207	mg/Kg	☼	06/25/24 11:47	06/28/24 14:29	1
PCB-1221	<0.0207	U	0.0207	mg/Kg	☼	06/25/24 11:47	06/28/24 14:29	1
PCB-1232	<0.0207	U	0.0207	mg/Kg	☼	06/25/24 11:47	06/28/24 14:29	1
PCB-1242	<0.0207	U	0.0207	mg/Kg	☼	06/25/24 11:47	06/28/24 14:29	1
PCB-1248	<0.0207	U	0.0207	mg/Kg	☼	06/25/24 11:47	06/28/24 14:29	1
PCB-1254	<0.0207	U	0.0207	mg/Kg	☼	06/25/24 11:47	06/28/24 14:29	1
PCB-1260	<0.0207	U	0.0207	mg/Kg	☼	06/25/24 11:47	06/28/24 14:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	58		26 - 129	06/25/24 11:47	06/28/24 14:29	1
Tetrachloro-m-xylene	62		31 - 122	06/25/24 11:47	06/28/24 14:29	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<11.5	U	11.5	mg/Kg	☼	06/26/24 08:51	06/27/24 10:31	5

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Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B5 (A-D)

Lab Sample ID: 400-257981-5

Date Collected: 06/18/24 12:03

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 80.5

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	134		5.75	mg/Kg	☼	06/26/24 08:51	06/27/24 10:31	5
Cadmium	<2.88	U	2.88	mg/Kg	☼	06/26/24 08:51	06/27/24 10:31	5
Chromium	40.9		5.75	mg/Kg	☼	06/26/24 08:51	06/27/24 10:31	5
Silver	<5.75	U	5.75	mg/Kg	☼	06/26/24 08:51	06/27/24 10:31	5
Lead	18.7		5.75	mg/Kg	☼	06/26/24 08:51	06/27/24 10:31	5
Selenium	<14.4	U	14.4	mg/Kg	☼	06/26/24 08:51	06/27/24 10:31	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0299	U	0.0299	mg/Kg	☼	06/26/24 11:03	06/26/24 16:03	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	80.5		0.01	%			06/26/24 11:07	1
Percent Moisture (EPA Moisture)	19.5		0.01	%			06/26/24 11:07	1



Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B6 (A-F)

Lab Sample ID: 400-257981-6

Date Collected: 06/18/24 10:08

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 81.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0945		0.0206	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
Benzene	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
Bromoform	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
Bromomethane	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
2-Butanone (MEK)	<0.0206	U	0.0206	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
Carbon disulfide	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
Carbon tetrachloride	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
Chlorobenzene	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
Chlorobromomethane	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
Chlorodibromomethane	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
Chloroethane	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
Chloroform	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
Chloromethane	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
cis-1,2-Dichloroethene	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
cis-1,3-Dichloropropene	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
Cyclohexane	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
1,2-Dibromo-3-Chloropropane	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
1,2-Dichlorobenzene	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
1,3-Dichlorobenzene	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
1,4-Dichlorobenzene	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
Dichlorobromomethane	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
Dichlorodifluoromethane	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
1,1-Dichloroethane	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
1,2-Dichloroethane	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
1,1-Dichloroethene	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
1,2-Dichloropropane	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
Ethylbenzene	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
Ethylene Dibromide	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
2-Hexanone	<0.0206	U	0.0206	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
Isopropylbenzene	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
Methyl acetate	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
Methylcyclohexane	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
Methylene Chloride	<0.0124	U	0.0124	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
4-Methyl-2-pentanone (MIBK)	<0.0206	U	0.0206	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
Methyl tert-butyl ether	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
Styrene	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
1,1,2,2-Tetrachloroethane	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
Tetrachloroethene	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
Toluene	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
trans-1,2-Dichloroethene	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
trans-1,3-Dichloropropene	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
1,2,3-Trichlorobenzene	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
1,2,4-Trichlorobenzene	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
1,1,1-Trichloroethane	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
1,1,2-Trichloroethane	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
Trichloroethene	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
Trichlorofluoromethane	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
Vinyl chloride	<0.00412	U	0.00412	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B6 (A-F)

Lab Sample ID: 400-257981-6

Date Collected: 06/18/24 10:08

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 81.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00825	U	0.00825	mg/Kg	☼	06/26/24 09:34	06/26/24 16:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		67 - 130			06/26/24 09:34	06/26/24 16:37	1
Dibromofluoromethane	106		77 - 127			06/26/24 09:34	06/26/24 16:37	1
Toluene-d8 (Surr)	94		76 - 127			06/26/24 09:34	06/26/24 16:37	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Acenaphthylene	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Acetophenone	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Anthracene	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Atrazine	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Benzaldehyde	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Benzo[a]anthracene	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Benzo[a]pyrene	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Benzo[b]fluoranthene	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Benzo[g,h,i]perylene	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Benzo[k]fluoranthene	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
1,1'-Biphenyl	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Bis(2-chloroethoxy)methane	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Bis(2-chloroethyl)ether	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Bis(2-ethylhexyl) phthalate	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
4-Bromophenyl phenyl ether	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Butyl benzyl phthalate	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Caprolactam	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Carbazole	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
4-Chloroaniline	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
4-Chloro-3-methylphenol	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
2-Chloronaphthalene	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
2-Chlorophenol	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
4-Chlorophenyl phenyl ether	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Chrysene	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Dibenz(a,h)anthracene	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Dibenzofuran	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
3,3'-Dichlorobenzidine	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
2,4-Dichlorophenol	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Diethyl phthalate	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
2,4-Dimethylphenol	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Dimethyl phthalate	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Di-n-butyl phthalate	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
4,6-Dinitro-2-methylphenol	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
2,4-Dinitrophenol	<1.15	U	1.15	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
2,4-Dinitrotoluene	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
2,6-Dinitrotoluene	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Di-n-octyl phthalate	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Fluoranthene	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Fluorene	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Hexachlorobenzene	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B6 (A-F)

Lab Sample ID: 400-257981-6

Date Collected: 06/18/24 10:08

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 81.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Hexachlorocyclopentadiene	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Hexachloroethane	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Indeno[1,2,3-cd]pyrene	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Isophorone	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
2-Methylnaphthalene	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
2-Methylphenol	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
3 & 4 Methylphenol	<0.768	U	0.768	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Naphthalene	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
2-Nitroaniline	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
3-Nitroaniline	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
4-Nitroaniline	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Nitrobenzene	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
2-Nitrophenol	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
4-Nitrophenol	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
N-Nitrosodi-n-propylamine	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
n-Nitrosodiphenylamine(as diphenylamine)	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
2,2'-oxybis(1-chloropropane)	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Pentachlorophenol	<0.768	U	0.768	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Phenanthrene	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Phenol	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
Pyrene	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
2,4,5-Trichlorophenol	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1
2,4,6-Trichlorophenol	<0.384	U	0.384	mg/Kg	☼	06/25/24 11:36	06/27/24 20:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	55		27 - 127	06/25/24 11:36	06/27/24 20:12	1
2-Fluorophenol (Surr)	53		25 - 128	06/25/24 11:36	06/27/24 20:12	1
Nitrobenzene-d5 (Surr)	56		15 - 136	06/25/24 11:36	06/27/24 20:12	1
Phenol-d5 (Surr)	60		29 - 130	06/25/24 11:36	06/27/24 20:12	1
Terphenyl-d14 (Surr)	79		24 - 146	06/25/24 11:36	06/27/24 20:12	1
2,4,6-Tribromophenol (Surr)	52		10 - 150	06/25/24 11:36	06/27/24 20:12	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0206	U	0.0206	mg/Kg	☼	06/25/24 11:47	06/28/24 14:42	1
PCB-1221	<0.0206	U	0.0206	mg/Kg	☼	06/25/24 11:47	06/28/24 14:42	1
PCB-1232	<0.0206	U	0.0206	mg/Kg	☼	06/25/24 11:47	06/28/24 14:42	1
PCB-1242	<0.0206	U	0.0206	mg/Kg	☼	06/25/24 11:47	06/28/24 14:42	1
PCB-1248	<0.0206	U	0.0206	mg/Kg	☼	06/25/24 11:47	06/28/24 14:42	1
PCB-1254	<0.0206	U	0.0206	mg/Kg	☼	06/25/24 11:47	06/28/24 14:42	1
PCB-1260	<0.0206	U	0.0206	mg/Kg	☼	06/25/24 11:47	06/28/24 14:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	77		26 - 129	06/25/24 11:47	06/28/24 14:42	1
Tetrachloro-m-xylene	70		31 - 122	06/25/24 11:47	06/28/24 14:42	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	10.7		2.41	mg/Kg	☼	06/26/24 08:51	06/26/24 18:30	1

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Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B6 (A-F)

Lab Sample ID: 400-257981-6

Date Collected: 06/18/24 10:08

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 81.5

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	56.0		1.20	mg/Kg	☼	06/26/24 08:51	06/26/24 18:30	1
Cadmium	<0.601	U	0.601	mg/Kg	☼	06/26/24 08:51	06/26/24 18:30	1
Chromium	56.2		1.20	mg/Kg	☼	06/26/24 08:51	06/26/24 18:30	1
Silver	<1.20	U	1.20	mg/Kg	☼	06/26/24 08:51	06/26/24 18:30	1
Lead	19.8		1.20	mg/Kg	☼	06/26/24 08:51	06/26/24 18:30	1
Selenium	<3.01	U	3.01	mg/Kg	☼	06/26/24 08:51	06/26/24 18:30	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0984		0.0284	mg/Kg	☼	06/26/24 11:03	06/26/24 16:05	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	81.5		0.01	%			06/26/24 11:07	1
Percent Moisture (EPA Moisture)	18.5		0.01	%			06/26/24 11:07	1



Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B7 (A-F)

Lab Sample ID: 400-257981-7

Date Collected: 06/18/24 09:39

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 84.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0894		0.0193	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
Benzene	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
Bromoform	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
Bromomethane	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
2-Butanone (MEK)	<0.0193	U	0.0193	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
Carbon disulfide	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
Carbon tetrachloride	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
Chlorobenzene	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
Chlorobromomethane	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
Chlorodibromomethane	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
Chloroethane	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
Chloroform	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
Chloromethane	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
cis-1,2-Dichloroethene	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
cis-1,3-Dichloropropene	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
Cyclohexane	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
1,2-Dibromo-3-Chloropropane	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
1,2-Dichlorobenzene	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
1,3-Dichlorobenzene	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
1,4-Dichlorobenzene	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
Dichlorobromomethane	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
Dichlorodifluoromethane	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
1,1-Dichloroethane	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
1,2-Dichloroethane	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
1,1-Dichloroethene	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
1,2-Dichloropropane	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
Ethylbenzene	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
Ethylene Dibromide	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
2-Hexanone	<0.0193	U	0.0193	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
Isopropylbenzene	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
Methyl acetate	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
Methylcyclohexane	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
Methylene Chloride	<0.0116	U	0.0116	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
4-Methyl-2-pentanone (MIBK)	<0.0193	U	0.0193	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
Methyl tert-butyl ether	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
Styrene	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
1,1,2,2-Tetrachloroethane	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
Tetrachloroethene	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
Toluene	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
trans-1,2-Dichloroethene	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
trans-1,3-Dichloropropene	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
1,2,3-Trichlorobenzene	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
1,2,4-Trichlorobenzene	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
1,1,1-Trichloroethane	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
1,1,2-Trichloroethane	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
Trichloroethene	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
Trichlorofluoromethane	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
Vinyl chloride	<0.00387	U	0.00387	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B7 (A-F)

Lab Sample ID: 400-257981-7

Date Collected: 06/18/24 09:39

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 84.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00773	U	0.00773	mg/Kg	☼	06/26/24 09:34	06/26/24 17:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		67 - 130			06/26/24 09:34	06/26/24 17:04	1
Dibromofluoromethane	107		77 - 127			06/26/24 09:34	06/26/24 17:04	1
Toluene-d8 (Surr)	93		76 - 127			06/26/24 09:34	06/26/24 17:04	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Acenaphthylene	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Acetophenone	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Anthracene	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Atrazine	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Benzaldehyde	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Benzo[a]anthracene	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Benzo[a]pyrene	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Benzo[b]fluoranthene	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Benzo[g,h,i]perylene	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Benzo[k]fluoranthene	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
1,1'-Biphenyl	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Bis(2-chloroethoxy)methane	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Bis(2-chloroethyl)ether	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Bis(2-ethylhexyl) phthalate	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
4-Bromophenyl phenyl ether	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Butyl benzyl phthalate	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Caprolactam	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Carbazole	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
4-Chloroaniline	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
4-Chloro-3-methylphenol	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
2-Chloronaphthalene	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
2-Chlorophenol	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
4-Chlorophenyl phenyl ether	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Chrysene	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Dibenz(a,h)anthracene	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Dibenzofuran	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
3,3'-Dichlorobenzidine	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
2,4-Dichlorophenol	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Diethyl phthalate	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
2,4-Dimethylphenol	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Dimethyl phthalate	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Di-n-butyl phthalate	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
4,6-Dinitro-2-methylphenol	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
2,4-Dinitrophenol	<1.14	U	1.14	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
2,4-Dinitrotoluene	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
2,6-Dinitrotoluene	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Di-n-octyl phthalate	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Fluoranthene	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Fluorene	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Hexachlorobenzene	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B7 (A-F)

Lab Sample ID: 400-257981-7

Date Collected: 06/18/24 09:39

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 84.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Hexachlorocyclopentadiene	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Hexachloroethane	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Indeno[1,2,3-cd]pyrene	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Isophorone	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
2-Methylnaphthalene	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
2-Methylphenol	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
3 & 4 Methylphenol	<0.760	U	0.760	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Naphthalene	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
2-Nitroaniline	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
3-Nitroaniline	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
4-Nitroaniline	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Nitrobenzene	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
2-Nitrophenol	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
4-Nitrophenol	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
N-Nitrosodi-n-propylamine	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
n-Nitrosodiphenylamine(as diphenylamine)	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
2,2'-oxybis(1-chloropropane)	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Pentachlorophenol	<0.760	U	0.760	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Phenanthrene	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Phenol	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
Pyrene	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
2,4,5-Trichlorophenol	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1
2,4,6-Trichlorophenol	<0.380	U	0.380	mg/Kg	☼	06/25/24 11:36	06/27/24 20:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	70		27 - 127	06/25/24 11:36	06/27/24 20:35	1
2-Fluorophenol (Surr)	66		25 - 128	06/25/24 11:36	06/27/24 20:35	1
Nitrobenzene-d5 (Surr)	71		15 - 136	06/25/24 11:36	06/27/24 20:35	1
Phenol-d5 (Surr)	74		29 - 130	06/25/24 11:36	06/27/24 20:35	1
Terphenyl-d14 (Surr)	101		24 - 146	06/25/24 11:36	06/27/24 20:35	1
2,4,6-Tribromophenol (Surr)	63		10 - 150	06/25/24 11:36	06/27/24 20:35	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0200	U	0.0200	mg/Kg	☼	06/25/24 11:47	06/28/24 14:54	1
PCB-1221	<0.0200	U	0.0200	mg/Kg	☼	06/25/24 11:47	06/28/24 14:54	1
PCB-1232	<0.0200	U	0.0200	mg/Kg	☼	06/25/24 11:47	06/28/24 14:54	1
PCB-1242	<0.0200	U	0.0200	mg/Kg	☼	06/25/24 11:47	06/28/24 14:54	1
PCB-1248	<0.0200	U	0.0200	mg/Kg	☼	06/25/24 11:47	06/28/24 14:54	1
PCB-1254	<0.0200	U	0.0200	mg/Kg	☼	06/25/24 11:47	06/28/24 14:54	1
PCB-1260	<0.0200	U	0.0200	mg/Kg	☼	06/25/24 11:47	06/28/24 14:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	63		26 - 129	06/25/24 11:47	06/28/24 14:54	1
Tetrachloro-m-xylene	68		31 - 122	06/25/24 11:47	06/28/24 14:54	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	10.5		2.37	mg/Kg	☼	06/26/24 08:51	06/26/24 18:33	1

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Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B7 (A-F)

Lab Sample ID: 400-257981-7

Date Collected: 06/18/24 09:39

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 84.4

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	93.3		1.18	mg/Kg	☼	06/26/24 08:51	06/26/24 18:33	1
Cadmium	<0.592	U	0.592	mg/Kg	☼	06/26/24 08:51	06/26/24 18:33	1
Chromium	46.4		1.18	mg/Kg	☼	06/26/24 08:51	06/26/24 18:33	1
Silver	<1.18	U	1.18	mg/Kg	☼	06/26/24 08:51	06/26/24 18:33	1
Lead	36.0		1.18	mg/Kg	☼	06/26/24 08:51	06/26/24 18:33	1
Selenium	<2.96	U	2.96	mg/Kg	☼	06/26/24 08:51	06/26/24 18:33	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0698		0.0285	mg/Kg	☼	06/26/24 11:03	06/26/24 16:07	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	84.4		0.01	%			06/26/24 11:07	1
Percent Moisture (EPA Moisture)	15.6		0.01	%			06/26/24 11:07	1



Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B8 (A-D)

Lab Sample ID: 400-257981-8

Date Collected: 06/18/24 09:11

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 82.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0870		0.0198	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
Benzene	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
Bromoform	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
Bromomethane	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
2-Butanone (MEK)	<0.0198	U	0.0198	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
Carbon disulfide	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
Carbon tetrachloride	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
Chlorobenzene	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
Chlorobromomethane	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
Chlorodibromomethane	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
Chloroethane	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
Chloroform	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
Chloromethane	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
cis-1,2-Dichloroethene	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
cis-1,3-Dichloropropene	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
Cyclohexane	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
1,2-Dibromo-3-Chloropropane	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
1,2-Dichlorobenzene	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
1,3-Dichlorobenzene	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
1,4-Dichlorobenzene	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
Dichlorobromomethane	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
Dichlorodifluoromethane	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
1,1-Dichloroethane	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
1,2-Dichloroethane	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
1,1-Dichloroethene	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
1,2-Dichloropropane	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
Ethylbenzene	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
Ethylene Dibromide	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
2-Hexanone	<0.0198	U	0.0198	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
Isopropylbenzene	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
Methyl acetate	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
Methylcyclohexane	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
Methylene Chloride	<0.0119	U	0.0119	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
4-Methyl-2-pentanone (MIBK)	<0.0198	U	0.0198	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
Methyl tert-butyl ether	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
Styrene	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
1,1,2,2-Tetrachloroethane	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
Tetrachloroethene	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
Toluene	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
trans-1,2-Dichloroethene	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
trans-1,3-Dichloropropene	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
1,2,3-Trichlorobenzene	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
1,2,4-Trichlorobenzene	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
1,1,1-Trichloroethane	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
1,1,2-Trichloroethane	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
Trichloroethene	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
Trichlorofluoromethane	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
Vinyl chloride	<0.00397	U	0.00397	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B8 (A-D)

Lab Sample ID: 400-257981-8

Date Collected: 06/18/24 09:11

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 82.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00794	U	0.00794	mg/Kg	☼	06/26/24 09:34	06/26/24 17:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		67 - 130			06/26/24 09:34	06/26/24 17:31	1
Dibromofluoromethane	108		77 - 127			06/26/24 09:34	06/26/24 17:31	1
Toluene-d8 (Surr)	93		76 - 127			06/26/24 09:34	06/26/24 17:31	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Acenaphthylene	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Acetophenone	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Anthracene	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Atrazine	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Benzaldehyde	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Benzo[a]anthracene	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Benzo[a]pyrene	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Benzo[b]fluoranthene	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Benzo[g,h,i]perylene	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Benzo[k]fluoranthene	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
1,1'-Biphenyl	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Bis(2-chloroethoxy)methane	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Bis(2-chloroethyl)ether	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Bis(2-ethylhexyl) phthalate	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
4-Bromophenyl phenyl ether	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Butyl benzyl phthalate	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Caprolactam	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Carbazole	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
4-Chloroaniline	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
4-Chloro-3-methylphenol	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
2-Chloronaphthalene	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
2-Chlorophenol	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
4-Chlorophenyl phenyl ether	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Chrysene	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Dibenz(a,h)anthracene	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Dibenzofuran	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
3,3'-Dichlorobenzidine	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
2,4-Dichlorophenol	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Diethyl phthalate	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
2,4-Dimethylphenol	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Dimethyl phthalate	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Di-n-butyl phthalate	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
4,6-Dinitro-2-methylphenol	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
2,4-Dinitrophenol	<1.18	U	1.18	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
2,4-Dinitrotoluene	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
2,6-Dinitrotoluene	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Di-n-octyl phthalate	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Fluoranthene	0.394		0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Fluorene	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Hexachlorobenzene	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B8 (A-D)

Lab Sample ID: 400-257981-8

Date Collected: 06/18/24 09:11

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 82.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Hexachlorocyclopentadiene	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Hexachloroethane	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Indeno[1,2,3-cd]pyrene	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Isophorone	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
2-Methylnaphthalene	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
2-Methylphenol	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
3 & 4 Methylphenol	<0.785	U	0.785	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Naphthalene	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
2-Nitroaniline	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
3-Nitroaniline	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
4-Nitroaniline	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Nitrobenzene	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
2-Nitrophenol	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
4-Nitrophenol	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
N-Nitrosodi-n-propylamine	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
n-Nitrosodiphenylamine(as diphenylamine)	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
2,2'-oxybis(1-chloropropane)	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Pentachlorophenol	<0.785	U	0.785	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Phenanthrene	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Phenol	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
Pyrene	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
2,4,5-Trichlorophenol	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1
2,4,6-Trichlorophenol	<0.393	U	0.393	mg/Kg	☼	06/25/24 11:36	06/27/24 14:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	75		27 - 127	06/25/24 11:36	06/27/24 14:55	1
2-Fluorophenol (Surr)	48		25 - 128	06/25/24 11:36	06/27/24 14:55	1
Nitrobenzene-d5 (Surr)	81		15 - 136	06/25/24 11:36	06/27/24 14:55	1
Phenol-d5 (Surr)	59		29 - 130	06/25/24 11:36	06/27/24 14:55	1
Terphenyl-d14 (Surr)	110		24 - 146	06/25/24 11:36	06/27/24 14:55	1
2,4,6-Tribromophenol (Surr)	38		10 - 150	06/25/24 11:36	06/27/24 14:55	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0198	U	0.0198	mg/Kg	☼	06/25/24 11:47	06/28/24 15:07	1
PCB-1221	<0.0198	U	0.0198	mg/Kg	☼	06/25/24 11:47	06/28/24 15:07	1
PCB-1232	<0.0198	U	0.0198	mg/Kg	☼	06/25/24 11:47	06/28/24 15:07	1
PCB-1242	<0.0198	U	0.0198	mg/Kg	☼	06/25/24 11:47	06/28/24 15:07	1
PCB-1248	<0.0198	U	0.0198	mg/Kg	☼	06/25/24 11:47	06/28/24 15:07	1
PCB-1254	<0.0198	U	0.0198	mg/Kg	☼	06/25/24 11:47	06/28/24 15:07	1
PCB-1260	<0.0198	U	0.0198	mg/Kg	☼	06/25/24 11:47	06/28/24 15:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	98		26 - 129	06/25/24 11:47	06/28/24 15:07	1
Tetrachloro-m-xylene	90		31 - 122	06/25/24 11:47	06/28/24 15:07	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<11.8	U	11.8	mg/Kg	☼	06/26/24 08:51	06/27/24 10:34	5

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Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B8 (A-D)

Lab Sample ID: 400-257981-8

Date Collected: 06/18/24 09:11

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 82.9

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	158		5.91	mg/Kg	☼	06/26/24 08:51	06/27/24 10:34	5
Cadmium	<2.96	U	2.96	mg/Kg	☼	06/26/24 08:51	06/27/24 10:34	5
Chromium	45.0		5.91	mg/Kg	☼	06/26/24 08:51	06/27/24 10:34	5
Silver	<5.91	U	5.91	mg/Kg	☼	06/26/24 08:51	06/27/24 10:34	5
Lead	23.0		5.91	mg/Kg	☼	06/26/24 08:51	06/27/24 10:34	5
Selenium	<14.8	U	14.8	mg/Kg	☼	06/26/24 08:51	06/27/24 10:34	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0363		0.0284	mg/Kg	☼	06/26/24 11:03	06/26/24 16:14	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	82.9		0.01	%			06/26/24 11:07	1
Percent Moisture (EPA Moisture)	17.1		0.01	%			06/26/24 11:07	1



Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B11 (A-D)

Lab Sample ID: 400-257981-9

Date Collected: 06/18/24 13:48

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 83.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0666		0.0172	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
Benzene	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
Bromoform	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
Bromomethane	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
2-Butanone (MEK)	<0.0172	U	0.0172	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
Carbon disulfide	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
Carbon tetrachloride	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
Chlorobenzene	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
Chlorobromomethane	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
Chlorodibromomethane	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
Chloroethane	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
Chloroform	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
Chloromethane	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
cis-1,2-Dichloroethene	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
cis-1,3-Dichloropropene	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
Cyclohexane	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
1,2-Dibromo-3-Chloropropane	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
1,2-Dichlorobenzene	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
1,3-Dichlorobenzene	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
1,4-Dichlorobenzene	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
Dichlorobromomethane	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
Dichlorodifluoromethane	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
1,1-Dichloroethane	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
1,2-Dichloroethane	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
1,1-Dichloroethene	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
1,2-Dichloropropane	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
Ethylbenzene	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
Ethylene Dibromide	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
2-Hexanone	<0.0172	U	0.0172	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
Isopropylbenzene	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
Methyl acetate	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
Methylcyclohexane	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
Methylene Chloride	<0.0103	U	0.0103	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
4-Methyl-2-pentanone (MIBK)	<0.0172	U	0.0172	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
Methyl tert-butyl ether	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
Styrene	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
1,1,2,2-Tetrachloroethane	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
Tetrachloroethene	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
Toluene	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
trans-1,2-Dichloroethene	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
trans-1,3-Dichloropropene	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
1,2,3-Trichlorobenzene	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
1,2,4-Trichlorobenzene	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
1,1,1-Trichloroethane	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
1,1,2-Trichloroethane	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
Trichloroethene	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
Trichlorofluoromethane	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
Vinyl chloride	<0.00343	U	0.00343	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B11 (A-D)

Lab Sample ID: 400-257981-9

Date Collected: 06/18/24 13:48

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 83.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00686	U	0.00686	mg/Kg	☼	06/26/24 09:34	06/26/24 17:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		67 - 130			06/26/24 09:34	06/26/24 17:58	1
Dibromofluoromethane	108		77 - 127			06/26/24 09:34	06/26/24 17:58	1
Toluene-d8 (Surr)	94		76 - 127			06/26/24 09:34	06/26/24 17:58	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Acenaphthylene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Acetophenone	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Anthracene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Atrazine	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Benzaldehyde	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Benzo[a]anthracene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Benzo[a]pyrene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Benzo[b]fluoranthene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Benzo[g,h,i]perylene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Benzo[k]fluoranthene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
1,1'-Biphenyl	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Bis(2-chloroethoxy)methane	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Bis(2-chloroethyl)ether	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Bis(2-ethylhexyl) phthalate	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
4-Bromophenyl phenyl ether	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Butyl benzyl phthalate	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Caprolactam	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Carbazole	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
4-Chloroaniline	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
4-Chloro-3-methylphenol	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
2-Chloronaphthalene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
2-Chlorophenol	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
4-Chlorophenyl phenyl ether	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Chrysene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Dibenz(a,h)anthracene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Dibenzofuran	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
3,3'-Dichlorobenzidine	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
2,4-Dichlorophenol	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Diethyl phthalate	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
2,4-Dimethylphenol	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Dimethyl phthalate	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Di-n-butyl phthalate	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
4,6-Dinitro-2-methylphenol	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
2,4-Dinitrophenol	<1.15	U	1.15	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
2,4-Dinitrotoluene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
2,6-Dinitrotoluene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Di-n-octyl phthalate	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Fluoranthene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Fluorene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Hexachlorobenzene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B11 (A-D)

Lab Sample ID: 400-257981-9

Date Collected: 06/18/24 13:48

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 83.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Hexachlorocyclopentadiene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Hexachloroethane	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Indeno[1,2,3-cd]pyrene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Isophorone	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
2-Methylnaphthalene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
2-Methylphenol	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
3 & 4 Methylphenol	<0.765	U	0.765	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Naphthalene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
2-Nitroaniline	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
3-Nitroaniline	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
4-Nitroaniline	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Nitrobenzene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
2-Nitrophenol	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
4-Nitrophenol	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
N-Nitrosodi-n-propylamine	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
n-Nitrosodiphenylamine(as diphenylamine)	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
2,2'-oxybis(1-chloropropane)	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Pentachlorophenol	<0.765	U	0.765	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Phenanthrene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Phenol	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
Pyrene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
2,4,5-Trichlorophenol	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1
2,4,6-Trichlorophenol	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 15:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	57		27 - 127	06/25/24 11:36	06/27/24 15:21	1
2-Fluorophenol (Surr)	39		25 - 128	06/25/24 11:36	06/27/24 15:21	1
Nitrobenzene-d5 (Surr)	55		15 - 136	06/25/24 11:36	06/27/24 15:21	1
Phenol-d5 (Surr)	47		29 - 130	06/25/24 11:36	06/27/24 15:21	1
Terphenyl-d14 (Surr)	86		24 - 146	06/25/24 11:36	06/27/24 15:21	1
2,4,6-Tribromophenol (Surr)	29		10 - 150	06/25/24 11:36	06/27/24 15:21	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0198	U	0.0198	mg/Kg	☼	06/25/24 11:47	06/28/24 15:20	1
PCB-1221	<0.0198	U	0.0198	mg/Kg	☼	06/25/24 11:47	06/28/24 15:20	1
PCB-1232	<0.0198	U	0.0198	mg/Kg	☼	06/25/24 11:47	06/28/24 15:20	1
PCB-1242	<0.0198	U	0.0198	mg/Kg	☼	06/25/24 11:47	06/28/24 15:20	1
PCB-1248	<0.0198	U	0.0198	mg/Kg	☼	06/25/24 11:47	06/28/24 15:20	1
PCB-1254	<0.0198	U	0.0198	mg/Kg	☼	06/25/24 11:47	06/28/24 15:20	1
PCB-1260	<0.0198	U	0.0198	mg/Kg	☼	06/25/24 11:47	06/28/24 15:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	86		26 - 129	06/25/24 11:47	06/28/24 15:20	1
Tetrachloro-m-xylene	60		31 - 122	06/25/24 11:47	06/28/24 15:20	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.53		2.29	mg/Kg	☼	06/26/24 08:51	06/26/24 18:38	1

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Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B11 (A-D)

Lab Sample ID: 400-257981-9

Date Collected: 06/18/24 13:48

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 83.8

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	70.6		1.15	mg/Kg	☼	06/26/24 08:51	06/26/24 18:38	1
Cadmium	<0.574	U	0.574	mg/Kg	☼	06/26/24 08:51	06/26/24 18:38	1
Chromium	47.1		1.15	mg/Kg	☼	06/26/24 08:51	06/26/24 18:38	1
Silver	<1.15	U	1.15	mg/Kg	☼	06/26/24 08:51	06/26/24 18:38	1
Lead	21.3		1.15	mg/Kg	☼	06/26/24 08:51	06/26/24 18:38	1
Selenium	<2.87	U	2.87	mg/Kg	☼	06/26/24 08:51	06/26/24 18:38	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0981		0.0271	mg/Kg	☼	06/26/24 11:03	06/26/24 16:16	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	83.8		0.01	%			06/26/24 11:07	1
Percent Moisture (EPA Moisture)	16.2		0.01	%			06/26/24 11:07	1



Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B12 (A-D)

Lab Sample ID: 400-257981-10

Date Collected: 06/18/24 14:03

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 81.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0861		0.0208	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
Benzene	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
Bromoform	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
Bromomethane	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
2-Butanone (MEK)	<0.0208	U	0.0208	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
Carbon disulfide	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
Carbon tetrachloride	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
Chlorobenzene	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
Chlorobromomethane	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
Chlorodibromomethane	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
Chloroethane	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
Chloroform	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
Chloromethane	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
cis-1,2-Dichloroethene	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
cis-1,3-Dichloropropene	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
Cyclohexane	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
1,2-Dibromo-3-Chloropropane	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
1,2-Dichlorobenzene	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
1,3-Dichlorobenzene	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
1,4-Dichlorobenzene	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
Dichlorobromomethane	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
Dichlorodifluoromethane	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
1,1-Dichloroethane	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
1,2-Dichloroethane	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
1,1-Dichloroethene	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
1,2-Dichloropropane	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
Ethylbenzene	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
Ethylene Dibromide	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
2-Hexanone	<0.0208	U	0.0208	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
Isopropylbenzene	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
Methyl acetate	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
Methylcyclohexane	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
Methylene Chloride	<0.0125	U	0.0125	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
4-Methyl-2-pentanone (MIBK)	<0.0208	U	0.0208	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
Methyl tert-butyl ether	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
Styrene	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
1,1,1,2-Tetrachloroethane	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
Tetrachloroethene	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
Toluene	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
trans-1,2-Dichloroethene	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
trans-1,3-Dichloropropene	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
1,2,3-Trichlorobenzene	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
1,2,4-Trichlorobenzene	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
1,1,1-Trichloroethane	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
1,1,2-Trichloroethane	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
Trichloroethene	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
Trichlorofluoromethane	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
Vinyl chloride	<0.00416	U	0.00416	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B12 (A-D)

Lab Sample ID: 400-257981-10

Date Collected: 06/18/24 14:03

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 81.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00833	U	0.00833	mg/Kg	☼	06/26/24 09:34	06/26/24 18:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		67 - 130			06/26/24 09:34	06/26/24 18:25	1
Dibromofluoromethane	106		77 - 127			06/26/24 09:34	06/26/24 18:25	1
Toluene-d8 (Surr)	94		76 - 127			06/26/24 09:34	06/26/24 18:25	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Acenaphthylene	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Acetophenone	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Anthracene	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Atrazine	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Benzaldehyde	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Benzo[a]anthracene	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Benzo[a]pyrene	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Benzo[b]fluoranthene	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Benzo[g,h,i]perylene	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Benzo[k]fluoranthene	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
1,1'-Biphenyl	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Bis(2-chloroethoxy)methane	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Bis(2-chloroethyl)ether	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Bis(2-ethylhexyl) phthalate	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
4-Bromophenyl phenyl ether	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Butyl benzyl phthalate	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Caprolactam	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Carbazole	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
4-Chloroaniline	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
4-Chloro-3-methylphenol	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
2-Chloronaphthalene	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
2-Chlorophenol	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
4-Chlorophenyl phenyl ether	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Chrysene	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Dibenz(a,h)anthracene	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Dibenzofuran	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
3,3'-Dichlorobenzidine	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
2,4-Dichlorophenol	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Diethyl phthalate	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
2,4-Dimethylphenol	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Dimethyl phthalate	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Di-n-butyl phthalate	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
4,6-Dinitro-2-methylphenol	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
2,4-Dinitrophenol	<1.15	U	1.15	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
2,4-Dinitrotoluene	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
2,6-Dinitrotoluene	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Di-n-octyl phthalate	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Fluoranthene	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Fluorene	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Hexachlorobenzene	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B12 (A-D)

Lab Sample ID: 400-257981-10

Date Collected: 06/18/24 14:03

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 81.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Hexachlorocyclopentadiene	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Hexachloroethane	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Indeno[1,2,3-cd]pyrene	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Isophorone	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
2-Methylnaphthalene	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
2-Methylphenol	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
3 & 4 Methylphenol	<0.767	U	0.767	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Naphthalene	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
2-Nitroaniline	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
3-Nitroaniline	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
4-Nitroaniline	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Nitrobenzene	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
2-Nitrophenol	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
4-Nitrophenol	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
N-Nitrosodi-n-propylamine	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
n-Nitrosodiphenylamine(as diphenylamine)	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
2,2'-oxybis(1-chloropropane)	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Pentachlorophenol	<0.767	U	0.767	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Phenanthrene	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Phenol	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
Pyrene	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
2,4,5-Trichlorophenol	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1
2,4,6-Trichlorophenol	<0.383	U	0.383	mg/Kg	☼	06/25/24 11:36	06/27/24 15:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	70		27 - 127	06/25/24 11:36	06/27/24 15:47	1
2-Fluorophenol (Surr)	49		25 - 128	06/25/24 11:36	06/27/24 15:47	1
Nitrobenzene-d5 (Surr)	72		15 - 136	06/25/24 11:36	06/27/24 15:47	1
Phenol-d5 (Surr)	60		29 - 130	06/25/24 11:36	06/27/24 15:47	1
Terphenyl-d14 (Surr)	108		24 - 146	06/25/24 11:36	06/27/24 15:47	1
2,4,6-Tribromophenol (Surr)	52		10 - 150	06/25/24 11:36	06/27/24 15:47	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0202	U	0.0202	mg/Kg	☼	06/25/24 11:47	06/28/24 15:33	1
PCB-1221	<0.0202	U	0.0202	mg/Kg	☼	06/25/24 11:47	06/28/24 15:33	1
PCB-1232	<0.0202	U	0.0202	mg/Kg	☼	06/25/24 11:47	06/28/24 15:33	1
PCB-1242	<0.0202	U	0.0202	mg/Kg	☼	06/25/24 11:47	06/28/24 15:33	1
PCB-1248	<0.0202	U	0.0202	mg/Kg	☼	06/25/24 11:47	06/28/24 15:33	1
PCB-1254	<0.0202	U	0.0202	mg/Kg	☼	06/25/24 11:47	06/28/24 15:33	1
PCB-1260	<0.0202	U	0.0202	mg/Kg	☼	06/25/24 11:47	06/28/24 15:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	57		26 - 129	06/25/24 11:47	06/28/24 15:33	1
Tetrachloro-m-xylene	61		31 - 122	06/25/24 11:47	06/28/24 15:33	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.13		2.35	mg/Kg	☼	06/26/24 10:02	06/26/24 17:01	1

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Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B12 (A-D)

Lab Sample ID: 400-257981-10

Date Collected: 06/18/24 14:03

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 81.8

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	61.7		1.18	mg/Kg	☼	06/26/24 10:02	06/26/24 17:01	1
Cadmium	<0.588	U	0.588	mg/Kg	☼	06/26/24 10:02	06/26/24 17:01	1
Chromium	54.6		1.18	mg/Kg	☼	06/26/24 10:02	06/26/24 17:01	1
Silver	<1.18	U	1.18	mg/Kg	☼	06/26/24 10:02	06/26/24 17:01	1
Lead	21.4		1.18	mg/Kg	☼	06/26/24 10:02	06/26/24 17:01	1
Selenium	<2.94	U F1	2.94	mg/Kg	☼	06/26/24 10:02	06/26/24 17:01	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0736		0.0300	mg/Kg	☼	06/26/24 11:03	06/26/24 16:18	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	81.8		0.01	%			06/26/24 11:07	1
Percent Moisture (EPA Moisture)	18.2		0.01	%			06/26/24 11:07	1



Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B13 (A-D)

Lab Sample ID: 400-257981-11

Date Collected: 06/18/24 14:24

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 83.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0872		0.0192	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
Benzene	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
Bromoform	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
Bromomethane	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
2-Butanone (MEK)	<0.0192	U	0.0192	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
Carbon disulfide	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
Carbon tetrachloride	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
Chlorobenzene	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
Chlorobromomethane	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
Chlorodibromomethane	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
Chloroethane	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
Chloroform	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
Chloromethane	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
cis-1,2-Dichloroethene	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
cis-1,3-Dichloropropene	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
Cyclohexane	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
1,2-Dibromo-3-Chloropropane	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
1,2-Dichlorobenzene	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
1,3-Dichlorobenzene	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
1,4-Dichlorobenzene	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
Dichlorobromomethane	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
Dichlorodifluoromethane	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
1,1-Dichloroethane	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
1,2-Dichloroethane	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
1,1,1-Dichloroethene	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
1,2-Dichloropropane	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
Ethylbenzene	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
Ethylene Dibromide	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
2-Hexanone	<0.0192	U	0.0192	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
Isopropylbenzene	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
Methyl acetate	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
Methylcyclohexane	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
Methylene Chloride	<0.0115	U	0.0115	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
4-Methyl-2-pentanone (MIBK)	<0.0192	U	0.0192	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
Methyl tert-butyl ether	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
Styrene	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
1,1,1,2-Tetrachloroethane	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
Tetrachloroethene	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
Toluene	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
trans-1,2-Dichloroethene	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
trans-1,3-Dichloropropene	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
1,2,3-Trichlorobenzene	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
1,2,4-Trichlorobenzene	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
1,1,1-Trichloroethane	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
1,1,2-Trichloroethane	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
Trichloroethene	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
Trichlorofluoromethane	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
Vinyl chloride	<0.00385	U	0.00385	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1

Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B13 (A-D)

Lab Sample ID: 400-257981-11

Date Collected: 06/18/24 14:24

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 83.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00769	U	0.00769	mg/Kg	☼	06/26/24 09:34	06/26/24 18:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		67 - 130			06/26/24 09:34	06/26/24 18:52	1
Dibromofluoromethane	107		77 - 127			06/26/24 09:34	06/26/24 18:52	1
Toluene-d8 (Surr)	94		76 - 127			06/26/24 09:34	06/26/24 18:52	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Acenaphthylene	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Acetophenone	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Anthracene	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Atrazine	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Benzaldehyde	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Benzo[a]anthracene	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Benzo[a]pyrene	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Benzo[b]fluoranthene	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Benzo[g,h,i]perylene	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Benzo[k]fluoranthene	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
1,1'-Biphenyl	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Bis(2-chloroethoxy)methane	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Bis(2-chloroethyl)ether	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Bis(2-ethylhexyl) phthalate	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
4-Bromophenyl phenyl ether	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Butyl benzyl phthalate	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Caprolactam	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Carbazole	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
4-Chloroaniline	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
4-Chloro-3-methylphenol	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
2-Chloronaphthalene	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
2-Chlorophenol	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
4-Chlorophenyl phenyl ether	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Chrysene	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Dibenz(a,h)anthracene	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Dibenzofuran	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
3,3'-Dichlorobenzidine	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
2,4-Dichlorophenol	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Diethyl phthalate	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
2,4-Dimethylphenol	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Dimethyl phthalate	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Di-n-butyl phthalate	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
4,6-Dinitro-2-methylphenol	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
2,4-Dinitrophenol	<1.14	U	1.14	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
2,4-Dinitrotoluene	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
2,6-Dinitrotoluene	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Di-n-octyl phthalate	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Fluoranthene	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Fluorene	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Hexachlorobenzene	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B13 (A-D)

Lab Sample ID: 400-257981-11

Date Collected: 06/18/24 14:24

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 83.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Hexachlorocyclopentadiene	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Hexachloroethane	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Indeno[1,2,3-cd]pyrene	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Isophorone	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
2-Methylnaphthalene	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
2-Methylphenol	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
3 & 4 Methylphenol	<0.757	U	0.757	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Naphthalene	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
2-Nitroaniline	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
3-Nitroaniline	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
4-Nitroaniline	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Nitrobenzene	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
2-Nitrophenol	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
4-Nitrophenol	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
N-Nitrosodi-n-propylamine	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
n-Nitrosodiphenylamine(as diphenylamine)	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
2,2'-oxybis(1-chloropropane)	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Pentachlorophenol	<0.757	U	0.757	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Phenanthrene	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Phenol	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
Pyrene	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
2,4,5-Trichlorophenol	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1
2,4,6-Trichlorophenol	<0.379	U	0.379	mg/Kg	☼	06/25/24 11:36	06/27/24 16:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	69		27 - 127	06/25/24 11:36	06/27/24 16:13	1
2-Fluorophenol (Surr)	46		25 - 128	06/25/24 11:36	06/27/24 16:13	1
Nitrobenzene-d5 (Surr)	67		15 - 136	06/25/24 11:36	06/27/24 16:13	1
Phenol-d5 (Surr)	55		29 - 130	06/25/24 11:36	06/27/24 16:13	1
Terphenyl-d14 (Surr)	111		24 - 146	06/25/24 11:36	06/27/24 16:13	1
2,4,6-Tribromophenol (Surr)	63		10 - 150	06/25/24 11:36	06/27/24 16:13	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.101	U	0.101	mg/Kg	☼	06/25/24 11:47	06/28/24 13:24	5
PCB-1221	<0.101	U	0.101	mg/Kg	☼	06/25/24 11:47	06/28/24 13:24	5
PCB-1232	<0.101	U	0.101	mg/Kg	☼	06/25/24 11:47	06/28/24 13:24	5
PCB-1242	<0.101	U	0.101	mg/Kg	☼	06/25/24 11:47	06/28/24 13:24	5
PCB-1248	<0.101	U	0.101	mg/Kg	☼	06/25/24 11:47	06/28/24 13:24	5
PCB-1254	<0.101	U	0.101	mg/Kg	☼	06/25/24 11:47	06/28/24 13:24	5
PCB-1260	<0.101	U	0.101	mg/Kg	☼	06/25/24 11:47	06/28/24 13:24	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	69		26 - 129	06/25/24 11:47	06/28/24 13:24	5
Tetrachloro-m-xylene	69		31 - 122	06/25/24 11:47	06/28/24 13:24	5

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.78		2.21	mg/Kg	☼	06/26/24 10:02	06/26/24 17:08	1

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Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B13 (A-D)

Lab Sample ID: 400-257981-11

Date Collected: 06/18/24 14:24

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 83.9

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	93.0		1.10	mg/Kg	☼	06/26/24 10:02	06/26/24 17:08	1
Cadmium	<0.552	U	0.552	mg/Kg	☼	06/26/24 10:02	06/26/24 17:08	1
Chromium	37.7		1.10	mg/Kg	☼	06/26/24 10:02	06/26/24 17:08	1
Silver	<1.10	U	1.10	mg/Kg	☼	06/26/24 10:02	06/26/24 17:08	1
Lead	19.0		1.10	mg/Kg	☼	06/26/24 10:02	06/26/24 17:08	1
Selenium	<2.76	U	2.76	mg/Kg	☼	06/26/24 10:02	06/26/24 17:08	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0467		0.0292	mg/Kg	☼	06/26/24 11:03	06/26/24 16:20	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	83.9		0.01	%			06/26/24 11:07	1
Percent Moisture (EPA Moisture)	16.1		0.01	%			06/26/24 11:07	1



Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B15 (A-D)

Lab Sample ID: 400-257981-12

Date Collected: 06/18/24 13:14

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 79.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0483		0.0203	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
Benzene	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
Bromoform	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
Bromomethane	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
2-Butanone (MEK)	<0.0203	U	0.0203	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
Carbon disulfide	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
Carbon tetrachloride	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
Chlorobenzene	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
Chlorobromomethane	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
Chlorodibromomethane	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
Chloroethane	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
Chloroform	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
Chloromethane	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
cis-1,2-Dichloroethene	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
cis-1,3-Dichloropropene	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
Cyclohexane	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
1,2-Dibromo-3-Chloropropane	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
1,2-Dichlorobenzene	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
1,3-Dichlorobenzene	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
1,4-Dichlorobenzene	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
Dichlorobromomethane	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
Dichlorodifluoromethane	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
1,1-Dichloroethane	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
1,2-Dichloroethane	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
1,1-Dichloroethene	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
1,2-Dichloropropane	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
Ethylbenzene	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
Ethylene Dibromide	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
2-Hexanone	<0.0203	U	0.0203	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
Isopropylbenzene	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
Methyl acetate	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
Methylcyclohexane	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
Methylene Chloride	<0.0122	U	0.0122	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
4-Methyl-2-pentanone (MIBK)	<0.0203	U	0.0203	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
Methyl tert-butyl ether	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
Styrene	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
1,1,2,2-Tetrachloroethane	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
Tetrachloroethene	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
Toluene	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
trans-1,2-Dichloroethene	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
trans-1,3-Dichloropropene	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
1,2,3-Trichlorobenzene	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
1,2,4-Trichlorobenzene	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
1,1,1-Trichloroethane	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
1,1,2-Trichloroethane	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
Trichloroethene	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
Trichlorofluoromethane	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
Vinyl chloride	<0.00406	U	0.00406	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B15 (A-D)

Lab Sample ID: 400-257981-12

Date Collected: 06/18/24 13:14

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 79.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00812	U	0.00812	mg/Kg	☼	06/26/24 09:34	06/26/24 19:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		67 - 130			06/26/24 09:34	06/26/24 19:18	1
Dibromofluoromethane	110		77 - 127			06/26/24 09:34	06/26/24 19:18	1
Toluene-d8 (Surr)	94		76 - 127			06/26/24 09:34	06/26/24 19:18	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Acenaphthylene	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Acetophenone	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Anthracene	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Atrazine	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Benzaldehyde	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Benzo[a]anthracene	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Benzo[a]pyrene	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Benzo[b]fluoranthene	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Benzo[g,h,i]perylene	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Benzo[k]fluoranthene	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
1,1'-Biphenyl	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Bis(2-chloroethoxy)methane	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Bis(2-chloroethyl)ether	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Bis(2-ethylhexyl) phthalate	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
4-Bromophenyl phenyl ether	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Butyl benzyl phthalate	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Caprolactam	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Carbazole	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
4-Chloroaniline	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
4-Chloro-3-methylphenol	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
2-Chloronaphthalene	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
2-Chlorophenol	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
4-Chlorophenyl phenyl ether	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Chrysene	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Dibenz(a,h)anthracene	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Dibenzofuran	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
3,3'-Dichlorobenzidine	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
2,4-Dichlorophenol	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Diethyl phthalate	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
2,4-Dimethylphenol	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Dimethyl phthalate	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Di-n-butyl phthalate	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
4,6-Dinitro-2-methylphenol	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
2,4-Dinitrophenol	<1.21	U	1.21	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
2,4-Dinitrotoluene	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
2,6-Dinitrotoluene	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Di-n-octyl phthalate	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Fluoranthene	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Fluorene	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Hexachlorobenzene	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B15 (A-D)

Lab Sample ID: 400-257981-12

Date Collected: 06/18/24 13:14

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 79.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Hexachlorocyclopentadiene	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Hexachloroethane	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Indeno[1,2,3-cd]pyrene	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Isophorone	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
2-Methylnaphthalene	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
2-Methylphenol	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
3 & 4 Methylphenol	<0.806	U	0.806	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Naphthalene	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
2-Nitroaniline	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
3-Nitroaniline	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
4-Nitroaniline	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Nitrobenzene	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
2-Nitrophenol	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
4-Nitrophenol	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
N-Nitrosodi-n-propylamine	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
n-Nitrosodiphenylamine(as diphenylamine)	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
2,2'-oxybis(1-chloropropane)	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Pentachlorophenol	<0.806	U	0.806	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Phenanthrene	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Phenol	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
Pyrene	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
2,4,5-Trichlorophenol	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1
2,4,6-Trichlorophenol	<0.403	U	0.403	mg/Kg	☼	06/25/24 11:36	06/27/24 20:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	66		27 - 127	06/25/24 11:36	06/27/24 20:58	1
2-Fluorophenol (Surr)	69		25 - 128	06/25/24 11:36	06/27/24 20:58	1
Nitrobenzene-d5 (Surr)	53		15 - 136	06/25/24 11:36	06/27/24 20:58	1
Phenol-d5 (Surr)	75		29 - 130	06/25/24 11:36	06/27/24 20:58	1
Terphenyl-d14 (Surr)	93		24 - 146	06/25/24 11:36	06/27/24 20:58	1
2,4,6-Tribromophenol (Surr)	69		10 - 150	06/25/24 11:36	06/27/24 20:58	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.105	U	0.105	mg/Kg	☼	06/25/24 11:47	06/28/24 15:46	5
PCB-1221	<0.105	U	0.105	mg/Kg	☼	06/25/24 11:47	06/28/24 15:46	5
PCB-1232	<0.105	U	0.105	mg/Kg	☼	06/25/24 11:47	06/28/24 15:46	5
PCB-1242	<0.105	U	0.105	mg/Kg	☼	06/25/24 11:47	06/28/24 15:46	5
PCB-1248	<0.105	U	0.105	mg/Kg	☼	06/25/24 11:47	06/28/24 15:46	5
PCB-1254	<0.105	U	0.105	mg/Kg	☼	06/25/24 11:47	06/28/24 15:46	5
PCB-1260	<0.105	U	0.105	mg/Kg	☼	06/25/24 11:47	06/28/24 15:46	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	73		26 - 129	06/25/24 11:47	06/28/24 15:46	5
Tetrachloro-m-xylene	88		31 - 122	06/25/24 11:47	06/28/24 15:46	5

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12.3		2.51	mg/Kg	☼	06/26/24 10:02	06/26/24 17:11	1

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Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B15 (A-D)

Lab Sample ID: 400-257981-12

Date Collected: 06/18/24 13:14

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 79.7

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	54.7		1.25	mg/Kg	☼	06/26/24 10:02	06/26/24 17:11	1
Cadmium	<0.627	U	0.627	mg/Kg	☼	06/26/24 10:02	06/26/24 17:11	1
Chromium	114		1.25	mg/Kg	☼	06/26/24 10:02	06/26/24 17:11	1
Silver	<1.25	U	1.25	mg/Kg	☼	06/26/24 10:02	06/26/24 17:11	1
Lead	31.1		1.25	mg/Kg	☼	06/26/24 10:02	06/26/24 17:11	1
Selenium	<3.14	U	3.14	mg/Kg	☼	06/26/24 10:02	06/26/24 17:11	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.108		0.0280	mg/Kg	☼	06/26/24 13:06	06/26/24 17:08	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	79.7		0.01	%			06/26/24 11:07	1
Percent Moisture (EPA Moisture)	20.3		0.01	%			06/26/24 11:07	1



Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B16 (A-D)

Lab Sample ID: 400-257981-13

Date Collected: 06/18/24 12:59

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 80.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0378		0.0208	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
Benzene	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
Bromoform	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
Bromomethane	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
2-Butanone (MEK)	<0.0208	U	0.0208	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
Carbon disulfide	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
Carbon tetrachloride	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
Chlorobenzene	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
Chlorobromomethane	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
Chlorodibromomethane	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
Chloroethane	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
Chloroform	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
Chloromethane	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
cis-1,2-Dichloroethene	0.0323		0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
cis-1,3-Dichloropropene	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
Cyclohexane	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
1,2-Dibromo-3-Chloropropane	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
1,2-Dichlorobenzene	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
1,3-Dichlorobenzene	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
1,4-Dichlorobenzene	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
Dichlorobromomethane	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
Dichlorodifluoromethane	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
1,1-Dichloroethane	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
1,2-Dichloroethane	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
1,1-Dichloroethene	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
1,2-Dichloropropane	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
Ethylbenzene	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
Ethylene Dibromide	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
2-Hexanone	<0.0208	U	0.0208	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
Isopropylbenzene	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
Methyl acetate	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
Methylcyclohexane	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
Methylene Chloride	<0.0125	U	0.0125	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
4-Methyl-2-pentanone (MIBK)	<0.0208	U	0.0208	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
Methyl tert-butyl ether	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
Styrene	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
1,1,2,2-Tetrachloroethane	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
Tetrachloroethene	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
Toluene	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
trans-1,2-Dichloroethene	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
trans-1,3-Dichloropropene	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
1,2,3-Trichlorobenzene	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
1,2,4-Trichlorobenzene	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
1,1,1-Trichloroethane	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
1,1,2-Trichloroethane	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
Trichloroethene	0.0203		0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
Trichlorofluoromethane	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
Vinyl chloride	<0.00415	U	0.00415	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B16 (A-D)

Lab Sample ID: 400-257981-13

Date Collected: 06/18/24 12:59

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 80.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00831	U	0.00831	mg/Kg	☼	06/26/24 09:34	06/26/24 13:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		67 - 130			06/26/24 09:34	06/26/24 13:27	1
Dibromofluoromethane	108		77 - 127			06/26/24 09:34	06/26/24 13:27	1
Toluene-d8 (Surr)	94		76 - 127			06/26/24 09:34	06/26/24 13:27	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Acenaphthylene	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Acetophenone	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Anthracene	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Atrazine	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Benzaldehyde	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Benzo[a]anthracene	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Benzo[a]pyrene	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Benzo[b]fluoranthene	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Benzo[g,h,i]perylene	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Benzo[k]fluoranthene	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
1,1'-Biphenyl	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Bis(2-chloroethoxy)methane	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Bis(2-chloroethyl)ether	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Bis(2-ethylhexyl) phthalate	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
4-Bromophenyl phenyl ether	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Butyl benzyl phthalate	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Caprolactam	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Carbazole	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
4-Chloroaniline	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
4-Chloro-3-methylphenol	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
2-Chloronaphthalene	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
2-Chlorophenol	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
4-Chlorophenyl phenyl ether	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Chrysene	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Dibenz(a,h)anthracene	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Dibenzofuran	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
3,3'-Dichlorobenzidine	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
2,4-Dichlorophenol	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Diethyl phthalate	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
2,4-Dimethylphenol	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Dimethyl phthalate	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Di-n-butyl phthalate	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
4,6-Dinitro-2-methylphenol	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
2,4-Dinitrophenol	<1.22	U	1.22	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
2,4-Dinitrotoluene	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
2,6-Dinitrotoluene	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Di-n-octyl phthalate	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Fluoranthene	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Fluorene	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Hexachlorobenzene	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B16 (A-D)

Lab Sample ID: 400-257981-13

Date Collected: 06/18/24 12:59

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 80.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Hexachlorocyclopentadiene	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Hexachloroethane	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Indeno[1,2,3-cd]pyrene	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Isophorone	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
2-Methylnaphthalene	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
2-Methylphenol	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
3 & 4 Methylphenol	<0.810	U	0.810	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Naphthalene	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
2-Nitroaniline	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
3-Nitroaniline	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
4-Nitroaniline	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Nitrobenzene	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
2-Nitrophenol	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
4-Nitrophenol	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
N-Nitrosodi-n-propylamine	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
n-Nitrosodiphenylamine(as diphenylamine)	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
2,2'-oxybis(1-chloropropane)	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Pentachlorophenol	<0.810	U	0.810	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Phenanthrene	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Phenol	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
Pyrene	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
2,4,5-Trichlorophenol	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1
2,4,6-Trichlorophenol	<0.405	U	0.405	mg/Kg	☼	06/25/24 11:36	06/27/24 21:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	63		27 - 127	06/25/24 11:36	06/27/24 21:20	1
2-Fluorophenol (Surr)	63		25 - 128	06/25/24 11:36	06/27/24 21:20	1
Nitrobenzene-d5 (Surr)	64		15 - 136	06/25/24 11:36	06/27/24 21:20	1
Phenol-d5 (Surr)	67		29 - 130	06/25/24 11:36	06/27/24 21:20	1
Terphenyl-d14 (Surr)	90		24 - 146	06/25/24 11:36	06/27/24 21:20	1
2,4,6-Tribromophenol (Surr)	63		10 - 150	06/25/24 11:36	06/27/24 21:20	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.103	U	0.103	mg/Kg	☼	06/25/24 11:47	06/27/24 18:21	5
PCB-1221	<0.103	U	0.103	mg/Kg	☼	06/25/24 11:47	06/27/24 18:21	5
PCB-1232	<0.103	U	0.103	mg/Kg	☼	06/25/24 11:47	06/27/24 18:21	5
PCB-1242	<0.103	U	0.103	mg/Kg	☼	06/25/24 11:47	06/27/24 18:21	5
PCB-1248	<0.103	U	0.103	mg/Kg	☼	06/25/24 11:47	06/27/24 18:21	5
PCB-1254	<0.103	U	0.103	mg/Kg	☼	06/25/24 11:47	06/27/24 18:21	5
PCB-1260	<0.103	U	0.103	mg/Kg	☼	06/25/24 11:47	06/27/24 18:21	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	74		26 - 129	06/25/24 11:47	06/27/24 18:21	5
Tetrachloro-m-xylene	69		31 - 122	06/25/24 11:47	06/27/24 18:21	5

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	13.8		2.39	mg/Kg	☼	06/26/24 10:02	06/26/24 17:13	1

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Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B16 (A-D)

Lab Sample ID: 400-257981-13

Date Collected: 06/18/24 12:59

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 80.5

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	42.1		1.19	mg/Kg	☼	06/26/24 10:02	06/26/24 17:13	1
Cadmium	<0.597	U	0.597	mg/Kg	☼	06/26/24 10:02	06/26/24 17:13	1
Chromium	222		1.19	mg/Kg	☼	06/26/24 10:02	06/26/24 17:13	1
Silver	<1.19	U	1.19	mg/Kg	☼	06/26/24 10:02	06/26/24 17:13	1
Lead	19.9		1.19	mg/Kg	☼	06/26/24 10:02	06/26/24 17:13	1
Selenium	<2.99	U	2.99	mg/Kg	☼	06/26/24 10:02	06/26/24 17:13	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.100		0.0311	mg/Kg	☼	06/26/24 13:06	06/26/24 17:14	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	80.5		0.01	%			06/26/24 11:07	1
Percent Moisture (EPA Moisture)	19.5		0.01	%			06/26/24 11:07	1



Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B17 (A-D)

Lab Sample ID: 400-257981-14

Date Collected: 06/18/24 15:31

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 84.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0335		0.0165	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
Benzene	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
Bromoform	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
Bromomethane	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
2-Butanone (MEK)	<0.0165	U	0.0165	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
Carbon disulfide	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
Carbon tetrachloride	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
Chlorobenzene	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
Chlorobromomethane	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
Chlorodibromomethane	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
Chloroethane	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
Chloroform	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
Chloromethane	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
cis-1,2-Dichloroethene	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
cis-1,3-Dichloropropene	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
Cyclohexane	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
1,2-Dibromo-3-Chloropropane	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
1,2-Dichlorobenzene	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
1,3-Dichlorobenzene	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
1,4-Dichlorobenzene	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
Dichlorobromomethane	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
Dichlorodifluoromethane	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
1,1-Dichloroethane	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
1,2-Dichloroethane	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
1,1-Dichloroethene	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
1,2-Dichloropropane	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
Ethylbenzene	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
Ethylene Dibromide	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
2-Hexanone	<0.0165	U	0.0165	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
Isopropylbenzene	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
Methyl acetate	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
Methylcyclohexane	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
Methylene Chloride	<0.00987	U	0.00987	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
4-Methyl-2-pentanone (MIBK)	<0.0165	U	0.0165	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
Methyl tert-butyl ether	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
Styrene	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
1,1,1,2-Tetrachloroethane	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
Tetrachloroethene	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
Toluene	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
trans-1,2-Dichloroethene	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
trans-1,3-Dichloropropene	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
1,2,3-Trichlorobenzene	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
1,2,4-Trichlorobenzene	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
1,1,1-Trichloroethane	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
1,1,2-Trichloroethane	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
Trichloroethene	0.00547		0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
Trichlorofluoromethane	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
Vinyl chloride	<0.00329	U	0.00329	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B17 (A-D)

Lab Sample ID: 400-257981-14

Date Collected: 06/18/24 15:31

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 84.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00658	U	0.00658	mg/Kg	☼	06/26/24 09:34	06/26/24 19:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		67 - 130			06/26/24 09:34	06/26/24 19:45	1
Dibromofluoromethane	111		77 - 127			06/26/24 09:34	06/26/24 19:45	1
Toluene-d8 (Surr)	94		76 - 127			06/26/24 09:34	06/26/24 19:45	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Acenaphthylene	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Acetophenone	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Anthracene	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Atrazine	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Benzaldehyde	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Benzo[a]anthracene	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Benzo[a]pyrene	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Benzo[b]fluoranthene	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Benzo[g,h,i]perylene	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Benzo[k]fluoranthene	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
1,1'-Biphenyl	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Bis(2-chloroethoxy)methane	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Bis(2-chloroethyl)ether	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Bis(2-ethylhexyl) phthalate	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
4-Bromophenyl phenyl ether	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Butyl benzyl phthalate	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Caprolactam	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Carbazole	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
4-Chloroaniline	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
4-Chloro-3-methylphenol	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
2-Chloronaphthalene	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
2-Chlorophenol	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
4-Chlorophenyl phenyl ether	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Chrysene	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Dibenz(a,h)anthracene	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Dibenzofuran	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
3,3'-Dichlorobenzidine	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
2,4-Dichlorophenol	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Diethyl phthalate	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
2,4-Dimethylphenol	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Dimethyl phthalate	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Di-n-butyl phthalate	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
4,6-Dinitro-2-methylphenol	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
2,4-Dinitrophenol	<1.17	U	1.17	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
2,4-Dinitrotoluene	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
2,6-Dinitrotoluene	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Di-n-octyl phthalate	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Fluoranthene	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Fluorene	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Hexachlorobenzene	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B17 (A-D)

Lab Sample ID: 400-257981-14

Date Collected: 06/18/24 15:31

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 84.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Hexachlorocyclopentadiene	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Hexachloroethane	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Indeno[1,2,3-cd]pyrene	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Isophorone	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
2-Methylnaphthalene	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
2-Methylphenol	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
3 & 4 Methylphenol	<0.780	U	0.780	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Naphthalene	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
2-Nitroaniline	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
3-Nitroaniline	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
4-Nitroaniline	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Nitrobenzene	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
2-Nitrophenol	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
4-Nitrophenol	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
N-Nitrosodi-n-propylamine	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
n-Nitrosodiphenylamine(as diphenylamine)	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
2,2'-oxybis(1-chloropropane)	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Pentachlorophenol	<0.780	U	0.780	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Phenanthrene	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Phenol	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
Pyrene	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
2,4,5-Trichlorophenol	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1
2,4,6-Trichlorophenol	<0.390	U	0.390	mg/Kg	☼	06/25/24 11:36	06/27/24 21:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	64		27 - 127	06/25/24 11:36	06/27/24 21:42	1
2-Fluorophenol (Surr)	60		25 - 128	06/25/24 11:36	06/27/24 21:42	1
Nitrobenzene-d5 (Surr)	64		15 - 136	06/25/24 11:36	06/27/24 21:42	1
Phenol-d5 (Surr)	67		29 - 130	06/25/24 11:36	06/27/24 21:42	1
Terphenyl-d14 (Surr)	90		24 - 146	06/25/24 11:36	06/27/24 21:42	1
2,4,6-Tribromophenol (Surr)	56		10 - 150	06/25/24 11:36	06/27/24 21:42	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0993	U	0.0993	mg/Kg	☼	06/25/24 11:47	06/28/24 15:59	5
PCB-1221	<0.0993	U	0.0993	mg/Kg	☼	06/25/24 11:47	06/28/24 15:59	5
PCB-1232	<0.0993	U	0.0993	mg/Kg	☼	06/25/24 11:47	06/28/24 15:59	5
PCB-1242	<0.0993	U	0.0993	mg/Kg	☼	06/25/24 11:47	06/28/24 15:59	5
PCB-1248	<0.0993	U	0.0993	mg/Kg	☼	06/25/24 11:47	06/28/24 15:59	5
PCB-1254	0.154		0.0993	mg/Kg	☼	06/25/24 11:47	06/28/24 15:59	5
PCB-1260	<0.0993	U	0.0993	mg/Kg	☼	06/25/24 11:47	06/28/24 15:59	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	51		26 - 129	06/25/24 11:47	06/28/24 15:59	5
Tetrachloro-m-xylene	59		31 - 122	06/25/24 11:47	06/28/24 15:59	5

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.77		2.24	mg/Kg	☼	06/26/24 10:02	06/26/24 17:16	1

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Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B17 (A-D)

Lab Sample ID: 400-257981-14

Date Collected: 06/18/24 15:31

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 84.1

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	81.5		1.12	mg/Kg	☼	06/26/24 10:02	06/26/24 17:16	1
Cadmium	<0.561	U	0.561	mg/Kg	☼	06/26/24 10:02	06/26/24 17:16	1
Chromium	268		1.12	mg/Kg	☼	06/26/24 10:02	06/26/24 17:16	1
Silver	<1.12	U	1.12	mg/Kg	☼	06/26/24 10:02	06/26/24 17:16	1
Lead	17.9		1.12	mg/Kg	☼	06/26/24 10:02	06/26/24 17:16	1
Selenium	<2.80	U	2.80	mg/Kg	☼	06/26/24 10:02	06/26/24 17:16	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0299		0.0280	mg/Kg	☼	06/26/24 13:06	06/26/24 17:16	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	84.1		0.01	%			06/26/24 11:07	1
Percent Moisture (EPA Moisture)	15.9		0.01	%			06/26/24 11:07	1



Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B19 (A-D)

Lab Sample ID: 400-257981-15

Date Collected: 06/18/24 14:55

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 82.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0318		0.0198	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
Benzene	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
Bromoform	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
Bromomethane	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
2-Butanone (MEK)	<0.0198	U	0.0198	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
Carbon disulfide	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
Carbon tetrachloride	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
Chlorobenzene	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
Chlorobromomethane	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
Chlorodibromomethane	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
Chloroethane	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
Chloroform	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
Chloromethane	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
cis-1,2-Dichloroethene	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
cis-1,3-Dichloropropene	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
Cyclohexane	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
1,2-Dibromo-3-Chloropropane	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
1,2-Dichlorobenzene	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
1,3-Dichlorobenzene	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
1,4-Dichlorobenzene	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
Dichlorobromomethane	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
Dichlorodifluoromethane	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
1,1-Dichloroethane	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
1,2-Dichloroethane	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
1,1-Dichloroethene	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
1,2-Dichloropropane	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
Ethylbenzene	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
Ethylene Dibromide	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
2-Hexanone	<0.0198	U	0.0198	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
Isopropylbenzene	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
Methyl acetate	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
Methylcyclohexane	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
Methylene Chloride	<0.0119	U	0.0119	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
4-Methyl-2-pentanone (MIBK)	<0.0198	U	0.0198	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
Methyl tert-butyl ether	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
Styrene	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
1,1,2,2-Tetrachloroethane	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
Tetrachloroethene	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
Toluene	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
trans-1,2-Dichloroethene	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
trans-1,3-Dichloropropene	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
1,2,3-Trichlorobenzene	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
1,2,4-Trichlorobenzene	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
1,1,1-Trichloroethane	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
1,1,2-Trichloroethane	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
Trichloroethene	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
Trichlorofluoromethane	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
Vinyl chloride	<0.00396	U	0.00396	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B19 (A-D)

Lab Sample ID: 400-257981-15

Date Collected: 06/18/24 14:55

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 82.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00792	U	0.00792	mg/Kg	☼	06/26/24 09:34	06/26/24 20:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		67 - 130			06/26/24 09:34	06/26/24 20:12	1
Dibromofluoromethane	108		77 - 127			06/26/24 09:34	06/26/24 20:12	1
Toluene-d8 (Surr)	94		76 - 127			06/26/24 09:34	06/26/24 20:12	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Acenaphthylene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Acetophenone	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Anthracene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Atrazine	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Benzaldehyde	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Benzo[a]anthracene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Benzo[a]pyrene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Benzo[b]fluoranthene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Benzo[g,h,i]perylene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Benzo[k]fluoranthene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
1,1'-Biphenyl	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Bis(2-chloroethoxy)methane	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Bis(2-chloroethyl)ether	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Bis(2-ethylhexyl) phthalate	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
4-Bromophenyl phenyl ether	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Butyl benzyl phthalate	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Caprolactam	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Carbazole	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
4-Chloroaniline	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
4-Chloro-3-methylphenol	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
2-Chloronaphthalene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
2-Chlorophenol	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
4-Chlorophenyl phenyl ether	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Chrysene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Dibenz(a,h)anthracene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Dibenzofuran	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
3,3'-Dichlorobenzidine	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
2,4-Dichlorophenol	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Diethyl phthalate	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
2,4-Dimethylphenol	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Dimethyl phthalate	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Di-n-butyl phthalate	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
4,6-Dinitro-2-methylphenol	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
2,4-Dinitrophenol	<1.15	U	1.15	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
2,4-Dinitrotoluene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
2,6-Dinitrotoluene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Di-n-octyl phthalate	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Fluoranthene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Fluorene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Hexachlorobenzene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B19 (A-D)

Lab Sample ID: 400-257981-15

Date Collected: 06/18/24 14:55

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 82.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Hexachlorocyclopentadiene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Hexachloroethane	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Indeno[1,2,3-cd]pyrene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Isophorone	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
2-Methylnaphthalene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
2-Methylphenol	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
3 & 4 Methylphenol	<0.764	U	0.764	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Naphthalene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
2-Nitroaniline	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
3-Nitroaniline	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
4-Nitroaniline	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Nitrobenzene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
2-Nitrophenol	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
4-Nitrophenol	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
N-Nitrosodi-n-propylamine	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
n-Nitrosodiphenylamine(as diphenylamine)	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
2,2'-oxybis(1-chloropropane)	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Pentachlorophenol	<0.764	U	0.764	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Phenanthrene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Phenol	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
Pyrene	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
2,4,5-Trichlorophenol	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1
2,4,6-Trichlorophenol	<0.382	U	0.382	mg/Kg	☼	06/25/24 11:36	06/27/24 22:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	66		27 - 127	06/25/24 11:36	06/27/24 22:05	1
2-Fluorophenol (Surr)	62		25 - 128	06/25/24 11:36	06/27/24 22:05	1
Nitrobenzene-d5 (Surr)	65		15 - 136	06/25/24 11:36	06/27/24 22:05	1
Phenol-d5 (Surr)	70		29 - 130	06/25/24 11:36	06/27/24 22:05	1
Terphenyl-d14 (Surr)	92		24 - 146	06/25/24 11:36	06/27/24 22:05	1
2,4,6-Tribromophenol (Surr)	67		10 - 150	06/25/24 11:36	06/27/24 22:05	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0976	U	0.0976	mg/Kg	☼	06/25/24 11:47	06/27/24 18:34	5
PCB-1221	<0.0976	U	0.0976	mg/Kg	☼	06/25/24 11:47	06/27/24 18:34	5
PCB-1232	<0.0976	U	0.0976	mg/Kg	☼	06/25/24 11:47	06/27/24 18:34	5
PCB-1242	<0.0976	U	0.0976	mg/Kg	☼	06/25/24 11:47	06/27/24 18:34	5
PCB-1248	<0.0976	U	0.0976	mg/Kg	☼	06/25/24 11:47	06/27/24 18:34	5
PCB-1254	<0.0976	U	0.0976	mg/Kg	☼	06/25/24 11:47	06/27/24 18:34	5
PCB-1260	<0.0976	U	0.0976	mg/Kg	☼	06/25/24 11:47	06/27/24 18:34	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	75		26 - 129	06/25/24 11:47	06/27/24 18:34	5
Tetrachloro-m-xylene	73		31 - 122	06/25/24 11:47	06/27/24 18:34	5

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.95		2.28	mg/Kg	☼	06/26/24 10:02	06/26/24 17:18	1

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Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B19 (A-D)

Lab Sample ID: 400-257981-15

Date Collected: 06/18/24 14:55

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 82.8

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	57.0		1.14	mg/Kg	☼	06/26/24 10:02	06/26/24 17:18	1
Cadmium	<0.570	U	0.570	mg/Kg	☼	06/26/24 10:02	06/26/24 17:18	1
Chromium	72.6		1.14	mg/Kg	☼	06/26/24 10:02	06/26/24 17:18	1
Silver	<1.14	U	1.14	mg/Kg	☼	06/26/24 10:02	06/26/24 17:18	1
Lead	19.2		1.14	mg/Kg	☼	06/26/24 10:02	06/26/24 17:18	1
Selenium	<2.85	U	2.85	mg/Kg	☼	06/26/24 10:02	06/26/24 17:18	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0656		0.0270	mg/Kg	☼	06/26/24 13:06	06/26/24 17:18	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	82.8		0.01	%			06/26/24 11:07	1
Percent Moisture (EPA Moisture)	17.2		0.01	%			06/26/24 11:07	1



Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B20 (A-D)

Lab Sample ID: 400-257981-16

Date Collected: 06/18/24 15:10

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 80.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0213		0.0184	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
Benzene	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
Bromoform	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
Bromomethane	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
2-Butanone (MEK)	<0.0184	U	0.0184	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
Carbon disulfide	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
Carbon tetrachloride	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
Chlorobenzene	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
Chlorobromomethane	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
Chlorodibromomethane	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
Chloroethane	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
Chloroform	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
Chloromethane	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
cis-1,2-Dichloroethene	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
cis-1,3-Dichloropropene	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
Cyclohexane	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
1,2-Dibromo-3-Chloropropane	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
1,2-Dichlorobenzene	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
1,3-Dichlorobenzene	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
1,4-Dichlorobenzene	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
Dichlorobromomethane	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
Dichlorodifluoromethane	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
1,1-Dichloroethane	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
1,2-Dichloroethane	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
1,1-Dichloroethene	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
1,2-Dichloropropane	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
Ethylbenzene	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
Ethylene Dibromide	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
2-Hexanone	<0.0184	U	0.0184	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
Isopropylbenzene	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
Methyl acetate	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
Methylcyclohexane	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
Methylene Chloride	<0.0110	U	0.0110	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
4-Methyl-2-pentanone (MIBK)	<0.0184	U	0.0184	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
Methyl tert-butyl ether	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
Styrene	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
1,1,2,2-Tetrachloroethane	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
Tetrachloroethene	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
Toluene	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
trans-1,2-Dichloroethene	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
trans-1,3-Dichloropropene	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
1,2,3-Trichlorobenzene	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
1,2,4-Trichlorobenzene	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
1,1,1-Trichloroethane	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
1,1,2-Trichloroethane	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
Trichloroethene	0.00439		0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
Trichlorofluoromethane	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
Vinyl chloride	<0.00368	U	0.00368	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B20 (A-D)

