



Engineering & Consulting, Inc.

PHASE II ENVIRONMENTAL SITE ASSESSMENT

**FAIRBANKS RURAL COLLECTION CENTER
FAIRBANKS, ALACHUA COUNTY, FLORIDA**

GSE PROJECT NO. 16901

Prepared For:

ALACHUA COUNTY PUBLIC WORKS

APRIL 2025



Engineering & Consulting, Inc.

April 17, 2025

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Report of a Phase II Environmental Site Assessment
Fairbanks Rural Collection Center
Fairbanks, Alachua County, Florida
GSE Project No. 16901

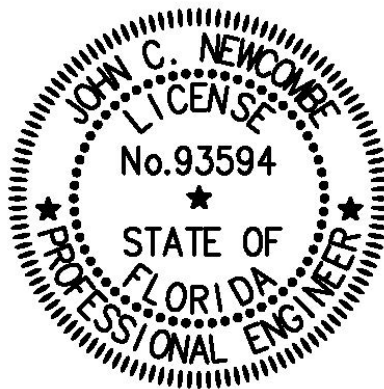
GSE Engineering & Consulting, Inc. (GSE) is pleased to submit this Phase II Environmental Site Assessment (Phase II ESA) for the above-referenced property located in Fairbanks, Alachua County, Florida.

This Phase II ESA was performed at the request of Alachua County as part of the due diligence process related to the potential acquisition of the site. Our services were provided in general accordance with GSE Proposal No. 2025-067 dated February 7, 2025 authorized through Alachua County Purchase Order 2025-1581 dated March 6, 2025.

GSE appreciates the opportunity to be of service to you on this project. If you have any questions concerning the contents of this report, or if we may be of further assistance, please call.

Sincerely,
GSE Engineering & Consulting, Inc.


Karen Roylos
Staff Scientist



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EXECUTIVE SUMMARY

GSE Engineering & Consulting, Inc. (GSE) has completed a Phase II Environmental Site Assessment (Phase II ESA) for the Fairbanks Rural Collection Center property located in Fairbanks, Alachua County, Florida. The subject site is generally situated along the north side of Waldo Road/State Road 24 (SR-24), between NE 80th Way and NE 90th Street.

Site Information Summary

The approximately 2.0-acre subject site consists of Alachua County Property Appraiser (ACPA) Parcel No. 17607-034-002 (listed physical address of 9920 NW Waldo Road) and a portion of Parcel No. 17607-034-000 (No listed physical address).

Parcel No. 17607-034-002 has a main office building, an office/storage structure with an apparent septic system, a mostly enclosed covered storage structure with secondary containment used for hazardous waste collection, and an open walled covered storage structure used for the collection of reuse items. There is also a reuse area storage structure. In addition, there are roll-off type containers used for the collection yard waste, metal and wood debris, and recycling materials. An open concrete pad used to collect paint containers is also located near the hazardous waste building.

The balance of the parcel is mostly open grass with trees lining the perimeter. A circular asphalt paved driveway extends throughout the site. A potable water well is located on the northwest portion of the site. Adjacent to the well is a CMU walled storage type structure on the order of 20-square feet and 4 feet tall. The structure houses the pressure tank for the well.

The subject site portion of ACPA Parcel No. 17607-034-000 (+/-1-acre) is undeveloped silvicultural land. The balance of the parent parcel is also silviculture with some areas that have been relatively recently harvested. A creek with a northeast to southwest alignment traverses the parent parcel immediately north of the subject site.

GSE conducted a Preliminary Site Characterization visit to observe the site layout and visual indications of potential areas of environmental concern (including storage & disposal areas, stained soil or pavement). Three (3) areas of potential concern were identified. Pooled liquids and stained pavement were observed near a seam in the concrete on the north side of the trash compactor. Incidental paint and oil staining was observed on a concrete pad designated for paint collection. Several open 55-gallon drums designated for aerosol cans and oil filter collection were observed at the rear left corner of the hazardous waste collection shed, with their bases straddling the secondary containment wall and partially touching open soil at the back of the shed. Additionally, numerous empty aerosol cans including spray paint and pesticides were observed discarded on the open soil at the back of the shed, behind the 55-gallon drums.

Considering site observations and current and historical site operations, the long-term handling and storage of chemicals and petroleum products in these areas were characterized as a potential environmental concern. This Phase II ESA was conducted to target and characterize the potential on-site concerns identified.

Site Historical and Regulatory Information Review

Review of the aerial photographs, topographic maps, city directories, ACPA information, and the Alachua County personnel interviews confirm the site has remained as a Rural Collection Center dating back to at least 1982. Initial development of the site is evident in the 1982 aerial photograph. Clearing of the site occurred sometime between 1979 and 1982. Prior to this, the site remained undeveloped wooded to partially wooded land dating back to at least 1937. Topographic maps confirm the site was undeveloped between at least the 1960s and 1980s.

No large-scale excavation, dumping, or filling of the site was indicated on the aerial and topographic information review. Soil survey, topographic, and aerial photograph information do not suggest that borrow pit activities were present on the subject property. There were no indications of large-scale agricultural operations being associated with the subject property.

With exception of the Rural Collection Center, no other historical site improvements were identified.

The subject site (ACPA Parcel No. 17607-034-002) is identified on the Alachua County database as **ALACHUA COUNTY FAIRBANKS SOLID WASTE COLLECTION CENTER (9920 NE WALDO ROAD)**. The ACEPD facility identification number is H2140. The facility is designated as Class E (representing exempt facilities with limited hazardous material and/or petroleum product storage). One (1) routine ACEPD inspection report dated 2017 was available for the facility. The report confirmed the facility is a “*satellite residential solid waste and hazwaste collection facility*”. The report states that all hazardous wastes are sent to the Alachua County Hazardous Waste Collection Center for proper disposal. No violations were noted.

Christopher Gilbert, Ph.D. with the ACEPD was contacted related to the listing. Dr. Gilbert confirmed the last inspection conducted by the ACEPD was on April 13, 2017. He also confirmed there is no regulated activity associated with the facility. This listing does not suggest regulated activity was associated with this site. No historical recognized environmental conditions (HRECs) or controlled recognized environmental conditions (CRECs) are associated with this listing.

Off-Site Historical and Regulatory Information Review

The subject site is located within a mostly rural residential, silvicultural and undeveloped area. Residential development is evident in historical aerial photographs and topographic maps dating back to at least the 1930s. Silvicultural land use is evident in the area dating back to at least the 1960s. Prior to current development, the area remained mostly undeveloped wooded to open land and silvicultural land with scattered rural residences, open pasture areas, and unimproved access roads dating back to at least the 1930s.

Former mining and quarry operations mapped with the “*Pits and Dumps*” designation by the Alachua County Soil Survey were identified in the area. Remaining adjoining portions of the parent ACPA Parcel No. 17607-034-000 northwest of the subject site is mapped as Pits and Dumps. A northeast to southwest aligned creek separates the area boundary from the subject site. The mapped area covers approximately 20-acres. The area is currently undeveloped open and wooded silvicultural land.

The pits and dump feature appeared on the historical aerial photograph between 1974 and 1979. The above noted creek separates the visibly disturbed area and the subject site. There is no indication the disturbed area extended onto the subject site. The disturbed area remained clearly visible in 1982. The area became less apparent with increased tree canopy cover through the late 1990s.

By 2004 additional ground disturbance was noted on the northwestern section of the parent parcel. This area remained visible through 2010. The entire parent parcel was harvested (trees) between 2010 and 2011. Multiple mounds (likely soil) and remnant timber were apparent in the disturbed area in 2012. The soil mounds and remnant timber were no longer present by 2015. The area has since become less pronounced and apparent through current times.

Prior to the borrow pit, the area to the north remained partially wooded land dating back to at least the 1930s.

The historical aerial photographs indicate the adjacent area mapped as “*Pits and Dumps*” is expected to have represented a source of fill for area and/or roadway construction. There were no indications to suggest that permanent operational (equipment storage/staging) areas associated with the borrow pit were on or in the immediate vicinity of the subject site. The site was not identified as known landfill or unregulated disposal sites through the regulatory information review.

Considering the interpreted adjoining site activity and use, and regulatory information review, the adjacent Alachua County Soil Survey designated “*Pits and Dumps*” area is not expected to represent likely environmental concerns to the subject site. No compelling evidence was identified through the current and historical off-site information review that would represent a likely environmental concern to the subject site.

Regulatory data reviewed did not identify or suggest that a known or suspected soil or groundwater impact is present that would be expected to potentially impact the subject property.

Field and Laboratory Services and Findings

Eleven (11) hand auger (HA) borings were advanced up to 8 to feet bls in the areas of potential concern. The samples were collected using the hand auger method. Representative soils samples were collected at the 0-0.5, 0.5-2, 2-4, 4-6, and 6-8 feet depth intervals. Collected soils were screened using an organic vapor analyzer (OVA) with a photoionization detector (PID).

The near surface soils at the test locations were observed for visual indications of uncharacteristic staining and odor. No uncharacteristic staining or odors were noted. Elevated soil OVA responses (>10 ppm) were encountered at three (3) test locations.

Based on site observations, areas of potential concern, and soil screening results, three (3) soil and two (2) groundwater samples were selected for laboratory analysis. These locations were selected as they were considered representative of site conditions. It is anticipated these results are representative of the expected soil and groundwater condition in this area.

Low levels of soil constituents (metals, TRPH, and volatile and semi-volatile organic compounds) were detected at the three (3) test locations. The low-level concentrations of these constituents were detected well below the respective SCTLs. The soil test results are illustrated on Figure 4.

The volatile laboratory analysis identified a low-level concentration of Acetone at test location HA-3. The concentration was well below the corresponding 62-777 FAC State Default SCTL. Low-level concentrations of Chloroform were also identified at test locations HA-3 (4-6 feet), HA-7 (0.5-2 feet) and HA-9 (0.5-2 feet). Concentrations were more than two (2) orders of magnitude below the corresponding SCTL. Acetone and Chloroform often represent a laboratory introduced constituent, but could also conceivably represent a residual constituent representative of site conditions.

The semi-volatile analysis identified a low-level concentration of Total Recoverable Petroleum Hydrocarbons (TRPH) more than two (2) orders of magnitude below the corresponding SCTL at test location HA-3.

Low-level concentrations of various metals were also detected. The low-level concentrations of these constituents were detected well below the respective SCTLs. Many metals naturally occur in Florida soils. In addition, anthropogenic residual concentrations persist in soils as a result of long-term manmade activity.

Considering the individual metals and detected concentrations in soil, these are expected to be naturally occurring, anthropogenic background, and/or residual conditions associated with site and area activity. Based on the soil laboratory test results, a compelling need for groundwater sampling for the detected metals is not indicated.

Considering the site use, it is conceivable the residual low-level concentrations of the targeted constituents in the soil could be associated with and attributed to the on-site activities (i.e. hazardous waste storage). However, the results do not suggest a point source soil impact is present that would warrant further characterization.

The detected presence of volatile organics, total recoverable petroleum hydrocarbons, and metal constituents below applicable SCTLs do not appear to warrant further characterization beyond this assessment. Groundwater impacts of regulatory consequence were not identified.

Conclusion

This assessment revealed evidence of potential environmental concerns in connection with the subject property related to current and historical site use. The long-term term handling and storage of chemicals and petroleum products associated with the Rural Collection Center represents a potential environmental concern. No other likely environmental concerns were identified through the historical and regulatory review for the subject site.

A review of current and historical land use in the immediate area of the site was conducted through aerial photographs and topographic maps. In addition, State and County on-line readily available regulatory information was compiled for the immediate area. No compelling evidence was identified through the information review that would represent a likely environmental concern to the subject site.

To further characterize the identified potential environmental concerns, the Phase II ESA was completed. The Phase II ESA findings do not suggest there is an impact to soil or groundwater at the site related to the identified potential on-site environmental concerns that would warrant further characterization.

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- Hand Auger Boring Logs

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- AEL Laboratory Test Report dated March 31, 2025
- AEL Laboratory Test Report dated March 31, 2025
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1.0 INTRODUCTION

GSE Engineering & Consulting, Inc. (GSE) has completed a Phase II Environmental Site Assessment (Phase II ESA) for the Fairbanks Rural Collection Center property located in Fairbanks, Alachua County, Florida. The subject site is generally situated along the north side of Waldo Road/State Road 24 (SR-24), between NE 80th Way and NE 90th Street (Figure 1). Exceptions to, or deletions from, this practice are described in Section 7.0 of this report.

Our services were provided consistent with GSE Proposal No. 2025-067 dated February 7, 2025 authorized through Alachua County Purchase Order 2025-00001581 dated March 6, 2025.

This Phase II ESA was performed at the request of Alachua County as part of the due diligence process related to the potential acquisition of the subject site. This report has been prepared for the exclusive use of Alachua County subject to the terms and conditions of our continuing services Contract Agreement No. 14306.

This section provides background information related to the site.

1.1 Summary of Preliminary Site Characterization

GSE met by videoconference Gus Olmos, P.E., Director of Alachua County Solid Waste & Resource Recovery, on January 30, 2025 to discuss known or suspected environmental concerns at the site. Mr. Olmos stated that Parcel No. 17607-034-002 has been leased by Alachua County since 1981, and operated as a Rural Collection Center for solid and recyclable waste since then. Household hazardous waste has been collected at the site since the 1990s. Mr. Olmos also noted that hydraulic trash compactors operated at the site may have leaked over the years. He stated that Alachua County is concerned about the potential for soil and/or groundwater impacts that could conceivably be present as a result of the rural collection center long term operations.