Lab Sample ID: 400-257981-16

Date Collected: 06/18/24 15:10

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 80.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00736	U	0.00736	mg/Kg	☼	06/26/24 09:34	06/26/24 20:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		67 - 130			06/26/24 09:34	06/26/24 20:39	1
Dibromofluoromethane	109		77 - 127			06/26/24 09:34	06/26/24 20:39	1
Toluene-d8 (Surr)	93		76 - 127			06/26/24 09:34	06/26/24 20:39	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
Acenaphthylene	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
Acetophenone	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
Anthracene	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
Atrazine	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
Benzaldehyde	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
Benzo[a]anthracene	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
Benzo[a]pyrene	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
Benzo[b]fluoranthene	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
Benzo[g,h,i]perylene	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
Benzo[k]fluoranthene	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
1,1'-Biphenyl	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
Bis(2-chloroethoxy)methane	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
Bis(2-chloroethyl)ether	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
Bis(2-ethylhexyl) phthalate	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
4-Bromophenyl phenyl ether	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
Butyl benzyl phthalate	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
Caprolactam	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
Carbazole	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
4-Chloroaniline	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
4-Chloro-3-methylphenol	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
2-Chloronaphthalene	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
2-Chlorophenol	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
4-Chlorophenyl phenyl ether	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
Chrysene	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
Dibenz(a,h)anthracene	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
Dibenzofuran	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
3,3'-Dichlorobenzidine	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
2,4-Dichlorophenol	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
Diethyl phthalate	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
2,4-Dimethylphenol	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
Dimethyl phthalate	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
Di-n-butyl phthalate	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
4,6-Dinitro-2-methylphenol	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
2,4-Dinitrophenol	<1.18	U	1.18	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
2,4-Dinitrotoluene	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
2,6-Dinitrotoluene	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
Di-n-octyl phthalate	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
Fluoranthene	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
Fluorene	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1
Hexachlorobenzene	<0.394	U	0.394	mg/Kg	☼	06/25/24 11:36	06/27/24 22:27	1

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Client Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B20 (A-D)

Lab Sample ID: 400-257981-16

Date Collected: 06/18/24 15:10

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 80.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.394	U	0.394	mg/Kg	✳	06/25/24 11:36	06/27/24 22:27	1
Hexachlorocyclopentadiene	<0.394	U	0.394	mg/Kg	✳	06/25/24 11:36	06/27/24 22:27	1
Hexachloroethane	<0.394	U	0.394	mg/Kg	✳	06/25/24 11:36	06/27/24 22:27	1
Indeno[1,2,3-cd]pyrene	<0.394	U	0.394	mg/Kg	✳	06/25/24 11:36	06/27/24 22:27	1
Isophorone	<0.394	U	0.394	mg/Kg	✳	06/25/24 11:36	06/27/24 22:27	1
2-Methylnaphthalene	<0.394	U	0.394	mg/Kg	✳	06/25/24 11:36	06/27/24 22:27	1
2-Methylphenol	<0.394	U	0.394	mg/Kg	✳	06/25/24 11:36	06/27/24 22:27	1
3 & 4 Methylphenol	<0.788	U	0.788	mg/Kg	✳	06/25/24 11:36	06/27/24 22:27	1
Naphthalene	<0.394	U	0.394	mg/Kg	✳	06/25/24 11:36	06/27/24 22:27	1
2-Nitroaniline	<0.394	U	0.394	mg/Kg	✳	06/25/24 11:36	06/27/24 22:27	1
3-Nitroaniline	<0.394	U	0.394	mg/Kg	✳	06/25/24 11:36	06/27/24 22:27	1
4-Nitroaniline	<0.394	U	0.394	mg/Kg	✳	06/25/24 11:36	06/27/24 22:27	1
Nitrobenzene	<0.394	U	0.394	mg/Kg	✳	06/25/24 11:36	06/27/24 22:27	1
2-Nitrophenol	<0.394	U	0.394	mg/Kg	✳	06/25/24 11:36	06/27/24 22:27	1
4-Nitrophenol	<0.394	U	0.394	mg/Kg	✳	06/25/24 11:36	06/27/24 22:27	1
N-Nitrosodi-n-propylamine	<0.394	U	0.394	mg/Kg	✳	06/25/24 11:36	06/27/24 22:27	1
n-Nitrosodiphenylamine(as diphenylamine)	<0.394	U	0.394	mg/Kg	✳	06/25/24 11:36	06/27/24 22:27	1
2,2'-oxybis(1-chloropropane)	<0.394	U	0.394	mg/Kg	✳	06/25/24 11:36	06/27/24 22:27	1
Pentachlorophenol	<0.788	U	0.788	mg/Kg	✳	06/25/24 11:36	06/27/24 22:27	1
Phenanthrene	<0.394	U	0.394	mg/Kg	✳	06/25/24 11:36	06/27/24 22:27	1
Phenol	<0.394	U	0.394	mg/Kg	✳	06/25/24 11:36	06/27/24 22:27	1
Pyrene	<0.394	U	0.394	mg/Kg	✳	06/25/24 11:36	06/27/24 22:27	1
2,4,5-Trichlorophenol	<0.394	U	0.394	mg/Kg	✳	06/25/24 11:36	06/27/24 22:27	1
2,4,6-Trichlorophenol	<0.394	U	0.394	mg/Kg	✳	06/25/24 11:36	06/27/24 22:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	75		27 - 127	06/25/24 11:36	06/27/24 22:27	1
2-Fluorophenol (Surr)	75		25 - 128	06/25/24 11:36	06/27/24 22:27	1
Nitrobenzene-d5 (Surr)	78		15 - 136	06/25/24 11:36	06/27/24 22:27	1
Phenol-d5 (Surr)	83		29 - 130	06/25/24 11:36	06/27/24 22:27	1
Terphenyl-d14 (Surr)	113		24 - 146	06/25/24 11:36	06/27/24 22:27	1
2,4,6-Tribromophenol (Surr)	77		10 - 150	06/25/24 11:36	06/27/24 22:27	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.104	U	0.104	mg/Kg	✳	06/25/24 11:47	06/28/24 16:12	5
PCB-1221	<0.104	U	0.104	mg/Kg	✳	06/25/24 11:47	06/28/24 16:12	5
PCB-1232	<0.104	U	0.104	mg/Kg	✳	06/25/24 11:47	06/28/24 16:12	5
PCB-1242	<0.104	U	0.104	mg/Kg	✳	06/25/24 11:47	06/28/24 16:12	5
PCB-1248	<0.104	U	0.104	mg/Kg	✳	06/25/24 11:47	06/28/24 16:12	5
PCB-1254	0.434		0.104	mg/Kg	✳	06/25/24 11:47	06/28/24 16:12	5
PCB-1260	<0.104	U	0.104	mg/Kg	✳	06/25/24 11:47	06/28/24 16:12	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	48		26 - 129	06/25/24 11:47	06/28/24 16:12	5
Tetrachloro-m-xylene	40		31 - 122	06/25/24 11:47	06/28/24 16:12	5

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.22		2.43	mg/Kg	✳	06/26/24 10:02	06/26/24 17:26	1

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Client Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B20 (A-D)

Lab Sample ID: 400-257981-16

Date Collected: 06/18/24 15:10

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 80.8

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	108		1.21	mg/Kg	☼	06/26/24 10:02	06/26/24 17:26	1
Cadmium	<0.607	U	0.607	mg/Kg	☼	06/26/24 10:02	06/26/24 17:26	1
Chromium	34.2		1.21	mg/Kg	☼	06/26/24 10:02	06/26/24 17:26	1
Silver	<1.21	U	1.21	mg/Kg	☼	06/26/24 10:02	06/26/24 17:26	1
Lead	19.1		1.21	mg/Kg	☼	06/26/24 10:02	06/26/24 17:26	1
Selenium	<3.03	U	3.03	mg/Kg	☼	06/26/24 10:02	06/26/24 17:26	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0591		0.0292	mg/Kg	☼	06/26/24 13:06	06/26/24 17:21	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	80.8		0.01	%			06/26/24 10:58	1
Percent Moisture (EPA Moisture)	19.2		0.01	%			06/26/24 10:58	1



Definitions/Glossary

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Surrogate Summary

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB	DBFM	TOL
		(67-130)	(77-127)	(76-127)
400-257981-1	B1 (A-F)	102	106	96
400-257981-2	B2 (A-D)	101	107	94
400-257981-3	B3 (A-D)	107	109	96
400-257981-4	B4 (A-D)	103	108	94
400-257981-5	B5 (A-D)	101	106	93
400-257981-6	B6 (A-F)	99	106	94
400-257981-7	B7 (A-F)	101	107	93
400-257981-8	B8 (A-D)	100	108	93
400-257981-9	B11 (A-D)	101	108	94
400-257981-10	B12 (A-D)	102	106	94
400-257981-11	B13 (A-D)	100	107	94
400-257981-12	B15 (A-D)	99	110	94
400-257981-13	B16 (A-D)	102	108	94
400-257981-14	B17 (A-D)	104	111	94
400-257981-15	B19 (A-D)	101	108	94
400-257981-16	B20 (A-D)	105	109	93
LCS 400-676091/2-A	Lab Control Sample	99	99	98
LCSD 400-676091/3-A	Lab Control Sample Dup	97	98	98
MB 400-676091/1-A	Method Blank	100	105	94

Surrogate Legend

- BFB = 4-Bromofluorobenzene
- DBFM = Dibromofluoromethane
- TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	FBP	2FP	NBZ	PHL	TPHL	TBP
		(27-127)	(25-128)	(15-136)	(29-130)	(24-146)	(10-150)
400-257981-1	B1 (A-F)	68	62	70	71	95	63
400-257981-1 MS	B1 (A-F)	67	62	84	72	78	56
400-257981-1 MSD	B1 (A-F)	68	64	84	74	79	56
400-257981-2	B2 (A-D)	58	57	61	63	82	55
400-257981-3	B3 (A-D)	60	55	56	53	71	86
400-257981-4	B4 (A-D)	62	57	62	64	79	61
400-257981-5	B5 (A-D)	68	64	68	72	95	64
400-257981-6	B6 (A-F)	55	53	56	60	79	52
400-257981-7	B7 (A-F)	70	66	71	74	101	63
400-257981-8	B8 (A-D)	75	48	81	59	110	38
400-257981-9	B11 (A-D)	57	39	55	47	86	29
400-257981-10	B12 (A-D)	70	49	72	60	108	52
400-257981-11	B13 (A-D)	69	46	67	55	111	63
400-257981-12	B15 (A-D)	66	69	53	75	93	69
400-257981-13	B16 (A-D)	63	63	64	67	90	63
400-257981-14	B17 (A-D)	64	60	64	67	90	56
400-257981-15	B19 (A-D)	66	62	65	70	92	67
400-257981-16	B20 (A-D)	75	75	78	83	113	77
LCS 400-675968/2-A	Lab Control Sample	70	70	87	79	83	64

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Surrogate Summary

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		FBP (27-127)	2FP (25-128)	NBZ (15-136)	PHL (29-130)	TPHL (24-146)	TBP (10-150)
MB 400-675968/1-A	Method Blank	67	68	70	76	92	62

Surrogate Legend

FBP = 2-Fluorobiphenyl
 2FP = 2-Fluorophenol (Surr)
 NBZ = Nitrobenzene-d5 (Surr)
 PHL = Phenol-d5 (Surr)
 TPHL = Terphenyl-d14 (Surr)
 TBP = 2,4,6-Tribromophenol (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCBP1 (26-129)	TCX1 (31-122)
400-257981-1	B1 (A-F)	55	66
400-257981-2	B2 (A-D)	45	65
400-257981-3	B3 (A-D)	73	73
400-257981-4	B4 (A-D)	81	65
400-257981-5	B5 (A-D)	58	62
400-257981-6	B6 (A-F)	77	70
400-257981-7	B7 (A-F)	63	68
400-257981-8	B8 (A-D)	98	90
400-257981-10	B12 (A-D)	57	61
400-257981-11	B13 (A-D)	69	69
400-257981-12	B15 (A-D)	73	88
400-257981-14	B17 (A-D)	51	59
400-257981-16	B20 (A-D)	48	40

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
 TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCBP2 (26-129)	TCX2 (31-122)
400-257981-1 MS	B1 (A-F)	66	67
400-257981-1 MSD	B1 (A-F)	87	75
400-257981-9	B11 (A-D)	86	60
400-257981-13	B16 (A-D)	74	69
400-257981-15	B19 (A-D)	75	73
LCS 400-675975/2-A	Lab Control Sample	86	73
MB 400-675975/1-A	Method Blank	79	66

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
 TCX = Tetrachloro-m-xylene

QC Association Summary

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

GC/MS VOA

Analysis Batch: 676058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-257981-1	B1 (A-F)	Total/NA	Solid	8260D	676091
400-257981-2	B2 (A-D)	Total/NA	Solid	8260D	676091
400-257981-3	B3 (A-D)	Total/NA	Solid	8260D	676091
400-257981-4	B4 (A-D)	Total/NA	Solid	8260D	676091
400-257981-5	B5 (A-D)	Total/NA	Solid	8260D	676091
400-257981-6	B6 (A-F)	Total/NA	Solid	8260D	676091
400-257981-7	B7 (A-F)	Total/NA	Solid	8260D	676091
400-257981-8	B8 (A-D)	Total/NA	Solid	8260D	676091
400-257981-9	B11 (A-D)	Total/NA	Solid	8260D	676091
400-257981-10	B12 (A-D)	Total/NA	Solid	8260D	676091
400-257981-11	B13 (A-D)	Total/NA	Solid	8260D	676091
400-257981-12	B15 (A-D)	Total/NA	Solid	8260D	676091
400-257981-13	B16 (A-D)	Total/NA	Solid	8260D	676091
400-257981-14	B17 (A-D)	Total/NA	Solid	8260D	676091
400-257981-15	B19 (A-D)	Total/NA	Solid	8260D	676091
400-257981-16	B20 (A-D)	Total/NA	Solid	8260D	676091
MB 400-676091/1-A	Method Blank	Total/NA	Solid	8260D	676091
LCS 400-676091/2-A	Lab Control Sample	Total/NA	Solid	8260D	676091
LCSD 400-676091/3-A	Lab Control Sample Dup	Total/NA	Solid	8260D	676091

Prep Batch: 676091

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-257981-1	B1 (A-F)	Total/NA	Solid	5035	
400-257981-2	B2 (A-D)	Total/NA	Solid	5035	
400-257981-3	B3 (A-D)	Total/NA	Solid	5035	
400-257981-4	B4 (A-D)	Total/NA	Solid	5035	
400-257981-5	B5 (A-D)	Total/NA	Solid	5035	
400-257981-6	B6 (A-F)	Total/NA	Solid	5035	
400-257981-7	B7 (A-F)	Total/NA	Solid	5035	
400-257981-8	B8 (A-D)	Total/NA	Solid	5035	
400-257981-9	B11 (A-D)	Total/NA	Solid	5035	
400-257981-10	B12 (A-D)	Total/NA	Solid	5035	
400-257981-11	B13 (A-D)	Total/NA	Solid	5035	
400-257981-12	B15 (A-D)	Total/NA	Solid	5035	
400-257981-13	B16 (A-D)	Total/NA	Solid	5035	
400-257981-14	B17 (A-D)	Total/NA	Solid	5035	
400-257981-15	B19 (A-D)	Total/NA	Solid	5035	
400-257981-16	B20 (A-D)	Total/NA	Solid	5035	
MB 400-676091/1-A	Method Blank	Total/NA	Solid	5035	
LCS 400-676091/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 400-676091/3-A	Lab Control Sample Dup	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 675968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-257981-1	B1 (A-F)	Total/NA	Solid	3546	
400-257981-2	B2 (A-D)	Total/NA	Solid	3546	
400-257981-3	B3 (A-D)	Total/NA	Solid	3546	
400-257981-4	B4 (A-D)	Total/NA	Solid	3546	
400-257981-5	B5 (A-D)	Total/NA	Solid	3546	

QC Association Summary

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

GC/MS Semi VOA (Continued)

Prep Batch: 675968 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-257981-6	B6 (A-F)	Total/NA	Solid	3546	
400-257981-7	B7 (A-F)	Total/NA	Solid	3546	
400-257981-8	B8 (A-D)	Total/NA	Solid	3546	
400-257981-9	B11 (A-D)	Total/NA	Solid	3546	
400-257981-10	B12 (A-D)	Total/NA	Solid	3546	
400-257981-11	B13 (A-D)	Total/NA	Solid	3546	
400-257981-12	B15 (A-D)	Total/NA	Solid	3546	
400-257981-13	B16 (A-D)	Total/NA	Solid	3546	
400-257981-14	B17 (A-D)	Total/NA	Solid	3546	
400-257981-15	B19 (A-D)	Total/NA	Solid	3546	
400-257981-16	B20 (A-D)	Total/NA	Solid	3546	
MB 400-675968/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-675968/2-A	Lab Control Sample	Total/NA	Solid	3546	
400-257981-1 MS	B1 (A-F)	Total/NA	Solid	3546	
400-257981-1 MSD	B1 (A-F)	Total/NA	Solid	3546	

Analysis Batch: 676237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-257981-1	B1 (A-F)	Total/NA	Solid	8270E	675968
400-257981-2	B2 (A-D)	Total/NA	Solid	8270E	675968
400-257981-3	B3 (A-D)	Total/NA	Solid	8270E	675968
400-257981-4	B4 (A-D)	Total/NA	Solid	8270E	675968
400-257981-5	B5 (A-D)	Total/NA	Solid	8270E	675968
400-257981-6	B6 (A-F)	Total/NA	Solid	8270E	675968
400-257981-7	B7 (A-F)	Total/NA	Solid	8270E	675968
400-257981-12	B15 (A-D)	Total/NA	Solid	8270E	675968
400-257981-13	B16 (A-D)	Total/NA	Solid	8270E	675968
400-257981-14	B17 (A-D)	Total/NA	Solid	8270E	675968
400-257981-15	B19 (A-D)	Total/NA	Solid	8270E	675968
400-257981-16	B20 (A-D)	Total/NA	Solid	8270E	675968
MB 400-675968/1-A	Method Blank	Total/NA	Solid	8270E	675968
LCS 400-675968/2-A	Lab Control Sample	Total/NA	Solid	8270E	675968
400-257981-1 MS	B1 (A-F)	Total/NA	Solid	8270E	675968
400-257981-1 MSD	B1 (A-F)	Total/NA	Solid	8270E	675968

Analysis Batch: 676239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-257981-8	B8 (A-D)	Total/NA	Solid	8270E	675968
400-257981-9	B11 (A-D)	Total/NA	Solid	8270E	675968
400-257981-10	B12 (A-D)	Total/NA	Solid	8270E	675968
400-257981-11	B13 (A-D)	Total/NA	Solid	8270E	675968

Analysis Batch: 676370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-257981-3	B3 (A-D)	Total/NA	Solid	8270E	675968
400-257981-4	B4 (A-D)	Total/NA	Solid	8270E	675968

QC Association Summary

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

GC Semi VOA

Prep Batch: 675975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-257981-1	B1 (A-F)	Total/NA	Solid	3546	
400-257981-2	B2 (A-D)	Total/NA	Solid	3546	
400-257981-3	B3 (A-D)	Total/NA	Solid	3546	
400-257981-4	B4 (A-D)	Total/NA	Solid	3546	
400-257981-5	B5 (A-D)	Total/NA	Solid	3546	
400-257981-6	B6 (A-F)	Total/NA	Solid	3546	
400-257981-7	B7 (A-F)	Total/NA	Solid	3546	
400-257981-8	B8 (A-D)	Total/NA	Solid	3546	
400-257981-9	B11 (A-D)	Total/NA	Solid	3546	
400-257981-10	B12 (A-D)	Total/NA	Solid	3546	
400-257981-11	B13 (A-D)	Total/NA	Solid	3546	
400-257981-12	B15 (A-D)	Total/NA	Solid	3546	
400-257981-13	B16 (A-D)	Total/NA	Solid	3546	
400-257981-14	B17 (A-D)	Total/NA	Solid	3546	
400-257981-15	B19 (A-D)	Total/NA	Solid	3546	
400-257981-16	B20 (A-D)	Total/NA	Solid	3546	
MB 400-675975/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-675975/2-A	Lab Control Sample	Total/NA	Solid	3546	
400-257981-1 MS	B1 (A-F)	Total/NA	Solid	3546	
400-257981-1 MSD	B1 (A-F)	Total/NA	Solid	3546	

Analysis Batch: 676206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-257981-13	B16 (A-D)	Total/NA	Solid	8082A	675975
400-257981-15	B19 (A-D)	Total/NA	Solid	8082A	675975
MB 400-675975/1-A	Method Blank	Total/NA	Solid	8082A	675975
LCS 400-675975/2-A	Lab Control Sample	Total/NA	Solid	8082A	675975
400-257981-1 MS	B1 (A-F)	Total/NA	Solid	8082A	675975
400-257981-1 MSD	B1 (A-F)	Total/NA	Solid	8082A	675975

Analysis Batch: 676324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-257981-1	B1 (A-F)	Total/NA	Solid	8082A	675975
400-257981-2	B2 (A-D)	Total/NA	Solid	8082A	675975
400-257981-3	B3 (A-D)	Total/NA	Solid	8082A	675975
400-257981-4	B4 (A-D)	Total/NA	Solid	8082A	675975
400-257981-5	B5 (A-D)	Total/NA	Solid	8082A	675975
400-257981-6	B6 (A-F)	Total/NA	Solid	8082A	675975
400-257981-7	B7 (A-F)	Total/NA	Solid	8082A	675975
400-257981-8	B8 (A-D)	Total/NA	Solid	8082A	675975
400-257981-9	B11 (A-D)	Total/NA	Solid	8082A	675975
400-257981-10	B12 (A-D)	Total/NA	Solid	8082A	675975
400-257981-11	B13 (A-D)	Total/NA	Solid	8082A	675975
400-257981-12	B15 (A-D)	Total/NA	Solid	8082A	675975
400-257981-14	B17 (A-D)	Total/NA	Solid	8082A	675975
400-257981-16	B20 (A-D)	Total/NA	Solid	8082A	675975

QC Association Summary

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Metals

Prep Batch: 844198

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-257981-1	B1 (A-F)	Total/NA	Solid	3050B	
400-257981-2	B2 (A-D)	Total/NA	Solid	3050B	
400-257981-3	B3 (A-D)	Total/NA	Solid	3050B	
400-257981-4	B4 (A-D)	Total/NA	Solid	3050B	
400-257981-5	B5 (A-D)	Total/NA	Solid	3050B	
400-257981-6	B6 (A-F)	Total/NA	Solid	3050B	
400-257981-7	B7 (A-F)	Total/NA	Solid	3050B	
400-257981-8	B8 (A-D)	Total/NA	Solid	3050B	
400-257981-9	B11 (A-D)	Total/NA	Solid	3050B	
MB 680-844198/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 680-844198/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 844223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-257981-10	B12 (A-D)	Total/NA	Solid	3050B	
400-257981-11	B13 (A-D)	Total/NA	Solid	3050B	
400-257981-12	B15 (A-D)	Total/NA	Solid	3050B	
400-257981-13	B16 (A-D)	Total/NA	Solid	3050B	
400-257981-14	B17 (A-D)	Total/NA	Solid	3050B	
400-257981-15	B19 (A-D)	Total/NA	Solid	3050B	
400-257981-16	B20 (A-D)	Total/NA	Solid	3050B	
MB 680-844223/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 680-844223/2-A	Lab Control Sample	Total/NA	Solid	3050B	
400-257981-10 MS	B12 (A-D)	Total/NA	Solid	3050B	
400-257981-10 MSD	B12 (A-D)	Total/NA	Solid	3050B	

Prep Batch: 844235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-257981-1	B1 (A-F)	Total/NA	Solid	7471B	
400-257981-2	B2 (A-D)	Total/NA	Solid	7471B	
400-257981-3	B3 (A-D)	Total/NA	Solid	7471B	
400-257981-4	B4 (A-D)	Total/NA	Solid	7471B	
400-257981-5	B5 (A-D)	Total/NA	Solid	7471B	
400-257981-6	B6 (A-F)	Total/NA	Solid	7471B	
400-257981-7	B7 (A-F)	Total/NA	Solid	7471B	
400-257981-8	B8 (A-D)	Total/NA	Solid	7471B	
400-257981-9	B11 (A-D)	Total/NA	Solid	7471B	
400-257981-10	B12 (A-D)	Total/NA	Solid	7471B	
400-257981-11	B13 (A-D)	Total/NA	Solid	7471B	
MB 680-844235/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 680-844235/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Prep Batch: 844255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-257981-12	B15 (A-D)	Total/NA	Solid	7471B	
400-257981-13	B16 (A-D)	Total/NA	Solid	7471B	
400-257981-14	B17 (A-D)	Total/NA	Solid	7471B	
400-257981-15	B19 (A-D)	Total/NA	Solid	7471B	
400-257981-16	B20 (A-D)	Total/NA	Solid	7471B	
MB 680-844255/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 680-844255/2-A	Lab Control Sample	Total/NA	Solid	7471B	

QC Association Summary

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Metals (Continued)

Prep Batch: 844255 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-257981-12 MS	B15 (A-D)	Total/NA	Solid	7471B	
400-257981-12 MSD	B15 (A-D)	Total/NA	Solid	7471B	

Analysis Batch: 844412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-257981-1	B1 (A-F)	Total/NA	Solid	7471B	844235
400-257981-2	B2 (A-D)	Total/NA	Solid	7471B	844235
400-257981-3	B3 (A-D)	Total/NA	Solid	7471B	844235
400-257981-4	B4 (A-D)	Total/NA	Solid	7471B	844235
400-257981-5	B5 (A-D)	Total/NA	Solid	7471B	844235
400-257981-6	B6 (A-F)	Total/NA	Solid	7471B	844235
400-257981-7	B7 (A-F)	Total/NA	Solid	7471B	844235
400-257981-8	B8 (A-D)	Total/NA	Solid	7471B	844235
400-257981-9	B11 (A-D)	Total/NA	Solid	7471B	844235
400-257981-10	B12 (A-D)	Total/NA	Solid	7471B	844235
400-257981-11	B13 (A-D)	Total/NA	Solid	7471B	844235
400-257981-12	B15 (A-D)	Total/NA	Solid	7471B	844255
400-257981-13	B16 (A-D)	Total/NA	Solid	7471B	844255
400-257981-14	B17 (A-D)	Total/NA	Solid	7471B	844255
400-257981-15	B19 (A-D)	Total/NA	Solid	7471B	844255
400-257981-16	B20 (A-D)	Total/NA	Solid	7471B	844255
MB 680-844235/1-A	Method Blank	Total/NA	Solid	7471B	844235
MB 680-844255/1-A	Method Blank	Total/NA	Solid	7471B	844255
LCS 680-844235/2-A	Lab Control Sample	Total/NA	Solid	7471B	844235
LCS 680-844255/2-A	Lab Control Sample	Total/NA	Solid	7471B	844255
400-257981-12 MS	B15 (A-D)	Total/NA	Solid	7471B	844255
400-257981-12 MSD	B15 (A-D)	Total/NA	Solid	7471B	844255

Analysis Batch: 844418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-257981-1	B1 (A-F)	Total/NA	Solid	6010D	844198
400-257981-2	B2 (A-D)	Total/NA	Solid	6010D	844198
400-257981-3	B3 (A-D)	Total/NA	Solid	6010D	844198
400-257981-4	B4 (A-D)	Total/NA	Solid	6010D	844198
400-257981-5	B5 (A-D)	Total/NA	Solid	6010D	844198
400-257981-6	B6 (A-F)	Total/NA	Solid	6010D	844198
400-257981-7	B7 (A-F)	Total/NA	Solid	6010D	844198
400-257981-8	B8 (A-D)	Total/NA	Solid	6010D	844198
400-257981-9	B11 (A-D)	Total/NA	Solid	6010D	844198
400-257981-10	B12 (A-D)	Total/NA	Solid	6010D	844223
400-257981-11	B13 (A-D)	Total/NA	Solid	6010D	844223
400-257981-12	B15 (A-D)	Total/NA	Solid	6010D	844223
400-257981-13	B16 (A-D)	Total/NA	Solid	6010D	844223
400-257981-14	B17 (A-D)	Total/NA	Solid	6010D	844223
400-257981-15	B19 (A-D)	Total/NA	Solid	6010D	844223
400-257981-16	B20 (A-D)	Total/NA	Solid	6010D	844223
MB 680-844198/1-A	Method Blank	Total/NA	Solid	6010D	844198
MB 680-844223/1-A	Method Blank	Total/NA	Solid	6010D	844223
LCS 680-844198/2-A	Lab Control Sample	Total/NA	Solid	6010D	844198
LCS 680-844223/2-A	Lab Control Sample	Total/NA	Solid	6010D	844223
400-257981-10 MS	B12 (A-D)	Total/NA	Solid	6010D	844223

QC Association Summary

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Metals (Continued)

Analysis Batch: 844418 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-257981-10 MSD	B12 (A-D)	Total/NA	Solid	6010D	844223

General Chemistry

Analysis Batch: 676106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-257981-16	B20 (A-D)	Total/NA	Solid	Moisture	
400-257981-16 DU	B20 (A-D)	Total/NA	Solid	Moisture	

Analysis Batch: 676107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-257981-1	B1 (A-F)	Total/NA	Solid	Moisture	
400-257981-2	B2 (A-D)	Total/NA	Solid	Moisture	
400-257981-3	B3 (A-D)	Total/NA	Solid	Moisture	
400-257981-4	B4 (A-D)	Total/NA	Solid	Moisture	
400-257981-5	B5 (A-D)	Total/NA	Solid	Moisture	
400-257981-6	B6 (A-F)	Total/NA	Solid	Moisture	
400-257981-7	B7 (A-F)	Total/NA	Solid	Moisture	
400-257981-8	B8 (A-D)	Total/NA	Solid	Moisture	
400-257981-9	B11 (A-D)	Total/NA	Solid	Moisture	
400-257981-10	B12 (A-D)	Total/NA	Solid	Moisture	
400-257981-11	B13 (A-D)	Total/NA	Solid	Moisture	
400-257981-12	B15 (A-D)	Total/NA	Solid	Moisture	
400-257981-13	B16 (A-D)	Total/NA	Solid	Moisture	
400-257981-14	B17 (A-D)	Total/NA	Solid	Moisture	
400-257981-15	B19 (A-D)	Total/NA	Solid	Moisture	
400-257981-1 DU	B1 (A-F)	Total/NA	Solid	Moisture	

QC Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 400-676091/1-A
Matrix: Solid
Analysis Batch: 676058

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 676091

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Acetone	<0.0250	U	0.0250	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
Benzene	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
Bromoform	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
Bromomethane	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
2-Butanone (MEK)	<0.0250	U	0.0250	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
Carbon disulfide	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
Carbon tetrachloride	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
Chlorobenzene	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
Chlorobromomethane	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
Chlorodibromomethane	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
Chloroethane	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
Chloroform	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
Chloromethane	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
cis-1,2-Dichloroethene	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
cis-1,3-Dichloropropene	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
Cyclohexane	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
1,2-Dibromo-3-Chloropropane	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
1,2-Dichlorobenzene	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
1,3-Dichlorobenzene	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
1,4-Dichlorobenzene	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
Dichlorobromomethane	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
Dichlorodifluoromethane	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
1,1-Dichloroethane	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
1,2-Dichloroethane	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
1,1-Dichloroethene	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
1,2-Dichloropropane	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
Ethylbenzene	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
Ethylene Dibromide	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
2-Hexanone	<0.0250	U	0.0250	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
Isopropylbenzene	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
Methyl acetate	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
Methylcyclohexane	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
Methylene Chloride	<0.0150	U	0.0150	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
4-Methyl-2-pentanone (MIBK)	<0.0250	U	0.0250	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
Methyl tert-butyl ether	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
Styrene	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
1,1,2,2-Tetrachloroethane	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
Tetrachloroethene	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
Toluene	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
trans-1,2-Dichloroethene	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
trans-1,3-Dichloropropene	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
1,2,3-Trichlorobenzene	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
1,2,4-Trichlorobenzene	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
1,1,1-Trichloroethane	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
1,1,2-Trichloroethane	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
Trichloroethene	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
Trichlorofluoromethane	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1

Eurofins Pensacola

QC Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 400-676091/1-A
Matrix: Solid
Analysis Batch: 676058

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 676091

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Vinyl chloride	<0.00500	U	0.00500	mg/Kg		06/26/24 09:34	06/26/24 12:34	1
Xylenes, Total	<0.0100	U	0.0100	mg/Kg		06/26/24 09:34	06/26/24 12:34	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene	100		67 - 130	06/26/24 09:34	06/26/24 12:34	1
Dibromofluoromethane	105		77 - 127	06/26/24 09:34	06/26/24 12:34	1
Toluene-d8 (Surr)	94		76 - 127	06/26/24 09:34	06/26/24 12:34	1

Lab Sample ID: LCS 400-676091/2-A
Matrix: Solid
Analysis Batch: 676058

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 676091

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Acetone	0.200	0.1543		mg/Kg		77	48 - 150
Benzene	0.0500	0.04329		mg/Kg		87	65 - 130
Bromoform	0.0500	0.04183		mg/Kg		84	52 - 136
Bromomethane	0.0500	0.04241		mg/Kg		85	12 - 150
2-Butanone (MEK)	0.200	0.1679		mg/Kg		84	55 - 130
Carbon disulfide	0.0500	0.04216		mg/Kg		84	46 - 141
Carbon tetrachloride	0.0500	0.04479		mg/Kg		90	60 - 130
Chlorobenzene	0.0500	0.04485		mg/Kg		90	70 - 130
Chlorobromomethane	0.0500	0.04461		mg/Kg		89	65 - 130
Chlorodibromomethane	0.0500	0.04452		mg/Kg		89	58 - 132
Chloroethane	0.0500	0.04236		mg/Kg		85	55 - 134
Chloroform	0.0500	0.04430		mg/Kg		89	62 - 130
Chloromethane	0.0500	0.04518		mg/Kg		90	49 - 136
cis-1,2-Dichloroethene	0.0500	0.04489		mg/Kg		90	53 - 135
cis-1,3-Dichloropropene	0.0500	0.04458		mg/Kg		89	61 - 130
Cyclohexane	0.0500	0.04168		mg/Kg		83	61 - 130
1,2-Dibromo-3-Chloropropane	0.0500	0.04158		mg/Kg		83	49 - 130
1,2-Dichlorobenzene	0.0500	0.04547		mg/Kg		91	64 - 130
1,3-Dichlorobenzene	0.0500	0.04592		mg/Kg		92	66 - 130
1,4-Dichlorobenzene	0.0500	0.04485		mg/Kg		90	65 - 130
Dichlorobromomethane	0.0500	0.04413		mg/Kg		88	61 - 130
Dichlorodifluoromethane	0.0500	0.03623		mg/Kg		72	34 - 143
1,1-Dichloroethane	0.0500	0.04343		mg/Kg		87	59 - 130
1,2-Dichloroethane	0.0500	0.04525		mg/Kg		91	62 - 130
1,1-Dichloroethene	0.0500	0.04303		mg/Kg		86	55 - 137
1,2-Dichloropropane	0.0500	0.04238		mg/Kg		85	64 - 130
Ethylbenzene	0.0500	0.04478		mg/Kg		90	70 - 130
Ethylene Dibromide	0.0500	0.04406		mg/Kg		88	67 - 130
2-Hexanone	0.200	0.1574		mg/Kg		79	57 - 131
Isopropylbenzene	0.0500	0.04569		mg/Kg		91	70 - 130
Methyl acetate	0.100	0.09015		mg/Kg		90	49 - 139
Methylcyclohexane	0.0500	0.04409		mg/Kg		88	64 - 130
Methylene Chloride	0.0500	0.04799		mg/Kg		96	57 - 132
4-Methyl-2-pentanone (MIBK)	0.200	0.1742		mg/Kg		87	58 - 130
Methyl tert-butyl ether	0.0500	0.04336		mg/Kg		87	63 - 130

QC Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 400-676091/2-A
Matrix: Solid
Analysis Batch: 676058

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 676091

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
m-Xylene & p-Xylene	0.0500	0.04490		mg/Kg		90	70 - 130	
o-Xylene	0.0500	0.04453		mg/Kg		89	70 - 130	
Styrene	0.0500	0.04450		mg/Kg		89	68 - 130	
1,1,2,2-Tetrachloroethane	0.0500	0.04266		mg/Kg		85	60 - 131	
Tetrachloroethene	0.0500	0.04403		mg/Kg		88	67 - 130	
Toluene	0.0500	0.04298		mg/Kg		86	70 - 130	
trans-1,2-Dichloroethene	0.0500	0.04285		mg/Kg		86	58 - 134	
trans-1,3-Dichloropropene	0.0500	0.04538		mg/Kg		91	60 - 130	
1,2,3-Trichlorobenzene	0.0500	0.04557		mg/Kg		91	58 - 135	
1,2,4-Trichlorobenzene	0.0500	0.04661		mg/Kg		93	56 - 138	
1,1,1-Trichloroethane	0.0500	0.04421		mg/Kg		88	63 - 130	
1,1,2-Trichloroethane	0.0500	0.04346		mg/Kg		87	65 - 130	
Trichloroethene	0.0500	0.04580		mg/Kg		92	65 - 130	
Trichlorofluoromethane	0.0500	0.04248		mg/Kg		85	61 - 136	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.04228		mg/Kg		85	47 - 143	
Vinyl chloride	0.0500	0.03687		mg/Kg		74	52 - 132	
Xylenes, Total	0.100	0.08943		mg/Kg		89	70 - 130	

Surrogate	LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	99		67 - 130
Dibromofluoromethane	99		77 - 127
Toluene-d8 (Surr)	98		76 - 127

Lab Sample ID: LCSD 400-676091/3-A
Matrix: Solid
Analysis Batch: 676058

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 676091

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	
							Limits		RPD	Limit
Acetone	0.200	0.1953		mg/Kg		98	48 - 150		23	30
Benzene	0.0500	0.04714		mg/Kg		94	65 - 130		9	30
Bromoform	0.0500	0.04543		mg/Kg		91	52 - 136		8	30
Bromomethane	0.0500	0.04393		mg/Kg		88	12 - 150		4	30
2-Butanone (MEK)	0.200	0.2134		mg/Kg		107	55 - 130		24	30
Carbon disulfide	0.0500	0.04550		mg/Kg		91	46 - 141		8	30
Carbon tetrachloride	0.0500	0.04881		mg/Kg		98	60 - 130		9	30
Chlorobenzene	0.0500	0.04821		mg/Kg		96	70 - 130		7	30
Chlorobromomethane	0.0500	0.04921		mg/Kg		98	65 - 130		10	30
Chlorodibromomethane	0.0500	0.04862		mg/Kg		97	58 - 132		9	30
Chloroethane	0.0500	0.04191		mg/Kg		84	55 - 134		1	30
Chloroform	0.0500	0.04872		mg/Kg		97	62 - 130		10	30
Chloromethane	0.0500	0.03910		mg/Kg		78	49 - 136		14	30
cis-1,2-Dichloroethene	0.0500	0.04846		mg/Kg		97	53 - 135		8	30
cis-1,3-Dichloropropene	0.0500	0.04959		mg/Kg		99	61 - 130		11	30
Cyclohexane	0.0500	0.04474		mg/Kg		89	61 - 130		7	30
1,2-Dibromo-3-Chloropropane	0.0500	0.04412		mg/Kg		88	49 - 130		6	30
1,2-Dichlorobenzene	0.0500	0.04799		mg/Kg		96	64 - 130		5	30
1,3-Dichlorobenzene	0.0500	0.04778		mg/Kg		96	66 - 130		4	30
1,4-Dichlorobenzene	0.0500	0.04681		mg/Kg		94	65 - 130		4	30

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QC Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 400-676091/3-A

Matrix: Solid

Analysis Batch: 676058

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 676091

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
	Added	Result	Qualifier				Limits		
Dichlorobromomethane	0.0500	0.04984		mg/Kg		100	61 - 130	12	30
Dichlorodifluoromethane	0.0500	0.03543		mg/Kg		71	34 - 143	2	30
1,1-Dichloroethane	0.0500	0.04740		mg/Kg		95	59 - 130	9	30
1,2-Dichloroethane	0.0500	0.05031		mg/Kg		101	62 - 130	11	30
1,1-Dichloroethene	0.0500	0.04543		mg/Kg		91	55 - 137	5	30
1,2-Dichloropropane	0.0500	0.04977		mg/Kg		100	64 - 130	16	30
Ethylbenzene	0.0500	0.04757		mg/Kg		95	70 - 130	6	30
Ethylene Dibromide	0.0500	0.04929		mg/Kg		99	67 - 130	11	30
2-Hexanone	0.200	0.2117		mg/Kg		106	57 - 131	29	30
Isopropylbenzene	0.0500	0.04825		mg/Kg		97	70 - 130	5	30
Methyl acetate	0.100	0.09637		mg/Kg		96	49 - 139	7	30
Methylcyclohexane	0.0500	0.04763		mg/Kg		95	64 - 130	8	30
Methylene Chloride	0.0500	0.05492		mg/Kg		110	57 - 132	13	30
4-Methyl-2-pentanone (MIBK)	0.200	0.2095		mg/Kg		105	58 - 130	18	30
Methyl tert-butyl ether	0.0500	0.04854		mg/Kg		97	63 - 130	11	30
m-Xylene & p-Xylene	0.0500	0.04824		mg/Kg		96	70 - 130	7	30
o-Xylene	0.0500	0.04785		mg/Kg		96	70 - 130	7	30
Styrene	0.0500	0.04806		mg/Kg		96	68 - 130	8	30
1,1,2,2-Tetrachloroethane	0.0500	0.04658		mg/Kg		93	60 - 131	9	30
Tetrachloroethene	0.0500	0.04735		mg/Kg		95	67 - 130	7	30
Toluene	0.0500	0.04690		mg/Kg		94	70 - 130	9	30
trans-1,2-Dichloroethene	0.0500	0.04708		mg/Kg		94	58 - 134	9	30
trans-1,3-Dichloropropene	0.0500	0.04886		mg/Kg		98	60 - 130	7	30
1,2,3-Trichlorobenzene	0.0500	0.04805		mg/Kg		96	58 - 135	5	30
1,2,4-Trichlorobenzene	0.0500	0.04864		mg/Kg		97	56 - 138	4	30
1,1,1-Trichloroethane	0.0500	0.04831		mg/Kg		97	63 - 130	9	30
1,1,2-Trichloroethane	0.0500	0.04767		mg/Kg		95	65 - 130	9	30
Trichloroethene	0.0500	0.04885		mg/Kg		98	65 - 130	6	30
Trichlorofluoromethane	0.0500	0.04143		mg/Kg		83	61 - 136	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.04455		mg/Kg		89	47 - 143	5	30
Vinyl chloride	0.0500	0.03541		mg/Kg		71	52 - 132	4	30
Xylenes, Total	0.100	0.09609		mg/Kg		96	70 - 130	7	30

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	97		67 - 130
Dibromofluoromethane	98		77 - 127
Toluene-d8 (Surr)	98		76 - 127

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 400-675968/1-A

Matrix: Solid

Analysis Batch: 676237

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 675968

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Acenaphthylene	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
Acetophenone	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
Anthracene	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1

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QC Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 400-675968/1-A

Matrix: Solid

Analysis Batch: 676237

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 675968

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Atrazine	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
Benzaldehyde	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
Benzo[a]anthracene	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
Benzo[a]pyrene	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
Benzo[b]fluoranthene	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
Benzo[g,h,i]perylene	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
Benzo[k]fluoranthene	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
1,1'-Biphenyl	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
Bis(2-chloroethyl)ether	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
Bis(2-ethylhexyl) phthalate	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
4-Bromophenyl phenyl ether	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
Butyl benzyl phthalate	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
Caprolactam	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
4-Chloroaniline	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
4-Chloro-3-methylphenol	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
2-Chloronaphthalene	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
2-Chlorophenol	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
4-Chlorophenyl phenyl ether	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
Chrysene	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
Dibenz(a,h)anthracene	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
Dibenzofuran	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
3,3'-Dichlorobenzidine	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
2,4-Dichlorophenol	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
Diethyl phthalate	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
Dimethyl phthalate	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
Di-n-butyl phthalate	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
4,6-Dinitro-2-methylphenol	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
2,4-Dinitrophenol	<0.990	U	0.990	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
2,4-Dinitrotoluene	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
2,6-Dinitrotoluene	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
Di-n-octyl phthalate	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
Fluorene	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
Hexachlorobenzene	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
Hexachlorobutadiene	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
Hexachloroethane	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
Indeno[1,2,3-cd]pyrene	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
2-Methylnaphthalene	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
2-Methylphenol	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
3 & 4 Methylphenol	<0.660	U	0.660	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
Naphthalene	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
2-Nitroaniline	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
3-Nitroaniline	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
4-Nitroaniline	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
Nitrobenzene	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
2-Nitrophenol	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
4-Nitrophenol	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
N-Nitrosodi-n-propylamine	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
n-Nitrosodiphenylamine(as diphenylamine)	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1

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QC Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 400-675968/1-A

Matrix: Solid

Analysis Batch: 676237

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 675968

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
2,2'-oxybis(1-chloropropane)	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
Pentachlorophenol	<0.660	U	0.660	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
Phenanthrene	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
Phenol	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
Pyrene	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
2,4,5-Trichlorophenol	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1
2,4,6-Trichlorophenol	<0.330	U	0.330	mg/Kg		06/25/24 11:35	06/27/24 16:49	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2-Fluorobiphenyl	67		27 - 127	06/25/24 11:35	06/27/24 16:49	1
2-Fluorophenol (Surr)	68		25 - 128	06/25/24 11:35	06/27/24 16:49	1
Nitrobenzene-d5 (Surr)	70		15 - 136	06/25/24 11:35	06/27/24 16:49	1
Phenol-d5 (Surr)	76		29 - 130	06/25/24 11:35	06/27/24 16:49	1
Terphenyl-d14 (Surr)	92		24 - 146	06/25/24 11:35	06/27/24 16:49	1
2,4,6-Tribromophenol (Surr)	62		10 - 150	06/25/24 11:35	06/27/24 16:49	1

Lab Sample ID: LCS 400-675968/2-A

Matrix: Solid

Analysis Batch: 676237

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 675968

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Acenaphthene	2.00	1.366		mg/Kg		68	46 - 112
Acenaphthylene	2.00	1.376		mg/Kg		69	41 - 116
Anthracene	2.00	1.560		mg/Kg		78	43 - 120
Benzo[a]anthracene	2.00	1.720		mg/Kg		86	45 - 122
Benzo[a]pyrene	2.00	1.687		mg/Kg		84	40 - 121
Benzo[b]fluoranthene	2.00	1.787		mg/Kg		89	37 - 116
Benzo[g,h,i]perylene	2.00	1.672		mg/Kg		84	34 - 120
Benzo[k]fluoranthene	2.00	1.823		mg/Kg		91	35 - 133
Bis(2-chloroethoxy)methane	2.00	1.212		mg/Kg		61	33 - 100
Bis(2-chloroethyl)ether	2.00	1.198		mg/Kg		60	28 - 120
Bis(2-ethylhexyl) phthalate	2.00	1.796		mg/Kg		90	40 - 150
4-Bromophenyl phenyl ether	2.00	1.548		mg/Kg		77	51 - 120
Butyl benzyl phthalate	2.00	1.749		mg/Kg		87	50 - 126
Carbazole	2.00	1.823		mg/Kg		91	36 - 132
4-Chloroaniline	2.00	1.288		mg/Kg		64	26 - 102
4-Chloro-3-methylphenol	2.00	1.538		mg/Kg		77	57 - 124
2-Chloronaphthalene	2.00	1.318		mg/Kg		66	48 - 102
2-Chlorophenol	2.00	1.534		mg/Kg		77	50 - 102
4-Chlorophenyl phenyl ether	2.00	1.475		mg/Kg		74	53 - 113
Chrysene	2.00	1.713		mg/Kg		86	42 - 132
Dibenz(a,h)anthracene	2.00	1.885		mg/Kg		94	36 - 127
Dibenzofuran	2.00	1.403		mg/Kg		70	54 - 105
2,4-Dichlorophenol	2.00	1.496		mg/Kg		75	53 - 120
Diethyl phthalate	2.00	1.701		mg/Kg		85	40 - 128
2,4-Dimethylphenol	2.00	1.138		mg/Kg		57	45 - 108
Dimethyl phthalate	2.00	1.437		mg/Kg		72	58 - 120
Di-n-butyl phthalate	2.00	1.611		mg/Kg		81	40 - 122

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QC Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 400-675968/2-A

Matrix: Solid

Analysis Batch: 676237

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 675968

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,6-Dinitro-2-methylphenol	4.00	3.682		mg/Kg		92	35 - 135
2,4-Dinitrophenol	4.00	3.458		mg/Kg		86	10 - 138
2,4-Dinitrotoluene	2.00	1.519		mg/Kg		76	53 - 133
2,6-Dinitrotoluene	2.00	1.459		mg/Kg		73	51 - 114
Di-n-octyl phthalate	2.00	1.836		mg/Kg		92	40 - 137
Fluoranthene	2.00	1.549		mg/Kg		77	42 - 124
Fluorene	2.00	1.554		mg/Kg		78	45 - 116
Hexachlorobenzene	2.00	1.596		mg/Kg		80	49 - 127
Hexachlorobutadiene	2.00	1.557		mg/Kg		78	43 - 120
Hexachlorocyclopentadiene	2.00	1.115		mg/Kg		56	10 - 140
Hexachloroethane	2.00	1.523		mg/Kg		76	45 - 120
Indeno[1,2,3-cd]pyrene	2.00	1.824		mg/Kg		91	40 - 117
Isophorone	2.00	1.272		mg/Kg		64	36 - 120
2-Methylnaphthalene	2.00	1.464		mg/Kg		73	39 - 112
2-Methylphenol	2.00	1.570		mg/Kg		79	49 - 111
3 & 4 Methylphenol	2.00	1.581		mg/Kg		79	47 - 123
Naphthalene	2.00	1.428		mg/Kg		71	40 - 106
2-Nitroaniline	2.00	1.382		mg/Kg		69	46 - 108
3-Nitroaniline	2.00	1.316		mg/Kg		66	28 - 119
4-Nitroaniline	2.00	1.440		mg/Kg		72	32 - 131
Nitrobenzene	2.00	1.375		mg/Kg		69	40 - 120
2-Nitrophenol	2.00	1.541		mg/Kg		77	53 - 120
4-Nitrophenol	4.00	4.164		mg/Kg		104	35 - 139
N-Nitrosodi-n-propylamine	2.00	1.391		mg/Kg		70	39 - 120
n-Nitrosodiphenylamine(as diphenylamine)	1.98	1.449		mg/Kg		73	54 - 120
2,2'-oxybis(1-chloropropane)	2.00	1.127		mg/Kg		56	18 - 105
Pentachlorophenol	4.00	3.348		mg/Kg		84	32 - 131
Phenanthrene	2.00	1.571		mg/Kg		79	47 - 111
Phenol	2.00	1.584		mg/Kg		79	40 - 120
Pyrene	2.00	1.663		mg/Kg		83	41 - 124
2,4,5-Trichlorophenol	2.00	1.505		mg/Kg		75	50 - 118
2,4,6-Trichlorophenol	2.00	1.456		mg/Kg		73	49 - 115

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	70		27 - 127
2-Fluorophenol (Surr)	70		25 - 128
Nitrobenzene-d5 (Surr)	87		15 - 136
Phenol-d5 (Surr)	79		29 - 130
Terphenyl-d14 (Surr)	83		24 - 146
2,4,6-Tribromophenol (Surr)	64		10 - 150

Lab Sample ID: 400-257981-1 MS

Matrix: Solid

Analysis Batch: 676237

Client Sample ID: B1 (A-F)

Prep Type: Total/NA

Prep Batch: 675968

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec Limits
				Result	Qualifier				
Acenaphthene	<0.389	U	2.41	1.644		mg/Kg	☼	68	40 - 140
Acenaphthylene	<0.389	U	2.41	1.637		mg/Kg	☼	68	40 - 140

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QC Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-257981-1 MS

Matrix: Solid

Analysis Batch: 676237

Client Sample ID: B1 (A-F)

Prep Type: Total/NA

Prep Batch: 675968

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier	Added	Result	Qualifier				
Anthracene	<0.389	U	2.41	1.863		mg/Kg	✖	NaN	40 - 140
Benzo[a]anthracene	<0.389	U	2.41	2.105		mg/Kg	✖	NaN	40 - 140
Benzo[a]pyrene	<0.389	U	2.41	2.097		mg/Kg	✖	NaN	40 - 140
Benzo[b]fluoranthene	<0.389	U	2.41	2.221		mg/Kg	✖	NaN	40 - 140
Benzo[g,h,i]perylene	<0.389	U	2.41	1.968		mg/Kg	✖	NaN	40 - 140
Benzo[k]fluoranthene	<0.389	U	2.41	2.240		mg/Kg	✖	NaN	40 - 140
Bis(2-chloroethoxy)methane	<0.389	U	2.41	1.447		mg/Kg	✖	60	40 - 140
Bis(2-chloroethyl)ether	<0.389	U	2.41	1.289		mg/Kg	✖	53	40 - 140
Bis(2-ethylhexyl) phthalate	<0.389	U	2.41	2.191		mg/Kg	✖	NaN	40 - 140
4-Bromophenyl phenyl ether	<0.389	U	2.41	1.877		mg/Kg	✖	78	40 - 140
Butyl benzyl phthalate	<0.389	U	2.41	2.133		mg/Kg	✖	88	40 - 140
Carbazole	<0.389	U	2.41	1.948		mg/Kg	✖	NaN	40 - 140
4-Chloroaniline	<0.389	U	2.41	1.226		mg/Kg	✖	51	40 - 140
4-Chloro-3-methylphenol	<0.389	U	2.41	1.793		mg/Kg	✖	74	40 - 140
2-Chloronaphthalene	<0.389	U	2.41	1.577		mg/Kg	✖	65	40 - 140
2-Chlorophenol	<0.389	U	2.41	1.756		mg/Kg	✖	73	40 - 140
4-Chlorophenyl phenyl ether	<0.389	U	2.41	1.775		mg/Kg	✖	74	40 - 140
Chrysene	<0.389	U	2.41	2.182		mg/Kg	✖	NaN	40 - 140
Dibenz(a,h)anthracene	<0.389	U	2.41	2.156		mg/Kg	✖	NaN	40 - 140
Dibenzofuran	<0.389	U	2.41	1.684		mg/Kg	✖	70	40 - 140
2,4-Dichlorophenol	<0.389	U	2.41	1.718		mg/Kg	✖	71	40 - 140
Diethyl phthalate	<0.389	U	2.41	2.041		mg/Kg	✖	85	40 - 140
2,4-Dimethylphenol	<0.389	U F1	2.41	0.8053	F1	mg/Kg	✖	33	40 - 140
Dimethyl phthalate	<0.389	U	2.41	1.723		mg/Kg	✖	71	40 - 140
Di-n-butyl phthalate	<0.389	U	2.41	1.973		mg/Kg	✖	NaN	40 - 140
4,6-Dinitro-2-methylphenol	<0.389	U	4.83	4.419		mg/Kg	✖	92	40 - 140
2,4-Dinitrophenol	<1.17	U	4.83	3.669		mg/Kg	✖	76	40 - 140
2,4-Dinitrotoluene	<0.389	U	2.41	1.838		mg/Kg	✖	76	40 - 140
2,6-Dinitrotoluene	<0.389	U	2.41	1.752		mg/Kg	✖	73	40 - 140
Di-n-octyl phthalate	<0.389	U	2.41	2.265		mg/Kg	✖	94	40 - 140
Fluoranthene	<0.389	U	2.41	2.075		mg/Kg	✖	NaN	40 - 140
Fluorene	<0.389	U	2.41	1.854		mg/Kg	✖	77	40 - 140
Hexachlorobenzene	<0.389	U	2.41	1.936		mg/Kg	✖	80	40 - 140
Hexachlorobutadiene	<0.389	U	2.41	1.772		mg/Kg	✖	73	40 - 140
Hexachlorocyclopentadiene	<0.389	U	2.41	1.311		mg/Kg	✖	54	40 - 140
Hexachloroethane	<0.389	U	2.41	1.797		mg/Kg	✖	74	40 - 140
Indeno[1,2,3-cd]pyrene	<0.389	U	2.41	2.117		mg/Kg	✖	NaN	40 - 140
Isophorone	<0.389	U	2.41	1.519		mg/Kg	✖	63	40 - 140
2-Methylnaphthalene	<0.389	U	2.41	1.746		mg/Kg	✖	72	40 - 140
2-Methylphenol	<0.389	U	2.41	1.672		mg/Kg	✖	69	40 - 140
3 & 4 Methylphenol	<0.778	U	2.41	1.715		mg/Kg	✖	71	40 - 140
Naphthalene	<0.389	U	2.41	1.681		mg/Kg	✖	70	40 - 140
2-Nitroaniline	<0.389	U	2.41	1.647		mg/Kg	✖	68	40 - 140
3-Nitroaniline	<0.389	U	2.41	1.173		mg/Kg	✖	49	40 - 140
4-Nitroaniline	<0.389	U	2.41	1.206		mg/Kg	✖	50	40 - 140
Nitrobenzene	<0.389	U	2.41	1.629		mg/Kg	✖	67	40 - 140
2-Nitrophenol	<0.389	U	2.41	1.826		mg/Kg	✖	76	40 - 140
4-Nitrophenol	<0.389	U	4.83	5.132		mg/Kg	✖	106	40 - 140
N-Nitrosodi-n-propylamine	<0.389	U	2.41	1.655		mg/Kg	✖	69	40 - 140

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QC Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-257981-1 MS

Matrix: Solid

Analysis Batch: 676237

Client Sample ID: B1 (A-F)

Prep Type: Total/NA

Prep Batch: 675968

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier	Added	Result	Qualifier				
n-Nitrosodiphenylamine(as diphenylamine)	<0.389	U	2.39	1.351		mg/Kg	⊛	56	40 - 140
2,2'-oxybis(1-chloropropane)	<0.389	U	2.41	1.344		mg/Kg	⊛	56	40 - 140
Pentachlorophenol	<0.778	U	4.83	3.748		mg/Kg	⊛	78	40 - 140
Phenanthrene	<0.389	U	2.41	1.954		mg/Kg	⊛	NaN	40 - 140
Phenol	<0.389	U	2.41	1.751		mg/Kg	⊛	73	40 - 140
Pyrene	<0.389	U	2.41	2.075		mg/Kg	⊛	NaN	40 - 140
2,4,5-Trichlorophenol	<0.389	U	2.41	1.844		mg/Kg	⊛	76	40 - 140
2,4,6-Trichlorophenol	<0.389	U	2.41	1.626		mg/Kg	⊛	67	40 - 140

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	67		27 - 127
2-Fluorophenol (Surr)	62		25 - 128
Nitrobenzene-d5 (Surr)	84		15 - 136
Phenol-d5 (Surr)	72		29 - 130
Terphenyl-d14 (Surr)	78		24 - 146
2,4,6-Tribromophenol (Surr)	56		10 - 150

Lab Sample ID: 400-257981-1 MSD

Matrix: Solid

Analysis Batch: 676237

Client Sample ID: B1 (A-F)

Prep Type: Total/NA

Prep Batch: 675968

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
Acenaphthene	<0.389	U	2.37	1.649		mg/Kg	⊛	70	40 - 140	0	30	
Acenaphthylene	<0.389	U	2.37	1.625		mg/Kg	⊛	68	40 - 140	1	30	
Anthracene	<0.389	U	2.37	1.808		mg/Kg	⊛	NaN	40 - 140	3	30	
Benzo[a]anthracene	<0.389	U	2.37	2.036		mg/Kg	⊛	NaN	40 - 140	3	30	
Benzo[a]pyrene	<0.389	U	2.37	1.973		mg/Kg	⊛	NaN	40 - 140	6	30	
Benzo[b]fluoranthene	<0.389	U	2.37	2.106		mg/Kg	⊛	NaN	40 - 140	5	30	
Benzo[g,h,i]perylene	<0.389	U	2.37	1.945		mg/Kg	⊛	NaN	40 - 140	1	30	
Benzo[k]fluoranthene	<0.389	U	2.37	2.057		mg/Kg	⊛	NaN	40 - 140	9	30	
Bis(2-chloroethoxy)methane	<0.389	U	2.37	1.438		mg/Kg	⊛	61	40 - 140	1	30	
Bis(2-chloroethyl)ether	<0.389	U	2.37	1.264		mg/Kg	⊛	53	40 - 140	2	30	
Bis(2-ethylhexyl) phthalate	<0.389	U	2.37	2.124		mg/Kg	⊛	NaN	40 - 140	3	30	
4-Bromophenyl phenyl ether	<0.389	U	2.37	1.827		mg/Kg	⊛	77	40 - 140	3	30	
Butyl benzyl phthalate	<0.389	U	2.37	2.089		mg/Kg	⊛	88	40 - 140	2	30	
Carbazole	<0.389	U	2.37	1.972		mg/Kg	⊛	NaN	40 - 140	1	30	
4-Chloroaniline	<0.389	U	2.37	1.196		mg/Kg	⊛	50	40 - 140	3	30	
4-Chloro-3-methylphenol	<0.389	U	2.37	1.825		mg/Kg	⊛	77	40 - 140	2	30	
2-Chloronaphthalene	<0.389	U	2.37	1.569		mg/Kg	⊛	66	40 - 140	0	30	
2-Chlorophenol	<0.389	U	2.37	1.759		mg/Kg	⊛	74	40 - 140	0	30	
4-Chlorophenyl phenyl ether	<0.389	U	2.37	1.751		mg/Kg	⊛	74	40 - 140	1	30	
Chrysene	<0.389	U	2.37	2.049		mg/Kg	⊛	NaN	40 - 140	6	30	
Dibenz(a,h)anthracene	<0.389	U	2.37	2.172		mg/Kg	⊛	NaN	40 - 140	1	30	
Dibenzofuran	<0.389	U	2.37	1.677		mg/Kg	⊛	71	40 - 140	0	30	
2,4-Dichlorophenol	<0.389	U	2.37	1.784		mg/Kg	⊛	75	40 - 140	4	30	
Diethyl phthalate	<0.389	U	2.37	1.970		mg/Kg	⊛	83	40 - 140	4	30	
2,4-Dimethylphenol	<0.389	U F1	2.37	0.8803	F1	mg/Kg	⊛	37	40 - 140	9	30	
Dimethyl phthalate	<0.389	U	2.37	1.661		mg/Kg	⊛	70	40 - 140	4	30	

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QC Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-257981-1 MSD

Matrix: Solid

Analysis Batch: 676237

Client Sample ID: B1 (A-F)

Prep Type: Total/NA

Prep Batch: 675968

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		
Di-n-butyl phthalate	<0.389	U	2.37	1.870		mg/Kg	*	NaN	40 - 140	5	30
4,6-Dinitro-2-methylphenol	<0.389	U	4.75	4.674		mg/Kg	*	98	40 - 140	6	30
2,4-Dinitrophenol	<1.17	U	4.75	4.189		mg/Kg	*	88	40 - 140	13	30
2,4-Dinitrotoluene	<0.389	U	2.37	1.788		mg/Kg	*	75	40 - 140	3	30
2,6-Dinitrotoluene	<0.389	U	2.37	1.710		mg/Kg	*	72	40 - 140	2	30
Di-n-octyl phthalate	<0.389	U	2.37	2.188		mg/Kg	*	92	40 - 140	3	30
Fluoranthene	<0.389	U	2.37	1.920		mg/Kg	*	NaN	40 - 140	8	30
Fluorene	<0.389	U	2.37	1.861		mg/Kg	*	78	40 - 140	0	30
Hexachlorobenzene	<0.389	U	2.37	1.914		mg/Kg	*	81	40 - 140	1	30
Hexachlorobutadiene	<0.389	U	2.37	1.778		mg/Kg	*	75	40 - 140	0	30
Hexachlorocyclopentadiene	<0.389	U	2.37	1.376		mg/Kg	*	58	40 - 140	5	30
Hexachloroethane	<0.389	U	2.37	1.770		mg/Kg	*	75	40 - 140	2	30
Indeno[1,2,3-cd]pyrene	<0.389	U	2.37	2.106		mg/Kg	*	NaN	40 - 140	1	30
Isophorone	<0.389	U	2.37	1.512		mg/Kg	*	64	40 - 140	0	30
2-Methylnaphthalene	<0.389	U	2.37	1.745		mg/Kg	*	74	40 - 140	0	30
2-Methylphenol	<0.389	U	2.37	1.716		mg/Kg	*	72	40 - 140	3	30
3 & 4 Methylphenol	<0.778	U	2.37	1.800		mg/Kg	*	76	40 - 140	5	30
Naphthalene	<0.389	U	2.37	1.672		mg/Kg	*	70	40 - 140	1	30
2-Nitroaniline	<0.389	U	2.37	1.637		mg/Kg	*	69	40 - 140	1	30
3-Nitroaniline	<0.389	U	2.37	1.168		mg/Kg	*	49	40 - 140	0	30
4-Nitroaniline	<0.389	U	2.37	1.257		mg/Kg	*	53	40 - 140	4	30
Nitrobenzene	<0.389	U	2.37	1.604		mg/Kg	*	68	40 - 140	2	30
2-Nitrophenol	<0.389	U	2.37	1.841		mg/Kg	*	78	40 - 140	1	30
4-Nitrophenol	<0.389	U	4.75	5.193		mg/Kg	*	109	40 - 140	1	30
N-Nitrosodi-n-propylamine	<0.389	U	2.37	1.645		mg/Kg	*	69	40 - 140	1	30
n-Nitrosodiphenylamine(as diphenylamine)	<0.389	U	2.35	1.394		mg/Kg	*	59	40 - 140	3	30
2,2'-oxybis(1-chloropropane)	<0.389	U	2.37	1.304		mg/Kg	*	55	40 - 140	3	30
Pentachlorophenol	<0.778	U	4.75	3.795		mg/Kg	*	80	40 - 140	1	30
Phenanthrene	<0.389	U	2.37	1.909		mg/Kg	*	NaN	40 - 140	2	30
Phenol	<0.389	U	2.37	1.645		mg/Kg	*	69	40 - 140	6	30
Pyrene	<0.389	U	2.37	2.041		mg/Kg	*	NaN	40 - 140	2	30
2,4,5-Trichlorophenol	<0.389	U	2.37	1.775		mg/Kg	*	75	40 - 140	4	30
2,4,6-Trichlorophenol	<0.389	U	2.37	1.659		mg/Kg	*	70	40 - 140	2	30

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	68		27 - 127
2-Fluorophenol (Surr)	64		25 - 128
Nitrobenzene-d5 (Surr)	84		15 - 136
Phenol-d5 (Surr)	74		29 - 130
Terphenyl-d14 (Surr)	79		24 - 146
2,4,6-Tribromophenol (Surr)	56		10 - 150

QC Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 400-675975/1-A
Matrix: Solid
Analysis Batch: 676206

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 675975

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
PCB-1016	<0.0170	U	0.0170	mg/Kg		06/25/24 11:47	06/27/24 13:06	1
PCB-1221	<0.0170	U	0.0170	mg/Kg		06/25/24 11:47	06/27/24 13:06	1
PCB-1232	<0.0170	U	0.0170	mg/Kg		06/25/24 11:47	06/27/24 13:06	1
PCB-1242	<0.0170	U	0.0170	mg/Kg		06/25/24 11:47	06/27/24 13:06	1
PCB-1248	<0.0170	U	0.0170	mg/Kg		06/25/24 11:47	06/27/24 13:06	1
PCB-1254	<0.0170	U	0.0170	mg/Kg		06/25/24 11:47	06/27/24 13:06	1
PCB-1260	<0.0170	U	0.0170	mg/Kg		06/25/24 11:47	06/27/24 13:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	79		26 - 129			06/25/24 11:47	06/27/24 13:06	1
Tetrachloro-m-xylene	66		31 - 122			06/25/24 11:47	06/27/24 13:06	1

Lab Sample ID: LCS 400-675975/2-A
Matrix: Solid
Analysis Batch: 676206

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 675975

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
PCB-1016	0.337	0.2408		mg/Kg		72	17 - 156
PCB-1260	0.335	0.2693		mg/Kg		80	27 - 133
Surrogate	%Recovery	Qualifier	Limits				
DCB Decachlorobiphenyl	86		26 - 129				
Tetrachloro-m-xylene	73		31 - 122				

Lab Sample ID: 400-257981-1 MS
Matrix: Solid
Analysis Batch: 676206

Client Sample ID: B1 (A-F)
Prep Type: Total/NA
Prep Batch: 675975

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec Limits
				Result	Qualifier				
PCB-1016	<0.0977	U	0.400	0.2793		mg/Kg	☼	70	60 - 140
PCB-1260	<0.0977	U	0.398	0.2901		mg/Kg	☼	73	60 - 140
Surrogate	%Recovery	Qualifier	Limits						
DCB Decachlorobiphenyl	66		26 - 129						
Tetrachloro-m-xylene	67		31 - 122						

Lab Sample ID: 400-257981-1 MSD
Matrix: Solid
Analysis Batch: 676206

Client Sample ID: B1 (A-F)
Prep Type: Total/NA
Prep Batch: 675975

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD		Unit	D	%Rec	%Rec Limits	RPD	
				Result	Qualifier					RPD	Limit
PCB-1016	<0.0977	U	0.399	0.3151		mg/Kg	☼	79	60 - 140	12	30
PCB-1260	<0.0977	U	0.397	0.3408		mg/Kg	☼	86	60 - 140	16	30
Surrogate	%Recovery	Qualifier	Limits								
DCB Decachlorobiphenyl	87		26 - 129								
Tetrachloro-m-xylene	75		31 - 122								

Eurofins Pensacola

QC Sample Results

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 680-844198/1-A
Matrix: Solid
Analysis Batch: 844418

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 844198

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Arsenic	<1.89	U	1.89	mg/Kg		06/26/24 08:51	06/26/24 17:31	1
Barium	<0.943	U	0.943	mg/Kg		06/26/24 08:51	06/26/24 17:31	1
Cadmium	<0.472	U	0.472	mg/Kg		06/26/24 08:51	06/26/24 17:31	1
Chromium	<0.943	U	0.943	mg/Kg		06/26/24 08:51	06/26/24 17:31	1
Silver	<0.943	U	0.943	mg/Kg		06/26/24 08:51	06/26/24 17:31	1
Lead	<0.943	U	0.943	mg/Kg		06/26/24 08:51	06/26/24 17:31	1
Selenium	<2.36	U	2.36	mg/Kg		06/26/24 08:51	06/26/24 17:31	1

Lab Sample ID: LCS 680-844198/2-A
Matrix: Solid
Analysis Batch: 844418

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 844198

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Arsenic	9.80	9.226		mg/Kg		94	80 - 120	
Barium	9.80	9.951		mg/Kg		101	80 - 120	
Cadmium	4.90	4.931		mg/Kg		101	80 - 120	
Chromium	9.84	11.74		mg/Kg		119	80 - 120	
Silver	4.90	4.617		mg/Kg		94	80 - 120	
Lead	49.0	49.78		mg/Kg		102	80 - 120	
Selenium	9.80	8.365		mg/Kg		85	80 - 120	

Lab Sample ID: MB 680-844223/1-A
Matrix: Solid
Analysis Batch: 844418

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 844223

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Arsenic	<1.92	U	1.92	mg/Kg		06/26/24 10:02	06/26/24 16:56	1
Barium	<0.962	U	0.962	mg/Kg		06/26/24 10:02	06/26/24 16:56	1
Cadmium	<0.481	U	0.481	mg/Kg		06/26/24 10:02	06/26/24 16:56	1
Chromium	<0.962	U	0.962	mg/Kg		06/26/24 10:02	06/26/24 16:56	1
Silver	<0.962	U	0.962	mg/Kg		06/26/24 10:02	06/26/24 16:56	1
Lead	<0.962	U	0.962	mg/Kg		06/26/24 10:02	06/26/24 16:56	1
Selenium	<2.40	U	2.40	mg/Kg		06/26/24 10:02	06/26/24 16:56	1

Lab Sample ID: LCS 680-844223/2-A
Matrix: Solid
Analysis Batch: 844418

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 844223

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Arsenic	9.43	8.798		mg/Kg		93	80 - 120	
Barium	9.43	9.118		mg/Kg		97	80 - 120	
Cadmium	4.72	4.572		mg/Kg		97	80 - 120	
Chromium	9.47	8.773		mg/Kg		93	80 - 120	
Silver	4.72	4.386		mg/Kg		93	80 - 120	
Lead	47.2	46.18		mg/Kg		98	80 - 120	
Selenium	9.43	8.439		mg/Kg		89	80 - 120	

QC Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 400-257981-10 MS
Matrix: Solid
Analysis Batch: 844418

Client Sample ID: B12 (A-D)
Prep Type: Total/NA
Prep Batch: 844223

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
Arsenic	8.13		12.2	19.12		mg/Kg	☼	90		75 - 125
Barium	61.7		12.2	71.30	4	mg/Kg	☼	78		75 - 125
Cadmium	<0.588	U	6.11	5.339		mg/Kg	☼	87		75 - 125
Chromium	54.6		12.3	65.87	4	mg/Kg	☼	92		75 - 125
Silver	<1.18	U	6.11	5.471		mg/Kg	☼	90		75 - 125
Lead	21.4		61.1	75.39		mg/Kg	☼	88		75 - 125
Selenium	<2.94	U F1	12.2	8.720	F1	mg/Kg	☼	71		75 - 125

Lab Sample ID: 400-257981-10 MSD
Matrix: Solid
Analysis Batch: 844418

Client Sample ID: B12 (A-D)
Prep Type: Total/NA
Prep Batch: 844223

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
Arsenic	8.13		12.2	20.38		mg/Kg	☼	100		75 - 125	6	20
Barium	61.7		12.2	69.65	4	mg/Kg	☼	65		75 - 125	2	20
Cadmium	<0.588	U	6.11	5.626		mg/Kg	☼	92		75 - 125	5	20
Chromium	54.6		12.3	71.71	4	mg/Kg	☼	140		75 - 125	8	20
Silver	<1.18	U	6.11	5.708		mg/Kg	☼	93		75 - 125	4	20
Lead	21.4		61.1	82.14		mg/Kg	☼	99		75 - 125	9	20
Selenium	<2.94	U F1	12.2	8.672	F1	mg/Kg	☼	71		75 - 125	1	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 680-844235/1-A
Matrix: Solid
Analysis Batch: 844412

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 844235

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Mercury	<0.0231	U	0.0231	mg/Kg		06/26/24 11:03	06/26/24 15:23	1

Lab Sample ID: LCS 680-844235/2-A
Matrix: Solid
Analysis Batch: 844412

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 844235

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec	Limits
Mercury	0.240	0.2463		mg/Kg		102		80 - 120

Lab Sample ID: MB 680-844255/1-A
Matrix: Solid
Analysis Batch: 844412

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 844255

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Mercury	<0.0231	U	0.0231	mg/Kg		06/26/24 13:06	06/26/24 17:03	1

Lab Sample ID: LCS 680-844255/2-A
Matrix: Solid
Analysis Batch: 844412

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 844255

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec	Limits
Mercury	0.227	0.2141		mg/Kg		94		80 - 120

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QC Sample Results

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: 400-257981-12 MS
Matrix: Solid
Analysis Batch: 844412

Client Sample ID: B15 (A-D)
Prep Type: Total/NA
Prep Batch: 844255

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.108		0.125	0.2203		mg/Kg	✱	89	80 - 120

Lab Sample ID: 400-257981-12 MSD
Matrix: Solid
Analysis Batch: 844412

Client Sample ID: B15 (A-D)
Prep Type: Total/NA
Prep Batch: 844255

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.108		0.116	0.2191		mg/Kg	✱	95	80 - 120	1	20

Method: Moisture - Percent Moisture

Lab Sample ID: 400-257981-16 DU
Matrix: Solid
Analysis Batch: 676106

Client Sample ID: B20 (A-D)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	80.8		75.0		%		7	10
Percent Moisture	19.2		25.0		%		26	

Lab Sample ID: 400-257981-1 DU
Matrix: Solid
Analysis Batch: 676107

Client Sample ID: B1 (A-F)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	82.1		83.5		%		2	10
Percent Moisture	17.9		16.5		%		8	

Lab Chronicle

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B1 (A-F)

Date Collected: 06/18/24 10:31

Date Received: 06/21/24 14:00

Lab Sample ID: 400-257981-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			676107	06/26/24 11:07	TMP	EET PEN

Client Sample ID: B1 (A-F)

Date Collected: 06/18/24 10:31

Date Received: 06/21/24 14:00

Lab Sample ID: 400-257981-1

Matrix: Solid

Percent Solids: 82.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.789 g	5 mL	676091	06/26/24 09:34	IMC	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	676058	06/26/24 14:22	CAR	EET PEN
Total/NA	Prep	3546			15.50 g	1 mL	675968	06/25/24 11:36	AP	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	676237	06/27/24 18:19	S1B	EET PEN
Total/NA	Prep	3546			15.90 g	5 mL	675975	06/25/24 11:47	AP	EET PEN
Total/NA	Analysis	8082A		5	1 mL	1 mL	676324	06/28/24 13:37	JAW	EET PEN
Total/NA	Prep	3050B			0.50 g	50 mL	844198	06/26/24 08:51	RS	EET SAV
Total/NA	Analysis	6010D		1			844418	06/26/24 18:13	BCB	EET SAV
Total/NA	Prep	7471B			0.53 g	50 mL	844235	06/26/24 11:03	MG	EET SAV
Total/NA	Analysis	7471B		1			844412	06/26/24 15:55	BJB	EET SAV