GSE conducted a Preliminary Site Characterization visit on January 31, 2025, to observe the site layout and visual indications of potential areas of environmental concern (including storage & disposal areas, stained soil or pavement). Three (3) areas of potential concern were identified. Pooled liquids and stained pavement were observed near a seam in the concrete on the north side of the trash compactor. Incidental paint and oil staining was observed on a concrete pad designated for paint collection. Several open 55-gallon drums designated for aerosol cans and oil filter collection were observed at the rear left corner of the hazardous waste collection shed, with their bases straddling the secondary containment wall and partially touching open soil at the back of the shed. Additionally, numerous empty aerosol cans including spray paint and pesticides were observed discarded on the open soil at the back of the shed, behind the 55-gallon drums.

Considering site observations and current and historical site operations, the long-term handling and storage of chemicals and petroleum products in these areas were characterized as a potential environmental concern.

1.2 Purpose and Approach

This Phase II ESA was conducted to target and characterize the potential on-site concerns identified. To better understand site use prior to the collection center operation, a review of readily available historical aerial photographs and USGS Topographic maps, and Alachua County Soil Survey was conducted. In addition, the Alachua County and Florida Department of Environmental Protection (FDEP) regulatory databases were reviewed to determine if there are documented known or suspected environmental concerns related to the subject site.

Based on the preliminary site characterization and review of referenced published information, soil and groundwater sample locations were selected to evaluate if an impact to soil or groundwater was presented related to the identified site use and activities. Selected test locations, sampling approach, and parameters considered the location and interpreted nature of the on-site operations and our experience with similar sites. It was not the intent of this evaluation to determine the vertical or lateral extent of impacts that may be detected.

1.3 Scope of Services

The scope of services summarized below is based on our understanding of the site use as a rural collection center.

- Reviewed readily available historical aerial photographs of the site and immediate vicinity dating back to the 1940s or 1930s. Readily available historical topographic maps and Alachua County soil survey were also reviewed.
- Conducted a preliminary regulatory search of readily available online documentation for FDEP regulated contaminated sites in the vicinity of the subject site. This was completed using the FDEP Contamination Locator Map on-line tool.
- Reviewed the Alachua County Environmental Protection Department (ACEPD) on-line hazardous material section “*Hazmat Document Search*” information for the subject site.
- Interviewed Alachua County personnel familiar with procedures for receiving, storing, and handling the various waste streams at the rural collection center.
- Cleared utilities at the site through Sunshine One Call.
- Mobilized to the site with manual drilling equipment.
- Advanced eleven (11) hand auger borings up to 10 feet below land surface (bls) in potential areas of concern. The borings were advanced to groundwater or this maximum depth.
- Visually observed soil for staining and screened representative soil samples with an organic vapor analyzer (OVA) equipped with a photoionization detector (PID) consistent with Florida Department of Environmental Protection (FDEP) guidelines.
- Selected three (3) soil samples in representative areas for laboratory analysis.
- Collected two (2) groundwater samples based on the OVA screening and site observations for laboratory analysis. The grab samples were collected through temporary groundwater points using a peristaltic pump through screened PVC casing placed in the selected borings. The test locations were backfilled with excavated material following sampling.

- The collected samples were laboratory analyzed for volatile and semi-volatile organic constituents (EPA Test Methods 8260 and 8270), Total Recoverable Petroleum Hydrocarbons (TRPH) by the FL-PRO Method, PCBs (EPA Method 8082), Organochlorine Pesticides (EPA Method 8081), Herbicides (EPA Method 8151), and eight (8) RCRA Metals (soil only).
- Compared test results to State of Florida regulatory standards and guidelines (Chapter 62-777 Florida Administrative Code (FAC)).
- Prepared a summary report outlining the scope of services, findings, and conclusions, including the potential implications of the findings.

Our services were provided under the direction of Professional Engineers registered in the State of Florida.

2.0 SITE DESCRIPTION

2.1 Location

The subject property is situated along the north side of Waldo Road/State Road 24 (SR-24), between NE 80th Way and NE 90th Street in Fairbanks, Alachua County, Florida. The site is located within a mostly rural residential, silvicultural and undeveloped area.

The Project Site Location Map (Figure 1) illustrates the location of the site. Site boundaries were assumed based on a provided survey, Alachua County Property Appraiser (ACPA) information, and physical features including roadways, fences and other readily apparent features. GSE was furnished with a Site Survey prepared by Alachua County Public Works Surveying dated November 14, 2024 depicting the site boundaries. The approximate site boundaries and extent are illustrated on Figures 2A & B.

2.2 Current Use and Ownership of the Property

The approximately 2.0-acre subject site consists of Alachua County Property Appraiser (ACPA) Parcel No. 17607-034-002 (listed physical address of 9920 NW Waldo Road) and a portion of Parcel No. 17607-034-000 (No listed physical address). Property owner, address, acreage, and property use information is summarized in the table below.

ACPA Parcel No.	Site Address	Parcel Acreage	Parcel Owner	Site Land Use
17607-034-002	9920 NE Waldo Road	1.07	WHITEHURST CATTLE CO.	0110 – SFR Rural
17607-034-000	No listed physical address	~1.0*	WHITEHURST CATTLE CO.	9900 – Acreage Non Ag 9630 – Swamp <100 AC

*Acreage is a portion of a larger parent parcel (+/-37.76 acres)

According to the ACPA, Parcel No. 17607-034-002 (current rural collection center area) is improved with an approximately 180-square foot “barn”, an 80-square foot “shed”, a 120-square foot “STG” (storage structure), and associated asphalt and concrete paved areas. The improvements are listed as built in 1995.

Parcel No. 17607-034-002 has a main office building, an office/storage structure with an apparent septic system, a mostly enclosed covered storage structure with secondary containment used for hazardous waste collection, and an open walled covered storage structure used for the collection of reuse items.

The reuse area structure was not identified by the ACPA. There is, however, a permit listed on the ACPA for an “*other nonresidential bld.*” that was issued in 2005. Based on aerial photographs, the building is expected to be the reuse area storage structure. In addition, there are roll-off type containers used for the collection yard waste, metal and wood debris, and recycling materials. An open concrete pad used to collect paint containers is also located near the hazardous waste building.

The balance of the parcel is mostly open grass with trees lining the perimeter. A circular asphalt paved driveway extends throughout the site. A potable water well is located on the northwest portion of the site. Adjacent to the well is a CMU walled storage type structure on the order of 20-square feet and 4 feet tall. The structure houses the pressure tank for the well.

The subject site portion of ACPA Parcel No. 17607-034-000 (+/-1-acre) is undeveloped silvicultural land. The balance of the parent parcel is also silviculture with some areas that have been relatively recently harvested. A creek with a northeast to southwest alignment traverses the parent parcel immediately north of the subject site.

2.3 Interviews

On March 7, 2025 GSE interviewed Leondra Rackard, Alachua County Collection Centers Operations Supervisor for Solid Waste and Resource Recovery. Mr. Rackard is familiar with the day-to-day operations and procedures for receiving, storing, and handling the various waste streams at the Collection Center

Mr. Rackard has been associated with the subject site for approximately 2 years. He confirmed the site stores and handles various waste streams, including solid and hazardous wastes. It is his understanding that the various waste storage areas have historically remained in the same areas across the site.

Mr. Rackard stated that household solid waste is put into the trash compactor. No chemicals are accepted in the trash compactor area. Citizens are directed to drop off petroleum products and chemicals in the designated hazardous waste storage area. Chemical and paint containers are transferred to another facility on a weekly basis. Waste oil is transferred to another facility on a monthly basis.

Mr. Rackard stated that no chemicals or petroleum products are stored in the “reuse area”. Items brought to this area must be emptied prior to disposal/storage (i.e. no fuel or oil). The intent is for citizens to be able to claim items in this area for personal use.

3.0 HISTORICAL USE AND REGULATORY INFORMATION SUMMARY

To ascertain historical use of the site, a review of select historical information for the site and immediate area was performed. We reviewed aerial photographs of the area from the ACPA dated 2023, 2020, 2017, 2010, 2008, 2006, 2004, 2001, 1996, 1979, 1974, 1968, 1961, 1957, 1949 and 1938. Aerial photographs from the Florida Department of Transportation (FDOT) (2008, 1994, 1982) and U.S. Department of Agriculture (USDA) (1990, 1979, 1974, 1968, 1956, 1949 and 1937) provided additional historical context. In addition, available Google Earth images were reviewed. Historical USGS topographic maps dated 2024, 2021, 2018, 2015, 2012, 1981, 1966, 1959 and 1954 were also reviewed as part of this assessment.

The Alachua County Soil Survey for the area was reviewed (*Section 4.2*). ACPA information was used to determine the nature of select nearby development. State and County environmental regulatory agency readily available on-line information were reviewed for environmental associations with the subject site and near vicinity properties (*Section 3.3*). We also conducted an interview with Alachua County personnel (*Sections 1.1, 2.3 & 3.3*).

Please refer to Figures 6A – 6F along with the following discussions.

3.1 Site Historical Information Review

Review of the aerial photographs, topographic maps, city directories, ACPA information, and the Alachua County personnel interviews confirm the site has remained as a Rural Collection Center dating back to at least 1982. Initial development of the site is evident in the 1982 aerial photograph. This is consistent with information provided by Mr. Olmos. Clearing of the site occurred sometime between 1979 and 1982. Prior to this, the site remained undeveloped wooded to partially wooded land dating back to at least 1937. Topographic maps confirm the site was undeveloped between at least the 1960s and 1980s.

An unimproved access road is evident traversing the site and immediate area in a general south-southwest to north-northeast alignment in the 1937 aerial photograph. An additional access road is evident in 1937 traversing along the southeastern property boundary. The roads are expected to have provided access to various portions of the site and surrounding areas. There is no indication of large-scale systematic surface dumping associated with the roads. The access roads do not represent a likely environmental concern.

No large-scale excavation, dumping, or filling of the site was indicated on the aerial and topographic information review. Soil survey, topographic, and aerial photograph information do not suggest that borrow pit activities were present on the subject property. There were no indications of large-scale agricultural operations being associated with the subject property.

With exception of the Rural Collection Center, no other historical site improvements were identified.

3.2 Off-Site Current and Historical Information Review

The subject site is located within a mostly rural residential, silvicultural and undeveloped area. Residential development is evident in historical aerial photographs and topographic maps dating back to at least the 1930s. Silvicultural land use is evident in the area dating back to at least the 1960s. Prior to current development, the area remained mostly undeveloped wooded to open land and silvicultural land with scattered rural residences, open pasture areas, and unimproved access roads dating back to at least the 1930s.

Former mining and quarry operations mapped with the “*Pits and Dumps*” designation by the Alachua County Soil Survey were identified in the area (*Section 4*). Remaining adjoining portions of the parent ACPA Parcel No. 17607-034-000 northwest of the subject site is mapped as *Pits and Dumps*. A northeast to southwest aligned creek separates the area boundary from the subject site. The mapped area covers approximately 20-acres. The area is currently undeveloped, open and wooded silvicultural land.

The pits and dump feature appeared on the historical aerial photograph between 1974 and 1979. The above noted creek separates the visibly disturbed area and the subject site. There is no indication the disturbed area extended onto the subject site. An access road from the disturbed area to Waldo Road was noted in the 1979 aerial photograph. The disturbed area remained clearly visible in 1982. The area became less apparent with increased tree canopy cover through the late 1990s.

By 2004 additional ground disturbance was noted on the northwestern section of the parent parcel. This area remained visible through 2010. The entire parent parcel was harvested (trees) between 2010 and 2011. Multiple mounds (likely soil) and remnant timber were apparent in the disturbed area in 2012. The soil mounds and remnant timber were no longer present by 2015. The area has since become less pronounced and apparent through current times.

Prior to the borrow pit, the area to the north remained partially wooded land dating back to at least the 1930s.

The historical aerial photographs indicate the adjacent area mapped as “*Pits and Dumps*” is expected to have represented a source of fill for area and/or roadway construction. There were no indications to suggest that permanent operational (equipment storage/staging) areas associated with the borrow pit were on or in the immediate vicinity of the subject site. The site was not identified as known landfill or unregulated disposal sites through the regulatory information review.

Considering the interpreted adjoining site activity and use, and regulatory information review, the adjacent Alachua County Soil Survey designated “*Pits and Dumps*” area is not expected to represent likely environmental concerns to the subject site. No compelling evidence was identified through the current and historical off-site information review that would represent a likely environmental concern to the subject site.

3.3 Regulatory Information Summary

GSE reviewed State and ACEPD on-line regulatory documentation to obtain further information related to the subject site and nearby listed facilities. ACEPD is contracted by the State to assist in management of the storage tank and other regulated facilities in Alachua County. Furthermore, Alachua County has a Hazardous Materials Management Code, which the ACEPD administers and enforces.

The subject site (ACPA Parcel No. 17607-034-002) is identified on the Alachua County database as **ALACHUA COUNTY FAIRBANKS SOLID WASTE COLLECTION CENTER (9920 NE WALDO ROAD)**. The ACEPD facility identification number is H2140. The facility is designated as Class E (representing exempt facilities with limited hazardous material and/or petroleum product storage). One (1) routine ACEPD inspection report dated 2017 was available for the facility (Appendix C). The report confirmed the facility is a “*satellite residential solid waste and hazwaste collection facility*”. The report states that all hazardous wastes are sent to the Alachua County Hazardous Waste Collection Center for proper disposal. No violations were noted.

Christopher Gilbert, Ph.D. with the ACEPD was contacted related to the listing. Dr. Gilbert confirmed the last inspection conducted by the ACEPD was on April 13, 2017. He also confirmed there is no regulated activity associated with the facility. This listing does not suggest regulated activity was associated with this site. No historical recognized environmental conditions (HRECs) or controlled recognized environmental conditions (CRECs) are associated with this listing.

The FDEP Cleanup Sites Contamination Locator Map was utilized to search for known Brownfields Sites, Other Waste Cleanup, Petroleum, PFAS, and Superfund sites within a 1-mile radius of the site. No additional sites were identified through this review.