Client Sample ID: B2 (A-D)

Date Collected: 06/18/24 10:43

Date Received: 06/21/24 14:00

Lab Sample ID: 400-257981-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			676107	06/26/24 11:07	TMP	EET PEN

Client Sample ID: B2 (A-D)

Date Collected: 06/18/24 10:43

Date Received: 06/21/24 14:00

Lab Sample ID: 400-257981-2

Matrix: Solid

Percent Solids: 85.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8.663 g	5 mL	676091	06/26/24 09:34	IMC	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	676058	06/26/24 14:48	CAR	EET PEN
Total/NA	Prep	3546			15.88 g	1 mL	675968	06/25/24 11:36	AP	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	676237	06/27/24 18:42	S1B	EET PEN
Total/NA	Prep	3546			15.29 g	5 mL	675975	06/25/24 11:47	AP	EET PEN
Total/NA	Analysis	8082A		5	1 mL	1 mL	676324	06/28/24 13:50	JAW	EET PEN
Total/NA	Prep	3050B			0.56 g	50 mL	844198	06/26/24 08:51	RS	EET SAV
Total/NA	Analysis	6010D		1			844418	06/26/24 18:15	BCB	EET SAV
Total/NA	Prep	7471B			0.52 g	50 mL	844235	06/26/24 11:03	MG	EET SAV
Total/NA	Analysis	7471B		1			844412	06/26/24 15:57	BJB	EET SAV

Lab Chronicle

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B3 (A-D)

Lab Sample ID: 400-257981-3

Date Collected: 06/18/24 11:29

Matrix: Solid

Date Received: 06/21/24 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			676107	06/26/24 11:07	TMP	EET PEN

Client Sample ID: B3 (A-D)

Lab Sample ID: 400-257981-3

Date Collected: 06/18/24 11:29

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8.456 g	5 mL	676091	06/26/24 09:34	IMC	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	676058	06/26/24 15:16	CAR	EET PEN
Total/NA	Prep	3546			15.26 g	1 mL	675968	06/25/24 11:36	AP	EET PEN
Total/NA	Analysis	8270E		5	0.4 mL	0.4 mL	676237	06/27/24 19:05	S1B	EET PEN
Total/NA	Prep	3546			15.26 g	1 mL	675968	06/25/24 11:36	AP	EET PEN
Total/NA	Analysis	8270E		5	0.4 mL	0.4 mL	676370	06/28/24 13:19	VC1	EET PEN
Total/NA	Prep	3546			15.18 g	5 mL	675975	06/25/24 11:47	AP	EET PEN
Total/NA	Analysis	8082A		5	1 mL	1 mL	676324	06/28/24 14:03	JAW	EET PEN
Total/NA	Prep	3050B			0.50 g	50 mL	844198	06/26/24 08:51	RS	EET SAV
Total/NA	Analysis	6010D		1			844418	06/26/24 18:18	BCB	EET SAV
Total/NA	Prep	7471B			0.52 g	50 mL	844235	06/26/24 11:03	MG	EET SAV
Total/NA	Analysis	7471B		1			844412	06/26/24 15:59	BJB	EET SAV

Client Sample ID: B4 (A-D)

Lab Sample ID: 400-257981-4

Date Collected: 06/18/24 11:45

Matrix: Solid

Date Received: 06/21/24 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			676107	06/26/24 11:07	TMP	EET PEN

Client Sample ID: B4 (A-D)

Lab Sample ID: 400-257981-4

Date Collected: 06/18/24 11:45

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.916 g	5 mL	676091	06/26/24 09:34	IMC	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	676058	06/26/24 15:43	CAR	EET PEN
Total/NA	Prep	3546			15.35 g	1 mL	675968	06/25/24 11:36	AP	EET PEN
Total/NA	Analysis	8270E		2	0.4 mL	0.4 mL	676237	06/27/24 19:27	S1B	EET PEN
Total/NA	Prep	3546			15.35 g	1 mL	675968	06/25/24 11:36	AP	EET PEN
Total/NA	Analysis	8270E		2	0.4 mL	0.4 mL	676370	06/28/24 13:44	VC1	EET PEN
Total/NA	Prep	3546			15.37 g	5 mL	675975	06/25/24 11:47	AP	EET PEN
Total/NA	Analysis	8082A		5	1 mL	1 mL	676324	06/28/24 14:16	JAW	EET PEN
Total/NA	Prep	3050B			0.52 g	50 mL	844198	06/26/24 08:51	RS	EET SAV
Total/NA	Analysis	6010D		1			844418	06/26/24 18:25	BCB	EET SAV
Total/NA	Prep	7471B			0.52 g	50 mL	844235	06/26/24 11:03	MG	EET SAV
Total/NA	Analysis	7471B		1			844412	06/26/24 16:01	BJB	EET SAV

Lab Chronicle

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B5 (A-D)

Lab Sample ID: 400-257981-5

Date Collected: 06/18/24 12:03

Matrix: Solid

Date Received: 06/21/24 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			676107	06/26/24 11:07	TMP	EET PEN

Client Sample ID: B5 (A-D)

Lab Sample ID: 400-257981-5

Date Collected: 06/18/24 12:03

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 80.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.606 g	5 mL	676091	06/26/24 09:34	IMC	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	676058	06/26/24 16:10	CAR	EET PEN
Total/NA	Prep	3546			15.33 g	1 mL	675968	06/25/24 11:36	AP	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	676237	06/27/24 19:50	S1B	EET PEN
Total/NA	Prep	3546			15.27 g	5 mL	675975	06/25/24 11:47	AP	EET PEN
Total/NA	Analysis	8082A		1	1 mL	1 mL	676324	06/28/24 14:29	JAW	EET PEN
Total/NA	Prep	3050B			0.54 g	50 mL	844198	06/26/24 08:51	RS	EET SAV
Total/NA	Analysis	6010D		5			844418	06/27/24 10:31	BCB	EET SAV
Total/NA	Prep	7471B			0.52 g	50 mL	844235	06/26/24 11:03	MG	EET SAV
Total/NA	Analysis	7471B		1			844412	06/26/24 16:03	BJB	EET SAV

Client Sample ID: B6 (A-F)

Lab Sample ID: 400-257981-6

Date Collected: 06/18/24 10:08

Matrix: Solid

Date Received: 06/21/24 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			676107	06/26/24 11:07	TMP	EET PEN

Client Sample ID: B6 (A-F)

Lab Sample ID: 400-257981-6

Date Collected: 06/18/24 10:08

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 81.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.44 g	5 mL	676091	06/26/24 09:34	IMC	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	676058	06/26/24 16:37	CAR	EET PEN
Total/NA	Prep	3546			15.81 g	1 mL	675968	06/25/24 11:36	AP	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	676237	06/27/24 20:12	S1B	EET PEN
Total/NA	Prep	3546			15.18 g	5 mL	675975	06/25/24 11:47	AP	EET PEN
Total/NA	Analysis	8082A		1	1 mL	1 mL	676324	06/28/24 14:42	JAW	EET PEN
Total/NA	Prep	3050B			0.51 g	50 mL	844198	06/26/24 08:51	RS	EET SAV
Total/NA	Analysis	6010D		1			844418	06/26/24 18:30	BCB	EET SAV
Total/NA	Prep	7471B			0.54 g	50 mL	844235	06/26/24 11:03	MG	EET SAV
Total/NA	Analysis	7471B		1			844412	06/26/24 16:05	BJB	EET SAV

Lab Chronicle

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B7 (A-F)

Date Collected: 06/18/24 09:39

Date Received: 06/21/24 14:00

Lab Sample ID: 400-257981-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			676107	06/26/24 11:07	TMP	EET PEN

Client Sample ID: B7 (A-F)

Date Collected: 06/18/24 09:39

Date Received: 06/21/24 14:00

Lab Sample ID: 400-257981-7

Matrix: Solid

Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.662 g	5 mL	676091	06/26/24 09:34	IMC	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	676058	06/26/24 17:04	CAR	EET PEN
Total/NA	Prep	3546			15.43 g	1 mL	675968	06/25/24 11:36	AP	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	676237	06/27/24 20:35	S1B	EET PEN
Total/NA	Prep	3546			15.08 g	5 mL	675975	06/25/24 11:47	AP	EET PEN
Total/NA	Analysis	8082A		1	1 mL	1 mL	676324	06/28/24 14:54	JAW	EET PEN
Total/NA	Prep	3050B			0.50 g	50 mL	844198	06/26/24 08:51	RS	EET SAV
Total/NA	Analysis	6010D		1			844418	06/26/24 18:33	BCB	EET SAV
Total/NA	Prep	7471B			0.52 g	50 mL	844235	06/26/24 11:03	MG	EET SAV
Total/NA	Analysis	7471B		1			844412	06/26/24 16:07	BJB	EET SAV

Client Sample ID: B8 (A-D)

Date Collected: 06/18/24 09:11

Date Received: 06/21/24 14:00

Lab Sample ID: 400-257981-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			676107	06/26/24 11:07	TMP	EET PEN

Client Sample ID: B8 (A-D)

Date Collected: 06/18/24 09:11

Date Received: 06/21/24 14:00

Lab Sample ID: 400-257981-8

Matrix: Solid

Percent Solids: 82.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.599 g	5 mL	676091	06/26/24 09:34	IMC	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	676058	06/26/24 17:31	CAR	EET PEN
Total/NA	Prep	3546			15.21 g	1 mL	675968	06/25/24 11:36	AP	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	676239	06/27/24 14:55	S1B	EET PEN
Total/NA	Prep	3546			15.51 g	5 mL	675975	06/25/24 11:47	AP	EET PEN
Total/NA	Analysis	8082A		1	1 mL	1 mL	676324	06/28/24 15:07	JAW	EET PEN
Total/NA	Prep	3050B			0.51 g	50 mL	844198	06/26/24 08:51	RS	EET SAV
Total/NA	Analysis	6010D		5			844418	06/27/24 10:34	BCB	EET SAV
Total/NA	Prep	7471B			0.53 g	50 mL	844235	06/26/24 11:03	MG	EET SAV
Total/NA	Analysis	7471B		1			844412	06/26/24 16:14	BJB	EET SAV

Lab Chronicle

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B11 (A-D)

Lab Sample ID: 400-257981-9

Date Collected: 06/18/24 13:48

Matrix: Solid

Date Received: 06/21/24 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			676107	06/26/24 11:07	TMP	EET PEN

Client Sample ID: B11 (A-D)

Lab Sample ID: 400-257981-9

Date Collected: 06/18/24 13:48

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 83.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8.694 g	5 mL	676091	06/26/24 09:34	IMC	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	676058	06/26/24 17:58	CAR	EET PEN
Total/NA	Prep	3546			15.45 g	1 mL	675968	06/25/24 11:36	AP	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	676239	06/27/24 15:21	S1B	EET PEN
Total/NA	Prep	3546			15.40 g	5 mL	675975	06/25/24 11:47	AP	EET PEN
Total/NA	Analysis	8082A		1	1 mL	1 mL	676324	06/28/24 15:20	JAW	EET PEN
Total/NA	Prep	3050B			0.52 g	50 mL	844198	06/26/24 08:51	RS	EET SAV
Total/NA	Analysis	6010D		1			844418	06/26/24 18:38	BCB	EET SAV
Total/NA	Prep	7471B			0.55 g	50 mL	844235	06/26/24 11:03	MG	EET SAV
Total/NA	Analysis	7471B		1			844412	06/26/24 16:16	BJB	EET SAV

Client Sample ID: B12 (A-D)

Lab Sample ID: 400-257981-10

Date Collected: 06/18/24 14:03

Matrix: Solid

Date Received: 06/21/24 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			676107	06/26/24 11:07	TMP	EET PEN

Client Sample ID: B12 (A-D)

Lab Sample ID: 400-257981-10

Date Collected: 06/18/24 14:03

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.339 g	5 mL	676091	06/26/24 09:34	IMC	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	676058	06/26/24 18:25	CAR	EET PEN
Total/NA	Prep	3546			15.78 g	1 mL	675968	06/25/24 11:36	AP	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	676239	06/27/24 15:47	S1B	EET PEN
Total/NA	Prep	3546			15.41 g	5 mL	675975	06/25/24 11:47	AP	EET PEN
Total/NA	Analysis	8082A		1	1 mL	1 mL	676324	06/28/24 15:33	JAW	EET PEN
Total/NA	Prep	3050B			0.52 g	50 mL	844223	06/26/24 10:02	RS	EET SAV
Total/NA	Analysis	6010D		1			844418	06/26/24 17:01	BCB	EET SAV
Total/NA	Prep	7471B			0.51 g	50 mL	844235	06/26/24 11:03	MG	EET SAV
Total/NA	Analysis	7471B		1			844412	06/26/24 16:18	BJB	EET SAV

Lab Chronicle

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B13 (A-D)

Lab Sample ID: 400-257981-11

Date Collected: 06/18/24 14:24

Matrix: Solid

Date Received: 06/21/24 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			676107	06/26/24 11:07	TMP	EET PEN

Client Sample ID: B13 (A-D)

Lab Sample ID: 400-257981-11

Date Collected: 06/18/24 14:24

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.748 g	5 mL	676091	06/26/24 09:34	IMC	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	676058	06/26/24 18:52	CAR	EET PEN
Total/NA	Prep	3546			15.58 g	1 mL	675968	06/25/24 11:36	AP	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	676239	06/27/24 16:13	S1B	EET PEN
Total/NA	Prep	3546			15.00 g	5 mL	675975	06/25/24 11:47	AP	EET PEN
Total/NA	Analysis	8082A		5	1 mL	1 mL	676324	06/28/24 13:24	JAW	EET PEN
Total/NA	Prep	3050B			0.54 g	50 mL	844223	06/26/24 10:02	RS	EET SAV
Total/NA	Analysis	6010D		1			844418	06/26/24 17:08	BCB	EET SAV
Total/NA	Prep	7471B			0.51 g	50 mL	844235	06/26/24 11:03	MG	EET SAV
Total/NA	Analysis	7471B		1			844412	06/26/24 16:20	BJB	EET SAV

Client Sample ID: B15 (A-D)

Lab Sample ID: 400-257981-12

Date Collected: 06/18/24 13:14

Matrix: Solid

Date Received: 06/21/24 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			676107	06/26/24 11:07	TMP	EET PEN

Client Sample ID: B15 (A-D)

Lab Sample ID: 400-257981-12

Date Collected: 06/18/24 13:14

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 79.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.727 g	5 mL	676091	06/26/24 09:34	IMC	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	676058	06/26/24 19:18	CAR	EET PEN
Total/NA	Prep	3546			15.42 g	1 mL	675968	06/25/24 11:36	AP	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	676237	06/27/24 20:58	S1B	EET PEN
Total/NA	Prep	3546			15.27 g	5 mL	675975	06/25/24 11:47	AP	EET PEN
Total/NA	Analysis	8082A		5	1 mL	1 mL	676324	06/28/24 15:46	JAW	EET PEN
Total/NA	Prep	3050B			0.50 g	50 mL	844223	06/26/24 10:02	RS	EET SAV
Total/NA	Analysis	6010D		1			844418	06/26/24 17:11	BCB	EET SAV
Total/NA	Prep	7471B			0.56 g	50 mL	844255	06/26/24 13:06	MG	EET SAV
Total/NA	Analysis	7471B		1			844412	06/26/24 17:08	BJB	EET SAV

Lab Chronicle

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B16 (A-D)

Lab Sample ID: 400-257981-13

Date Collected: 06/18/24 12:59

Matrix: Solid

Date Received: 06/21/24 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			676107	06/26/24 11:07	TMP	EET PEN

Client Sample ID: B16 (A-D)

Lab Sample ID: 400-257981-13

Date Collected: 06/18/24 12:59

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 80.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.476 g	5 mL	676091	06/26/24 09:34	IMC	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	676058	06/26/24 13:27	CAR	EET PEN
Total/NA	Prep	3546			15.18 g	1 mL	675968	06/25/24 11:36	AP	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	676237	06/27/24 21:20	S1B	EET PEN
Total/NA	Prep	3546			15.42 g	5 mL	675975	06/25/24 11:47	AP	EET PEN
Total/NA	Analysis	8082A		5	1 mL	1 mL	676206	06/27/24 18:21	JAW	EET PEN
Total/NA	Prep	3050B			0.52 g	50 mL	844223	06/26/24 10:02	RS	EET SAV
Total/NA	Analysis	6010D		1			844418	06/26/24 17:13	BCB	EET SAV
Total/NA	Prep	7471B			0.50 g	50 mL	844255	06/26/24 13:06	MG	EET SAV
Total/NA	Analysis	7471B		1			844412	06/26/24 17:14	BJB	EET SAV

Client Sample ID: B17 (A-D)

Lab Sample ID: 400-257981-14

Date Collected: 06/18/24 15:31

Matrix: Solid

Date Received: 06/21/24 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			676107	06/26/24 11:07	TMP	EET PEN

Client Sample ID: B17 (A-D)

Lab Sample ID: 400-257981-14

Date Collected: 06/18/24 15:31

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 84.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9.031 g	5 mL	676091	06/26/24 09:34	IMC	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	676058	06/26/24 19:45	CAR	EET PEN
Total/NA	Prep	3546			15.10 g	1 mL	675968	06/25/24 11:36	AP	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	676237	06/27/24 21:42	S1B	EET PEN
Total/NA	Prep	3546			15.26 g	5 mL	675975	06/25/24 11:47	AP	EET PEN
Total/NA	Analysis	8082A		5	1 mL	1 mL	676324	06/28/24 15:59	JAW	EET PEN
Total/NA	Prep	3050B			0.53 g	50 mL	844223	06/26/24 10:02	RS	EET SAV
Total/NA	Analysis	6010D		1			844418	06/26/24 17:16	BCB	EET SAV
Total/NA	Prep	7471B			0.53 g	50 mL	844255	06/26/24 13:06	MG	EET SAV
Total/NA	Analysis	7471B		1			844412	06/26/24 17:16	BJB	EET SAV

Lab Chronicle

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B19 (A-D)

Lab Sample ID: 400-257981-15

Date Collected: 06/18/24 14:55

Matrix: Solid

Date Received: 06/21/24 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			676107	06/26/24 11:07	TMP	EET PEN

Client Sample ID: B19 (A-D)

Lab Sample ID: 400-257981-15

Date Collected: 06/18/24 14:55

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 82.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.623 g	5 mL	676091	06/26/24 09:34	IMC	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	676058	06/26/24 20:12	CAR	EET PEN
Total/NA	Prep	3546			15.64 g	1 mL	675968	06/25/24 11:36	AP	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	676237	06/27/24 22:05	S1B	EET PEN
Total/NA	Prep	3546			15.78 g	5 mL	675975	06/25/24 11:47	AP	EET PEN
Total/NA	Analysis	8082A		5	1 mL	1 mL	676206	06/27/24 18:34	JAW	EET PEN
Total/NA	Prep	3050B			0.53 g	50 mL	844223	06/26/24 10:02	RS	EET SAV
Total/NA	Analysis	6010D		1			844418	06/26/24 17:18	BCB	EET SAV
Total/NA	Prep	7471B			0.56 g	50 mL	844255	06/26/24 13:06	MG	EET SAV
Total/NA	Analysis	7471B		1			844412	06/26/24 17:18	BJB	EET SAV

Client Sample ID: B20 (A-D)

Lab Sample ID: 400-257981-16

Date Collected: 06/18/24 15:10

Matrix: Solid

Date Received: 06/21/24 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			676106	06/26/24 10:58	TMP	EET PEN

Client Sample ID: B20 (A-D)

Lab Sample ID: 400-257981-16

Date Collected: 06/18/24 15:10

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 80.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8.405 g	5 mL	676091	06/26/24 09:34	IMC	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	676058	06/26/24 20:39	CAR	EET PEN
Total/NA	Prep	3546			15.55 g	1 mL	675968	06/25/24 11:36	AP	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	676237	06/27/24 22:27	S1B	EET PEN
Total/NA	Prep	3546			15.12 g	5 mL	675975	06/25/24 11:47	AP	EET PEN
Total/NA	Analysis	8082A		5	1 mL	1 mL	676324	06/28/24 16:12	JAW	EET PEN
Total/NA	Prep	3050B			0.51 g	50 mL	844223	06/26/24 10:02	RS	EET SAV
Total/NA	Analysis	6010D		1			844418	06/26/24 17:26	BCB	EET SAV
Total/NA	Prep	7471B			0.53 g	50 mL	844255	06/26/24 13:06	MG	EET SAV
Total/NA	Analysis	7471B		1			844412	06/26/24 17:21	BJB	EET SAV

Lab Chronicle

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: Method Blank

Lab Sample ID: MB 400-675968/1-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.00 g	1 mL	675968	06/25/24 11:35	AP	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	676237	06/27/24 16:49	S1B	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-675975/1-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.00 g	5 mL	675975	06/25/24 11:47	AP	EET PEN
Total/NA	Analysis	8082A		1	1 mL	1 mL	676206	06/27/24 13:06	JAW	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-676091/1-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5 g	5 g	676091	06/26/24 09:34	IMC	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	676058	06/26/24 12:34	CAR	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 680-844198/1-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.53 g	50 mL	844198	06/26/24 08:51	RS	EET SAV
Total/NA	Analysis	6010D		1			844418	06/26/24 17:31	BCB	EET SAV

Client Sample ID: Method Blank

Lab Sample ID: MB 680-844223/1-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.52 g	50 mL	844223	06/26/24 10:02	RS	EET SAV
Total/NA	Analysis	6010D		1			844418	06/26/24 16:56	BCB	EET SAV

Client Sample ID: Method Blank

Lab Sample ID: MB 680-844235/1-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.54 g	50 mL	844235	06/26/24 11:03	MG	EET SAV
Total/NA	Analysis	7471B		1			844412	06/26/24 15:23	BJB	EET SAV

Lab Chronicle

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: Method Blank

Lab Sample ID: MB 680-844255/1-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.54 g	50 mL	844255	06/26/24 13:06	MG	EET SAV
Total/NA	Analysis	7471B		1			844412	06/26/24 17:03	BJB	EET SAV

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-675968/2-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.00 g	1 mL	675968	06/25/24 11:35	AP	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	676237	06/27/24 17:12	S1B	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-675975/2-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.00 g	5 mL	675975	06/25/24 11:47	AP	EET PEN
Total/NA	Analysis	8082A		1	1 mL	1 mL	676206	06/27/24 13:19	JAW	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-676091/2-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5 g	5 g	676091	06/26/24 09:34	IMC	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	676058	06/26/24 09:35	CAR	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 680-844198/2-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.51 g	50 mL	844198	06/26/24 08:51	RS	EET SAV
Total/NA	Analysis	6010D		1			844418	06/26/24 17:33	BCB	EET SAV

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 680-844223/2-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.53 g	50 mL	844223	06/26/24 10:02	RS	EET SAV
Total/NA	Analysis	6010D		1			844418	06/27/24 10:29	BCB	EET SAV

Lab Chronicle

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 680-844235/2-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.52 g	50 mL	844235	06/26/24 11:03	MG	EET SAV
Total/NA	Analysis	7471B		1			844412	06/26/24 15:25	BJB	EET SAV

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 680-844255/2-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.55 g	50 mL	844255	06/26/24 13:06	MG	EET SAV
Total/NA	Analysis	7471B		1			844412	06/26/24 17:06	BJB	EET SAV

Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 400-676091/3-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5 g	5 g	676091	06/26/24 09:34	IMC	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	676058	06/26/24 11:40	CAR	EET PEN

Client Sample ID: B1 (A-F)

Lab Sample ID: 400-257981-1 MS

Date Collected: 06/18/24 10:31

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 82.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.14 g	1 mL	675968	06/25/24 11:36	AP	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	676237	06/27/24 17:34	S1B	EET PEN
Total/NA	Prep	3546			15.36 g	5 mL	675975	06/25/24 11:47	AP	EET PEN
Total/NA	Analysis	8082A		5	1 mL	1 mL	676206	06/27/24 13:32	JAW	EET PEN

Client Sample ID: B1 (A-F)

Lab Sample ID: 400-257981-1 MSD

Date Collected: 06/18/24 10:31

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 82.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.40 g	1 mL	675968	06/25/24 11:36	AP	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	676237	06/27/24 17:57	S1B	EET PEN
Total/NA	Prep	3546			15.40 g	5 mL	675975	06/25/24 11:47	AP	EET PEN
Total/NA	Analysis	8082A		5	1 mL	1 mL	676206	06/27/24 13:45	JAW	EET PEN

Client Sample ID: B12 (A-D)

Lab Sample ID: 400-257981-10 MS

Date Collected: 06/18/24 14:03

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.50 g	50 mL	844223	06/26/24 10:02	RS	EET SAV
Total/NA	Analysis	6010D		1			844418	06/26/24 17:03	BCB	EET SAV

Eurofins Pensacola

Lab Chronicle

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Client Sample ID: B12 (A-D)

Lab Sample ID: 400-257981-10 MSD

Date Collected: 06/18/24 14:03

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.50 g	50 mL	844223	06/26/24 10:02	RS	EET SAV
Total/NA	Analysis	6010D		1			844418	06/26/24 17:06	BCB	EET SAV

Client Sample ID: B15 (A-D)

Lab Sample ID: 400-257981-12 MS

Date Collected: 06/18/24 13:14

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 79.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.50 g	50 mL	844255	06/26/24 13:06	MG	EET SAV
Total/NA	Analysis	7471B		1			844412	06/26/24 17:10	BJB	EET SAV

Client Sample ID: B15 (A-D)

Lab Sample ID: 400-257981-12 MSD

Date Collected: 06/18/24 13:14

Matrix: Solid

Date Received: 06/21/24 14:00

Percent Solids: 79.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.54 g	50 mL	844255	06/26/24 13:06	MG	EET SAV
Total/NA	Analysis	7471B		1			844412	06/26/24 17:12	BJB	EET SAV

Client Sample ID: B1 (A-F)

Lab Sample ID: 400-257981-1 DU

Date Collected: 06/18/24 10:31

Matrix: Solid

Date Received: 06/21/24 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			676107	06/26/24 11:07	TMP	EET PEN

Client Sample ID: B20 (A-D)

Lab Sample ID: 400-257981-16 DU

Date Collected: 06/18/24 15:10

Matrix: Solid

Date Received: 06/21/24 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			676106	06/26/24 10:58	TMP	EET PEN

Laboratory References:

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001
EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Method Summary

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET PEN
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET PEN
6010D	Metals (ICP)	SW846	EET SAV
7471B	Mercury (CVAA)	SW846	EET SAV
Moisture	Percent Moisture	EPA	EET PEN
3050B	Preparation, Metals	SW846	EET SAV
3546	Microwave Extraction	SW846	EET PEN
5035	Closed System Purge and Trap	SW846	EET PEN
7471B	Preparation, Mercury	SW846	EET SAV

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: TTL Inc
 Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Laboratory: Eurofins Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-24
ANAB	ISO/IEC 17025	L2471	02-22-26
Arkansas DEQ	State	88-00689	08-01-24
California	State	2510	06-30-24
Florida	NELAP	E81010	06-30-24
Georgia	State	E81010(FL)	06-30-24
Illinois	NELAP	200041	10-09-24
Kansas	NELAP	E-10253	10-31-24
Kentucky (UST)	State	53	06-30-24
Louisiana (All)	NELAP	30976	06-30-24
Louisiana (DW)	State	LA017	12-31-24
North Carolina (WW/SW)	State	314	12-31-24
Oklahoma	NELAP	9810	08-31-24
Pennsylvania	NELAP	68-00467	01-31-25
South Carolina	State	96026	06-30-24
Tennessee	State	TN02907	06-30-24
Texas	NELAP	T104704286	09-30-24
US Fish & Wildlife	US Federal Programs	A22340	06-30-24
USDA	US Federal Programs	FLGNV23001	01-08-26
USDA	US Federal Programs	P330-21-00056	01-09-26
Virginia	NELAP	460166	06-14-25
West Virginia DEP	State	136	03-31-25

Laboratory: Eurofins Savannah

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
	AFCEE	SAVLAB	
Alabama	State	41450	06-30-24
ANAB	Dept. of Defense ELAP	L2463	09-22-24
Arkansas (DW)	State	GA00006	06-30-24
California	State	2939	06-30-24
Florida	NELAP	E87052	06-30-24
Georgia	State	E87052	06-30-24
Georgia (DW)	State	803	06-30-24
Hawaii	State	<cert No.>	06-30-24
Illinois	NELAP	200022	11-30-24
Indiana	State	C-GA-02	06-30-24
Iowa	State	353	07-01-25
Kentucky (UST)	State	NA	06-30-24
Louisiana	NELAP	30690	06-30-24
Louisiana (All)	NELAP	30690	06-30-24
Louisiana (DW)	State	LA009	12-31-24
Maine	State	GA00006	09-25-24
Maryland	State	250	12-31-24
Massachusetts	State	M-GA006	06-30-24
Michigan	State	9925	06-30-24
Mississippi	State	<cert No.>	06-30-24
Nebraska	State	NE-OS-7-04	06-30-24
New Jersey	NELAP	GA769	06-30-24

Accreditation/Certification Summary

Client: TTL Inc
Project/Site: Technical Micronics Control

Job ID: 400-257981-1

Laboratory: Eurofins Savannah (Continued)

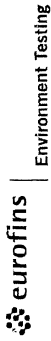
All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	GA00006	06-30-24
North Carolina (DW)	State	13701	07-31-24
North Carolina (WW/SW)	State	269	12-31-24
Pennsylvania	NELAP	68-00474	06-30-24
Puerto Rico	State	GA00006	01-01-25
South Carolina	State	98001	06-30-24
Tennessee	State	TN02961	06-30-24
Texas	NELAP	T1047004185	11-30-24
Texas	TCEQ Water Supply	T104704185	06-30-24
USDA	US Federal Programs	P330-18-00313	04-04-27
Virginia	NELAP	460161	06-14-25
Wyoming	State	8TMS-L	06-30-24

Eurofins Pensacola

3355 McLemore Drive
 Pensacola, FL 32514
 Phone: 850-474-1001 Fax: 850-478-2671

Chain of Custody Record



Client Information Client Contact: Charles Oligee Company: TTL, Inc. Address: 101 Quality Circle NW, Ste. 130 City: Huntsville State, Zip: AL, 35806 Phone: 230500461.00 Email: charles.oligee@ttlusa.com Project Name: Technical Micronics Control Site: TMC		Sampler: B. Savard Lab PM: Bechtold, Chad Phone: (931) 636 4069 E-Mail: Chad.Bechtold@et.eurofins.com PWSID:		Carrier Tracking No(s): State of Origin:		COC No: 400-131405-43613.2 Page: 3 of 3 Job #:	
Due Date Requested: TAT Requested (days): Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No PO #: 230500461.00 WO #: 230500461.00 Project #: 40017013 SSOW#:		Analysis Requested 8082A, 8270E 8260D - VOCs - Soil 6010D - RCRA Metals; 7471B - Hg		Preservation Codes: N - None Other:		Special Instructions/Note:	
Sample Identification Sample ID: B15 (a-d) B16 (a-d) B17 (a-d) B19 (a-d) B20 (a-d)		Sample Date: 6/18/24 Sample Time: 13:14 12:59 15:31 14:55 15:10		Sample Type (C=Comp, G=grab) Matrix (W=water, S=solid, O=soil, B=biomass, A=air)		Special Instructions/Note:	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological							
Deliverable Requested: I, II, III, IV, Other (specify)							
Empty Kit Relinquished by:							
Relinquished by: B. Savard Date/Time: 6/20/24 @ 13:15 Company:		Relinquished by: P. Stewart Date/Time: 6/20/24 11:13 Company:		Relinquished by: [Signature] Date/Time: 6/21/24 14:00 Company:		Cooler Temperature(s) °C and Other Remarks: 0.6°C 118	
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For Months							
Special Instructions/QC Requirements:							



Eurofins Pensacola

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 Pensacola, FL 32514
 Phone: 850-474-1001 Fax: 850-478-2671

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler:		Lab PM:		Carrier Tracking No(s):		COC No:			
Client Contact: Shipping/Receiving		Phone:		Bechtold, Chad		E-Mail: Chad.Bechtold@et.eurofinsus.com		400-354434.1			
Company: Eurofins Environment Testing Southeast L		Accreditations Required (See note):		State of Origin: Alabama		Page: Page 1 of 2		Job #: 400-257981-1			
Address: 5102 LaRoche Avenue,		Due Date Requested: 6/27/2024		Analysis Requested						Preservation Codes:	
City: Savannah		TAT Requested (days):								Other:	
State, Zip: GA, 31404		PO #:									
Phone: 912-354-7858(Tel) 912-352-0165(Fax)		WO #:									
Email:		Project #: 40017013		Project Name: Technical Micronics Control		SSOW#:		Site:			
Project Name: Technical Micronics Control		Project #: 40017013		SSOW#:		Site:		Special Instructions/Note:			
Site:		SSOW#:		Site:		Special Instructions/Note:		Special Instructions/Note:			
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010D/3050B RCRA Metals - w/out Mercury	7471B/7471B_Prep	Total Number of Containers	Special Instructions/Note:
B1 (A-F) (400-257981-1)		6/18/24	10:31 Central	Solid		X	X			1	
B2 (A-D) (400-257981-2)		6/18/24	10:43 Central	Solid		X	X			1	
B3 (A-D) (400-257981-3)		6/18/24	11:29 Central	Solid		X	X			1	
B4 (A-D) (400-257981-4)		6/18/24	11:45 Central	Solid		X	X			1	
B5 (A-D) (400-257981-5)		6/18/24	12:03 Central	Solid		X	X			1	
B6 (A-F) (400-257981-6)		6/18/24	10:08 Central	Solid		X	X			1	
B7 (A-F) (400-257981-7)		6/18/24	09:39 Central	Solid		X	X			1	
B8 (A-D) (400-257981-8)		6/18/24	09:11 Central	Solid		X	X			1	
B11 (A-D) (400-257981-9)		6/18/24	13:48 Central	Solid		X	X			1	
<p>Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.</p>											
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
Unconfirmed						<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months					
Deliverable Requested: I, II, III, IV, Other (specify)			Primary Deliverable Rank: 2			Special Instructions/QC Requirements:					
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:					
Relinquished by:		Date/Time: 6/24/24 10:00		Company: ECP		Received by:		Date/Time: 6/25/24 10:10		Company:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:	
Custody Seals Intact: Δ Yes Δ No		Custody Seal No.:				Cooler Temperature(s) °C and Other Remarks: 18.0/18.5					



Eurofins Pensacola

3355 McLemore Drive
 Pensacola, FL 32514
 Phone: 850-474-1001 Fax: 850-478-2671

Chain of Custody Record



Client Information (Sub Contract Lab)				Sampler:	Lab PM:	Carrier Tracking No(s):	COC No:							
Client Contact: Shipping/Receiving				Phone:	Bechtold, Chad		400-354434.2							
Company: Eurofins Environment Testing Southeast L				Accreditations Required (See note):			Page: Page 2 of 2							
Address: 5102 LaRoche Avenue,				Due Date Requested: 6/27/2024	Analysis Requested			Job #: 400-257981-1						
City: Savannah				TAT Requested (days):				Preservation Codes: -						
State, Zip: GA, 31404				PO #:	Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 6010030508 RCRA Metals - w/out Mercury 7471B/7471B_Prep Total Number of Containers			Other:						
Phone: 912-354-7858(Tel) 912-352-0165(Fax)				WO #:										
Email:				Project #: 40017013	Sample Type (C=Comp, G=grab) Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, AnAir)			Special Instructions/Note:						
Project Name: Technical Micronics Control				SSOW#:										
Site:														
Sample Identification - Client ID (Lab ID)				Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, AnAir)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010030508 RCRA Metals - w/out Mercury	7471B/7471B_Prep	Total Number of Containers		
				Preservation Code:										
B12 (A-D) (400-257981-10)				6/18/24	14:03 Central	Solid		X	X				1	
B13 (A-D) (400-257981-11)				6/18/24	14:24 Central	Solid		X	X				1	
B15 (A-D) (400-257981-12)				6/18/24	13:14 Central	Solid		X	X				1	
B16 (A-D) (400-257981-13)				6/18/24	12:59 Central	Solid		X	X				1	
B17 (A-D) (400-257981-14)				6/18/24	15:31 Central	Solid		X	X				1	
B19 (A-D) (400-257981-15)				6/18/24	14:55 Central	Solid		X	X				1	
B20 (A-D) (400-257981-16)				6/18/24	15:10 Central	Solid		X	X				1	
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.														
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)								
Unconfirmed						<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months								
Deliverable Requested: I, II, III, IV, Other (specify)				Primary Deliverable Rank: 2		Special Instructions/QC Requirements:								
Empty Kit Relinquished by:				Date:	Time:	Method of Shipment:								
Relinquished by: <i>[Signature]</i>				Date/Time: 6/24/24 17:00	Company: ECTS	Received by: <i>[Signature]</i>				Date/Time: 6/25/24 10:10	Company:			
Relinquished by:				Date/Time:	Company:	Received by:				Date/Time:	Company:			
Relinquished by:				Date/Time:	Company:	Received by:				Date/Time:	Company:			
Custody Seals Intact: Δ Yes Δ No		Custody Seal No.:				Cooler Temperature(s) °C and Other Remarks: <i>18.0/18.1</i>								

Login Sample Receipt Checklist

Client: TTL Inc

Job Number: 400-257981-1

Login Number: 257981

List Number: 1

Creator: Perez, Trina M

List Source: Eurofins Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.4°C, 0.6°C, 0.6°C IR-8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: TTL Inc

Job Number: 400-257981-1

Login Number: 257981

List Number: 2

Creator: Johnson, Corey M

List Source: Eurofins Savannah

List Creation: 06/25/24 11:31 AM

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



APPENDIX C
SUB-SLAB SOIL GAS LABORATORY ANALYTICAL DATA



EMSL ANALYTICAL, INC.
 10801 Southern Loop Blvd
 Pineville, NC 28134
 Telephone: (704)525-2205 FAX: (704)525-2382
charlottelab@emsl.com | <http://www.EMSL.com>

EMSL ORDER ID: 412500642
 EMSL CUSTOMER ID: TTLI36A
 EMSL SAMPLE ID: 412500642-0001
 CUSTOMER SAMPLE ID: SG-1

Attention: Ben Savard
 TTL Inc
 101 Quality Circle NW
 Suite 130
 Huntsville, AL 35806

Customer PO: 230500461
EMSL Project ID:
Project Name: Technical Micronics Control

Phone: 256-682-5544
Email: ben.savard@ttlusa.com

Collected: 01/16/2025 08:47
Received: 01/17/2025 09:30
Analyzed: See Results
Reported: 1/30/2025

Analysis Initial	Analysis Date	Analyst Init.	Lab File ID	Canister ID	Sample Vol.	Dil. Factor
	01/22/2025	JS	B8399.D	HD11028	250 cc	1

USEPA Vapor Intrusion Screening Levels (VISL)