Review of the FDEP Map Direct database identified one (1) facility in the vicinity of the subject site that was identified as a hazardous waste generator and Storage Tank Contamination Monitoring (STCM) site.

UNIV OF FL-IFAS-AUSTIN CARY FOREST (HWY 24 8 MI N OF GAINESVILLE) is located approximately 4,000 feet east-northeast of the subject site. The facility is identified as a historical Federal Resource Conservation and Recovery Act Information System (RCRA) hazardous waste generator, and a facility that has reported the possible release of petroleum products (a Leaking Underground / Aboveground Storage Tank (LUST/LAST) site). Considering the location with regards to the subject site, regulatory information reviewed, and our experience with similar sites, this listing does not represent a likely environmental concern to the subject site.

We also reviewed the FDEP Ground Water Contamination Areas GIS layer, a statewide map showing the boundaries of delineated areas of known groundwater contamination pursuant to Chapter 62-524, F.A.C., New Potable Water Well Permitting in Delineated Areas. Thirty-eight (38) Florida counties have been delineated primarily for the agricultural pesticide ethylene dibromide (EDB), and to a much lesser extent, volatile organic and petroleum contaminants. This GIS layer represents approximately 427,897 acres in 38 counties in Florida that have been delineated for groundwater contamination. However, it does not represent all known sources of groundwater contamination for the state of Florida. The subject site is not located within a delineated area of known groundwater contamination.

As part of the regulatory review conducted by EDR, the Super Act Program Well Data and the USGS Wells databases were utilized to search for water wells in the vicinity of the subject site. In addition, the Florida Department of Health (FDOH) EH Water Well Surveillance database was reviewed for well testing data for water wells that have been tested for contaminants on the subject site and/or adjoining properties. The subject site and adjacent properties were not identified as having a well on-site. The on-site potable well was not identified through this review.

Christopher Gilbert, Ph.D. with the ACEPD was contacted to determine if additional information related to known environmental concerns in the area. Dr. Gilbert informed us that the ACEPD is not aware of additional sites or pertinent information related to the subject site or surrounding area.

Regulatory data reviewed did not identify or suggest that a known or suspected soil or groundwater impact is present that would be expected to potentially impact the subject property.

4.0 PHYSICAL SETTING SOURCE

This section provides a summary of physical sources reviewed as part of this assessment.

4.1 Topographic Map Review

Review of the Orange Heights (2024) Quadrangle USGS Topographic Map¹ and Alachua County LiDAR topographic data² indicates the ground surface elevation at the site ranges approximately 139 to 144 feet NGVD. The topography at the site generally gently slopes down toward the southwest portion of the site. Regional topography is characterized by gently rolling hills, and generally gently slopes down towards the interconnected and isolated low areas associated with the Hatchet Creek drainage basin south of the subject site.

The Floridan aquifer occurs at an estimated elevation on the order of 60 to 70 feet³. Based on area topography and published information, the overall regional flow of the Floridan in this area is interpreted as being towards the west. The Floridan Aquifer is confined in this area.

The surficial groundwater surface is expressed by area waterbodies and wetlands. Surficial groundwater flow tends to follow surface topography and nearby drainage or water features. A nearby regulated facility east-northeast of the subject site generally documented variable groundwater flow directions towards the south, southwest and southeast directions.

Various natural and man-made features affect the actual groundwater flow direction. Considering these features, where present, surficial groundwater flow is interpreted to generally be towards the adjoining creek system northwest of the subject site. In order to establish the actual groundwater gradient across the site, in-situ field measurements would be necessary.

4.2 SCS Soil Survey Review

The site is mapped with one (1) dominant soil series by the Soil Conservation Service (SCS) Soil Survey for Alachua County⁴. The following soil description is from the Soil Survey.

Pomona sand, 0 to 2 percent slopes – This nearly level, poorly drained soil is in small and large areas in the flatwoods. Slopes are nearly smooth and range from 0 to 2 percent. The areas are irregular in shape and range from about 10 to 350 acres.

Typically, the surface layer is very dark gray sand about 5 inches thick. The subsurface layer is sand to a depth of 16 inches. The upper 4 inches is gray, and the lower 7 inches is light gray. The upper 4 inches of the subsoil is very dark gray sand in which many sand grains are coated with organic material, and the next 4 inches is dark reddish brown sand. The next 8 inches is pale brown sand that has mottles, and the lower 11 inches is very pale brown sand. Below this a loamy subsoil extends to a depth of 69 inches. The upper 4 inches is light gray fine sandy loam, and the lower 22 inches is gray, mottled sandy clay loam. Between depths of 69 and 84 inches, the underlying material is light gray, mottled fine sandy loam.

¹ USGS. 7.5 Minute Orange Heights, FL Quadrangle (2024).

² Alachua County Department of Growth Management. mapgenius.alachuacounty.us/.

³ USGS. Potentiometric Surface of the Upper Floridan Aquifer (September 2021).

⁴ Soil Survey of Alachua County, Florida. Soil Conservation Service, U.S. Department of Agriculture.

Included with this soil in mapping are small areas of soils which are similar to Pomona soils but which have a brown, organically stained layer. Many of the sand grains are uncoated. Also included are small areas of soils which are similar to this Pomona soil but which have weakly cemented layers at a depth of 30 to 50 inches. Small areas of Myakka, Newnan, Pelham, Sparr, and Wauchula soils are in some areas. About 60 acres mapped as Pomona soil along the Santa Fe River is occasionally flooded. Total included areas are about 20 percent.

In this Pomona soil, the water table is within 10 inches of the surface for 1 to 3 months during most years. During dry seasons, the water table recedes to a depth of more than 40 inches. Surface runoff is slow. The available water capacity is low to medium in the surface and subsurface layers, and it ranges from low to high in the subsoil. Permeability is rapid to very rapid in the surface and subsurface layers, moderate to rapid in the upper part of the subsoil, and moderately slow to moderate in the lower part.

Pits or Dumps or Arrents – The subject site was not mapped with the “Pits or Dumps” or “Arrents” designation. These correspond to the location of a former excavation area (likely to mine fill, limestone or phosphate) or landfills.

The property adjoining the northwest portion of the subject site is mapped as *Pits and Dumps*. The mapped area covers approximately 20-acres. Potential implications of the adjoining area was discussed in *Section 3.2*. One (1) additional area located approximately 0.8-miles southwest of the subject site is mapped as *Pits and Dumps*. The mapped area is on the order of 0.8-acres. Topographic maps did not identify other quarries or borrow pits on or in the immediate vicinity of the subject site. The presence of the identified *Pits and Dumps* areas do not represent a likely environmental concern to the subject site.

5.0 FIELD AND LABORATORY TESTING PROGRAM

The field services were completed on March 14, 21, 24 and 28, 2025. The soil and groundwater sampling and testing program is summarized below.

5.1 Soil Sampling and Screening Program

Eleven (11) hand auger (HA) borings were advanced up to 8 to feet bls in the areas of potential concern. The samples were collected using the hand auger method. The approximate boring locations are shown on Figure 3.

The borings generally encountered a near surface layer of sand with silt (SP-SM) underlain by poorly graded sand (SP) and clayey sand (SC) to the boring termination depths. Groundwater was encountered between approximately 3 and 8 feet bls.

Representative soils samples were collected at the 0-0.5, 0.5-2, 2-4, 4-6, and 6-8 feet depth intervals. Collected soils were screened using an organic vapor analyzer (OVA) with a photoionization detector (PID). The screening was conducted consistent with FDEP guidelines.

OVA responses exceeding 10 parts per million (ppm) were encountered at three (3) test locations (HA-7, HA-8 & HA-9). Hand auger boring HA-7 encountered elevated OVA responses (17.4 ppm) in the 0.5-2 feet sample interval. Hand auger boring HA-8 encountered elevated OVA responses (25.5 ppm) in the 0-0.5 feet sample interval. Hand auger boring HA-9 encountered elevated OVA responses in the 0-0.5, 0.5-2, 4-6, and 6-8 feet sample intervals (34, 100.8, 67.1, and 24.4 ppm, respectively). No uncharacteristic staining or odors were noted at the test locations. The auger boring logs including the soil classifications and OVA responses are provided in Appendix A.

Based on site observations, areas of potential concern, and soil screening results, three (3) representative soil samples were selected for laboratory analysis (HA-3 (4-6 feet), HA-7 (0.5-2 feet) and HA-9 (0.5-2 feet)). The test locations were backfilled with excavated material following sample collection.

The collected samples were placed in an ice-filled cooler and delivered via chain-of-custody protocol to Advanced Environmental Laboratories, Inc. (AEL) in Gainesville, Florida for analysis.

5.2 Soil Analysis and Results

The collected soil samples were analyzed for volatile and semi-volatile organic constituents (EPA Test Methods 8260 and 8270), Total Recoverable Petroleum Hydrocarbons (TPH) by the FL-PRO Method, PCBs (EPA Method 8082), Organochlorine Pesticides (EPA Method 8081), and eight (8) RCRA Metals.

The following Table 1 summarizes the detected parameters in the soil and applicable FDEP regulatory guideline cleanup target levels.

Table 1 - Summary of Soil Analysis Results

Target Constituent	Location / Depth Interval (ft) / Detected Concentration			Units	Regulatory Guideline Cleanup Target Levels*		
	HA-3	HA-7	HA-9		Direct Exposure - Residential	Direct Exposure - Commercial/Industrial	Leachability for Groundwater
	4-6 ft	0.5-2 ft	0.5-2 ft				
Date Collected	3/14/2025	3/14/2025	3/14/2025				
Acetone	0.027	0.0023 U	0.0024 U	mg/kg	11,000	68,000	25
Chloroform	0.0016 I	0.0022 I	0.0016 I	mg/kg	0.4	0.6	0.4
Total Recoverable Petroleum Hydrocarbons (TRPH)	7.5 I	5.1 U	5.1 U	mg/kg	460	2,700	340
Barium	0.76	1.5	2	mg/kg	120	130,000	1,600
Cadmium	0.028 U	0.028 U	0.061	mg/kg	82	1,700	7.5
Chromium	0.33	0.68	0.97	mg/kg	210	470	38
Lead	0.15 I	0.53	2.8	mg/kg	400	1,400	**
Mercury	0.005 I	0.011	0.008	mg/kg	3	17	2.1

Notes:

*Chapter 62-777 FAC Default Soil Cleanup Target Levels (SCTL)

**SPLP Analysis Required to Determine

I - Reported value is between the laboratory method detection limit and the laboratory practical quantitation limit

U - The compound was analyzed for but not detected

Low level concentrations of targeted constituents were detected. Concentrations did not exceed 62-777 FAC State Default Soil Cleanup Target Levels (SCTLs). The complete AEL soil analytical laboratory test report is included in Appendix D. The soil test results are illustrated on Figure 4.

5.3 Groundwater Sample Collection and Testing

Based on soil screening results and interpreted historical site operations, two (2) representative areas were selected for groundwater sampling and laboratory testing (TMP-1 & TMP-2). The temporary monitoring point groundwater sampling locations are shown on Figure 5.

The sample was collected through a temporary monitoring point installed near HA-3 and HA-9. At these locations, the auger boring was extended to approximately 6 and 10 feet bls, respectively. PVC casing (2-inch diameter) with a 5-foot well screen (0.01-inch slots) was then inserted into the borehole to allow for water sample collection. The temporary monitoring points were initially purged to reduce sediment load and subsequently sampled using a peristaltic pump with dedicated tubing. Groundwater was collected once visual indications of sediments had reduced to a consistent level.

Upon completion of sampling the PVC piping was retrieved from the borehole. The boring was subsequently backfilled and abandoned using the excavated material.

The samples were placed in an ice-filled cooler and delivered via chain-of-custody protocol to AEL in Gainesville, Florida for analysis.

AEL contacted GSE regarding initially collected samples from TMP-2. The volatile organic constituent groundwater sample had become “solidified”. As a result, a sample could not be extracted from the container. GSE re-mobilized to the site to re-collect a groundwater sample corresponding to this location (TMP-2A). The sample was collected using the procedures described above, and delivered to AEL following chain-of-custody protocol.

5.4 Groundwater Analysis and Results

The groundwater samples were analyzed for volatile and semi-volatile organic constituents (EPA Test Methods 8260 and 8270), Total Recoverable Petroleum Hydrocarbons (TPH) by the FL-PRO Method, PCBs (EPA Method 8082), Organochlorine Pesticides (EPA Method 8081).

No detectable concentrations of targeted constituents were identified. Accordingly, no parameters were identified exceeding State Default Groundwater Cleanup Target Levels (GCTLs) as defined under Chapter 62-777, FAC. The complete AEL groundwater analytical laboratory test report is included in Appendix B.

5.5 Evaluation of Phase II ESA Results

The near surface soils at the test locations were observed for visual indications of uncharacteristic staining and odor. No uncharacteristic staining or odors were noted. Elevated soil OVA responses (>10 ppm) were encountered at three (3) test locations.

Based on site observations, areas of potential concern, and soil screening results, three (3) soil and two (2) groundwater samples were selected for laboratory analysis. These locations were selected as they were considered representative of site conditions. It is anticipated these results are representative of the expected soil and groundwater condition in this area.

Low levels of soil constituents (metals, TRPH, and volatile and semi-volatile organic compounds) were detected at the three (3) test locations. The low-level concentrations of these constituents were detected well below the respective SCTLs. The soil test results are illustrated on Figure 4.

The volatile laboratory analysis identified a low-level concentration of Acetone at test location HA-3. The concentration was well below the corresponding 62-777 FAC State Default SCTL. Low-level concentrations of Chloroform were also identified at test locations HA-3 (4-6 feet), HA-7 (0.5-2 feet) and HA-9 (0.5-2 feet). Concentrations were more than two (2) orders of magnitude below the corresponding SCTL. Acetone and Chloroform often represent a laboratory introduced constituent, but could also conceivably represent a residual constituent representative of site conditions.

The semi-volatile analysis identified a low-level concentration of Total Recoverable Petroleum Hydrocarbons (TRPH) more than two (2) orders of magnitude below the corresponding SCTL at test location HA-3.

Low-level concentrations of various metals were also detected. The low-level concentrations of these constituents were detected well below the respective SCTLs. Many metals naturally occur in Florida soils. In addition, anthropogenic residual concentrations persist in soils as a result of long-term manmade activity.

Considering the individual metals and detected concentrations in soil, these are expected to be naturally occurring, anthropogenic background, and/or residual conditions associated with site and area activity. Based on the soil laboratory test results, a compelling need for groundwater sampling for the detected metals is not indicated.

Considering the site use, it is conceivable the residual low-level concentrations of the targeted constituents in the soil could be associated with and attributed to the on-site activities (i.e. hazardous waste storage). However, the results do not suggest a point source soil impact is present that would warrant further characterization.

The detected presence of volatile organics, total recoverable petroleum hydrocarbons, and metal constituents below applicable SCTLs do not appear to warrant further characterization beyond this assessment. Groundwater impacts of regulatory consequence were not identified.

6.0 CONCLUSION

GSE has completed a Phase II ESA for the Fairbanks Rural Collection Center property located in Fairbanks, Alachua County, Florida. The subject property is situated along the north side of Waldo Road/State Road 24 (SR-24), between NE 80th Way and NE 90th Street. Any exceptions to, or deletions from, this practice are described in Section 7.0 of this report.

This assessment revealed evidence of potential environmental concerns in connection with the subject property related to current and historical site use. The long-term term handling and storage of chemicals and petroleum products associated with the Rural Collection Center represents a potential environmental concern. No other likely environmental concerns were identified through the historical and regulatory review for the subject site.

A review of current and historical land use in the immediate area of the site was conducted through aerial photographs and topographic maps. In addition, State and County on-line readily available regulatory information was compiled for the immediate area. No compelling evidence was identified through the information review that would represent a likely environmental concern to the subject site.

To further characterize the identified potential environmental concerns, the Phase II ESA was completed. The Phase II ESA findings do not suggest there is an impact to soil or groundwater at the site related to the identified potential on-site environmental concerns that would warrant further characterization.

7.0 LIMITATIONS OF ENVIRONMENTAL ASSESSMENT

The conclusions and recommendations contained in this report represent our professional opinions. These opinions are presented in accordance with currently accepted practices at this time and location and are subject to the inherent limitations of environmental assessments. The Phase II ESA was conducted at the request of Alachua County in order to evaluate the known current site use.

Limited review of historical and regulatory information was conducted as part of this Phase II ESA as documented herein. GSE obtained, reviewed, and evaluated information currently readily available from the client and local and State public entities. GSE's conclusion, opinions, and recommendations are based, in part, on this information. GSE's services did not include the verification of the accuracy or authenticity of this information.

This report should not be construed to represent a Phase I ESA performed in conformance with ASTM E 1527-21 with the intent of meeting appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. Given the inherent limitations of environmental assessment work, GSE does not guarantee that the site is free of hazardous or potentially hazardous materials or conditions or that latent or undiscovered conditions will not become evident in the future. Supplemental assessment services could be conducted in order to obtain a greater degree of certainty with respect to actual site conditions, and confirm the opinions and conclusions presented herein.

In order to fully understand the legal implications that may be associated with the findings presented herein, it may be prudent and appropriate for the information to be reviewed and evaluated by legal counsel.

FIGURES



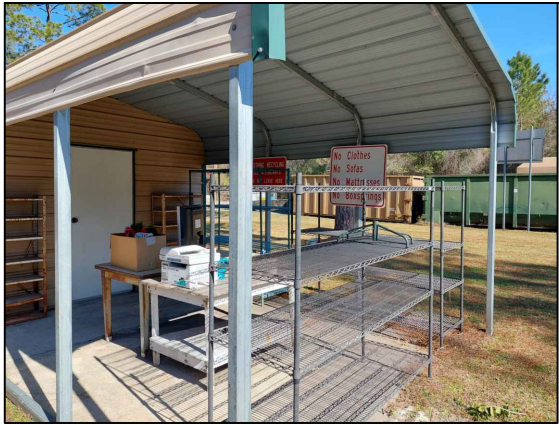
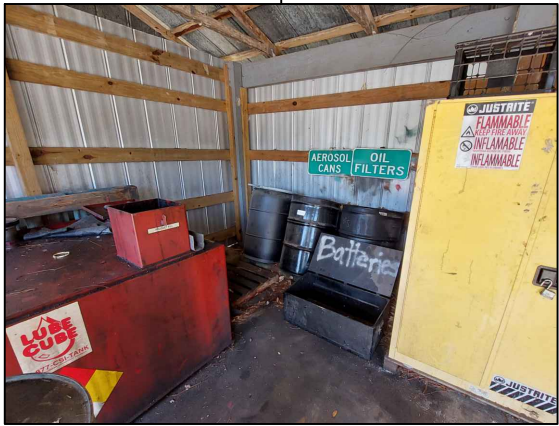
PROJECT SITE LOCATION MAP

FAIRBANKS RURAL COLLECTION CENTER
FAIRBANKS, ALACHUA COUNTY, FLORIDA
GSE PROJECT NO. 16901

DESIGNED BY: KR
CHECKED BY: JBN
DRAWN BY: EEW



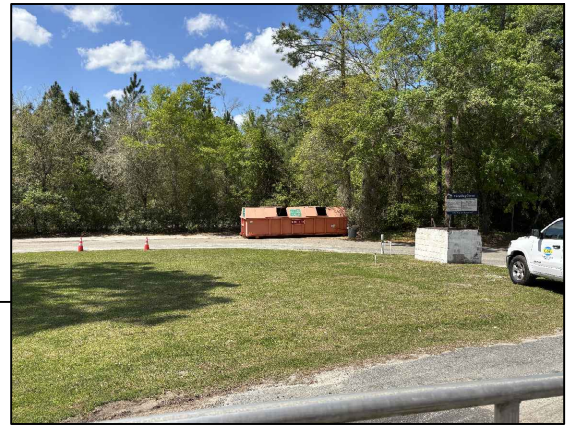
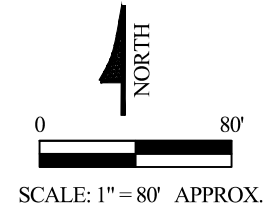
FIGURE
1



REFERENCE: GOOGLE EARTH (2023) AERIAL PHOTOGRAPH

LEGEND:

SUBJECT PROPERTY



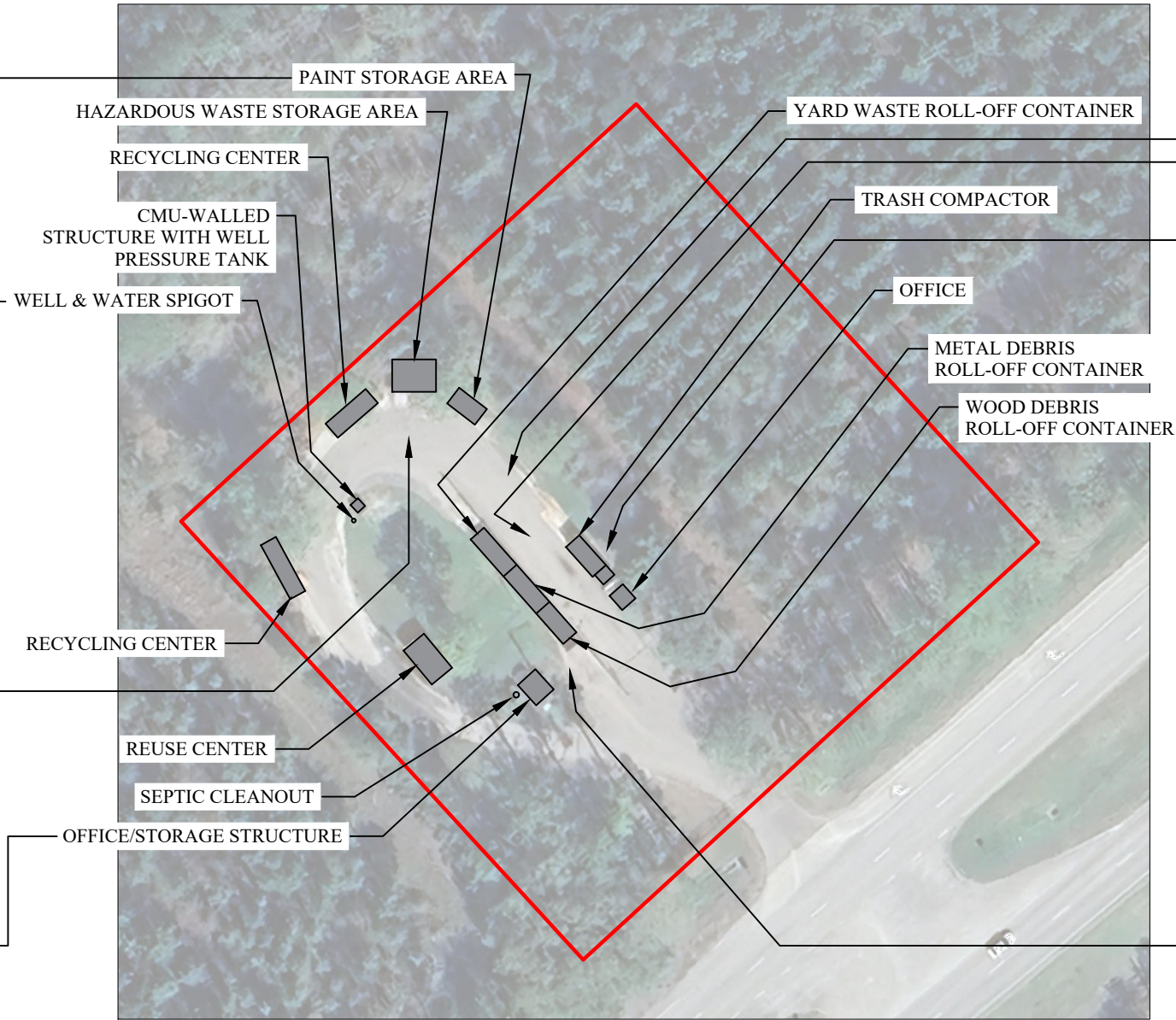
SITE PLAN WITH REPRESENTATIVE PHOTOGRAPHS

FAIRBANKS RURAL COLLECTION CENTER
FAIRBANKS, ALACHUA COUNTY, FLORIDA
GSE PROJECT NO. 16901

DESIGNED BY: KR
CHECKED BY: JBN
DRAWN BY: EEW

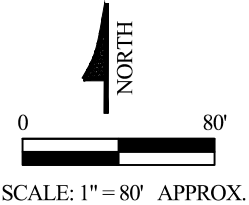


FIGURE
2A



REFERENCE: GOOGLE EARTH (2023) AERIAL PHOTOGRAPH

LEGEND:
 SUBJECT PROPERTY



SITE PLAN WITH REPRESENTATIVE PHOTOGRAPHS

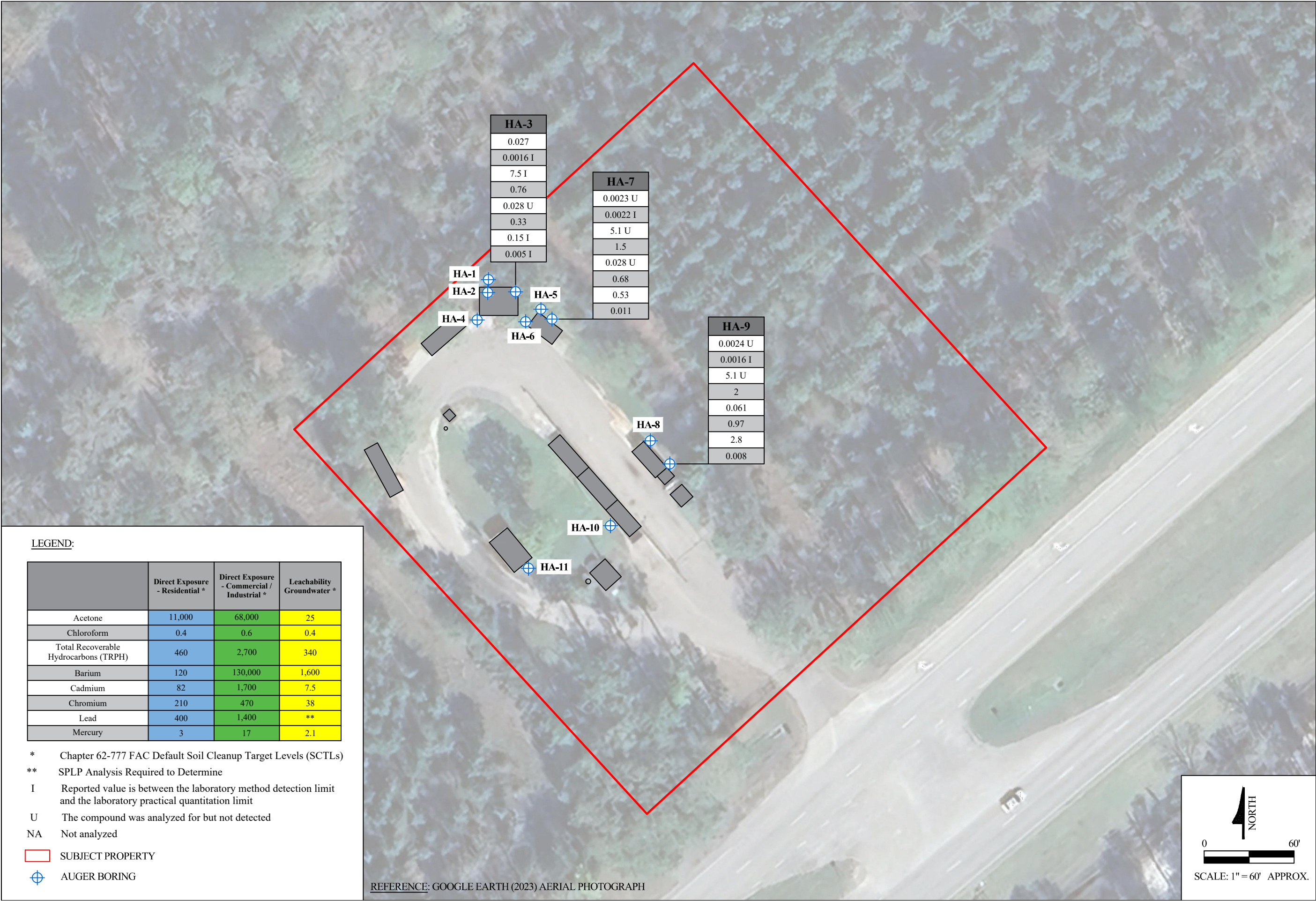
FAIRBANKS RURAL COLLECTION CENTER
FAIRBANKS, ALACHUA COUNTY, FLORIDA
GSE PROJECT NO. 16901