Target Compounds	Tox. Basis	CAS#	MW	Result ppbv	Q	Result ug/m3	Indoor Air ug/m3	Sub Slab/ Ext. ug/m3
Propylene	NC	115-07-1	42.08	ND		ND	3129	104286
Freon 12(Dichlorodifluoromethane)	NC	75-71-8	120.9	0.43		2.1	104	3476
Freon 114(1,2-Dichlorotetrafluoroethan	--	76-14-2	170.9	ND		ND	N.E.	N.E.
Chloromethane	NC	74-87-3	50.49	ND		ND	93.9	3129
n-Butane	--	106-97-8	58.12	1.2		2.9	N.E.	N.E.
Vinyl chloride	C	75-01-4	62.50	ND		ND	0.168	5.59
1,3-Butadiene	C	106-99-0	54.09	ND		ND	0.0936	3.12
Bromomethane	NC	74-83-9	94.94	ND		ND	5.21	174
Chloroethane	NC	75-00-3	64.51	ND		ND	10429	347619
Ethanol	--	64-17-5	46.07	7.5		14	N.E.	N.E.
Bromoethene(Vinyl bromide)	C	593-60-2	106.9	ND		ND	0.0877	2.92
Freon 11(Trichlorofluoromethane)	--	75-69-4	137.4	0.23		1.3	N.E.	N.E.
Isopropyl alcohol(2-Propanol)	NC	67-63-0	60.09	19		47	209	6952
Freon 113(1,1,2-Trichlorotrifluoroethan	NC	76-13-1	187.4	0.27		2.1	5214	173810
Acetone	NC	67-64-1	58.08	20		49	32329	1077619
1,1-Dichloroethene	NC	75-35-4	96.94	ND		ND	209	6952
Acetonitrile	NC	75-05-8	41.05	0.25		0.43	62.6	2086
Tertiary butyl alcohol(TBA)	--	75-65-0	74.12	1.9		5.9	N.E.	N.E.
Bromoethane(Ethyl bromide)	--	74-96-4	109.0	ND		ND	N.E.	N.E.
3-Chloropropene(Allyl chloride)	C	107-05-1	76.52	ND		ND	0.468	15.6
Carbon disulfide	NC	75-15-0	76.14	ND		ND	730	24333
Methylene chloride	C	75-09-2	84.93	ND		ND	101	3380
Acrylonitrile	C	107-13-1	53.08	ND		ND	0.0413	1.38
Methyl-tert-butyl ether(MTBE)	C	1634-04-4	88.15	ND		ND	10.8	360
trans-1,2-Dichloroethene	--	156-60-5	96.94	ND		ND	N.E.	N.E.
n-Hexane	NC	110-54-3	86.18	ND		ND	730	24333
1,1-Dichloroethane	C	75-34-3	98.96	ND		ND	1.75	58.5
Vinyl acetate	NC	108-05-4	86.09	ND		ND	209	6952
2-Butanone(MEK)	NC	78-93-3	72.11	2.5		7.3	5214	173810
cis-1,2-Dichloroethene	--	156-59-2	96.94	ND		ND	N.E.	N.E.
Ethyl acetate	NC	141-78-6	88.11	0.23		0.82	73.0	2433
Chloroform	C	67-66-3	119.4	ND		ND	0.122	4.07
Tetrahydrofuran	NC	109-99-9	72.11	12		34	2086	69524
1,1,1-Trichloroethane	NC	71-55-6	133.4	ND		ND	5214	173810
Cyclohexane	NC	110-82-7	84.16	ND		ND	6257	208571
2,2,4-Trimethylpentane(Isooctane)	--	540-84-1	114.2	ND		ND	N.E.	N.E.
Carbon tetrachloride	C	56-23-5	153.8	ND		ND	0.468	15.6
n-Heptane	NC	142-82-5	100.2	ND		ND	417	13905
1,2-Dichloroethane	C	107-06-2	98.96	ND		ND	0.108	3.60
Benzene	C	71-43-2	78.11	0.68		2.2	0.360	12.0
Trichloroethene	C	79-01-6	131.4	0.96		5.2	0.478	15.9
1,2-Dichloropropane	C	78-87-5	113.0	ND		ND	0.759	25.3
Methyl Methacrylate	NC	80-62-6	100.1	ND		ND	730	24333
Bromodichloromethane	C	75-27-4	163.8	ND		ND	0.0759	2.53
1,4-Dioxane	C	123-91-1	88.11	ND		ND	0.562	18.7
4-Methyl-2-pentanone(MIBK)	NC	108-10-1	100.2	ND		ND	3129	104286
cis-1,3-Dichloropropene**	C	10061-01-5	111.0	ND		ND	0.702	23.4



EMSL ANALYTICAL, INC.
 10801 Southern Loop Blvd
 Pineville, NC 28134
 Telephone: (704)525-2205 FAX: (704)525-2382
charlottelab@emsl.com | <http://www.EMSL.com>

EMSL ORDER ID: 412500642
 EMSL CUSTOMER ID: TTLI36A
 EMSL SAMPLE ID: 412500642-0001
 CUSTOMER SAMPLE ID: SG-1

Attention: Ben Savard
 TTL Inc
 101 Quality Circle NW
 Suite 130
 Huntsville, AL 35806

Customer PO: 230500461
EMSL Project ID:
Project Name: Technical Micronics Control

Phone: 256-682-5544
Email: ben.savard@ttlusa.com

Collected: 01/16/2025 08:47
Received: 01/17/2025 09:30
Analyzed: See Results
Reported: 1/30/2025

Analysis Initial	Analysis Date	Analyst Init.	Lab File ID	Canister ID	Sample Vol.	Dil. Factor
	01/22/2025	JS	B8399.D	HD11028	250 cc	1

USEPA Vapor Intrusion Screening Levels (VISL)

Target Compounds	Tox. Basis	CAS#	MW	Result ppbv	Q	Result ug/m3	Indoor Air ug/m3	Sub Slab/ Ext. ug/m3
Toluene	NC	108-88-3	92.14	0.41		1.5	5214	173810
trans-1,3-Dichloropropene**	C	10061-02-6	111.0	ND		ND	0.702	23.4
1,1,2-Trichloroethane	C	79-00-5	133.4	ND		ND	0.175	5.85
2-Hexanone(MBK)	NC	591-78-6	100.2	ND		ND	31.3	1043
Tetrachloroethene	C	127-18-4	165.8	ND		ND	10.8	360
Dibromochloromethane	--	124-48-1	208.3	ND		ND	N.E.	N.E.
1,2-Dibromoethane	C	106-93-4	187.9	ND		ND	0.00468	0.156
Chlorobenzene	NC	108-90-7	112.6	ND		ND	52.1	1738
Ethylbenzene	C	100-41-4	106.2	ND		ND	1.12	37.4
Xylene (p,m)	NC	1330-20-7	106.2	0.53		2.3	104	3476
Xylene (Ortho)	NC	95-47-6	106.2	ND		ND	104	3476
Styrene	NC	100-42-5	104.1	ND		ND	1043	34762
Isopropylbenzene (cumene)	NC	98-82-8	120.2	0.22		1.1	417	13905
Bromoform	C	75-25-2	252.7	ND		ND	2.55	85.1
1,1,2,2-Tetrachloroethane	C	79-34-5	167.9	ND		ND	0.0484	1.61
4-Ethyltoluene	--	622-96-8	120.2	ND		ND	N.E.	N.E.
1,3,5-Trimethylbenzene	NC	108-67-8	120.2	ND		ND	62.6	2086
2-Chlorotoluene	--	95-49-8	126.6	ND		ND	N.E.	N.E.
1,2,4-Trimethylbenzene	NC	95-63-6	120.2	ND		ND	62.6	2086
1,3-Dichlorobenzene	--	541-73-1	147.0	ND		ND	N.E.	N.E.
1,4-Dichlorobenzene	C	106-46-7	147.0	ND		ND	0.255	8.51
Benzyl chloride	C	100-44-7	126.6	ND		ND	0.0573	1.91
1,2-Dichlorobenzene	NC	95-50-1	147.0	ND		ND	209	6952
1,2,4-Trichlorobenzene	NC	120-82-1	181.4	ND		ND	2.09	69.5
Hexachloro-1,3-butadiene	C	87-68-3	260.8	ND		ND	0.128	4.25
Naphthalene	C	91-20-3	128.2	ND		ND	0.0826	2.75

**The concentrations of each isomer should be added if multiple isomers are present and compared to the total screening level.

The > column is used to flag exceedances as marked

Exposure Limit Definitions

RSL= Regional Screening Level at Target Hazard Quotient (THQ) =0.1 if available, otherwise THQ = 1

Agency Definitions

USEPA= United States Environmental Protection Agency

Reference

EPA Vapor Intrusion Screening Levels (VISL), March 2012

Carcinogenic (C) Exceedance

Value exceeds the theoretical risk that 1 additional case of cancer will occur in a population of 1 million than statistically expected.
 Thus is a theoretical risk and not an actual epidemiological one.

Compound Exposure Definitions

NE= No Limit Established NS= No Screening Value
 LFC= Lowest Feasible Concentration

Qualifier Definitions

B = Compound also found in method blank. **ND** = Non Detect
E= Estimated concentration exceeding upper calibration range.
D= Result reported from diluted analysis.
J= Concentration estimated between Reporting Limit and MDL.

NonCarcinogenic (NC) Exceedance

Value exceeds the theoretical risk that 1 in a population of 100,000 will experience deleterious health effects.
 Thus is a theoretical risk and not an actual epidemiological one.



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 10801 Southern Loop Blvd
 Pineville, NC 28134
 Telephone: (704)525-2205 FAX: (704)525-2382
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EMSL ORDER ID: 412500642
 EMSL CUSTOMER ID: TTLI36A
 EMSL SAMPLE ID: 412500642-0002
 CUSTOMER SAMPLE ID: SG-2

Attention: Ben Savard
 TTL Inc
 101 Quality Circle NW
 Suite 130
 Huntsville, AL 35806

Customer PO: 230500461
EMSL Project ID:
Project Name: Technical Micronics Control

Phone: 256-682-5544
Email: ben.savard@ttlusa.com

Collected: 01/16/2025 09:01
Received: 01/17/2025 09:30
Analyzed: See Results
Reported: 1/30/2025

Analysis Initial	Analysis Date	Analyst Init.	Lab File ID	Canister ID	Sample Vol.	Dil. Factor
	01/22/2025	JS	B8400.D	HD11270	250 cc	1

USEPA Vapor Intrusion Screening Levels (VISL)

Target Compounds	Tox. Basis	CAS#	MW	Result ppbv	Q	Result ug/m3	Indoor Air ug/m3	Sub Slab/ Ext. ug/m3
Propylene	NC	115-07-1	42.08	ND		ND	3129	104286
Freon 12(Dichlorodifluoromethane)	NC	75-71-8	120.9	0.41		2.0	104	3476
Freon 114(1,2-Dichlorotetrafluoroethan	--	76-14-2	170.9	ND		ND	N.E.	N.E.
Chloromethane	NC	74-87-3	50.49	ND		ND	93.9	3129
n-Butane	--	106-97-8	58.12	0.59		1.4	N.E.	N.E.
Vinyl chloride	C	75-01-4	62.50	ND		ND	0.168	5.59
1,3-Butadiene	C	106-99-0	54.09	ND		ND	0.0936	3.12
Bromomethane	NC	74-83-9	94.94	ND		ND	5.21	174
Chloroethane	NC	75-00-3	64.51	ND		ND	10429	347619
Ethanol	--	64-17-5	46.07	5.9		11	N.E.	N.E.
Bromoethene(Vinyl bromide)	C	593-60-2	106.9	ND		ND	0.0877	2.92
Freon 11(Trichlorofluoromethane)	--	75-69-4	137.4	0.21		1.2	N.E.	N.E.
Isopropyl alcohol(2-Propanol)	NC	67-63-0	60.09	13		32	209	6952
Freon 113(1,1,2-Trichlorotrifluoroethan	NC	76-13-1	187.4	1.2		9.0	5214	173810
Acetone	NC	67-64-1	58.08	14		33	32329	1077619
1,1-Dichloroethene	NC	75-35-4	96.94	ND		ND	209	6952
Acetonitrile	NC	75-05-8	41.05	ND		ND	62.6	2086
Tertiary butyl alcohol(TBA)	--	75-65-0	74.12	0.74		2.3	N.E.	N.E.
Bromoethane(Ethyl bromide)	--	74-96-4	109.0	ND		ND	N.E.	N.E.
3-Chloropropene(Allyl chloride)	C	107-05-1	76.52	ND		ND	0.468	15.6
Carbon disulfide	NC	75-15-0	76.14	ND		ND	730	24333
Methylene chloride	C	75-09-2	84.93	ND		ND	101	3380
Acrylonitrile	C	107-13-1	53.08	ND		ND	0.0413	1.38
Methyl-tert-butyl ether(MTBE)	C	1634-04-4	88.15	ND		ND	10.8	360
trans-1,2-Dichloroethene	--	156-60-5	96.94	ND		ND	N.E.	N.E.
n-Hexane	NC	110-54-3	86.18	ND		ND	730	24333
1,1-Dichloroethane	C	75-34-3	98.96	ND		ND	1.75	58.5
Vinyl acetate	NC	108-05-4	86.09	ND		ND	209	6952
2-Butanone(MEK)	NC	78-93-3	72.11	2.0		5.9	5214	173810
cis-1,2-Dichloroethene	--	156-59-2	96.94	ND		ND	N.E.	N.E.
Ethyl acetate	NC	141-78-6	88.11	ND		ND	73.0	2433
Chloroform	C	67-66-3	119.4	ND		ND	0.122	4.07
Tetrahydrofuran	NC	109-99-9	72.11	9.5		28	2086	69524
1,1,1-Trichloroethane	NC	71-55-6	133.4	ND		ND	5214	173810
Cyclohexane	NC	110-82-7	84.16	ND		ND	6257	208571
2,2,4-Trimethylpentane(Isooctane)	--	540-84-1	114.2	ND		ND	N.E.	N.E.
Carbon tetrachloride	C	56-23-5	153.8	ND		ND	0.468	15.6
n-Heptane	NC	142-82-5	100.2	ND		ND	417	13905
1,2-Dichloroethane	C	107-06-2	98.96	ND		ND	0.108	3.60
Benzene	C	71-43-2	78.11	ND		ND	0.360	12.0
Trichloroethene	C	79-01-6	131.4	1.1		6.1	0.478	15.9
1,2-Dichloropropane	C	78-87-5	113.0	ND		ND	0.759	25.3
Methyl Methacrylate	NC	80-62-6	100.1	ND		ND	730	24333
Bromodichloromethane	C	75-27-4	163.8	ND		ND	0.0759	2.53
1,4-Dioxane	C	123-91-1	88.11	0.63		2.3	0.562	18.7
4-Methyl-2-pentanone(MIBK)	NC	108-10-1	100.2	ND		ND	3129	104286
cis-1,3-Dichloropropene**	C	10061-01-5	111.0	ND		ND	0.702	23.4



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EMSL ORDER ID: 412500642
 EMSL CUSTOMER ID: TTLI36A
 EMSL SAMPLE ID: 412500642-0002
 CUSTOMER SAMPLE ID: SG-2

Attention: Ben Savard
 TTL Inc
 101 Quality Circle NW
 Suite 130
 Huntsville, AL 35806

Customer PO: 230500461
EMSL Project ID:
Project Name: Technical Micronics Control

Phone: 256-682-5544
Email: ben.savard@ttlusa.com

Collected: 01/16/2025 09:01
Received: 01/17/2025 09:30
Analyzed: See Results
Reported: 1/30/2025

Analysis Initial	Analysis Date	Analyst Init.	Lab File ID	Canister ID	Sample Vol.	Dil. Factor
	01/22/2025	JS	B8400.D	HD11270	250 cc	1

USEPA Vapor Intrusion Screening Levels (VISL)

Target Compounds	Tox. Basis	CAS#	MW	Result ppbv	Q	Result ug/m3	Indoor Air ug/m3	Sub Slab/ Ext. ug/m3
Toluene	NC	108-88-3	92.14	0.25		1.0	5214	173810
trans-1,3-Dichloropropene**	C	10061-02-6	111.0	ND		ND	0.702	23.4
1,1,2-Trichloroethane	C	79-00-5	133.4	ND		ND	0.175	5.85
2-Hexanone(MBK)	NC	591-78-6	100.2	ND		ND	31.3	1043
Tetrachloroethene	C	127-18-4	165.8	ND		ND	10.8	360
Dibromochloromethane	--	124-48-1	208.3	ND		ND	N.E.	N.E.
1,2-Dibromoethane	C	106-93-4	187.9	ND		ND	0.00468	0.156
Chlorobenzene	NC	108-90-7	112.6	ND		ND	52.1	1738
Ethylbenzene	C	100-41-4	106.2	ND		ND	1.12	37.4
Xylene (p,m)	NC	1330-20-7	106.2	0.43		1.9	104	3476
Xylene (Ortho)	NC	95-47-6	106.2	ND		ND	104	3476
Styrene	NC	100-42-5	104.1	ND		ND	1043	34762
Isopropylbenzene (cumene)	NC	98-82-8	120.2	ND		ND	417	13905
Bromoform	C	75-25-2	252.7	ND		ND	2.55	85.1
1,1,2,2-Tetrachloroethane	C	79-34-5	167.9	ND		ND	0.0484	1.61
4-Ethyltoluene	--	622-96-8	120.2	ND		ND	N.E.	N.E.
1,3,5-Trimethylbenzene	NC	108-67-8	120.2	ND		ND	62.6	2086
2-Chlorotoluene	--	95-49-8	126.6	ND		ND	N.E.	N.E.
1,2,4-Trimethylbenzene	NC	95-63-6	120.2	ND		ND	62.6	2086
1,3-Dichlorobenzene	--	541-73-1	147.0	ND		ND	N.E.	N.E.
1,4-Dichlorobenzene	C	106-46-7	147.0	ND		ND	0.255	8.51
Benzyl chloride	C	100-44-7	126.6	ND		ND	0.0573	1.91
1,2-Dichlorobenzene	NC	95-50-1	147.0	ND		ND	209	6952
1,2,4-Trichlorobenzene	NC	120-82-1	181.4	ND		ND	2.09	69.5
Hexachloro-1,3-butadiene	C	87-68-3	260.8	ND		ND	0.128	4.25
Naphthalene	C	91-20-3	128.2	ND		ND	0.0826	2.75

**The concentrations of each isomer should be added if multiple isomers are present and compared to the total screening level.

The > column is used to flag exceedances as marked

Exposure Limit Definitions

RSL= Regional Screening Level at Target Hazard Quotient (THQ) =0.1 if available, otherwise THQ = 1

Agency Definitions

USEPA= United States Environmental Protection Agency

Reference

EPA Vapor Intrusion Screening Levels (VISL), March 2012

Carcinogenic (C) Exceedance

Value exceeds the theoretical risk that 1 additional case of cancer will occur in a population of 1 million than statistically expected. Thus is a theoretical risk and not an actual epidemiological one.

Compound Exposure Definitions

NE= No Limit Established NS= No Screening Value
 LFC= Lowest Feasible Concentration

Qualifier Definitions

B = Compound also found in method blank. **ND** = Non Detect
E= Estimated concentration exceeding upper calibration range.
D= Result reported from diluted analysis.
J= Concentration estimated between Reporting Limit and MDL.

NonCarcinogenic (NC) Exceedance

Value exceeds the theoretical risk that 1 in a population of 100,000 will experience deleterious health effects. Thus is a theoretical risk and not an actual epidemiological one.



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EMSL ORDER ID: 412500642
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 EMSL SAMPLE ID: 412500642-0003
 CUSTOMER SAMPLE ID: SG-3

Attention: Ben Savard
 TTL Inc
 101 Quality Circle NW
 Suite 130
 Huntsville, AL 35806

Customer PO: 230500461
EMSL Project ID:
Project Name: Technical Micronics Control

Phone: 256-682-5544
Email: ben.savard@ttlusa.com

Collected: 01/16/2025 09:18
Received: 01/17/2025 09:30
Analyzed: See Results
Reported: 1/30/2025

Analysis Initial	Analysis Date	Analyst Init.	Lab File ID	Canister ID	Sample Vol.	Dil. Factor
	01/22/2025	JS	B8401.D	HD169997	250 cc	1
Dilution1	01/23/2025	JS	B8421.D	HD169997	50 cc	5

USEPA Vapor Intrusion Screening Levels (VISL)

Target Compounds	Tox. Basis	CAS#	MW	Result ppbv	Q	Result ug/m3	Indoor Air ug/m3	Sub Slab/ Ext. ug/m3
Propylene	NC	115-07-1	42.08	ND		ND	3129	104286
Freon 12(Dichlorodifluoromethane)	NC	75-71-8	120.9	0.42		2.1	104	3476
Freon 114(1,2-Dichlorotetrafluoroethan	--	76-14-2	170.9	ND		ND	N.E.	N.E.
Chloromethane	NC	74-87-3	50.49	ND		ND	93.9	3129
n-Butane	--	106-97-8	58.12	2.1		5.1	N.E.	N.E.
Vinyl chloride	C	75-01-4	62.50	3.5		9.0	0.168	5.59
1,3-Butadiene	C	106-99-0	54.09	ND		ND	0.0936	3.12
Bromomethane	NC	74-83-9	94.94	ND		ND	5.21	174
Chloroethane	NC	75-00-3	64.51	ND		ND	10429	347619
Ethanol	--	64-17-5	46.07	5.9		11	N.E.	N.E.
Bromoethene(Vinyl bromide)	C	593-60-2	106.9	ND		ND	0.0877	2.92
Freon 11(Trichlorofluoromethane)	--	75-69-4	137.4	0.59		3.3	N.E.	N.E.
Isopropyl alcohol(2-Propanol)	NC	67-63-0	60.09	560	DE	1400	209	6952
Freon 113(1,1,2-Trichlorotrifluoroethan	NC	76-13-1	187.4	41	D	310	5214	173810
Acetone	NC	67-64-1	58.08	23		55	32329	1077619
1,1-Dichloroethene	NC	75-35-4	96.94	0.35		1.4	209	6952
Acetonitrile	NC	75-05-8	41.05	ND		ND	62.6	2086
Tertiary butyl alcohol(TBA)	--	75-65-0	74.12	0.46		1.4	N.E.	N.E.
Bromoethane(Ethyl bromide)	--	74-96-4	109.0	ND		ND	N.E.	N.E.
3-Chloropropene(Allyl chloride)	C	107-05-1	76.52	ND		ND	0.468	15.6
Carbon disulfide	NC	75-15-0	76.14	0.23		0.71	730	24333
Methylene chloride	C	75-09-2	84.93	ND		ND	101	3380
Acrylonitrile	C	107-13-1	53.08	ND		ND	0.0413	1.38
Methyl-tert-butyl ether(MTBE)	C	1634-04-4	88.15	ND		ND	10.8	360
trans-1,2-Dichloroethene	--	156-60-5	96.94	ND		ND	N.E.	N.E.
n-Hexane	NC	110-54-3	86.18	ND		ND	730	24333
1,1-Dichloroethane	C	75-34-3	98.96	3.9		16	1.75	58.5
Vinyl acetate	NC	108-05-4	86.09	ND		ND	209	6952
2-Butanone(MEK)	NC	78-93-3	72.11	1.6		4.7	5214	173810
cis-1,2-Dichloroethene	--	156-59-2	96.94	ND		ND	N.E.	N.E.
Ethyl acetate	NC	141-78-6	88.11	98	D	350	73.0	2433
Chloroform	C	67-66-3	119.4	ND		ND	0.122	4.07
Tetrahydrofuran	NC	109-99-9	72.11	6.1		18	2086	69524
1,1,1-Trichloroethane	NC	71-55-6	133.4	2.4		13	5214	173810
Cyclohexane	NC	110-82-7	84.16	ND		ND	6257	208571
2,2,4-Trimethylpentane(Isooctane)	--	540-84-1	114.2	ND		ND	N.E.	N.E.
Carbon tetrachloride	C	56-23-5	153.8	ND		ND	0.468	15.6
n-Heptane	NC	142-82-5	100.2	ND		ND	417	13905
1,2-Dichloroethane	C	107-06-2	98.96	ND		ND	0.108	3.60
Benzene	C	71-43-2	78.11	ND		ND	0.360	12.0
Trichloroethene	C	79-01-6	131.4	26		140	0.478	15.9
1,2-Dichloropropane	C	78-87-5	113.0	ND		ND	0.759	25.3
Methyl Methacrylate	NC	80-62-6	100.1	ND		ND	730	24333
Bromodichloromethane	C	75-27-4	163.8	ND		ND	0.0759	2.53
1,4-Dioxane	C	123-91-1	88.11	0.28		1.0	0.562	18.7
4-Methyl-2-pentanone(MIBK)	NC	108-10-1	100.2	ND		ND	3129	104286
cis-1,3-Dichloropropene**	C	10061-01-5	111.0	ND		ND	0.702	23.4



EMSL ANALYTICAL, INC.
 10801 Southern Loop Blvd
 Pineville, NC 28134
 Telephone: (704)525-2205 FAX: (704)525-2382
charlottelab@emsl.com | <http://www.EMSL.com>

EMSL ORDER ID: 412500642
 EMSL CUSTOMER ID: TTLI36A
 EMSL SAMPLE ID: 412500642-0003
 CUSTOMER SAMPLE ID: SG-3

Attention: Ben Savard
 TTL Inc
 101 Quality Circle NW
 Suite 130
 Huntsville, AL 35806

Customer PO: 230500461
EMSL Project ID:
Project Name: Technical Micronics Control

Phone: 256-682-5544
Email: ben.savard@ttlusa.com

Collected: 01/16/2025 09:18
Received: 01/17/2025 09:30
Analyzed: See Results
Reported: 1/30/2025

Analysis Initial	Analysis Date	Analyst Init.	Lab File ID	Canister ID	Sample Vol.	Dil. Factor
Dilution1	01/22/2025	JS	B8401.D	HD169997	250 cc	1
	01/23/2025	JS	B8421.D	HD169997	50 cc	5

USEPA Vapor Intrusion Screening Levels (VISL)

Target Compounds	Tox. Basis	CAS#	MW	Result ppbv	Q	Result ug/m3	Indoor Air ug/m3	Sub Slab/ Ext. ug/m3
Toluene	NC	108-88-3	92.14	0.28		1.1	5214	173810
trans-1,3-Dichloropropene**	C	10061-02-6	111.0	ND		ND	0.702	23.4
1,1,2-Trichloroethane	C	79-00-5	133.4	ND		ND	0.175	5.85
2-Hexanone(MBK)	NC	591-78-6	100.2	ND		ND	31.3	1043
Tetrachloroethene	C	127-18-4	165.8	0.96		6.5	10.8	360
Dibromochloromethane	--	124-48-1	208.3	ND		ND	N.E.	N.E.
1,2-Dibromoethane	C	106-93-4	187.9	ND		ND	0.00468	0.156
Chlorobenzene	NC	108-90-7	112.6	ND		ND	52.1	1738
Ethylbenzene	C	100-41-4	106.2	ND		ND	1.12	37.4
Xylene (p,m)	NC	1330-20-7	106.2	ND		ND	104	3476
Xylene (Ortho)	NC	95-47-6	106.2	ND		ND	104	3476
Styrene	NC	100-42-5	104.1	ND		ND	1043	34762
Isopropylbenzene (cumene)	NC	98-82-8	120.2	ND		ND	417	13905
Bromoform	C	75-25-2	252.7	ND		ND	2.55	85.1
1,1,2,2-Tetrachloroethane	C	79-34-5	167.9	ND		ND	0.0484	1.61
4-Ethyltoluene	--	622-96-8	120.2	ND		ND	N.E.	N.E.
1,3,5-Trimethylbenzene	NC	108-67-8	120.2	ND		ND	62.6	2086
2-Chlorotoluene	--	95-49-8	126.6	ND		ND	N.E.	N.E.
1,2,4-Trimethylbenzene	NC	95-63-6	120.2	ND		ND	62.6	2086
1,3-Dichlorobenzene	--	541-73-1	147.0	ND		ND	N.E.	N.E.
1,4-Dichlorobenzene	C	106-46-7	147.0	ND		ND	0.255	8.51
Benzyl chloride	C	100-44-7	126.6	ND		ND	0.0573	1.91
1,2-Dichlorobenzene	NC	95-50-1	147.0	ND		ND	209	6952
1,2,4-Trichlorobenzene	NC	120-82-1	181.4	ND		ND	2.09	69.5
Hexachloro-1,3-butadiene	C	87-68-3	260.8	ND		ND	0.128	4.25
Naphthalene	C	91-20-3	128.2	ND		ND	0.0826	2.75

**The concentrations of each isomer should be added if multiple isomers are present and compared to the total screening level.

The > column is used to flag exceedances as marked

Exposure Limit Definitions

RSL= Regional Screening Level at Target Hazard Quotient (THQ) =0.1 if available, otherwise THQ = 1

Agency Definitions

USEPA= United States Environmental Protection Agency

Reference

EPA Vapor Intrusion Screening Levels (VISL), March 2012

Carcinogenic (C) Exceedance

Value exceeds the theoretical risk that 1 additional case of cancer will occur in a population of 1 million than statistically expected. Thus is a theoretical risk and not an actual epidemiological one.

Compound Exposure Definitions

NE= No Limit Established NS= No Screening Value LFC= Lowest Feasible Concentration

Qualifier Definitions

B = Compound also found in method blank. ND = Non Detect E= Estimated concentration exceeding upper calibration range. D= Result reported from diluted analysis. J= Concentration estimated between Reporting Limit and MDL.

NonCarcinogenic (NC) Exceedance

Value exceeds the theoretical risk that 1 in a population of 100,000 will experience deleterious health effects. Thus is a theoretical risk and not an actual epidemiological one.



EMSL ANALYTICAL, INC.
 10801 Southern Loop Blvd
 Pineville, NC 28134
 Telephone: (704)525-2205 FAX: (704)525-2382
charlottelab@emsl.com | <http://www.EMSL.com>

EMSL ORDER ID: 412500642
 EMSL CUSTOMER ID: TTLI36A
 EMSL SAMPLE ID: 412500642-0004
 CUSTOMER SAMPLE ID: SG-4

Attention: Ben Savard
 TTL Inc
 101 Quality Circle NW
 Suite 130
 Huntsville, AL 35806

Customer PO: 230500461
EMSL Project ID:
Project Name: Technical Micronics Control

Phone: 256-682-5544
Email: ben.savard@ttlusa.com

Collected: 01/16/2025 09:34
Received: 01/17/2025 09:30
Analyzed: See Results
Reported: 1/30/2025

Analysis Initial	Analysis Date	Analyst Init.	Lab File ID	Canister ID	Sample Vol.	Dil. Factor
	01/22/2025	JS	B8402.D	HD16985	250 cc	1
Dilution1	01/23/2025	JS	B8422.D	HD16985	25 cc	10

USEPA Vapor Intrusion Screening Levels (VISL)

Target Compounds	Tox. Basis	CAS#	MW	Result ppbv	Q	Result ug/m3	Indoor Air ug/m3	Sub Slab/ Ext. ug/m3
Propylene	NC	115-07-1	42.08	ND		ND	3129	104286
Freon 12(Dichlorodifluoromethane)	NC	75-71-8	120.9	0.53		2.6	104	3476
Freon 114(1,2-Dichlorotetrafluoroethan	--	76-14-2	170.9	ND		ND	N.E.	N.E.
Chloromethane	NC	74-87-3	50.49	ND		ND	93.9	3129
n-Butane	--	106-97-8	58.12	0.51		1.2	N.E.	N.E.
Vinyl chloride	C	75-01-4	62.50	0.76		1.9	0.168	5.59
1,3-Butadiene	C	106-99-0	54.09	ND		ND	0.0936	3.12
Bromomethane	NC	74-83-9	94.94	ND		ND	5.21	174
Chloroethane	NC	75-00-3	64.51	ND		ND	10429	347619
Ethanol	--	64-17-5	46.07	5.2		10	N.E.	N.E.
Bromoethene(Vinyl bromide)	C	593-60-2	106.9	ND		ND	0.0877	2.92
Freon 11(Trichlorofluoromethane)	--	75-69-4	137.4	ND		ND	N.E.	N.E.
Isopropyl alcohol(2-Propanol)	NC	67-63-0	60.09	650	DE	1600	209	6952
Freon 113(1,1,2-Trichlorotrifluoroethan	NC	76-13-1	187.4	230	D	1700	5214	173810
Acetone	NC	67-64-1	58.08	23		54	32329	1077619
1,1-Dichloroethene	NC	75-35-4	96.94	ND		ND	209	6952
Acetonitrile	NC	75-05-8	41.05	ND		ND	62.6	2086
Tertiary butyl alcohol(TBA)	--	75-65-0	74.12	0.69		2.1	N.E.	N.E.
Bromoethane(Ethyl bromide)	--	74-96-4	109.0	ND		ND	N.E.	N.E.
3-Chloropropene(Allyl chloride)	C	107-05-1	76.52	ND		ND	0.468	15.6
Carbon disulfide	NC	75-15-0	76.14	ND		ND	730	24333
Methylene chloride	C	75-09-2	84.93	ND		ND	101	3380
Acrylonitrile	C	107-13-1	53.08	ND		ND	0.0413	1.38
Methyl-tert-butyl ether(MTBE)	C	1634-04-4	88.15	ND		ND	10.8	360
trans-1,2-Dichloroethene	--	156-60-5	96.94	ND		ND	N.E.	N.E.
n-Hexane	NC	110-54-3	86.18	ND		ND	730	24333
1,1-Dichloroethane	C	75-34-3	98.96	0.78		3.1	1.75	58.5
Vinyl acetate	NC	108-05-4	86.09	ND		ND	209	6952
2-Butanone(MEK)	NC	78-93-3	72.11	2.4		7.1	5214	173810
cis-1,2-Dichloroethene	--	156-59-2	96.94	ND		ND	N.E.	N.E.
Ethyl acetate	NC	141-78-6	88.11	170	D	600	73.0	2433
Chloroform	C	67-66-3	119.4	ND		ND	0.122	4.07
Tetrahydrofuran	NC	109-99-9	72.11	6.3		18	2086	69524
1,1,1-Trichloroethane	NC	71-55-6	133.4	0.56		3.0	5214	173810
Cyclohexane	NC	110-82-7	84.16	ND		ND	6257	208571
2,2,4-Trimethylpentane(Isooctane)	--	540-84-1	114.2	ND		ND	N.E.	N.E.
Carbon tetrachloride	C	56-23-5	153.8	ND		ND	0.468	15.6
n-Heptane	NC	142-82-5	100.2	ND		ND	417	13905
1,2-Dichloroethane	C	107-06-2	98.96	ND		ND	0.108	3.60
Benzene	C	71-43-2	78.11	ND		ND	0.360	12.0
Trichloroethene	C	79-01-6	131.4	13		68	0.478	15.9
1,2-Dichloropropane	C	78-87-5	113.0	ND		ND	0.759	25.3
Methyl Methacrylate	NC	80-62-6	100.1	ND		ND	730	24333
Bromodichloromethane	C	75-27-4	163.8	ND		ND	0.0759	2.53
1,4-Dioxane	C	123-91-1	88.11	ND		ND	0.562	18.7
4-Methyl-2-pentanone(MIBK)	NC	108-10-1	100.2	0.62		2.5	3129	104286
cis-1,3-Dichloropropene**	C	10061-01-5	111.0	ND		ND	0.702	23.4



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 10801 Southern Loop Blvd
 Pineville, NC 28134
 Telephone: (704)525-2205 FAX: (704)525-2382
charlottelab@emsl.com | <http://www.EMSL.com>

EMSL ORDER ID: 412500642
 EMSL CUSTOMER ID: TTL136A
 EMSL SAMPLE ID: 412500642-0004
 CUSTOMER SAMPLE ID: SG-4

Attention: Ben Savard
 TTL Inc
 101 Quality Circle NW
 Suite 130
 Huntsville, AL 35806

Customer PO: 230500461
EMSL Project ID:
Project Name: Technical Micronics Control

Phone: 256-682-5544
Email: ben.savard@ttlusa.com

Collected: 01/16/2025 09:34
Received: 01/17/2025 09:30
Analyzed: See Results
Reported: 1/30/2025

Analysis Initial	Analysis Date	Analyst Init.	Lab File ID	Canister ID	Sample Vol.	Dil. Factor
Dilution1	01/22/2025	JS	B8402.D	HD16985	250 cc	1
	01/23/2025	JS	B8422.D	HD16985	25 cc	10

USEPA Vapor Intrusion Screening Levels (VISL)

Target Compounds	Tox. Basis	CAS#	MW	Result ppbv	Q	Result ug/m3	Indoor Air ug/m3	Sub Slab/ Ext. ug/m3
Toluene	NC	108-88-3	92.14	ND		ND	5214	173810
trans-1,3-Dichloropropene**	C	10061-02-6	111.0	ND		ND	0.702	23.4
1,1,2-Trichloroethane	C	79-00-5	133.4	ND		ND	0.175	5.85
2-Hexanone(MBK)	NC	591-78-6	100.2	0.88		3.6	31.3	1043
Tetrachloroethene	C	127-18-4	165.8	5.7		39	10.8	360
Dibromochloromethane	--	124-48-1	208.3	ND		ND	N.E.	N.E.
1,2-Dibromoethane	C	106-93-4	187.9	ND		ND	0.00468	0.156
Chlorobenzene	NC	108-90-7	112.6	ND		ND	52.1	1738
Ethylbenzene	C	100-41-4	106.2	ND		ND	1.12	37.4
Xylene (p,m)	NC	1330-20-7	106.2	0.65		2.8	104	3476
Xylene (Ortho)	NC	95-47-6	106.2	ND		ND	104	3476
Styrene	NC	100-42-5	104.1	ND		ND	1043	34762
Isopropylbenzene (cumene)	NC	98-82-8	120.2	ND		ND	417	13905
Bromoform	C	75-25-2	252.7	ND		ND	2.55	85.1
1,1,2,2-Tetrachloroethane	C	79-34-5	167.9	ND		ND	0.0484	1.61
4-Ethyltoluene	--	622-96-8	120.2	ND		ND	N.E.	N.E.
1,3,5-Trimethylbenzene	NC	108-67-8	120.2	ND		ND	62.6	2086
2-Chlorotoluene	--	95-49-8	126.6	ND		ND	N.E.	N.E.
1,2,4-Trimethylbenzene	NC	95-63-6	120.2	ND		ND	62.6	2086
1,3-Dichlorobenzene	--	541-73-1	147.0	ND		ND	N.E.	N.E.
1,4-Dichlorobenzene	C	106-46-7	147.0	ND		ND	0.255	8.51
Benzyl chloride	C	100-44-7	126.6	ND		ND	0.0573	1.91
1,2-Dichlorobenzene	NC	95-50-1	147.0	ND		ND	209	6952
1,2,4-Trichlorobenzene	NC	120-82-1	181.4	ND		ND	2.09	69.5
Hexachloro-1,3-butadiene	C	87-68-3	260.8	ND		ND	0.128	4.25
Naphthalene	C	91-20-3	128.2	ND		ND	0.0826	2.75

**The concentrations of each isomer should be added if multiple isomers are present and compared to the total screening level.

The > column is used to flag exceedances as marked

Exposure Limit Definitions

RSL= Regional Screening Level at Target Hazard Quotient (THQ) =0.1 if available, otherwise THQ = 1

Agency Definitions

USEPA= United States Environmental Protection Agency

Reference

EPA Vapor Intrusion Screening Levels (VISL), March 2012

Carcinogenic (C) Exceedance

Value exceeds the theoretical risk that 1 additional case of cancer will occur in a population of 1 million than statistically expected. Thus is a theoretical risk and not an actual epidemiological one.

Compound Exposure Definitions

NE= No Limit Established NS= No Screening Value
 LFC= Lowest Feasible Concentration

Qualifier Definitions

B = Compound also found in method blank. ND = Non Detect
 E= Estimated concentration exceeding upper calibration range.
 D= Result reported from diluted analysis.
 J= Concentration estimated between Reporting Limit and MDL.

NonCarcinogenic (NC) Exceedance

Value exceeds the theoretical risk that 1 in a population of 100,000 will experience deleterious health effects. Thus is a theoretical risk and not an actual epidemiological one.



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 10801 Southern Loop Blvd
 Pineville, NC 28134
 Telephone: (704)525-2205 FAX: (704)525-2382
charlottelab@emsl.com | <http://www.EMSL.com>

EMSL ORDER ID: 412500642
 EMSL CUSTOMER ID: TTLI36A
 EMSL SAMPLE ID: 412500642-0005
 CUSTOMER SAMPLE ID: SG-5

Attention: Ben Savard
 TTL Inc
 101 Quality Circle NW
 Suite 130
 Huntsville, AL 35806

Customer PO: 230500461
EMSL Project ID:
Project Name: Technical Micronics Control

Phone: 256-682-5544
Email: ben.savard@ttlusa.com

Collected: 01/16/2025 09:49
Received: 01/17/2025 09:30
Analyzed: See Results
Reported: 1/30/2025

Analysis Initial	Analysis Date	Analyst Init.	Lab File ID	Canister ID	Sample Vol.	Dil. Factor
	01/22/2025	JS	B8403.D	HD16912	250 cc	1
Dilution1	01/23/2025	JS	B8423.D	HD16912	50 cc	5

USEPA Vapor Intrusion Screening Levels (VISL)

Target Compounds	Tox. Basis	CAS#	MW	Result ppbv	Q	Result ug/m3	Indoor Air ug/m3	Sub Slab/ Ext. ug/m3
Propylene	NC	115-07-1	42.08	ND		ND	3129	104286
Freon 12(Dichlorodifluoromethane)	NC	75-71-8	120.9	0.43		2.1	104	3476
Freon 114(1,2-Dichlorotetrafluoroethan	--	76-14-2	170.9	ND		ND	N.E.	N.E.
Chloromethane	NC	74-87-3	50.49	ND		ND	93.9	3129
n-Butane	--	106-97-8	58.12	0.21		0.50	N.E.	N.E.
Vinyl chloride	C	75-01-4	62.50	ND		ND	0.168	5.59
1,3-Butadiene	C	106-99-0	54.09	ND		ND	0.0936	3.12
Bromomethane	NC	74-83-9	94.94	ND		ND	5.21	174
Chloroethane	NC	75-00-3	64.51	ND		ND	10429	347619
Ethanol	--	64-17-5	46.07	4.8		9.0	N.E.	N.E.
Bromoethene(Vinyl bromide)	C	593-60-2	106.9	ND		ND	0.0877	2.92
Freon 11(Trichlorofluoromethane)	--	75-69-4	137.4	0.22		1.2	N.E.	N.E.
Isopropyl alcohol(2-Propanol)	NC	67-63-0	60.09	380	DE	940	209	6952
Freon 113(1,1,2-Trichlorotrifluoroethan	NC	76-13-1	187.4	5.2		40	5214	173810
Acetone	NC	67-64-1	58.08	13		32	32329	1077619
1,1-Dichloroethene	NC	75-35-4	96.94	ND		ND	209	6952
Acetonitrile	NC	75-05-8	41.05	ND		ND	62.6	2086
Tertiary butyl alcohol(TBA)	--	75-65-0	74.12	0.66		2.0	N.E.	N.E.
Bromoethane(Ethyl bromide)	--	74-96-4	109.0	ND		ND	N.E.	N.E.
3-Chloropropene(Allyl chloride)	C	107-05-1	76.52	ND		ND	0.468	15.6
Carbon disulfide	NC	75-15-0	76.14	ND		ND	730	24333
Methylene chloride	C	75-09-2	84.93	ND		ND	101	3380
Acrylonitrile	C	107-13-1	53.08	ND		ND	0.0413	1.38
Methyl-tert-butyl ether(MTBE)	C	1634-04-4	88.15	ND		ND	10.8	360
trans-1,2-Dichloroethene	--	156-60-5	96.94	ND		ND	N.E.	N.E.
n-Hexane	NC	110-54-3	86.18	ND		ND	730	24333
1,1-Dichloroethane	C	75-34-3	98.96	ND		ND	1.75	58.5
Vinyl acetate	NC	108-05-4	86.09	ND		ND	209	6952
2-Butanone(MEK)	NC	78-93-3	72.11	1.6		4.6	5214	173810
cis-1,2-Dichloroethene	--	156-59-2	96.94	ND		ND	N.E.	N.E.
Ethyl acetate	NC	141-78-6	88.11	55	D	200	73.0	2433
Chloroform	C	67-66-3	119.4	ND		ND	0.122	4.07
Tetrahydrofuran	NC	109-99-9	72.11	6.8		20	2086	69524
1,1,1-Trichloroethane	NC	71-55-6	133.4	ND		ND	5214	173810
Cyclohexane	NC	110-82-7	84.16	ND		ND	6257	208571
2,2,4-Trimethylpentane(Isooctane)	--	540-84-1	114.2	ND		ND	N.E.	N.E.
Carbon tetrachloride	C	56-23-5	153.8	ND		ND	0.468	15.6
n-Heptane	NC	142-82-5	100.2	ND		ND	417	13905
1,2-Dichloroethane	C	107-06-2	98.96	ND		ND	0.108	3.60
Benzene	C	71-43-2	78.11	ND		ND	0.360	12.0
Trichloroethene	C	79-01-6	131.4	6.0		32	0.478	15.9
1,2-Dichloropropane	C	78-87-5	113.0	ND		ND	0.759	25.3
Methyl Methacrylate	NC	80-62-6	100.1	ND		ND	730	24333
Bromodichloromethane	C	75-27-4	163.8	ND		ND	0.0759	2.53
1,4-Dioxane	C	123-91-1	88.11	ND		ND	0.562	18.7
4-Methyl-2-pentanone(MIBK)	NC	108-10-1	100.2	ND		ND	3129	104286
cis-1,3-Dichloropropene**	C	10061-01-5	111.0	ND		ND	0.702	23.4



EMSL ANALYTICAL, INC.
 10801 Southern Loop Blvd
 Pineville, NC 28134
 Telephone: (704)525-2205 FAX: (704)525-2382
charlottelab@emsl.com | <http://www.EMSL.com>

EMSL ORDER ID: 412500642
 EMSL CUSTOMER ID: TTLI36A
 EMSL SAMPLE ID: 412500642-0005
 CUSTOMER SAMPLE ID: SG-5

Attention: Ben Savard
 TTL Inc
 101 Quality Circle NW
 Suite 130
 Huntsville, AL 35806

Customer PO: 230500461
EMSL Project ID:
Project Name: Technical Micronics Control

Phone: 256-682-5544
Email: ben.savard@ttlusa.com

Collected: 01/16/2025 09:49
Received: 01/17/2025 09:30
Analyzed: See Results
Reported: 1/30/2025

Analysis Initial	Analysis Date	Analyst Init.	Lab File ID	Canister ID	Sample Vol.	Dil. Factor
Dilution1	01/22/2025	JS	B8403.D	HD16912	250 cc	1
	01/23/2025	JS	B8423.D	HD16912	50 cc	5

USEPA Vapor Intrusion Screening Levels (VISL)

Target Compounds	Tox. Basis	CAS#	MW	Result ppbv	Q	Result ug/m3	Indoor Air ug/m3	Sub Slab/ Ext. ug/m3
Toluene	NC	108-88-3	92.14	0.23		0.88	5214	173810
trans-1,3-Dichloropropene**	C	10061-02-6	111.0	ND		ND	0.702	23.4
1,1,2-Trichloroethane	C	79-00-5	133.4	ND		ND	0.175	5.85
2-Hexanone(MBK)	NC	591-78-6	100.2	ND		ND	31.3	1043
Tetrachloroethene	C	127-18-4	165.8	1.1		7.2	10.8	360
Dibromochloromethane	--	124-48-1	208.3	ND		ND	N.E.	N.E.
1,2-Dibromoethane	C	106-93-4	187.9	ND		ND	0.00468	0.156
Chlorobenzene	NC	108-90-7	112.6	ND		ND	52.1	1738
Ethylbenzene	C	100-41-4	106.2	ND		ND	1.12	37.4
Xylene (p,m)	NC	1330-20-7	106.2	ND		ND	104	3476
Xylene (Ortho)	NC	95-47-6	106.2	ND		ND	104	3476
Styrene	NC	100-42-5	104.1	ND		ND	1043	34762
Isopropylbenzene (cumene)	NC	98-82-8	120.2	ND		ND	417	13905
Bromoform	C	75-25-2	252.7	ND		ND	2.55	85.1
1,1,2,2-Tetrachloroethane	C	79-34-5	167.9	ND		ND	0.0484	1.61
4-Ethyltoluene	--	622-96-8	120.2	ND		ND	N.E.	N.E.
1,3,5-Trimethylbenzene	NC	108-67-8	120.2	ND		ND	62.6	2086
2-Chlorotoluene	--	95-49-8	126.6	ND		ND	N.E.	N.E.
1,2,4-Trimethylbenzene	NC	95-63-6	120.2	ND		ND	62.6	2086
1,3-Dichlorobenzene	--	541-73-1	147.0	ND		ND	N.E.	N.E.
1,4-Dichlorobenzene	C	106-46-7	147.0	ND		ND	0.255	8.51
Benzyl chloride	C	100-44-7	126.6	ND		ND	0.0573	1.91
1,2-Dichlorobenzene	NC	95-50-1	147.0	ND		ND	209	6952
1,2,4-Trichlorobenzene	NC	120-82-1	181.4	ND		ND	2.09	69.5
Hexachloro-1,3-butadiene	C	87-68-3	260.8	ND		ND	0.128	4.25
Naphthalene	C	91-20-3	128.2	ND		ND	0.0826	2.75

**The concentrations of each isomer should be added if multiple isomers are present and compared to the total screening level.

The > column is used to flag exceedances as marked

Exposure Limit Definitions

RSL= Regional Screening Level at Target Hazard Quotient (THQ) =0.1 if available, otherwise THQ = 1

Agency Definitions

USEPA= United States Environmental Protection Agency

Reference

EPA Vapor Intrusion Screening Levels (VISL), March 2012

Carcinogenic (C) Exceedance

Value exceeds the theoretical risk that 1 additional case of cancer will occur in a population of 1 million than statistically expected. Thus is a theoretical risk and not an actual epidemiological one.

Compound Exposure Definitions

NE= No Limit Established NS= No Screening Value
 LFC= Lowest Feasible Concentration

Qualifier Definitions

B = Compound also found in method blank. **ND** = Non Detect
E= Estimated concentration exceeding upper calibration range.
D= Result reported from diluted analysis.
J= Concentration estimated between Reporting Limit and MDL.

NonCarcinogenic (NC) Exceedance

Value exceeds the theoretical risk that 1 in a population of 100,000 will experience deleterious health effects. Thus is a theoretical risk and not an actual epidemiological one.



EMSL ANALYTICAL, INC.
 10801 Southern Loop Blvd
 Pineville, NC 28134
 Telephone: (704)525-2205 FAX: (704)525-2382
charlottelab@emsl.com | <http://www.EMSL.com>

EMSL ORDER ID: 412500642
 EMSL CUSTOMER ID: TTLI36A
 EMSL SAMPLE ID: 412500642-0006
 CUSTOMER SAMPLE ID: SG-6

Attention: Ben Savard
 TTL Inc
 101 Quality Circle NW
 Suite 130
 Huntsville, AL 35806

Customer PO: 230500461
EMSL Project ID:
Project Name: Technical Micronics Control

Phone: 256-682-5544
Email: ben.savard@ttlusa.com

Collected: 01/16/2025 10:09
Received: 01/17/2025 09:30
Analyzed: See Results
Reported: 1/30/2025

Analysis Initial	Analysis Date	Analyst Init.	Lab File ID	Canister ID	Sample Vol.	Dil. Factor
	01/22/2025	JS	B8404.D	HD16990	250 cc	1

USEPA Vapor Intrusion Screening Levels (VISL)

Target Compounds	Tox. Basis	CAS#	MW	Result ppbv	Q	Result ug/m3	Indoor Air		Sub Slab/ Ext.	
							ug/m3	>	ug/m3	>
Propylene	NC	115-07-1	42.08	ND		ND	3129			104286
Freon 12(Dichlorodifluoromethane)	NC	75-71-8	120.9	0.41		2.1	104			3476
Freon 114(1,2-Dichlorotetrafluoroethan	--	76-14-2	170.9	ND		ND	N.E.			N.E.
Chloromethane	NC	74-87-3	50.49	ND		ND	93.9			3129
n-Butane	--	106-97-8	58.12	0.40		0.94	N.E.			N.E.
Vinyl chloride	C	75-01-4	62.50	ND		ND	0.168			5.59
1,3-Butadiene	C	106-99-0	54.09	ND		ND	0.0936			3.12
Bromomethane	NC	74-83-9	94.94	ND		ND	5.21			174
Chloroethane	NC	75-00-3	64.51	ND		ND	10429			347619
Ethanol	--	64-17-5	46.07	6.7		13	N.E.			N.E.
Bromoethene(Vinyl bromide)	C	593-60-2	106.9	ND		ND	0.0877			2.92
Freon 11(Trichlorofluoromethane)	--	75-69-4	137.4	0.22		1.2	N.E.			N.E.
Isopropyl alcohol(2-Propanol)	NC	67-63-0	60.09	110	E	280	209			6952
Freon 113(1,1,2-Trichlorotrifluoroethan	NC	76-13-1	187.4	1.1		8.3	5214			173810
Acetone	NC	67-64-1	58.08	12		29	32329			1077619
1,1-Dichloroethene	NC	75-35-4	96.94	ND		ND	209			6952
Acetonitrile	NC	75-05-8	41.05	ND		ND	62.6			2086
Tertiary butyl alcohol(TBA)	--	75-65-0	74.12	0.39		1.2	N.E.			N.E.
Bromoethane(Ethyl bromide)	--	74-96-4	109.0	ND		ND	N.E.			N.E.
3-Chloropropene(Allyl chloride)	C	107-05-1	76.52	ND		ND	0.468			15.6
Carbon disulfide	NC	75-15-0	76.14	ND		ND	730			24333
Methylene chloride	C	75-09-2	84.93	ND		ND	101			3380
Acrylonitrile	C	107-13-1	53.08	ND		ND	0.0413			1.38
Methyl-tert-butyl ether(MTBE)	C	1634-04-4	88.15	ND		ND	10.8			360
trans-1,2-Dichloroethene	--	156-60-5	96.94	ND		ND	N.E.			N.E.
n-Hexane	NC	110-54-3	86.18	ND		ND	730			24333
1,1-Dichloroethane	C	75-34-3	98.96	ND		ND	1.75			58.5
Vinyl acetate	NC	108-05-4	86.09	ND		ND	209			6952
2-Butanone(MEK)	NC	78-93-3	72.11	1.5		4.5	5214			173810
cis-1,2-Dichloroethene	--	156-59-2	96.94	ND		ND	N.E.			N.E.
Ethyl acetate	NC	141-78-6	88.11	23		82	73.0			2433
Chloroform	C	67-66-3	119.4	ND		ND	0.122			4.07
Tetrahydrofuran	NC	109-99-9	72.11	7.2		21	2086			69524
1,1,1-Trichloroethane	NC	71-55-6	133.4	ND		ND	5214			173810
Cyclohexane	NC	110-82-7	84.16	ND		ND	6257			208571
2,2,4-Trimethylpentane(Isooctane)	--	540-84-1	114.2	ND		ND	N.E.			N.E.
Carbon tetrachloride	C	56-23-5	153.8	ND		ND	0.468			15.6
n-Heptane	NC	142-82-5	100.2	ND		ND	417			13905
1,2-Dichloroethane	C	107-06-2	98.96	ND		ND	0.108			3.60
Benzene	C	71-43-2	78.11	ND		ND	0.360			12.0
Trichloroethene	C	79-01-6	131.4	2.2		12	0.478			15.9
1,2-Dichloropropane	C	78-87-5	113.0	ND		ND	0.759			25.3
Methyl Methacrylate	NC	80-62-6	100.1	ND		ND	730			24333
Bromodichloromethane	C	75-27-4	163.8	ND		ND	0.0759			2.53
1,4-Dioxane	C	123-91-1	88.11	1.7		6.2	0.562			18.7
4-Methyl-2-pentanone(MIBK)	NC	108-10-1	100.2	ND		ND	3129			104286
cis-1,3-Dichloropropene**	C	10061-01-5	111.0	ND		ND	0.702			23.4



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 10801 Southern Loop Blvd
 Pineville, NC 28134
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charlottelab@emsl.com | <http://www.EMSL.com>

EMSL ORDER ID: 412500642
 EMSL CUSTOMER ID: TTLI36A
 EMSL SAMPLE ID: 412500642-0006
 CUSTOMER SAMPLE ID: SG-6

Attention: Ben Savard
 TTL Inc
 101 Quality Circle NW
 Suite 130
 Huntsville, AL 35806

Customer PO: 230500461
EMSL Project ID:
Project Name: Technical Micronics Control

Phone: 256-682-5544
Email: ben.savard@ttlusa.com

Collected: 01/16/2025 10:09
Received: 01/17/2025 09:30
Analyzed: See Results
Reported: 1/30/2025

Analysis Initial	Analysis Date	Analyst Init.	Lab File ID	Canister ID	Sample Vol.	Dil. Factor
	01/22/2025	JS	B8404.D	HD16990	250 cc	1

USEPA Vapor Intrusion Screening Levels (VISL)

Target Compounds	Tox. Basis	CAS#	MW	Result ppbv	Q	Result ug/m3	Indoor Air ug/m3	Sub Slab/ Ext. ug/m3
Toluene	NC	108-88-3	92.14	0.28		1.1	5214	173810
trans-1,3-Dichloropropene**	C	10061-02-6	111.0	ND		ND	0.702	23.4
1,1,2-Trichloroethane	C	79-00-5	133.4	ND		ND	0.175	5.85
2-Hexanone(MBK)	NC	591-78-6	100.2	ND		ND	31.3	1043
Tetrachloroethene	C	127-18-4	165.8	0.59		4.0	10.8	360
Dibromochloromethane	--	124-48-1	208.3	ND		ND	N.E.	N.E.
1,2-Dibromoethane	C	106-93-4	187.9	ND		ND	0.00468	0.156
Chlorobenzene	NC	108-90-7	112.6	ND		ND	52.1	1738
Ethylbenzene	C	100-41-4	106.2	ND		ND	1.12	37.4
Xylene (p,m)	NC	1330-20-7	106.2	ND		ND	104	3476
Xylene (Ortho)	NC	95-47-6	106.2	ND		ND	104	3476
Styrene	NC	100-42-5	104.1	ND		ND	1043	34762
Isopropylbenzene (cumene)	NC	98-82-8	120.2	ND		ND	417	13905
Bromoform	C	75-25-2	252.7	ND		ND	2.55	85.1
1,1,2,2-Tetrachloroethane	C	79-34-5	167.9	ND		ND	0.0484	1.61
4-Ethyltoluene	--	622-96-8	120.2	ND		ND	N.E.	N.E.
1,3,5-Trimethylbenzene	NC	108-67-8	120.2	ND		ND	62.6	2086
2-Chlorotoluene	--	95-49-8	126.6	ND		ND	N.E.	N.E.
1,2,4-Trimethylbenzene	NC	95-63-6	120.2	ND		ND	62.6	2086
1,3-Dichlorobenzene	--	541-73-1	147.0	ND		ND	N.E.	N.E.
1,4-Dichlorobenzene	C	106-46-7	147.0	ND		ND	0.255	8.51
Benzyl chloride	C	100-44-7	126.6	ND		ND	0.0573	1.91
1,2-Dichlorobenzene	NC	95-50-1	147.0	ND		ND	209	6952
1,2,4-Trichlorobenzene	NC	120-82-1	181.4	ND		ND	2.09	69.5
Hexachloro-1,3-butadiene	C	87-68-3	260.8	ND		ND	0.128	4.25
Naphthalene	C	91-20-3	128.2	ND		ND	0.0826	2.75

**The concentrations of each isomer should be added if multiple isomers are present and compared to the total screening level.

The > column is used to flag exceedances as marked

Exposure Limit Definitions

RSL= Regional Screening Level at Target Hazard Quotient (THQ) =0.1 if available, otherwise THQ = 1

Agency Definitions

USEPA= United States Environmental Protection Agency

Reference

EPA Vapor Intrusion Screening Levels (VISL), March 2012

Carcinogenic (C) Exceedance

Value exceeds the theoretical risk that 1 additional case of cancer will occur in a population of 1 million than statistically expected. Thus is a theoretical risk and not an actual epidemiological one.

Compound Exposure Definitions

NE= No Limit Established NS= No Screening Value
 LFC= Lowest Feasible Concentration

Qualifier Definitions

B = Compound also found in method blank. **ND** = Non Detect
E= Estimated concentration exceeding upper calibration range.
D= Result reported from diluted analysis.
J= Concentration estimated between Reporting Limit and MDL.

NonCarcinogenic (NC) Exceedance

Value exceeds the theoretical risk that 1 in a population of 100,000 will experience deleterious health effects. Thus is a theoretical risk and not an actual epidemiological one.



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 10801 Southern Loop Blvd
 Pineville, NC 28134
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charlottelab@emsl.com | <http://www.EMSL.com>

EMSL ORDER ID: 412500642
 EMSL CUSTOMER ID: TTLI36A
 EMSL SAMPLE ID: 412500642-0007
 CUSTOMER SAMPLE ID: SG-7

Attention: Ben Savard
 TTL Inc
 101 Quality Circle NW
 Suite 130
 Huntsville, AL 35806

Customer PO: 230500461
EMSL Project ID:
Project Name: Technical Micronics Control

Phone: 256-682-5544
Email: ben.savard@ttlusa.com

Collected: 01/16/2025 10:22
Received: 01/17/2025 09:30
Analyzed: See Results
Reported: 1/30/2025

Analysis Initial	Analysis Date	Analyst Init.	Lab File ID	Canister ID	Sample Vol.	Dil. Factor
	01/22/2025	JS	B8405.D	HD16982	250 cc	1

USEPA Vapor Intrusion Screening Levels (VISL)

Target Compounds	Tox. Basis	CAS#	MW	Result ppbv	Q	Result ug/m3	Indoor Air ug/m3	Sub Slab/ Ext. ug/m3
Propylene	NC	115-07-1	42.08	ND		ND	3129	104286
Freon 12(Dichlorodifluoromethane)	NC	75-71-8	120.9	0.42		2.1	104	3476
Freon 114(1,2-Dichlorotetrafluoroethan	--	76-14-2	170.9	ND		ND	N.E.	N.E.
Chloromethane	NC	74-87-3	50.49	ND		ND	93.9	3129
n-Butane	--	106-97-8	58.12	1.1		2.6	N.E.	N.E.
Vinyl chloride	C	75-01-4	62.50	ND		ND	0.168	5.59
1,3-Butadiene	C	106-99-0	54.09	ND		ND	0.0936	3.12
Bromomethane	NC	74-83-9	94.94	ND		ND	5.21	174
Chloroethane	NC	75-00-3	64.51	ND		ND	10429	347619
Ethanol	--	64-17-5	46.07	9.3		18	N.E.	N.E.
Bromoethene(Vinyl bromide)	C	593-60-2	106.9	ND		ND	0.0877	2.92
Freon 11(Trichlorofluoromethane)	--	75-69-4	137.4	0.21		1.2	N.E.	N.E.
Isopropyl alcohol(2-Propanol)	NC	67-63-0	60.09	78	E	190	209	6952
Freon 113(1,1,2-Trichlorotrifluoroethan	NC	76-13-1	187.4	0.60		4.6	5214	173810
Acetone	NC	67-64-1	58.08	15		35	32329	1077619
1,1-Dichloroethene	NC	75-35-4	96.94	ND		ND	209	6952
Acetonitrile	NC	75-05-8	41.05	0.25		0.42	62.6	2086
Tertiary butyl alcohol(TBA)	--	75-65-0	74.12	0.48		1.5	N.E.	N.E.
Bromoethane(Ethyl bromide)	--	74-96-4	109.0	ND		ND	N.E.	N.E.
3-Chloropropene(Allyl chloride)	C	107-05-1	76.52	ND		ND	0.468	15.6
Carbon disulfide	NC	75-15-0	76.14	ND		ND	730	24333
Methylene chloride	C	75-09-2	84.93	ND		ND	101	3380
Acrylonitrile	C	107-13-1	53.08	ND		ND	0.0413	1.38
Methyl-tert-butyl ether(MTBE)	C	1634-04-4	88.15	ND		ND	10.8	360
trans-1,2-Dichloroethene	--	156-60-5	96.94	ND		ND	N.E.	N.E.
n-Hexane	NC	110-54-3	86.18	ND		ND	730	24333
1,1-Dichloroethane	C	75-34-3	98.96	ND		ND	1.75	58.5
Vinyl acetate	NC	108-05-4	86.09	ND		ND	209	6952
2-Butanone(MEK)	NC	78-93-3	72.11	1.8		5.4	5214	173810
cis-1,2-Dichloroethene	--	156-59-2	96.94	ND		ND	N.E.	N.E.
Ethyl acetate	NC	141-78-6	88.11	19		70	73.0	2433
Chloroform	C	67-66-3	119.4	ND		ND	0.122	4.07
Tetrahydrofuran	NC	109-99-9	72.11	8.0		23	2086	69524
1,1,1-Trichloroethane	NC	71-55-6	133.4	ND		ND	5214	173810
Cyclohexane	NC	110-82-7	84.16	0.51		1.8	6257	208571
2,2,4-Trimethylpentane(Isooctane)	--	540-84-1	114.2	ND		ND	N.E.	N.E.
Carbon tetrachloride	C	56-23-5	153.8	ND		ND	0.468	15.6
n-Heptane	NC	142-82-5	100.2	ND		ND	417	13905
1,2-Dichloroethane	C	107-06-2	98.96	ND		ND	0.108	3.60
Benzene	C	71-43-2	78.11	ND		ND	0.360	12.0
Trichloroethene	C	79-01-6	131.4	1.6		8.5	0.478	15.9
1,2-Dichloropropane	C	78-87-5	113.0	ND		ND	0.759	25.3
Methyl Methacrylate	NC	80-62-6	100.1	ND		ND	730	24333
Bromodichloromethane	C	75-27-4	163.8	ND		ND	0.0759	2.53
1,4-Dioxane	C	123-91-1	88.11	0.43		1.5	0.562	18.7
4-Methyl-2-pentanone(MIBK)	NC	108-10-1	100.2	0.26		1.1	3129	104286
cis-1,3-Dichloropropene**	C	10061-01-5	111.0	ND		ND	0.702	23.4



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 10801 Southern Loop Blvd
 Pineville, NC 28134
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charlottelab@emsl.com | <http://www.EMSL.com>

EMSL ORDER ID: 412500642
 EMSL CUSTOMER ID: TTL136A
 EMSL SAMPLE ID: 412500642-0007
 CUSTOMER SAMPLE ID: SG-7

Attention: Ben Savard
 TTL Inc
 101 Quality Circle NW
 Suite 130
 Huntsville, AL 35806

Customer PO: 230500461
EMSL Project ID:
Project Name: Technical Micronics Control

Phone: 256-682-5544
Email: ben.savard@ttlusa.com

Collected: 01/16/2025 10:22
Received: 01/17/2025 09:30
Analyzed: See Results
Reported: 1/30/2025

Analysis Initial	Analysis Date	Analyst Init.	Lab File ID	Canister ID	Sample Vol.	Dil. Factor
	01/22/2025	JS	B8405.D	HD16982	250 cc	1

USEPA Vapor Intrusion Screening Levels (VISL)

Target Compounds	Tox. Basis	CAS#	MW	Result ppbv	Q	Result ug/m3	Indoor Air ug/m3	Sub Slab/ Ext. ug/m3
Toluene	NC	108-88-3	92.14	1.1		4.2	5214	173810
trans-1,3-Dichloropropene**	C	10061-02-6	111.0	ND		ND	0.702	23.4
1,1,2-Trichloroethane	C	79-00-5	133.4	ND		ND	0.175	5.85
2-Hexanone(MBK)	NC	591-78-6	100.2	ND		ND	31.3	1043
Tetrachloroethene	C	127-18-4	165.8	0.67		4.6	10.8	360
Dibromochloromethane	--	124-48-1	208.3	ND		ND	N.E.	N.E.
1,2-Dibromoethane	C	106-93-4	187.9	ND		ND	0.00468	0.156
Chlorobenzene	NC	108-90-7	112.6	ND		ND	52.1	1738
Ethylbenzene	C	100-41-4	106.2	ND		ND	1.12	37.4
Xylene (p,m)	NC	1330-20-7	106.2	0.51		2.2	104	3476
Xylene (Ortho)	NC	95-47-6	106.2	ND		ND	104	3476
Styrene	NC	100-42-5	104.1	ND		ND	1043	34762
Isopropylbenzene (cumene)	NC	98-82-8	120.2	ND		ND	417	13905
Bromoform	C	75-25-2	252.7	ND		ND	2.55	85.1
1,1,2,2-Tetrachloroethane	C	79-34-5	167.9	ND		ND	0.0484	1.61
4-Ethyltoluene	--	622-96-8	120.2	ND		ND	N.E.	N.E.
1,3,5-Trimethylbenzene	NC	108-67-8	120.2	ND		ND	62.6	2086
2-Chlorotoluene	--	95-49-8	126.6	ND		ND	N.E.	N.E.
1,2,4-Trimethylbenzene	NC	95-63-6	120.2	ND		ND	62.6	2086
1,3-Dichlorobenzene	--	541-73-1	147.0	ND		ND	N.E.	N.E.
1,4-Dichlorobenzene	C	106-46-7	147.0	ND		ND	0.255	8.51
Benzyl chloride	C	100-44-7	126.6	ND		ND	0.0573	1.91
1,2-Dichlorobenzene	NC	95-50-1	147.0	ND		ND	209	6952
1,2,4-Trichlorobenzene	NC	120-82-1	181.4	ND		ND	2.09	69.5
Hexachloro-1,3-butadiene	C	87-68-3	260.8	ND		ND	0.128	4.25
Naphthalene	C	91-20-3	128.2	ND		ND	0.0826	2.75

**The concentrations of each isomer should be added if multiple isomers are present and compared to the total screening level.

The > column is used to flag exceedances as marked

Exposure Limit Definitions

RSL= Regional Screening Level at Target Hazard Quotient (THQ) =0.1 if available, otherwise THQ = 1

Agency Definitions

USEPA= United States Environmental Protection Agency

Reference

EPA Vapor Intrusion Screening Levels (VISL), March 2012

Carcinogenic (C) Exceedance

Value exceeds the theoretical risk that 1 additional case of cancer will occur in a population of 1 million than statistically expected.
 Thus is a theoretical risk and not an actual epidemiological one.

Compound Exposure Definitions

NE= No Limit Established NS= No Screening Value
 LFC= Lowest Feasible Concentration

Qualifier Definitions

B = Compound also found in method blank. **ND** = Non Detect
E= Estimated concentration exceeding upper calibration range.
D= Result reported from diluted analysis.
J= Concentration estimated between Reporting Limit and MDL.

NonCarcinogenic (NC) Exceedance

Value exceeds the theoretical risk that 1 in a population of 100,000 will experience deleterious health effects.
 Thus is a theoretical risk and not an actual epidemiological one.



EMSL ANALYTICAL, INC.
 10801 Southern Loop Blvd
 Pineville, NC 28134
 Telephone: (704)525-2205 FAX: (704)525-2382
charlottelab@emsl.com | <http://www.EMSL.com>

EMSL ORDER ID: 412500642
 EMSL CUSTOMER ID: TTLI36A
 EMSL SAMPLE ID: 412500642-0008
 CUSTOMER SAMPLE ID: SG-8

Attention: Ben Savard
 TTL Inc
 101 Quality Circle NW
 Suite 130
 Huntsville, AL 35806

Customer PO: 230500461
EMSL Project ID:
Project Name: Technical Micronics Control

Phone: 256-682-5544
Email: ben.savard@ttlusa.com

Collected: 01/16/2025 10:37
Received: 01/17/2025 09:30
Analyzed: See Results
Reported: 1/30/2025

Analysis Initial	Analysis Date	Analyst Init.	Lab File ID	Canister ID	Sample Vol.	Dil. Factor
	01/22/2025	JS	B8406.D	HD16979	250 cc	1

USEPA Vapor Intrusion Screening Levels (VISL)

Target Compounds	Tox. Basis	CAS#	MW	Result ppbv	Q	Result ug/m3	Indoor Air ug/m3	Sub Slab/ Ext. ug/m3
Propylene	NC	115-07-1	42.08	ND		ND	3129	104286
Freon 12(Dichlorodifluoromethane)	NC	75-71-8	120.9	0.43		2.1	104	3476
Freon 114(1,2-Dichlorotetrafluoroethan	--	76-14-2	170.9	ND		ND	N.E.	N.E.
Chloromethane	NC	74-87-3	50.49	ND		ND	93.9	3129
n-Butane	--	106-97-8	58.12	0.28		0.66	N.E.	N.E.
Vinyl chloride	C	75-01-4	62.50	ND		ND	0.168	5.59
1,3-Butadiene	C	106-99-0	54.09	ND		ND	0.0936	3.12
Bromomethane	NC	74-83-9	94.94	ND		ND	5.21	174
Chloroethane	NC	75-00-3	64.51	ND		ND	10429	347619
Ethanol	--	64-17-5	46.07	6.5		12	N.E.	N.E.
Bromoethene(Vinyl bromide)	C	593-60-2	106.9	ND		ND	0.0877	2.92
Freon 11(Trichlorofluoromethane)	--	75-69-4	137.4	0.22		1.2	N.E.	N.E.
Isopropyl alcohol(2-Propanol)	NC	67-63-0	60.09	44	E	110	209	6952
Freon 113(1,1,2-Trichlorotrifluoroethan	NC	76-13-1	187.4	ND		ND	5214	173810
Acetone	NC	67-64-1	58.08	9.9		23	32329	1077619
1,1-Dichloroethene	NC	75-35-4	96.94	ND		ND	209	6952
Acetonitrile	NC	75-05-8	41.05	ND		ND	62.6	2086
Tertiary butyl alcohol(TBA)	--	75-65-0	74.12	0.32		1.0	N.E.	N.E.
Bromoethane(Ethyl bromide)	--	74-96-4	109.0	ND		ND	N.E.	N.E.
3-Chloropropene(Allyl chloride)	C	107-05-1	76.52	ND		ND	0.468	15.6
Carbon disulfide	NC	75-15-0	76.14	ND		ND	730	24333
Methylene chloride	C	75-09-2	84.93	ND		ND	101	3380
Acrylonitrile	C	107-13-1	53.08	ND		ND	0.0413	1.38
Methyl-tert-butyl ether(MTBE)	C	1634-04-4	88.15	ND		ND	10.8	360
trans-1,2-Dichloroethene	--	156-60-5	96.94	ND		ND	N.E.	N.E.
n-Hexane	NC	110-54-3	86.18	ND		ND	730	24333
1,1-Dichloroethane	C	75-34-3	98.96	ND		ND	1.75	58.5
Vinyl acetate	NC	108-05-4	86.09	ND		ND	209	6952
2-Butanone(MEK)	NC	78-93-3	72.11	1.3		3.7	5214	173810
cis-1,2-Dichloroethene	--	156-59-2	96.94	ND		ND	N.E.	N.E.
Ethyl acetate	NC	141-78-6	88.11	9.8		35	73.0	2433
Chloroform	C	67-66-3	119.4	ND		ND	0.122	4.07
Tetrahydrofuran	NC	109-99-9	72.11	6.1		18	2086	69524
1,1,1-Trichloroethane	NC	71-55-6	133.4	ND		ND	5214	173810
Cyclohexane	NC	110-82-7	84.16	ND		ND	6257	208571
2,2,4-Trimethylpentane(Isooctane)	--	540-84-1	114.2	ND		ND	N.E.	N.E.
Carbon tetrachloride	C	56-23-5	153.8	ND		ND	0.468	15.6
n-Heptane	NC	142-82-5	100.2	ND		ND	417	13905
1,2-Dichloroethane	C	107-06-2	98.96	ND		ND	0.108	3.60
Benzene	C	71-43-2	78.11	ND		ND	0.360	12.0
Trichloroethene	C	79-01-6	131.4	1.0		5.5	0.478	15.9
1,2-Dichloropropane	C	78-87-5	113.0	ND		ND	0.759	25.3
Methyl Methacrylate	NC	80-62-6	100.1	ND		ND	730	24333
Bromodichloromethane	C	75-27-4	163.8	ND		ND	0.0759	2.53
1,4-Dioxane	C	123-91-1	88.11	0.21		0.75	0.562	18.7
4-Methyl-2-pentanone(MIBK)	NC	108-10-1	100.2	ND		ND	3129	104286
cis-1,3-Dichloropropene**	C	10061-01-5	111.0	ND		ND	0.702	23.4



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 Pineville, NC 28134
 Telephone: (704)525-2205 FAX: (704)525-2382
charlottelab@emsl.com | <http://www.EMSL.com>

EMSL ORDER ID: 412500642
 EMSL CUSTOMER ID: TTL136A
 EMSL SAMPLE ID: 412500642-0008
 CUSTOMER SAMPLE ID: SG-8

Attention: Ben Savard
 TTL Inc
 101 Quality Circle NW
 Suite 130
 Huntsville, AL 35806

Customer PO: 230500461
EMSL Project ID:
Project Name: Technical Micronics Control

Phone: 256-682-5544
Email: ben.savard@ttlusa.com

Collected: 01/16/2025 10:37
Received: 01/17/2025 09:30
Analyzed: See Results
Reported: 1/30/2025

Analysis Initial	Analysis Date	Analyst Init.	Lab File ID	Canister ID	Sample Vol.	Dil. Factor
	01/22/2025	JS	B8406.D	HD16979	250 cc	1

USEPA Vapor Intrusion Screening Levels (VISL)

Target Compounds	Tox. Basis	CAS#	MW	Result ppbv	Q	Result ug/m3	Indoor Air ug/m3	Sub Slab/ Ext. ug/m3
Toluene	NC	108-88-3	92.14	ND		ND	5214	173810
trans-1,3-Dichloropropene**	C	10061-02-6	111.0	ND		ND	0.702	23.4
1,1,2-Trichloroethane	C	79-00-5	133.4	ND		ND	0.175	5.85
2-Hexanone(MBK)	NC	591-78-6	100.2	ND		ND	31.3	1043
Tetrachloroethene	C	127-18-4	165.8	0.28		1.9	10.8	360
Dibromochloromethane	--	124-48-1	208.3	ND		ND	N.E.	N.E.
1,2-Dibromoethane	C	106-93-4	187.9	ND		ND	0.00468	0.156
Chlorobenzene	NC	108-90-7	112.6	ND		ND	52.1	1738
Ethylbenzene	C	100-41-4	106.2	ND		ND	1.12	37.4
Xylene (p,m)	NC	1330-20-7	106.2	ND		ND	104	3476
Xylene (Ortho)	NC	95-47-6	106.2	ND		ND	104	3476
Styrene	NC	100-42-5	104.1	ND		ND	1043	34762
Isopropylbenzene (cumene)	NC	98-82-8	120.2	ND		ND	417	13905
Bromoform	C	75-25-2	252.7	ND		ND	2.55	85.1
1,1,2,2-Tetrachloroethane	C	79-34-5	167.9	ND		ND	0.0484	1.61
4-Ethyltoluene	--	622-96-8	120.2	ND		ND	N.E.	N.E.
1,3,5-Trimethylbenzene	NC	108-67-8	120.2	ND		ND	62.6	2086
2-Chlorotoluene	--	95-49-8	126.6	ND		ND	N.E.	N.E.
1,2,4-Trimethylbenzene	NC	95-63-6	120.2	ND		ND	62.6	2086
1,3-Dichlorobenzene	--	541-73-1	147.0	ND		ND	N.E.	N.E.
1,4-Dichlorobenzene	C	106-46-7	147.0	ND		ND	0.255	8.51
Benzyl chloride	C	100-44-7	126.6	ND		ND	0.0573	1.91
1,2-Dichlorobenzene	NC	95-50-1	147.0	ND		ND	209	6952
1,2,4-Trichlorobenzene	NC	120-82-1	181.4	ND		ND	2.09	69.5
Hexachloro-1,3-butadiene	C	87-68-3	260.8	ND		ND	0.128	4.25
Naphthalene	C	91-20-3	128.2	ND		ND	0.0826	2.75

**The concentrations of each isomer should be added if multiple isomers are present and compared to the total screening level.