DESIGNED BY: KR
CHECKED BY: JBN
DRAWN BY: EEW





FAIRBANKS RURAL COLLECTION CENTER FAIRBANKS, ALACHUA COUNTY, FLORIDA GSE PROJECT NO. 16901	SITE PLAN SHOWING APPROXIMATE LOCATIONS OF SOIL BORINGS			FIGURE 3
	DESIGNED BY : KR CHECKED BY : JBN DRAWN BY : EEW			



SITE PLAN SHOWING APPROXIMATE LOCATIONS OF SOIL BORINGS
WITH SOIL ANALYSES

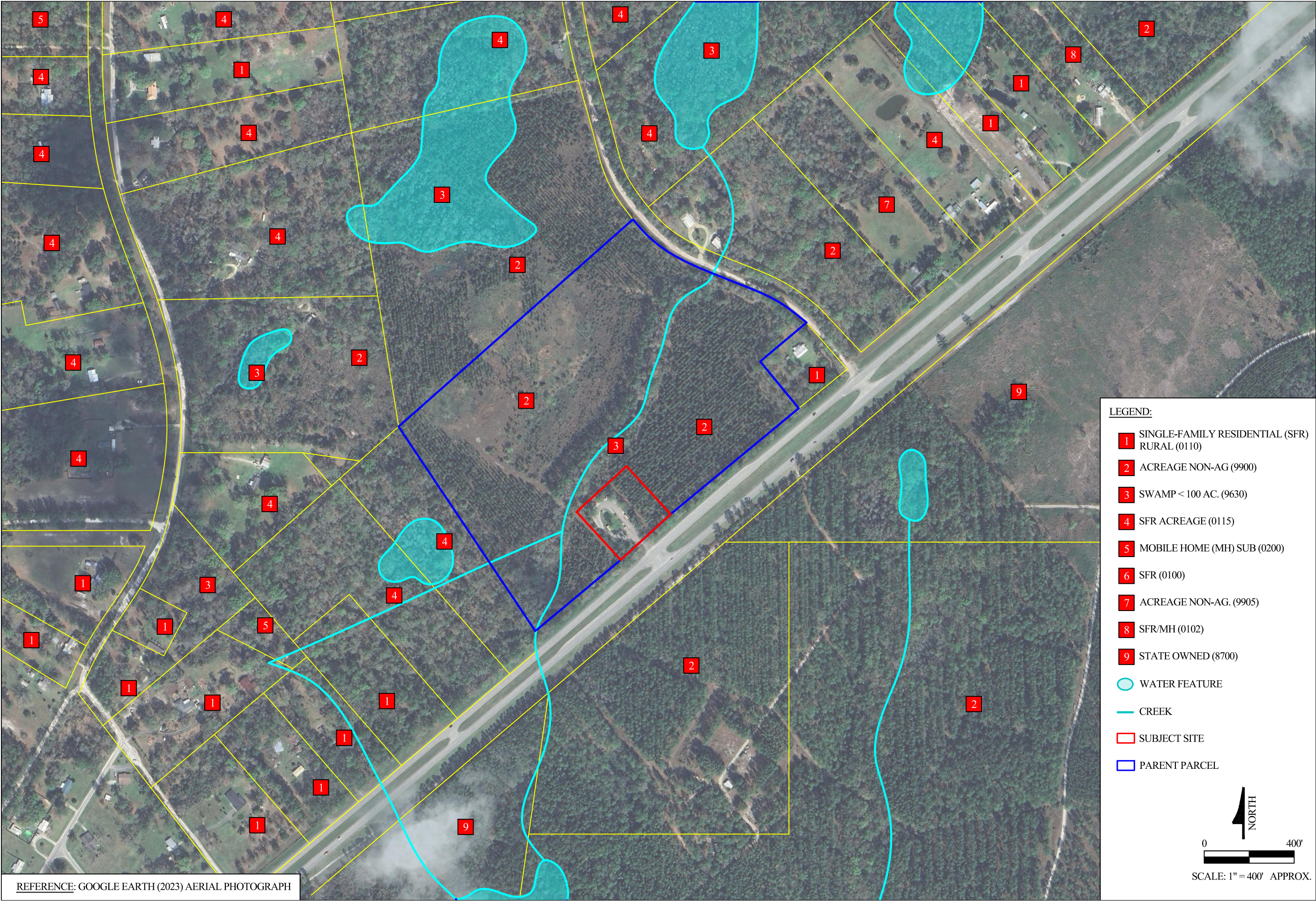
DESIGNED BY: KR
CHECKED BY: JBN
DRAWN BY: EEW

FAIRBANKS RURAL COLLECTION CENTER
FAIRBANKS, ALACHUA COUNTY, FLORIDA
GSE PROJECT NO. 16901

FIGURE
4



FAIRBANKS RURAL COLLECTION CENTER FAIRBANKS, ALACHUA COUNTY, FLORIDA GSE PROJECT NO. 16901	SITE PLAN SHOWING APPROXIMATE LOCATIONS OF TEMPORARY GROUNDWATER MONITORING WELLS		
	DESIGNED BY : KR CHECKED BY : JBN DRAWN BY : EEW		FIGURE 5



REFERENCE: GOOGLE EARTH (2023) AERIAL PHOTOGRAPH

SITE AND VICINITY AERIAL PHOTOGRAPH (2023) WITH AREA LAND USE	
FAIRBANKS RURAL COLLECTION CENTER FAIRBANKS, ALACHUA COUNTY, FLORIDA GSE PROJECT NO. 16901	
DESIGNED BY : KR CHECKED BY : JBN DRAWN BY : EEW	 FIGURE 6A



REFERENCE: GOOGLE EARTH (2012) AERIAL PHOTOGRAPH

LEGEND:

SUBJECT SITE

PARENT PARCEL



NORTH



0 400'

SCALE: 1" = 400' APPROX.

SITE AND VICINITY AERIAL PHOTOGRAPH (2012)		
FAIRBANKS RURAL COLLECTION CENTER FAIRBANKS, ALACHUA COUNTY, FLORIDA GSE PROJECT NO. 16901		
DESIGNED BY: KR		FIGURE 6B
CHECKED BY: JBN		
DRAWN BY: EEW		



REFERENCE: FDOT (1994) AERIAL PHOTOGRAPH

FAIRBANKS RURAL COLLECTION CENTER FAIRBANKS, ALACHUA COUNTY, FLORIDA GSE PROJECT NO. 16901	SITE AND VICINITY AERIAL PHOTOGRAPH (1994)		
	DESIGNED BY : KR		FIGURE 6C
	CHECKED BY : JBN		
	DRAWN BY : EEW		



REFERENCE: FDOT (1982) AERIAL PHOTOGRAPH

SITE AND VICINITY AERIAL PHOTOGRAPH (1982)		
DESIGNED BY : KR CHECKED BY : JBN DRAWN BY : EEW		FIGURE 6D



REFERENCE: USDA (1974) AERIAL PHOTOGRAPH

LEGEND:

SUBJECT SITE

PARENT PARCEL

 NORTH

 0 400'

SCALE: 1" = 400' APPROX.

FAIRBANKS RURAL COLLECTION CENTER FAIRBANKS, ALACHUA COUNTY, FLORIDA GSE PROJECT NO. 16901	SITE AND VICINITY AERIAL PHOTOGRAPH (1974)		
	DESIGNED BY : KR		FIGURE 6E
	CHECKED BY : JBN		
	DRAWN BY : EEW		



REFERENCE: USDA (1949) AERIAL PHOTOGRAPH

LEGEND:

SUBJECT SITE

PARENT PARCEL

NORTH

0 400'

SCALE: 1" = 400' APPROX.

FAIRBANKS RURAL COLLECTION CENTER FAIRBANKS, ALACHUA COUNTY, FLORIDA GSE PROJECT NO. 16901		SITE AND VICINITY AERIAL PHOTOGRAPH (1949)	
DESIGNED BY : KR CHECKED BY : JBN DRAWN BY : EEW			FIGURE 6F

APPENDIX A



GSE Engineering
5590 SW 64th St
Gainesville, FL 32608
Telephone: 3523773233

CLIENT Alachua County Public Works

PROJECT NAME Fairbanks Rural Collection Center

PROJECT NUMBER 16901

PROJECT LOCATION Fairbanks, Alachua County, Florida

DATE PERFORMED 3/11/2025 **BORING NUMBER HA-1**

DRILLING CONTRACTOR GSE

GROUND WATER LEVELS:

LOGGED BY CPG

▼ AT TIME OF DRILLING 6.0 ft

CHECKED BY CPG

▼ AFTER DRILLING _____

▼ ESTIMATED SEASONAL HIGH NA

NOTES _____

DATE PERFORMED 3/11/2025 **BORING NUMBER HA-2**

DRILLING CONTRACTOR GSE

GROUND WATER LEVELS:

LOGGED BY CPG

▼ AT TIME OF DRILLING 6.0 ft

CHECKED BY CPG

▼ AFTER DRILLING _____

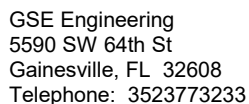
▼ ESTIMATED SEASONAL HIGH NA

NOTES _____

AB 2 VAPOR WT-AD - GINT STD US.GDT - 4/11/25 13:48 - C:\USERS\WORKROOM\GSE\ENGINEERING\DESKTOP\16901 BORINGS.GPJ

DEPTH (ft)	GRAPHIC LOG	SAMPLE TYPE NUMBER	Net OVA (ppm)	MATERIAL DESCRIPTION	DEPTH (ft)	GRAPHIC LOG	SAMPLE TYPE NUMBER	Net OVA (ppm)	MATERIAL DESCRIPTION
0.0					0.0				
		AU 1	0	(SP) Gray and brown SAND with trace silt			AU 1	0.2	(SP) Gray SAND with trace silt
									0.5
		AU 2	0	(SP) Gray SAND			AU 2	0.2	(SP) Gray and brown SAND
				1.0					
				2.0					2.0
2.5		AU 3	0	(SP) Pale gray SAND	2.5		AU 3	0.1	(SP) Pale gray and brown SAND
									3.0
5.0		AU 4	0.3		5.0		AU 4	0.1	
				6.0					6.0
				Bottom of borehole at 6.0 feet. Borehole terminated due to borehole collapse at 6 ft bls.					Bottom of borehole at 6.0 feet. Borehole terminated due to borehole collapse at 6 ft bls.

(Continued Next Page)



PROJECT NAME Fairbanks Rural Collection Center

PROJECT LOCATION Fairbanks, Alachua County, Florida

DATE PERFORMED 3/11/2025 **BORING NUMBER HA-4**

DRILLING CONTRACTOR GSE

GROUND WATER LEVELS:

LOGGED BY KR

AT TIME OF DRILLING 6.0 ft

▼ AFTER DRILLING

CHECKED BY CPG

▽ ESTIMATED SEASONAL HIGH NA

NOTES

[illegible]

(Continued Next Page)



GSE Engineering
5590 SW 64th St
Gainesville, FL 32608
Telephone: 3523773233

CLIENT Alachua County Public Works

PROJECT NAME Fairbanks Rural Collection Center

PROJECT NUMBER 16901

PROJECT LOCATION Fairbanks, Alachua County, Florida

DATE PERFORMED 3/11/2025 **BORING NUMBER HA-5**

DRILLING CONTRACTOR GSE

GROUND WATER LEVELS:

LOGGED BY KR

▼ AT TIME OF DRILLING 6.0 ft

CHECKED BY CPG

▼ AFTER DRILLING _____

▼ ESTIMATED SEASONAL HIGH NA

NOTES _____

DATE PERFORMED 3/11/2025 **BORING NUMBER HA-6**

DRILLING CONTRACTOR GSE

GROUND WATER LEVELS:

LOGGED BY CPG

▼ AT TIME OF DRILLING 6.0 ft

CHECKED BY CPG

▼ AFTER DRILLING _____

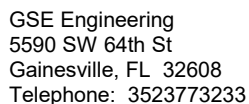
▼ ESTIMATED SEASONAL HIGH NA

NOTES _____

AB 2 VAPOR WT-AD - GINT STD US.GDT - 4/11/25 13:48 - C:\USERS\WORKROOM\GSE\ENGINEERING\DESKTOP\16901 BORINGS.GPJ

DEPTH (ft)	GRAPHIC LOG	SAMPLE TYPE NUMBER	Net OVA (ppm)	MATERIAL DESCRIPTION	DEPTH (ft)	GRAPHIC LOG	SAMPLE TYPE NUMBER	Net OVA (ppm)	MATERIAL DESCRIPTION
0.0					0.0				
		AU 1	0.4	(SP) Grayish brown SAND			AU 1	2.9	(SP-SM) Dark brown SAND with silt
								0.5	
		AU 2	2.1				AU 2	0.1	(SP) Dark gray SAND
				(SP) Pale brown SAND					
				1.5					
				(SP) Pale gray SAND					(SP) Gray SAND
				2.0					2.0
2.5		AU 3	1		2.5		AU 3	0	
									(SP) Pale gray SAND
								4.0	
		AU 4	0.4	(SP-SC) Pale gray and very pale brown SAND with clay			AU 4	0	(SC) Pale gray clayey SAND
				5.0					5.0
5.0					5.0				
				6.0					6.0
				▼ Bottom of borehole at 6.0 feet. Borehole terminated due to borehole collapse at 6 ft bls.					▼ Bottom of borehole at 6.0 feet. Borehole terminated due to borehole collapse at 6 ft bls.