The > column is used to flag exceedances as marked

Exposure Limit Definitions

RSL= Regional Screening Level at Target Hazard Quotient (THQ) =0.1 if available, otherwise THQ = 1

Agency Definitions

USEPA= United States Environmental Protection Agency

Reference

EPA Vapor Intrusion Screening Levels (VISL), March 2012

Carcinogenic (C) Exceedance

Value exceeds the theoretical risk that 1 additional case of cancer will occur in a population of 1 million than statistically expected. Thus is a theoretical risk and not an actual epidemiological one.

Compound Exposure Definitions

NE= No Limit Established NS= No Screening Value
 LFC= Lowest Feasible Concentration

Qualifier Definitions

B = Compound also found in method blank. **ND** = Non Detect
E= Estimated concentration exceeding upper calibration range.
D= Result reported from diluted analysis.
J= Concentration estimated between Reporting Limit and MDL.

NonCarcinogenic (NC) Exceedance

Value exceeds the theoretical risk that 1 in a population of 100,000 will experience deleterious health effects. Thus is a theoretical risk and not an actual epidemiological one.



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 10801 Southern Loop Blvd
 Pineville, NC 28134
 Telephone: (704)525-2205 FAX: (704)525-2382
charlottelab@emsl.com | <http://www.EMSL.com>

EMSL ORDER ID: 412500642
 EMSL CUSTOMER ID: TTLI36A
 EMSL SAMPLE ID: 412500642-0009
 CUSTOMER SAMPLE ID: SG-9

Attention: Ben Savard
 TTL Inc
 101 Quality Circle NW
 Suite 130
 Huntsville, AL 35806

Customer PO: 230500461
EMSL Project ID:
Project Name: Technical Micronics Control

Phone: 256-682-5544
Email: ben.savard@ttlusa.com

Collected: 01/16/2025 10:51
Received: 01/17/2025 09:30
Analyzed: See Results
Reported: 1/30/2025

Analysis Initial	Analysis Date	Analyst Init.	Lab File ID	Canister ID	Sample Vol.	Dil. Factor
	01/22/2025	JS	B8410.D	HD11048	250 cc	1

USEPA Vapor Intrusion Screening Levels (VISL)

Target Compounds	Tox. Basis	CAS#	MW	Result ppbv	Q	Result ug/m3	Indoor Air ug/m3	Sub Slab/ Ext. ug/m3
Propylene	NC	115-07-1	42.08	ND		ND	3129	104286
Freon 12(Dichlorodifluoromethane)	NC	75-71-8	120.9	0.42		2.1	104	3476
Freon 114(1,2-Dichlorotetrafluoroethan	--	76-14-2	170.9	ND		ND	N.E.	N.E.
Chloromethane	NC	74-87-3	50.49	ND		ND	93.9	3129
n-Butane	--	106-97-8	58.12	0.32		0.77	N.E.	N.E.
Vinyl chloride	C	75-01-4	62.50	ND		ND	0.168	5.59
1,3-Butadiene	C	106-99-0	54.09	ND		ND	0.0936	3.12
Bromomethane	NC	74-83-9	94.94	ND		ND	5.21	174
Chloroethane	NC	75-00-3	64.51	ND		ND	10429	347619
Ethanol	--	64-17-5	46.07	5.7		11	N.E.	N.E.
Bromoethene(Vinyl bromide)	C	593-60-2	106.9	ND		ND	0.0877	2.92
Freon 11(Trichlorofluoromethane)	--	75-69-4	137.4	0.22		1.2	N.E.	N.E.
Isopropyl alcohol(2-Propanol)	NC	67-63-0	60.09	45	E	110	209	6952
Freon 113(1,1,2-Trichlorotrifluoroethan	NC	76-13-1	187.4	0.26		2.0	5214	173810
Acetone	NC	67-64-1	58.08	9.0		21	32329	1077619
1,1-Dichloroethene	NC	75-35-4	96.94	ND		ND	209	6952
Acetonitrile	NC	75-05-8	41.05	ND		ND	62.6	2086
Tertiary butyl alcohol(TBA)	--	75-65-0	74.12	0.27		0.81	N.E.	N.E.
Bromoethane(Ethyl bromide)	--	74-96-4	109.0	ND		ND	N.E.	N.E.
3-Chloropropene(Allyl chloride)	C	107-05-1	76.52	ND		ND	0.468	15.6
Carbon disulfide	NC	75-15-0	76.14	ND		ND	730	24333
Methylene chloride	C	75-09-2	84.93	ND		ND	101	3380
Acrylonitrile	C	107-13-1	53.08	ND		ND	0.0413	1.38
Methyl-tert-butyl ether(MTBE)	C	1634-04-4	88.15	ND		ND	10.8	360
trans-1,2-Dichloroethene	--	156-60-5	96.94	ND		ND	N.E.	N.E.
n-Hexane	NC	110-54-3	86.18	ND		ND	730	24333
1,1-Dichloroethane	C	75-34-3	98.96	ND		ND	1.75	58.5
Vinyl acetate	NC	108-05-4	86.09	ND		ND	209	6952
2-Butanone(MEK)	NC	78-93-3	72.11	1.1		3.3	5214	173810
cis-1,2-Dichloroethene	--	156-59-2	96.94	ND		ND	N.E.	N.E.
Ethyl acetate	NC	141-78-6	88.11	20		73	73.0	2433
Chloroform	C	67-66-3	119.4	ND		ND	0.122	4.07
Tetrahydrofuran	NC	109-99-9	72.11	5.4		16	2086	69524
1,1,1-Trichloroethane	NC	71-55-6	133.4	ND		ND	5214	173810
Cyclohexane	NC	110-82-7	84.16	ND		ND	6257	208571
2,2,4-Trimethylpentane(Isooctane)	--	540-84-1	114.2	ND		ND	N.E.	N.E.
Carbon tetrachloride	C	56-23-5	153.8	ND		ND	0.468	15.6
n-Heptane	NC	142-82-5	100.2	ND		ND	417	13905
1,2-Dichloroethane	C	107-06-2	98.96	ND		ND	0.108	3.60
Benzene	C	71-43-2	78.11	ND		ND	0.360	12.0
Trichloroethene	C	79-01-6	131.4	0.78		4.2	0.478	15.9
1,2-Dichloropropane	C	78-87-5	113.0	ND		ND	0.759	25.3
Methyl Methacrylate	NC	80-62-6	100.1	ND		ND	730	24333
Bromodichloromethane	C	75-27-4	163.8	ND		ND	0.0759	2.53
1,4-Dioxane	C	123-91-1	88.11	2.3		8.4	0.562	18.7
4-Methyl-2-pentanone(MIBK)	NC	108-10-1	100.2	ND		ND	3129	104286
cis-1,3-Dichloropropene**	C	10061-01-5	111.0	ND		ND	0.702	23.4



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EMSL ORDER ID: 412500642
 EMSL CUSTOMER ID: TTLI36A
 EMSL SAMPLE ID: 412500642-0009
 CUSTOMER SAMPLE ID: SG-9

Attention: Ben Savard
 TTL Inc
 101 Quality Circle NW
 Suite 130
 Huntsville, AL 35806

Customer PO: 230500461
EMSL Project ID:
Project Name: Technical Micronics Control

Phone: 256-682-5544
Email: ben.savard@ttlusa.com

Collected: 01/16/2025 10:51
Received: 01/17/2025 09:30
Analyzed: See Results
Reported: 1/30/2025

Analysis Initial	Analysis Date	Analyst Init.	Lab File ID	Canister ID	Sample Vol.	Dil. Factor
	01/22/2025	JS	B8410.D	HD11048	250 cc	1

USEPA Vapor Intrusion Screening Levels (VISL)

Target Compounds	Tox. Basis	CAS#	MW	Result ppbv	Q	Result ug/m3	Indoor Air ug/m3	Sub Slab/ Ext. ug/m3
Toluene	NC	108-88-3	92.14	0.23		0.88	5214	173810
trans-1,3-Dichloropropene**	C	10061-02-6	111.0	ND		ND	0.702	23.4
1,1,2-Trichloroethane	C	79-00-5	133.4	ND		ND	0.175	5.85
2-Hexanone(MBK)	NC	591-78-6	100.2	ND		ND	31.3	1043
Tetrachloroethene	C	127-18-4	165.8	0.24		1.6	10.8	360
Dibromochloromethane	--	124-48-1	208.3	ND		ND	N.E.	N.E.
1,2-Dibromoethane	C	106-93-4	187.9	ND		ND	0.00468	0.156
Chlorobenzene	NC	108-90-7	112.6	ND		ND	52.1	1738
Ethylbenzene	C	100-41-4	106.2	ND		ND	1.12	37.4
Xylene (p,m)	NC	1330-20-7	106.2	ND		ND	104	3476
Xylene (Ortho)	NC	95-47-6	106.2	ND		ND	104	3476
Styrene	NC	100-42-5	104.1	ND		ND	1043	34762
Isopropylbenzene (cumene)	NC	98-82-8	120.2	ND		ND	417	13905
Bromoform	C	75-25-2	252.7	ND		ND	2.55	85.1
1,1,2,2-Tetrachloroethane	C	79-34-5	167.9	ND		ND	0.0484	1.61
4-Ethyltoluene	--	622-96-8	120.2	ND		ND	N.E.	N.E.
1,3,5-Trimethylbenzene	NC	108-67-8	120.2	ND		ND	62.6	2086
2-Chlorotoluene	--	95-49-8	126.6	ND		ND	N.E.	N.E.
1,2,4-Trimethylbenzene	NC	95-63-6	120.2	ND		ND	62.6	2086
1,3-Dichlorobenzene	--	541-73-1	147.0	ND		ND	N.E.	N.E.
1,4-Dichlorobenzene	C	106-46-7	147.0	ND		ND	0.255	8.51
Benzyl chloride	C	100-44-7	126.6	ND		ND	0.0573	1.91
1,2-Dichlorobenzene	NC	95-50-1	147.0	ND		ND	209	6952
1,2,4-Trichlorobenzene	NC	120-82-1	181.4	ND		ND	2.09	69.5
Hexachloro-1,3-butadiene	C	87-68-3	260.8	ND		ND	0.128	4.25
Naphthalene	C	91-20-3	128.2	ND		ND	0.0826	2.75

**The concentrations of each isomer should be added if multiple isomers are present and compared to the total screening level.

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Exposure Limit Definitions

RSL= Regional Screening Level at Target Hazard Quotient (THQ) =0.1 if available, otherwise THQ = 1

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Reference

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Compound Exposure Definitions

NE= No Limit Established NS= No Screening Value LFC= Lowest Feasible Concentration

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B = Compound also found in method blank. ND = Non Detect E= Estimated concentration exceeding upper calibration range. D= Result reported from diluted analysis. J= Concentration estimated between Reporting Limit and MDL.

NonCarcinogenic (NC) Exceedance

Value exceeds the theoretical risk that 1 in a population of 100,000 will experience deleterious health effects. Thus is a theoretical risk and not an actual epidemiological one.



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EMSL ORDER ID: 412500642
 EMSL CUSTOMER ID: TTLI36A
 EMSL SAMPLE ID: 412500642-0010
 CUSTOMER SAMPLE ID: SG-10

Attention: Ben Savard
 TTL Inc
 101 Quality Circle NW
 Suite 130
 Huntsville, AL 35806

Customer PO: 230500461
EMSL Project ID:
Project Name: Technical Micronics Control

Phone: 256-682-5544
Email: ben.savard@ttlusa.com

Collected: 01/16/2025 11:07
Received: 01/17/2025 09:30
Analyzed: See Results
Reported: 1/30/2025

Analysis Initial	Analysis Date	Analyst Init.	Lab File ID	Canister ID	Sample Vol.	Dil. Factor
	01/22/2025	JS	B8411.D	HD16898	250 cc	1

USEPA Vapor Intrusion Screening Levels (VISL)

Target Compounds	Tox. Basis	CAS#	MW	Result ppbv	Q	Result ug/m3	Indoor Air ug/m3	Sub Slab/ Ext. ug/m3
Propylene	NC	115-07-1	42.08	ND		ND	3129	104286
Freon 12(Dichlorodifluoromethane)	NC	75-71-8	120.9	0.38		1.9	104	3476
Freon 114(1,2-Dichlorotetrafluoroethan	--	76-14-2	170.9	ND		ND	N.E.	N.E.
Chloromethane	NC	74-87-3	50.49	ND		ND	93.9	3129
n-Butane	--	106-97-8	58.12	0.51		1.2	N.E.	N.E.
Vinyl chloride	C	75-01-4	62.50	ND		ND	0.168	5.59
1,3-Butadiene	C	106-99-0	54.09	ND		ND	0.0936	3.12
Bromomethane	NC	74-83-9	94.94	ND		ND	5.21	174
Chloroethane	NC	75-00-3	64.51	ND		ND	10429	347619
Ethanol	--	64-17-5	46.07	61	E	110	N.E.	N.E.
Bromoethene(Vinyl bromide)	C	593-60-2	106.9	ND		ND	0.0877	2.92
Freon 11(Trichlorofluoromethane)	--	75-69-4	137.4	0.20		1.1	N.E.	N.E.
Isopropyl alcohol(2-Propanol)	NC	67-63-0	60.09	63	E	160	209	6952
Freon 113(1,1,2-Trichlorotrifluoroethan	NC	76-13-1	187.4	0.25		1.9	5214	173810
Acetone	NC	67-64-1	58.08	13		32	32329	1077619
1,1-Dichloroethene	NC	75-35-4	96.94	ND		ND	209	6952
Acetonitrile	NC	75-05-8	41.05	ND		ND	62.6	2086
Tertiary butyl alcohol(TBA)	--	75-65-0	74.12	0.33		1.0	N.E.	N.E.
Bromoethane(Ethyl bromide)	--	74-96-4	109.0	ND		ND	N.E.	N.E.
3-Chloropropene(Allyl chloride)	C	107-05-1	76.52	ND		ND	0.468	15.6
Carbon disulfide	NC	75-15-0	76.14	ND		ND	730	24333
Methylene chloride	C	75-09-2	84.93	ND		ND	101	3380
Acrylonitrile	C	107-13-1	53.08	ND		ND	0.0413	1.38
Methyl-tert-butyl ether(MTBE)	C	1634-04-4	88.15	ND		ND	10.8	360
trans-1,2-Dichloroethene	--	156-60-5	96.94	ND		ND	N.E.	N.E.
n-Hexane	NC	110-54-3	86.18	ND		ND	730	24333
1,1-Dichloroethane	C	75-34-3	98.96	ND		ND	1.75	58.5
Vinyl acetate	NC	108-05-4	86.09	ND		ND	209	6952
2-Butanone(MEK)	NC	78-93-3	72.11	1.3		3.8	5214	173810
cis-1,2-Dichloroethene	--	156-59-2	96.94	ND		ND	N.E.	N.E.
Ethyl acetate	NC	141-78-6	88.11	30		110	73.0	2433
Chloroform	C	67-66-3	119.4	0.88		4.3	0.122	4.07
Tetrahydrofuran	NC	109-99-9	72.11	6.0		18	2086	69524
1,1,1-Trichloroethane	NC	71-55-6	133.4	ND		ND	5214	173810
Cyclohexane	NC	110-82-7	84.16	ND		ND	6257	208571
2,2,4-Trimethylpentane(Isooctane)	--	540-84-1	114.2	ND		ND	N.E.	N.E.
Carbon tetrachloride	C	56-23-5	153.8	ND		ND	0.468	15.6
n-Heptane	NC	142-82-5	100.2	ND		ND	417	13905
1,2-Dichloroethane	C	107-06-2	98.96	ND		ND	0.108	3.60
Benzene	C	71-43-2	78.11	ND		ND	0.360	12.0
Trichloroethene	C	79-01-6	131.4	1.1		6.1	0.478	15.9
1,2-Dichloropropane	C	78-87-5	113.0	ND		ND	0.759	25.3
Methyl Methacrylate	NC	80-62-6	100.1	ND		ND	730	24333
Bromodichloromethane	C	75-27-4	163.8	ND		ND	0.0759	2.53
1,4-Dioxane	C	123-91-1	88.11	ND		ND	0.562	18.7
4-Methyl-2-pentanone(MIBK)	NC	108-10-1	100.2	ND		ND	3129	104286
cis-1,3-Dichloropropene**	C	10061-01-5	111.0	ND		ND	0.702	23.4



EMSL ANALYTICAL, INC.
 10801 Southern Loop Blvd
 Pineville, NC 28134
 Telephone: (704)525-2205 FAX: (704)525-2382
charlottelab@emsl.com | <http://www.EMSL.com>

EMSL ORDER ID: 412500642
 EMSL CUSTOMER ID: TTLI36A
 EMSL SAMPLE ID: 412500642-0010
 CUSTOMER SAMPLE ID: SG-10

Attention: Ben Savard
 TTL Inc
 101 Quality Circle NW
 Suite 130
 Huntsville, AL 35806

Customer PO: 230500461
EMSL Project ID:
Project Name: Technical Micronics Control

Phone: 256-682-5544
Email: ben.savard@ttlusa.com

Collected: 01/16/2025 11:07
Received: 01/17/2025 09:30
Analyzed: See Results
Reported: 1/30/2025

Analysis Initial	Analysis Date	Analyst Init.	Lab File ID	Canister ID	Sample Vol.	Dil. Factor
	01/22/2025	JS	B8411.D	HD16898	250 cc	1

USEPA Vapor Intrusion Screening Levels (VISL)

Target Compounds	Tox. Basis	CAS#	MW	Result ppbv	Q	Result ug/m3	Indoor Air ug/m3	Sub Slab/ Ext. ug/m3
Toluene	NC	108-88-3	92.14	0.21		0.78	5214	173810
trans-1,3-Dichloropropene**	C	10061-02-6	111.0	ND		ND	0.702	23.4
1,1,2-Trichloroethane	C	79-00-5	133.4	ND		ND	0.175	5.85
2-Hexanone(MBK)	NC	591-78-6	100.2	ND		ND	31.3	1043
Tetrachloroethene	C	127-18-4	165.8	0.26		1.8	10.8	360
Dibromochloromethane	--	124-48-1	208.3	ND		ND	N.E.	N.E.
1,2-Dibromoethane	C	106-93-4	187.9	ND		ND	0.00468	0.156
Chlorobenzene	NC	108-90-7	112.6	ND		ND	52.1	1738
Ethylbenzene	C	100-41-4	106.2	ND		ND	1.12	37.4
Xylene (p,m)	NC	1330-20-7	106.2	ND		ND	104	3476
Xylene (Ortho)	NC	95-47-6	106.2	ND		ND	104	3476
Styrene	NC	100-42-5	104.1	ND		ND	1043	34762
Isopropylbenzene (cumene)	NC	98-82-8	120.2	ND		ND	417	13905
Bromoform	C	75-25-2	252.7	ND		ND	2.55	85.1
1,1,2,2-Tetrachloroethane	C	79-34-5	167.9	ND		ND	0.0484	1.61
4-Ethyltoluene	--	622-96-8	120.2	ND		ND	N.E.	N.E.
1,3,5-Trimethylbenzene	NC	108-67-8	120.2	ND		ND	62.6	2086
2-Chlorotoluene	--	95-49-8	126.6	ND		ND	N.E.	N.E.
1,2,4-Trimethylbenzene	NC	95-63-6	120.2	0.25		1.2	62.6	2086
1,3-Dichlorobenzene	--	541-73-1	147.0	ND		ND	N.E.	N.E.
1,4-Dichlorobenzene	C	106-46-7	147.0	ND		ND	0.255	8.51
Benzyl chloride	C	100-44-7	126.6	ND		ND	0.0573	1.91
1,2-Dichlorobenzene	NC	95-50-1	147.0	ND		ND	209	6952
1,2,4-Trichlorobenzene	NC	120-82-1	181.4	ND		ND	2.09	69.5
Hexachloro-1,3-butadiene	C	87-68-3	260.8	ND		ND	0.128	4.25
Naphthalene	C	91-20-3	128.2	ND		ND	0.0826	2.75

**The concentrations of each isomer should be added if multiple isomers are present and compared to the total screening level.

The > column is used to flag exceedances as marked

Exposure Limit Definitions

RSL= Regional Screening Level at Target Hazard Quotient (THQ) =0.1 if available, otherwise THQ = 1

Agency Definitions

USEPA= United States Environmental Protection Agency

Reference

EPA Vapor Intrusion Screening Levels (VISL), March 2012

Carcinogenic (C) Exceedance

Value exceeds the theoretical risk that 1 additional case of cancer will occur in a population of 1 million than statistically expected. Thus is a theoretical risk and not an actual epidemiological one.

Compound Exposure Definitions

NE= No Limit Established NS= No Screening Value
 LFC= Lowest Feasible Concentration

Qualifier Definitions

B = Compound also found in method blank. **ND** = Non Detect
E= Estimated concentration exceeding upper calibration range.
D= Result reported from diluted analysis.
J= Concentration estimated between Reporting Limit and MDL.

NonCarcinogenic (NC) Exceedance

Value exceeds the theoretical risk that 1 in a population of 100,000 will experience deleterious health effects. Thus is a theoretical risk and not an actual epidemiological one.

APPENDIX D
VISL CALCULATOR RESULTS FOR TRICHLOROETHENE

Commercial Air Inputs

Variable	Commercial Air Default Value	Site-Specific Value
AF _{gw} (Attenuation Factor Groundwater) unitless	0.001	0.001
AF _{ee} (Attenuation Factor Sub-Slab) unitless	0.03	0.03
AT _{com} (averaging time - composite worker)	365	365
ED _{com} (exposure duration - composite worker) yr	25	25
EF _{com} (exposure frequency - composite worker) day/yr	250	250
ET _{com} (exposure time - composite worker) hr	8	8
THQ (target hazard quotient) unitless	0.1	0.1
LT (lifetime) yr	70	70
TR (target risk) unitless	1.0E-06	1.0E-06

Commercial Vapor Intrusion Screening Levels (VISL)

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = DWSHA; W = TEF applied; E = RPF applied; U = user provided; G = see RSL User's Guide Section 5; CA = cancer; NC = noncancer.

Chemical	CAS Number	Does the chemical meet the definition for volatility? (HLC>1E-5 or VP>1)	Does the chemical have inhalation toxicity data? (IUR and/or RfC)	Is Chemical Sufficiently Volatile and Toxic to Pose Inhalation Risk Via Vapor Intrusion from Soil Source? ($C_{vp} > C_{ia,Target}$?)	Is Chemical Sufficiently Volatile and Toxic to Pose Inhalation Risk Via Vapor Intrusion from Groundwater Source? ($C_{hc} > C_{ia,Target}$?)	Target Indoor Air Concentration (TCR=1E-06 or THQ=0.1) $MIN(C_{ia,c}, C_{ia,nc})$ ($\mu g/m^3$)	Toxicity Basis	Target Sub-Slab and Near-source Soil Gas Concentration (TCR=1E-06 or THQ=0.1) $C_{sg,Target}$ ($\mu g/m^3$)	Target Groundwater Concentration (TCR=1E-06 or THQ=0.1) $C_{gw,Target}$ ($\mu g/L$)
Trichloroethylene	79-01-6	Yes	Yes	Yes	Yes	8.76E-01	NC	2.92E+01	2.18E+00

Is Target Groundwater Concentration < MCL? ($C_{gw} < MCL$?)	Pure Phase Vapor Concentration $C_{vp,l}$ (25 °C) ($\mu g/m^3$)	Maximum Groundwater Vapor Concentration $C_{hc,l}$ ($\mu g/m^3$)	Temperature for Maximum Groundwater Vapor Concentration (°C)	Lower Explosive Limit LEL (% by volume)	LEL Ref	IUR (ug/m^3) ⁻¹	IUR Ref	RfC (mg/m^3)	RfC Ref	Mutagenic Indicator	Carcinogenic VISL TCR=1E-06 $C_{ia,c}$ ($\mu g/m^3$)	Noncarcinogenic VISL THQ=0.1 $C_{ia,nc}$ ($\mu g/m^3$)
Yes (5)	4.88E+08	5.15E+08	25	8.00	CRC	4.10E-06	I	2.00E-03	I	Mut	2.99E+00	8.76E-01

Commercial Vapor Intrusion Risk

Chemical	CAS Number	Site Sub-Slab and Exterior Soil Gas Concentration C_{sg} ($\mu\text{g}/\text{m}^3$)	Site Indoor Air Concentration C_{ia} ($\mu\text{g}/\text{m}^3$)	VI Carcinogenic Risk CDI ($\mu\text{g}/\text{m}^3$)	VI Carcinogenic Risk CR	VI Hazard CDI (mg/m^3)	VI Hazard HQ	IUR (ug/m^3) ⁻¹	IUR Ref	Chronic RfC (mg/m^3)	RfC Ref	Temperature (°C)\ for Groundwater Vapor Concentration	Mutagen?
Trichloroethylene	79-01-6	140	4.20E+00	3.42E-01	1.40E-06	9.59E-04	4.79E-01	4.10E-06	I	2.00E-03	I	25	Mut
<i>*Sum</i>		-	-	-	1.40E-06	-	4.79E-01	-		-		-	

Chemical Properties

Chemical	CAS Number	Does the chemical meet the definition for volatility? (HLC>1E-5 or VP>1)	Does the chemical have inhalation toxicity data? (IUR and/or RfC)	MW	MW Ref	Vapor Pressure VP (mm Hg)	VP Ref	S (mg/L)	S Ref	MCL (ug/L)	HLC (atm-m ³ /mole)
Trichloroethylene	79-01-6	Yes	Yes	131.39	PHYSPROP	6.90E+01	PHYSPROP	1.28E+03	PHYSPROP	5	9.85E-03

Henry's Law Constant (unitless)	H and HLC Ref	Henry's Law Constant Used in Calcs (unitless)	Normal Boiling Point BP (K)	BP Ref	Critical Temperature T _c (K)	T _c Ref	Enthalpy of vaporization at the normal boiling point ΔH _{v,b} (cal/mol)	ΔH _{v,b} Ref	Lower Explosive Limit LEL (% by volume)	LEL Ref
4.03E-01	PHYSPROP	4.03E-01	360.35	PHYSPROP	5.71E+02	YAWS	7504.78	CRC	8.00	CRC

Commercial Air Inputs

Variable	Commercial Air Default Value	Site-Specific Value
AF _{gw} (Attenuation Factor Groundwater) unitless	0.001	0.001
AF _{ee} (Attenuation Factor Sub-Slab) unitless	0.03	0.03
AT _{com} (averaging time - composite worker)	365	365
ED _{com} (exposure duration - composite worker) yr	25	25
EF _{com} (exposure frequency - composite worker) day/yr	250	250
ET _{com} (exposure time - composite worker) hr	8	8
THQ (target hazard quotient) unitless	0.1	0.1
LT (lifetime) yr	70	70
TR (target risk) unitless	1.0E-06	1.0E-06

Commercial Vapor Intrusion Screening Levels (VISL)

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = DWSHA; W = TEF applied; E = RPF applied; U = user provided; G = see RSL User's Guide Section 5; CA = cancer; NC = noncancer.

Chemical	CAS Number	Does the chemical meet the definition for volatility? (HLC>1E-5 or VP>1)	Does the chemical have inhalation toxicity data? (IUR and/or RfC)	Is Chemical Sufficiently Volatile and Toxic to Pose Inhalation Risk Via Vapor Intrusion from Soil Source? ($C_{vp} > C_{ia,Target}$?)	Is Chemical Sufficiently Volatile and Toxic to Pose Inhalation Risk Via Vapor Intrusion from Groundwater Source? ($C_{hc} > C_{ia,Target}$?)	Target Indoor Air Concentration (TCR=1E-06 or THQ=0.1) $MIN(C_{ia,c}, C_{ia,nc})$ ($\mu g/m^3$)	Toxicity Basis	Target Sub-Slab and Near-source Soil Gas Concentration (TCR=1E-06 or THQ=0.1) $C_{sg,Target}$ ($\mu g/m^3$)	Target Groundwater Concentration (TCR=1E-06 or THQ=0.1) $C_{gw,Target}$ ($\mu g/L$)
Trichloroethylene	79-01-6	Yes	Yes	Yes	Yes	8.76E-01	NC	2.92E+01	2.18E+00

Is Target Groundwater Concentration < MCL? ($C_{gw} < MCL$?)	Pure Phase Vapor Concentration C_{vp} (25 °C) ($\mu g/m^3$)	Maximum Groundwater Vapor Concentration C_{hc} ($\mu g/m^3$)	Temperature for Maximum Groundwater Vapor Concentration (°C)	Lower Explosive Limit LEL (% by volume)	LEL Ref	IUR (ug/m^3) ⁻¹	IUR Ref	RfC (mg/m^3)	RfC Ref	Mutagenic Indicator	Carcinogenic VISL TCR=1E-06 $C_{ia,c}$ ($\mu g/m^3$)	Noncarcinogenic VISL THQ=0.1 $C_{ia,nc}$ ($\mu g/m^3$)
Yes (5)	4.88E+08	5.15E+08	25	8.00	CRC	4.10E-06	I	2.00E-03	I	Mut	2.99E+00	8.76E-01

Commercial Vapor Intrusion Risk

Chemical	CAS Number	Site Sub-Slab and Exterior Soil Gas Concentration C_{sg} ($\mu\text{g}/\text{m}^3$)	Site Indoor Air Concentration C_{ia} ($\mu\text{g}/\text{m}^3$)	VI Carcinogenic Risk CDI ($\mu\text{g}/\text{m}^3$)	VI Carcinogenic Risk CR	VI Hazard CDI (mg/m^3)	VI Hazard HQ	IUR (ug/m^3) ⁻¹	IUR Ref	Chronic RfC (mg/m^3)	RfC Ref	Temperature ($^{\circ}\text{C}$)\ for Groundwater Vapor Concentration	Mutagen?
Trichloroethylene	79-01-6	68	2.04E+00	1.66E-01	6.82E-07	4.66E-04	2.33E-01	4.10E-06		2.00E-03		25	Mut
<i>*Sum</i>		-	-	-	6.82E-07	-	2.33E-01	-		-		-	

Chemical Properties

Chemical	CAS Number	Does the chemical meet the definition for volatility? (HLC>1E-5 or VP>1)	Does the chemical have inhalation toxicity data? (IUR and/or RfC)	MW	MW Ref	Vapor Pressure VP (mm Hg)	VP Ref	S (mg/L)	S Ref	MCL (ug/L)	HLC (atm-m ³ /mole)
Trichloroethylene	79-01-6	Yes	Yes	131.39	PHYSPROP	6.90E+01	PHYSPROP	1.28E+03	PHYSPROP	5	9.85E-03

Henry's Law Constant (unitless)	H and HLC Ref	Henry's Law Constant Used in Calcs (unitless)	Normal Boiling Point BP (K)	BP Ref	Critical Temperature T _c (K)	T _c Ref	Enthalpy of vaporization at the normal boiling point ΔH _{v,b} (cal/mol)	ΔH _{v,b} Ref	Lower Explosive Limit LEL (% by volume)	LEL Ref
4.03E-01	PHYSPROP	4.03E-01	360.35	PHYSPROP	5.71E+02	YAWS	7504.78	CRC	8.00	CRC

Commercial Air Inputs

Variable	Commercial Air Default Value	Site-Specific Value
AF _{gw} (Attenuation Factor Groundwater) unitless	0.001	0.001
AF _{ee} (Attenuation Factor Sub-Slab) unitless	0.03	0.03
AT _{com} (averaging time - composite worker)	365	365
ED _{com} (exposure duration - composite worker) yr	25	25
EF _{com} (exposure frequency - composite worker) day/yr	250	250
ET _{com} (exposure time - composite worker) hr	8	8
THQ (target hazard quotient) unitless	0.1	0.1
LT (lifetime) yr	70	70
TR (target risk) unitless	1.0E-06	1.0E-06

Commercial Vapor Intrusion Screening Levels (VISL)

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = DWSHA; W = TEF applied; E = RPF applied; U = user provided; G = see RSL User's Guide Section 5; CA = cancer; NC = noncancer.

Chemical	CAS Number	Does the chemical meet the definition for volatility? (HLC>1E-5 or VP>1)	Does the chemical have inhalation toxicity data? (IUR and/or RfC)	Is Chemical Sufficiently Volatile and Toxic to Pose Inhalation Risk Via Vapor Intrusion from Soil Source? ($C_{vp} > C_{ia,Target}$?)	Is Chemical Sufficiently Volatile and Toxic to Pose Inhalation Risk Via Vapor Intrusion from Groundwater Source? ($C_{hc} > C_{ia,Target}$?)	Target Indoor Air Concentration (TCR=1E-06 or THQ=0.1) $MIN(C_{ia,c}, C_{ia,nc})$ ($\mu g/m^3$)	Toxicity Basis	Target Sub-Slab and Near-source Soil Gas Concentration (TCR=1E-06 or THQ=0.1) $C_{sg,Target}$ ($\mu g/m^3$)	Target Groundwater Concentration (TCR=1E-06 or THQ=0.1) $C_{gw,Target}$ ($\mu g/L$)
Trichloroethylene	79-01-6	Yes	Yes	Yes	Yes	8.76E-01	NC	2.92E+01	2.18E+00

Is Target Groundwater Concentration < MCL? ($C_{gw} < MCL$?)	Pure Phase Vapor Concentration C_{vp} (25 °C) ($\mu g/m^3$)	Maximum Groundwater Vapor Concentration C_{hc} ($\mu g/m^3$)	Temperature for Maximum Groundwater Vapor Concentration (°C)	Lower Explosive Limit LEL (% by volume)	LEL Ref	IUR (ug/m^3) ⁻¹	IUR Ref	RfC (mg/m^3)	RfC Ref	Mutagenic Indicator	Carcinogenic VISL TCR=1E-06 $C_{ia,c}$ ($\mu g/m^3$)	Noncarcinogenic VISL THQ=0.1 $C_{ia,nc}$ ($\mu g/m^3$)
Yes (5)	4.88E+08	5.15E+08	25	8.00	CRC	4.10E-06	I	2.00E-03	I	Mut	2.99E+00	8.76E-01

Commercial Vapor Intrusion Risk

Chemical	CAS Number	Site Sub-Slab and Exterior Soil Gas Concentration C_{sg} ($\mu\text{g}/\text{m}^3$)	Site Indoor Air Concentration C_{ia} ($\mu\text{g}/\text{m}^3$)	VI Carcinogenic Risk CDI ($\mu\text{g}/\text{m}^3$)	VI Carcinogenic Risk CR	VI Hazard CDI (mg/m^3)	VI Hazard HQ	IUR (ug/m^3) ⁻¹	IUR Ref	Chronic RfC (mg/m^3)	RfC Ref	Temperature (°C)\ for Groundwater Vapor Concentration	Mutagen?
Trichloroethylene	79-01-6	32	9.60E-01	7.83E-02	3.21E-07	2.19E-04	1.10E-01	4.10E-06	I	2.00E-03	I	25	Mut
<i>*Sum</i>		-	-	-	3.21E-07	-	1.10E-01	-		-		-	

Chemical Properties

Chemical	CAS Number	Does the chemical meet the definition for volatility? (HLC>1E-5 or VP>1)	Does the chemical have inhalation toxicity data? (IUR and/or RfC)	MW	MW Ref	Vapor Pressure VP (mm Hg)	VP Ref	S (mg/L)	S Ref	MCL (ug/L)	HLC (atm-m ³ /mole)
Trichloroethylene	79-01-6	Yes	Yes	131.39	PHYSPROP	6.90E+01	PHYSPROP	1.28E+03	PHYSPROP	5	9.85E-03

Henry's Law Constant (unitless)	H and HLC Ref	Henry's Law Constant Used in Calcs (unitless)	Normal Boiling Point BP (K)	BP Ref	Critical Temperature T _c (K)	T _c Ref	Enthalpy of vaporization at the normal boiling point ΔH _{v,b} (cal/mol)	ΔH _{v,b} Ref	Lower Explosive Limit LEL (% by volume)	LEL Ref
4.03E-01	PHYSPROP	4.03E-01	360.35	PHYSPROP	5.71E+02	YAWS	7504.78	CRC	8.00	CRC