(Continued Next Page)



PROJECT NAME Fairbanks Rural Collection Center

PROJECT LOCATION Fairbanks, Alachua County, Florida

DATE PERFORMED 3/11/2025 **BORING NUMBER HA-8**

DRILLING CONTRACTOR GSE

GROUND WATER LEVELS:

GROUND WATER LEVELS: LOGGED BY CPG

AT TIME OF DRILLING 8.0 ft

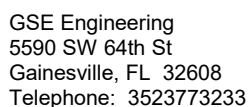
 AFTER DRILLING _____

▽ ESTIMATED SEASONAL HIGH NA

NOTES

DEPTH (ft)	GRAPHIC LOG	SAMPLE TYPE NUMBER	Net OVA (ppm)	MATERIAL DESCRIPTION	DEPTH (ft)	GRAPHIC LOG	SAMPLE TYPE NUMBER	Net OVA (ppm)	MATERIAL DESCRIPTION
0.0					0.0				
		AU 1	6.7	(SP) Pale brownish gray SAND			AU 1	25.5	(SP) Dark brown SAND with trace silt
				1.0					
		AU 2	17.4	(SP) Pale gray SAND			AU 2	4.6	(SC) Pale brown and orange clayey SAND
				1.3					1.3
				(SP) Pale brown SAND					
				2.0					
				(SP) Very pale brown SAND					
2.5					2.5				
		AU 3	9.1				AU 3	1.9	(SP) Dark gray SAND
									3.0
									4.0
									(SP-SM) Dark brown SAND with silt and trace pieces of burnt wood debris
5.0		AU 4	8.8		5.0		AU 4	5.3	(SP) Pale brown SAND
									5.0
									6.0
				6.0					(SP) Pale gray SAND
				Bottom of borehole at 6.0 feet. Borehole terminated due to borehole collapse at 6 ft bls.			AU 5	1	
									7.3
									(SC) Pale gray and yellow clayey SAND
					7.5				8.0
									Bottom of borehole at 8.0 feet. Borehole terminated due to borehole collapse at 8 ft bls.

(Continued Next Page)



PROJECT NAME Fairbanks Rural Collection Center

PROJECT LOCATION Fairbanks, Alachua County, Florida

DATE PERFORMED 3/11/2025 **BORING NUMBER HA-10**

DRILLING CONTRACTOR GSE

GROUND WATER LEVELS:

GROUND WATER LEVELS: LOGGED BY CPG

AT TIME OF DRILLING 4.0 ft

▼ AFTER DRILLING

▽ ESTIMATED SEASONAL HIGH

NOTES

DEPTH (ft)	GRAPHIC LOG	SAMPLE TYPE NUMBER	Net OVA (ppm)	MATERIAL DESCRIPTION
0.0				
		AU 1	34	(SP) Grayish brown SAND with trace silt
		AU 2	100.8	
				(SP) Very pale brown SAND with trace clay
2.5		AU 3	4.6	
				(SP) Pale gray SAND
5.0		AU 4	67.1	(SM) Very dark brown silty SAND
				(SP-SM) Brown SAND with silt
				(SP) Yellowish brown SAND
				(SP) Very pale brown SAND
7.5		AU 5	24.4	
				Bottom of borehole at 8.0 feet. Borehole terminated due to borehole collapse at 8 ft bls.

(Continued Next Page)



GSE Engineering
5590 SW 64th St
Gainesville, FL 32608
Telephone: 3523773233

CLIENT Alachua County Public Works

PROJECT NAME Fairbanks Rural Collection Center

PROJECT NUMBER 16901

PROJECT LOCATION Fairbanks, Alachua County, Florida

DATE PERFORMED 3/11/2025 **BORING NUMBER HA-11**

DRILLING CONTRACTOR GSE

GROUND WATER LEVELS:

LOGGED BY KR

▼ AT TIME OF DRILLING 3.0 ft

CHECKED BY CPG

▼ AFTER DRILLING _____

▼ ESTIMATED SEASONAL HIGH _____

NOTES _____

DEPTH (ft)	GRAPHIC LOG	SAMPLE TYPE NUMBER	Net OVA (ppm)	MATERIAL DESCRIPTION
0.0				
		AU 1	1	(SP-SM) Dark brown SAND with silt
				0.8
				(SP) Brown SAND 1.0
		AU 2	1.9	(SP) Pale brown SAND 1.3
				(SP) Very pale brown SAND
2.5				
		AU 3	2	▼
				4.0
				Bottom of borehole at 4.0 feet. <i>Borehole terminated due to borehole collapse at 4 ft bls.</i>

APPENDIX B



Advanced Environmental Laboratories, Inc.
4965 SW 41st Bl Gainesville, FL 32608
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (352) 377-2349
Fax: (352) 395-6639

FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

March 27, 2025

Jay Nordqvist
GSE Engineering
5590 SW 64th St. Suite B
Gainesville, FL 32608

RE: Workorder: G2502693 FAIRBANKS RURAL COLLECTION CTR

Dear Jay Nordqvist:

Enclosed are the analytical results for sample(s) received by the laboratory on Friday March 14, 2025. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Desmond Brady
DBrady@aellab.com

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
G2502693001	HA-3 4-6	SO	EPA 8081	03/14/2025 09:35	03/14/2025 11:25	19	Dry
G2502693001	HA-3 4-6	SO	FL-PRO	03/14/2025 09:35	03/14/2025 11:25	1	Dry
G2502693001	HA-3 4-6	SO	SM 2540G	03/14/2025 09:35	03/14/2025 11:25	1	Dry
G2502693001	HA-3 4-6	SO	SW-846 6010	03/14/2025 09:35	03/14/2025 11:25	7	Dry
G2502693001	HA-3 4-6	SO	SW-846 7471A	03/14/2025 09:35	03/14/2025 11:25	1	Dry
G2502693001	HA-3 4-6	SO	SW-846 8082A	03/14/2025 09:35	03/14/2025 11:25	7	Dry
G2502693001	HA-3 4-6	SO	SW-846 8260D	03/14/2025 09:35	03/14/2025 11:25	68	Dry
G2502693001	HA-3 4-6	SO	SW-846 8270E	03/14/2025 09:35	03/14/2025 11:25	92	Dry
G2502693002	HA-7 05-2	SO	EPA 8081	03/14/2025 09:30	03/14/2025 11:25	19	Dry
G2502693002	HA-7 05-2	SO	FL-PRO	03/14/2025 09:30	03/14/2025 11:25	1	Dry
G2502693002	HA-7 05-2	SO	SM 2540G	03/14/2025 09:30	03/14/2025 11:25	1	Dry
G2502693002	HA-7 05-2	SO	SW-846 6010	03/14/2025 09:30	03/14/2025 11:25	7	Dry
G2502693002	HA-7 05-2	SO	SW-846 7471A	03/14/2025 09:30	03/14/2025 11:25	1	Dry
G2502693002	HA-7 05-2	SO	SW-846 8082A	03/14/2025 09:30	03/14/2025 11:25	7	Dry
G2502693002	HA-7 05-2	SO	SW-846 8260D	03/14/2025 09:30	03/14/2025 11:25	68	Dry
G2502693002	HA-7 05-2	SO	SW-846 8270E	03/14/2025 09:30	03/14/2025 11:25	92	Dry
G2502693003	HA-9 05-2	SO	EPA 8081	03/14/2025 10:20	03/14/2025 11:25	19	Dry
G2502693003	HA-9 05-2	SO	FL-PRO	03/14/2025 10:20	03/14/2025 11:25	1	Dry
G2502693003	HA-9 05-2	SO	SM 2540G	03/14/2025 10:20	03/14/2025 11:25	1	Dry
G2502693003	HA-9 05-2	SO	SW-846 6010	03/14/2025 10:20	03/14/2025 11:25	7	Dry
G2502693003	HA-9 05-2	SO	SW-846 7471A	03/14/2025 10:20	03/14/2025 11:25	1	Dry
G2502693003	HA-9 05-2	SO	SW-846 8082A	03/14/2025 10:20	03/14/2025 11:25	7	Dry
G2502693003	HA-9 05-2	SO	SW-846 8260D	03/14/2025 10:20	03/14/2025 11:25	68	Dry
G2502693003	HA-9 05-2	SO	SW-846 8270E	03/14/2025 10:20	03/14/2025 11:25	92	Dry

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Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

Workorder Summary

Batch Comments

GCS#5493 - 8081/8082/608 Analysis, Soil

The matrix spike (MS) recoveries of Aroclor 1260 (PCB-1260), Tetrachloro-m-xylene, and/or Decachlorobiphenyl for the matrix spike and the matrix spike duplicate were outside control criteria. Recoveries in the Laboratory Control Sample (LCS) were acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential bias in this matrix. No corrective action is required.

The matrix spike and the matrix spike duplicate were acid cleaned as per EPA method 3665a to remove matrix interferences.

MSS#3926 - 8270/625 Analysis, Soil

The matrix spike (MS) recoveries of Hexachlorocyclopentadiene and N-Nitrosopiperidine for MS 5755436 were outside control criteria. Recoveries in the Laboratory Control Sample (LCS) were acceptable, which indicates that the analytical batch was in control. The data was flagged accordingly.

The relative percent difference (RPD) for several analytes in the duplicate matrix sample analysis of MSD 5755437 was outside control criteria. Failing RPD indicates inconsistency in the parent sample matrix. The associated Laboratory Control Sample (LCS) was within acceptable limits, indicating that the analytical batch was in control. No corrective action was needed.

Task Comments

G2502693002 (HA-7 05-2) - GCS#5508 - FL-PRO Analysis, Soil

The control criterion was exceeded for the following surrogate in G2502693002: o-Terphenyl. Recoveries in the laboratory control sample (LCS) were acceptable, indicating that the analytical batch was in control. The affected surrogate is qualified to indicate suspected matrix interference.

G2502693003 (HA-9 05-2) - GCS#5508 - FL-PRO Analysis, Soil

The control criterion was exceeded for the following surrogate in G2502693003: o-Terphenyl. Recoveries in the laboratory control sample (LCS) were acceptable, indicating that the analytical batch was in control. The affected surrogate is qualified to indicate suspected matrix interference.

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Phone: (352) 377-2349
Fax: (352) 395-6639

FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

Analytical Results Qualifiers

Parameter Qualifiers

- U The compound was analyzed for but not detected.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Lab Qualifiers

- T DOH Certification #E84589 (FL NELAC) AEL-Tampa

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

Analytical Results

Lab ID:	G2502693001		Date Collected:	03/14/2025 09:35		Matrix:	Soil	
Sample ID:	HA-3 4-6		Date Received:	03/14/2025 11:25				
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	0.14 U	mg/Kg	0.28	0.14	1	03/17/2025 13:55	03/18/2025 12:19	T
Barium	0.76	mg/Kg	0.28	0.14	1	03/17/2025 13:55	03/18/2025 12:19	T
Cadmium	0.028 U	mg/Kg	0.056	0.028	1	03/17/2025 13:55	03/18/2025 12:19	T
Chromium	0.33	mg/Kg	0.28	0.22	1	03/17/2025 13:55	03/18/2025 12:19	T
Lead	0.15 I	mg/Kg	0.28	0.14	1	03/17/2025 13:55	03/18/2025 12:19	T
Selenium	0.56 U	mg/Kg	2.8	0.56	1	03/17/2025 13:55	03/18/2025 12:19	T
Silver	0.22 U	mg/Kg	0.28	0.22	1	03/17/2025 13:55	03/18/2025 12:19	T
METALS (SW-846 7471A)								
Mercury	0.0048 I	mg/Kg	0.0064	0.0031	2	03/21/2025 09:00	03/25/2025 10:36	T
SEMIVOLATILES (EPA 3546/EPA 8081)								
4,4' -DDD	0.0016 U	mg/Kg	0.0023	0.0016	1	03/18/2025 12:30	03/19/2025 14:45	T
4,4' -DDE	0.00031 U	mg/Kg	0.0023	0.00031	1	03/18/2025 12:30	03/19/2025 14:45	T
4,4' -DDT	0.00070 U	mg/Kg	0.0023	0.00070	1	03/18/2025 12:30	03/19/2025 14:45	T
Aldrin	0.00066 U	mg/Kg	0.0023	0.00066	1	03/18/2025 12:30	03/19/2025 14:45	T
Chlordane (technical)	0.018 U	mg/Kg	0.023	0.018	1	03/18/2025 12:30	03/19/2025 14:45	T
Dieldrin	0.0013 U	mg/Kg	0.0023	0.0013	1	03/18/2025 12:30	03/19/2025 14:45	T
Endosulfan I	0.00029 U	mg/Kg	0.0023	0.00029	1	03/18/2025 12:30	03/19/2025 14:45	T
Endosulfan II	0.00029 U	mg/Kg	0.0023	0.00029	1	03/18/2025 12:30	03/19/2025 14:45	T
Endosulfan Sulfate	0.0012 U	mg/Kg	0.0023	0.0012	1	03/18/2025 12:30	03/19/2025 14:45	T
Endrin	0.00045 U	mg/Kg	0.0023	0.00045	1	03/18/2025 12:30	03/19/2025 14:45	T
Endrin Aldehyde	0.00085 U	mg/Kg	0.0023	0.00085	1	03/18/2025 12:30	03/19/2025 14:45	T
Heptachlor	0.00092 U	mg/Kg	0.0023	0.00092	1	03/18/2025 12:30	03/19/2025 14:45	T
Heptachlor Epoxide	0.00070 U	mg/Kg	0.0023	0.00070	1	03/18/2025 12:30	03/19/2025 14:45	T
Methoxychlor	0.00063 U	mg/Kg	0.0023	0.00063	1	03/18/2025 12:30	03/19/2025 14:45	T





FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

Analytical Results

Lab ID:	G2502693001	Date Collected:	03/14/2025 09:35			Matrix:	Soil	
Sample ID:	HA-3 4-6	Date Received:	03/14/2025 11:25					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Toxaphene	0.020 U	mg/Kg	0.023	0.020	1	03/18/2025 12:30	03/19/2025 14:45	T
alpha-BHC	0.00061 U	mg/Kg	0.0023	0.00061	1	03/18/2025 12:30	03/19/2025 14:45	T
beta-BHC	0.00068 U	mg/Kg	0.0023	0.00068	1	03/18/2025 12:30	03/19/2025 14:45	T
delta-BHC	0.00071 U	mg/Kg	0.0023	0.00071	1	03/18/2025 12:30	03/19/2025 14:45	T
gamma-BHC (Lindane)	0.00049 U	mg/Kg	0.0023	0.00049	1	03/18/2025 12:30	03/19/2025 14:45	T
SEMIVOLATILES (EPA 3546/SW-846 8082A)								
Aroclor 1016 (PCB-1016)	0.011 U	mg/Kg	0.014	0.011	1	03/18/2025 12:30	03/19/2025 14:45	T
Aroclor 1221 (PCB-1221)	0.011 U	mg/Kg	0.014	0.011	1	03/18/2025 12:30	03/19/2025 14:45	T
Aroclor 1232 (PCB-1232)	0.011 U	mg/Kg	0.014	0.011	1	03/18/2025 12:30	03/19/2025 14:45	T
Aroclor 1242 (PCB-1242)	0.011 U	mg/Kg	0.014	0.011	1	03/18/2025 12:30	03/19/2025 14:45	T
Aroclor 1248 (PCB-1248)	0.011 U	mg/Kg	0.014	0.011	1	03/18/2025 12:30	03/19/2025 14:45	T
Aroclor 1254 (PCB-1254)	0.011 U	mg/Kg	0.014	0.011	1	03/18/2025 12:30	03/19/2025 14:45	T
Aroclor 1260 (PCB-1260)	0.011 U	mg/Kg	0.014	0.011	1	03/18/2025 12:30	03/19/2025 14:45	T
SEMIVOLATILES (FL-PRO)								
TPH	7.5 I	mg/Kg	16	5.5	1	03/21/2025 11:00	03/22/2025 14:01	T
SEMIVOLATILES (SW-846 3550B/SW-846 8270E)								
1,2,4,5-Tetrachlorobenzene	0.042 U	mg/Kg	0.23	0.042	1	03/21/2025 09:30	03/21/2025 17:28	T
1,2,4-Trichlorobenzene	0.034 U	mg/Kg	0.23	0.034	1	03/21/2025 09:30	03/21/2025 17:28	T
1,2-Dichlorobenzene	0.046 U	mg/Kg	0.23	0.046	1	03/21/2025 09:30	03/21/2025 17:28	T
1,2-Diphenylhydrazine	0.088 U	mg/Kg	0.23	0.088	1	03/21/2025 09:30	03/21/2025 17:28	T
1,3-Dichlorobenzene	0.024 U	mg/Kg	0.23	0.024	1	03/21/2025 09:30	03/21/2025 17:28	T
1,4-Dichlorobenzene	0.051 U	mg/Kg	0.23	0.051	1	03/21/2025 09:30	03/21/2025 17:28	T
1-Methylnaphthalene	0.0044 U	mg/Kg	0.23	0.0044	1	03/21/2025 09:30	03/21/2025 17:28	T
1-Naphthylamine	0.060 U	mg/Kg	0.23	0.060	1	03/21/2025 09:30	03/21/2025 17:28	T
2,3,4,6-Tetrachlorophenol	0.047 U	mg/Kg	0.23	0.047	1	03/21/2025 09:30	03/21/2025 17:28	T
2,4,5-Trichlorophenol	0.083 U	mg/Kg	0.23	0.083	1	03/21/2025 09:30	03/21/2025 17:28	T
2,4,6-Trichlorophenol	0.043 U	mg/Kg	0.23	0.043	1	03/21/2025 09:30	03/21/2025 17:28	T

Thursday, March 27, 2025 11:51:44 AM
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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

Analytical Results

Lab ID: G2502693001
Sample ID: HA-3 4-6

Date Collected: 03/14/2025 09:35
Date Received: 03/14/2025 11:25

Matrix: Soil

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
2,4-Dichlorophenol	0.048 U	mg/Kg	0.23	0.048	1	03/21/2025 09:30	03/21/2025 17:28	T
2,4-Dimethylphenol	0.048 U	mg/Kg	0.23	0.048	1	03/21/2025 09:30	03/21/2025 17:28	T
2,4-Dinitrophenol	0.14 U	mg/Kg	0.23	0.14	1	03/21/2025 09:30	03/21/2025 17:28	T
2,4-Dinitrotoluene (2,4-DNT)	0.072 U	mg/Kg	0.23	0.072	1	03/21/2025 09:30	03/21/2025 17:28	T
2,6-Dichlorophenol	0.034 U	mg/Kg	0.23	0.034	1	03/21/2025 09:30	03/21/2025 17:28	T
2,6-Dinitrotoluene (2,6-DNT)	0.058 U	mg/Kg	0.23	0.058	1	03/21/2025 09:30	03/21/2025 17:28	T
2-Chloronaphthalene	0.044 U	mg/Kg	0.23	0.044	1	03/21/2025 09:30	03/21/2025 17:28	T
2-Chlorophenol	0.041 U	mg/Kg	0.23	0.041	1	03/21/2025 09:30	03/21/2025 17:28	T
2-Methyl-4,6-dinitrophenol	0.051 U	mg/Kg	0.23	0.051	1	03/21/2025 09:30	03/21/2025 17:28	T
2-Methylnaphthalene	0.0054 U	mg/Kg	0.23	0.0054	1	03/21/2025 09:30	03/21/2025 17:28	T
2-Methylphenol (o-Cresol)	0.044 U	mg/Kg	0.23	0.044	1	03/21/2025 09:30	03/21/2025 17:28	T
2-Naphthylamine	0.045 U	mg/Kg	0.23	0.045	1	03/21/2025 09:30	03/21/2025 17:28	T
2-Nitroaniline	0.065 U	mg/Kg	0.23	0.065	1	03/21/2025 09:30	03/21/2025 17:28	T
2-Nitrophenol	0.051 U	mg/Kg	0.23	0.051	1	03/21/2025 09:30	03/21/2025 17:28	T
2-Picoline (2-Methylpyridine)	0.11 U	mg/Kg	0.23	0.11	1	03/21/2025 09:30	03/21/2025 17:28	T
3+4-Methylphenol(mp-Cresol)	0.056 U	mg/Kg	0.23	0.056	1	03/21/2025 09:30	03/21/2025 17:28	T
3,3'-Dichlorobenzidine	0.031 U	mg/Kg	0.23	0.031	1	03/21/2025 09:30	03/21/2025 17:28	T
3-Methylcholanthrene	0.086 U	mg/Kg	0.23	0.086	1	03/21/2025 09:30	03/21/2025 17:28	T
3-Nitroaniline	0.065 U	mg/Kg	0.23	0.065	1	03/21/2025 09:30	03/21/2025 17:28	T
4-Aminobiphenyl	0.039 U	mg/Kg	0.23	0.039	1	03/21/2025 09:30	03/21/2025 17:28	T
4-Bromophenyl Phenyl Ether	0.058 U	mg/Kg	0.23	0.058	1	03/21/2025 09:30	03/21/2025 17:28	T
4-Chloro-3-methylphenol	0.048 U	mg/Kg	0.23	0.048	1	03/21/2025 09:30	03/21/2025 17:28	T
4-Chloroaniline	0.023 U	mg/Kg	0.23	0.023	1	03/21/2025 09:30	03/21/2025 17:28	T
4-Chlorophenyl Phenyl Ether	0.050 U	mg/Kg	0.23	0.050	1	03/21/2025 09:30	03/21/2025 17:28	T
4-Dimethyl aminoazobenzene	0.067 U	mg/Kg	0.23	0.067	1	03/21/2025 09:30	03/21/2025 17:28	T
4-Nitroaniline	0.065 U	mg/Kg	0.23	0.065	1	03/21/2025 09:30	03/21/2025 17:28	T
4-Nitrophenol	0.064 U	mg/Kg	0.23	0.064	1	03/21/2025 09:30	03/21/2025 17:28	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

Analytical Results

Lab ID: G2502693001
Sample ID: HA-3 4-6

Date Collected: 03/14/2025 09:35
Date Received: 03/14/2025 11:25

Matrix: Soil

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
7,12-Dimethylbenz[a]anthracene	0.092 U	mg/Kg	0.23	0.092	1	03/21/2025 09:30	03/21/2025 17:28	T
Acenaphthene	0.0052 U	mg/Kg	0.23	0.0052	1	03/21/2025 09:30	03/21/2025 17:28	T
Acenaphthylene	0.0058 U	mg/Kg	0.23	0.0058	1	03/21/2025 09:30	03/21/2025 17:28	T
Acetophenone	0.039 U	mg/Kg	0.23	0.039	1	03/21/2025 09:30	03/21/2025 17:28	T
Aniline	0.050 U	mg/Kg	0.23	0.050	1	03/21/2025 09:30	03/21/2025 17:28	T
Anthracene	0.0058 U	mg/Kg	0.23	0.0058	1	03/21/2025 09:30	03/21/2025 17:28	T
Benzidine	0.045 U	mg/Kg	0.23	0.045	1	03/21/2025 09:30	03/21/2025 17:28	T
Benzo[a]anthracene	0.0052 U	mg/Kg	0.23	0.0052	1	03/21/2025 09:30	03/21/2025 17:28	T
Benzo[a]pyrene	0.0049 U	mg/Kg	0.23	0.0049	1	03/21/2025 09:30	03/21/2025 17:28	T
Benzo[b]fluoranthene	0.0073 U	mg/Kg	0.23	0.0073	1	03/21/2025 09:30	03/21/2025 17:28	T
Benzo[g,h,i]perylene	0.0043 U	mg/Kg	0.23	0.0043	1	03/21/2025 09:30	03/21/2025 17:28	T
Benzo[k]fluoranthene	0.0076 U	mg/Kg	0.23	0.0076	1	03/21/2025 09:30	03/21/2025 17:28	T
Benzoic Acid	0.22 U	mg/Kg	0.23	0.22	1	03/21/2025 09:30	03/21/2025 17:28	T
Benzyl Alcohol	0.045 U	mg/Kg	0.23	0.045	1	03/21/2025 09:30	03/21/2025 17:28	T
Butyl benzyl phthalate	0.032 U	mg/Kg	0.23	0.032	1	03/21/2025 09:30	03/21/2025 17:28	T
Carbazole	0.0046 U	mg/Kg	0.23	0.0046	1	03/21/2025 09:30	03/21/2025 17:28	T
Chrysene	0.0058 U	mg/Kg	0.23	0.0058	1	03/21/2025 09:30	03/21/2025 17:28	T
Di-n-Butyl Phthalate	0.047 U	mg/Kg	0.23	0.047	1	03/21/2025 09:30	03/21/2025 17:28	T
Di-n-octyl Phthalate	0.030 U	mg/Kg	0.23	0.030	1	03/21/2025 09:30	03/21/2025 17:28	T
Dibenzo[a,h]anthracene	0.0044 U	mg/Kg	0.23	0.0044	1	03/21/2025 09:30	03/21/2025 17:28	T
Dibenzofuran	0.0061 U	mg/Kg	0.23	0.0061	1	03/21/2025 09:30	03/21/2025 17:28	T
Diethyl phthalate	0.044 U	mg/Kg	0.23	0.044	1	03/21/2025 09:30	03/21/2025 17:28	T
Dimethyl phthalate	0.043 U	mg/Kg	0.23	0.043	1	03/21/2025 09:30	03/21/2025 17:28	T
Ethyl methanesulfonate	0.058 U	mg/Kg	0.23	0.058	1	03/21/2025 09:30	03/21/2025 17:28	T
Fluoranthene	0.055 U	mg/Kg	0.23	0.055	1	03/21/2025 09:30	03/21/2025 17:28	T
Fluorene	0.0051 U	mg/Kg	0.23	0.0051	1	03/21/2025 09:30	03/21/2025 17:28	T
Hexachlorobenzene	0.067 U	mg/Kg	0.23	0.067	1	03/21/2025 09:30	03/21/2025 17:28	T

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Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

Analytical Results

Lab ID: G2502693001
Sample ID: HA-3 4-6

Date Collected: 03/14/2025 09:35
Date Received: 03/14/2025 11:25

Matrix: Soil

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Hexachlorobutadiene	0.038 U	mg/Kg	0.23	0.038	1	03/21/2025 09:30	03/21/2025 17:28	T
Hexachlorocyclopentadiene	0.038 U	mg/Kg	0.23	0.038	1	03/21/2025 09:30	03/21/2025 17:28	T
Hexachloroethane	0.032 U	mg/Kg	0.23	0.032	1	03/21/2025 09:30	03/21/2025 17:28	T
Indeno(1,2,3-cd)pyrene	0.0045 U	mg/Kg	0.23	0.0045	1	03/21/2025 09:30	03/21/2025 17:28	T
Isophorone	0.026 U	mg/Kg	0.23	0.026	1	03/21/2025 09:30	03/21/2025 17:28	T
Methyl Methanesulfonate	0.041 U	mg/Kg	0.23	0.041	1	03/21/2025 09:30	03/21/2025 17:28	T
N-Nitrosodi-n-butylamine	0.040 U	mg/Kg	0.23	0.040	1	03/21/2025 09:30	03/21/2025 17:28	T
N-Nitrosodi-n-propylamine	0.041 U	mg/Kg	0.23	0.041	1	03/21/2025 09:30	03/21/2025 17:28	T
N-Nitrosodimethylamine	0.010 U	mg/Kg	0.23	0.010	1	03/21/2025 09:30	03/21/2025 17:28	T
N-Nitrosodiphenylamine	0.030 U	mg/Kg	0.23	0.030	1	03/21/2025 09:30	03/21/2025 17:28	T
N-Nitrosopiperidine	0.027 U	mg/Kg	0.23	0.027	1	03/21/2025 09:30	03/21/2025 17:28	T
Naphthalene	0.0055 U	mg/Kg	0.23	0.0055	1	03/21/2025 09:30	03/21/2025 17:28	T
Nitrobenzene	0.055 U	mg/Kg	0.23	0.055	1	03/21/2025 09:30	03/21/2025 17:28	T
Pentachlorobenzene	0.068 U	mg/Kg	0.23	0.068	1	03/21/2025 09:30	03/21/2025 17:28	T
Pentachloronitrobenzene	0.072 U	mg/Kg	0.23	0.072	1	03/21/2025 09:30	03/21/2025 17:28	T
Pentachlorophenol	0.076 U	mg/Kg	0.23	0.076	1	03/21/2025 09:30	03/21/2025 17:28	T
Phenacetin	0.077 U	mg/Kg	0.23	0.077	1	03/21/2025 09:30	03/21/2025 17:28	T
Phenanthrene	0.0065 U	mg/Kg	0.23	0.0065	1	03/21/2025 09:30	03/21/2025 17:28	T
Phenol	0.045 U	mg/Kg	0.23	0.045	1	03/21/2025 09:30	03/21/2025 17:28	T
Pronamide (Kerb)	0.062 U	mg/Kg	0.23	0.062	1	03/21/2025 09:30	03/21/2025 17:28	T
Pyrene	0.0049 U	mg/Kg	0.23	0.0049	1	03/21/2025 09:30	03/21/2025 17:28	T
Pyridine	0.069 U	mg/Kg	0.23	0.069	1	03/21/2025 09:30	03/21/2025 17:28	T
a,a-Dimethylphenethylamine	0.041 U	mg/Kg	0.23	0.041	1	03/21/2025 09:30	03/21/2025 17:28	T
bis(2-Chloroethoxy)methane	0.033 U	mg/Kg	0.23	0.033	1	03/21/2025 09:30	03/21/2025 17:28	T
bis(2-Chloroethyl)Ether	0.047 U	mg/Kg	0.23	0.047	1	03/21/2025 09:30	03/21/2025 17:28	T
bis(2-Chloroisopropyl) Ether	0.042 U	mg/Kg	0.23	0.042	1	03/21/2025 09:30	03/21/2025 17:28	T
bis(2-Ethylhexyl) phthalate	0.036 U	mg/Kg	0.23	0.036	1	03/21/2025 09:30	03/21/2025 17:28	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

Analytical Results

Lab ID: G2502693001	Date Collected: 03/14/2025 09:35			Matrix: Soil				
Sample ID: HA-3 4-6	Date Received: 03/14/2025 11:25							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
(SM 2540G)								
Percent Moisture	13	%	0.0010	0.0010	1	03/18/2025 08:30	03/18/2025 08:30	T
VOLATILES (SW-846 5035/SW-846 8260D)								
1,1,1,2-Tetrachloroethane	0.0011 U	mg/Kg	0.0034	0.0011	1	03/17/2025 10:46	03/17/2025 14:21	T
1,1,1-Trichloroethane	0.00080 U	mg/Kg	0.0034	0.00080	1	03/17/2025 10:46	03/17/2025 14:21	T
1,1,2,2-Tetrachloroethane	0.00059 U	mg/Kg	0.0034	0.00059	1	03/17/2025 10:46	03/17/2025 14:21	T
1,1,2-Trichloroethane	0.00056 U	mg/Kg	0.0034	0.00056	1	03/17/2025 10:46	03/17/2025 14:21	T
1,1-Dichloroethane	0.00081 U	mg/Kg	0.0034	0.00081	1	03/17/2025 10:46	03/17/2025 14:21	T
1,1-Dichloroethylene	0.00084 U	mg/Kg	0.0034	0.00084	1	03/17/2025 10:46	03/17/2025 14:21	T
1,1-Dichloropropene	0.00056 U	mg/Kg	0.0034	0.00056	1	03/17/2025 10:46	03/17/2025 14:21	T
1,2,3-Trichlorobenzene	0.00092 U	mg/Kg	0.0034	0.00092	1	03/17/2025 10:46	03/17/2025 14:21	T
1,2,3-Trichloropropane	0.0019 U	mg/Kg	0.0034	0.0019	1	03/17/2025 10:46	03/17/2025 14:21	T
1,2,4-Trichlorobenzene	0.00075 U	mg/Kg	0.0034	0.00075	1	03/17/2025 10:46	03/17/2025 14:21	T
1,2,4-Trimethylbenzene	0.0010 U	mg/Kg	0.0034	0.0010	1	03/17/2025 10:46	03/17/2025 14:21	T
1,2-Dibromo-3-Chloropropane	0.0015 U	mg/Kg	0.0034	0.0015	1	03/17/2025 10:46	03/17/2025 14:21	T
1,2-Dichlorobenzene	0.00055 U	mg/Kg	0.0034	0.00055	1	03/17/2025 10:46	03/17/2025 14:21	T
1,2-Dichloroethane	0.00090 U	mg/Kg	0.0034	0.00090	1	03/17/2025 10:46	03/17/2025 14:21	T
1,2-Dichloropropane	0.00062 U	mg/Kg	0.0034	0.00062	1	03/17/2025 10:46	03/17/2025 14:21	T
1,3,5-Trimethylbenzene	0.00077 U	mg/Kg	0.0034	0.00077	1	03/17/2025 10:46	03/17/2025 14:21	T
1,3-Dichlorobenzene	0.00063 U	mg/Kg	0.0034	0.00063	1	03/17/2025 10:46	03/17/2025 14:21	T
1,3-Dichloropropane	0.00049 U	mg/Kg	0.0034	0.00049	1	03/17/2025 10:46	03/17/2025 14:21	T
1,4-Dichlorobenzene	0.00076 U	mg/Kg	0.0034	0.00076	1	03/17/2025 10:46	03/17/2025 14:21	T
2,2-Dichloropropane	0.0013 U	mg/Kg	0.0034	0.0013	1	03/17/2025 10:46	03/17/2025 14:21	T
2-Butanone (MEK)	0.0012 U	mg/Kg	0.0034	0.0012	1	03/17/2025 10:46	03/17/2025 14:21	T





FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

Analytical Results

Lab ID: G2502693001	Date Collected: 03/14/2025 09:35				Matrix: Soil			
Sample ID: HA-3 4-6	Date Received: 03/14/2025 11:25							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
2-Chloroethyl Vinyl Ether	0.0030 U	mg/Kg	0.0034	0.0030	1	03/17/2025 10:46	03/17/2025 14:21	T
2-Chlorotoluene	0.00077 U	mg/Kg	0.0034	0.00077	1	03/17/2025 10:46	03/17/2025 14:21	T
2-Hexanone	0.0018 U	mg/Kg	0.0034	0.0018	1	03/17/2025 10:46	03/17/2025 14:21	T
4-Chlorotoluene	0.00085 U	mg/Kg	0.0034	0.00085	1	03/17/2025 10:46	03/17/2025 14:21	T
4-Methyl-2-pentanone (MIBK)	0.00078 U	mg/Kg	0.0034	0.00078	1	03/17/2025 10:46	03/17/2025 14:21	T
Acetone	0.027	mg/Kg	0.0034	0.0025	1	03/17/2025 10:46	03/17/2025 14:21	T
Acrolein (Propenal)	0.0071 U	mg/Kg	0.017	0.0071	1	03/17/2025 10:46	03/17/2025 14:21	T
Acrylonitrile	0.00060 U	mg/Kg	0.0034	0.00060	1	03/17/2025 10:46	03/17/2025 14:21	T
Benzene	0.00057 U	mg/Kg	0.0034	0.00057	1	03/17/2025 10:46	03/17/2025 14:21	T
Bromobenzene	0.00064 U	mg/Kg	0.0034	0.00064	1	03/17/2025 10:46	03/17/2025 14:21	T
Bromochloromethane	0.00074 U	mg/Kg	0.0034	0.00074	1	03/17/2025 10:46	03/17/2025 14:21	T
Bromodichloromethane	0.00061 U	mg/Kg	0.0034	0.00061	1	03/17/2025 10:46	03/17/2025 14:21	T
Bromoform	0.0023 U	mg/Kg	0.0034	0.0023	1	03/17/2025 10:46	03/17/2025 14:21	T
Bromomethane	0.0014 U	mg/Kg	0.0034	0.0014	1	03/17/2025 10:46	03/17/2025 14:21	T
Carbon Disulfide	0.00098 U	mg/Kg	0.0034	0.00098	1	03/17/2025 10:46	03/17/2025 14:21	T
Carbon Tetrachloride	0.00097 U	mg/Kg	0.0034	0.00097	1	03/17/2025 10:46	03/17/2025 14:21	T
Chlorobenzene	0.00051 U	mg/Kg	0.0034	0.00051	1	03/17/2025 10:46	03/17/2025 14:21	T
Chloroethane	0.0017 U	mg/Kg	0.0034	0.0017	1	03/17/2025 10:46	03/17/2025 14:21	T
Chloroform	0.0016 I	mg/Kg	0.0034	0.00070	1	03/17/2025 10:46	03/17/2025 14:21	T
Chloromethane	0.00079 U	mg/Kg	0.0034	0.00079	1	03/17/2025 10:46	03/17/2025 14:21	T
Dibromochloromethane	0.0020 U	mg/Kg	0.0034	0.0020	1	03/17/2025 10:46	03/17/2025 14:21	T
Dibromomethane	0.00069 U	mg/Kg	0.0034	0.00069	1	03/17/2025 10:46	03/17/2025 14:21	T
Dichlorodifluoromethane	0.0012 U	mg/Kg	0.0034	0.0012	1	03/17/2025 10:46	03/17/2025 14:21	T
Ethylbenzene	0.00041 U	mg/Kg	0.0034	0.00041	1	03/17/2025 10:46	03/17/2025 14:21	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

Analytical Results

Lab ID: G2502693001	Date Collected: 03/14/2025 09:35					Matrix: Soil				
Sample ID: HA-3 4-6	Date Received: 03/14/2025 11:25									
Parameter	Results	Units	PQL	MDL	DF	Prepared		Analyzed		Lab
Ethylene Dibromide (EDB)	0.00057 U	mg/Kg	0.0034	0.00057	1	03/17/2025 10:46		03/17/2025 14:21		T
Hexachlorobutadiene	0.0018 U	mg/Kg	0.0034	0.0018	1	03/17/2025 10:46		03/17/2025 14:21		T
Iodomethane (Methyl Iodide)	0.0024 U	mg/Kg	0.0034	0.0024	1	03/17/2025 10:46		03/17/2025 14:21		T
Isopropylbenzene	0.00072 U	mg/Kg	0.0034	0.00072	1	03/17/2025 10:46		03/17/2025 14:21		T
Methyl tert-butyl Ether (MTBE)	0.0011 U	mg/Kg	0.0034	0.0011	1	03/17/2025 10:46		03/17/2025 14:21		T
Methylene Chloride	0.0046 U	mg/Kg	0.0057	0.0046	1	03/17/2025 10:46		03/17/2025 14:21		T
Naphthalene	0.0016 U	mg/Kg	0.0034	0.0016	1	03/17/2025 10:46		03/17/2025 14:21		T
Styrene	0.00046 U	mg/Kg	0.0034	0.00046	1	03/17/2025 10:46		03/17/2025 14:21		T
Tetrachloroethylene (PCE)	0.00065 U	mg/Kg	0.0034	0.00065	1	03/17/2025 10:46		03/17/2025 14:21		T
Toluene	0.00042 U	mg/Kg	0.0034	0.00042	1	03/17/2025 10:46		03/17/2025 14:21		T
Trichloroethene	0.00085 U	mg/Kg	0.0034	0.00085	1	03/17/2025 10:46		03/17/2025 14:21		T
Trichlorofluoromethane	0.00076 U	mg/Kg	0.0034	0.00076	1	03/17/2025 10:46		03/17/2025 14:21		T
Vinyl Acetate	0.0017 U	mg/Kg	0.0034	0.0017	1	03/17/2025 10:46		03/17/2025 14:21		T
Vinyl Chloride	0.00066 U	mg/Kg	0.0034	0.00066	1	03/17/2025 10:46		03/17/2025 14:21		T
Xylene (Total)	0.0015 U	mg/Kg	0.0069	0.0015	1	03/17/2025 10:46		03/17/2025 14:21		T
cis-1,2-Dichloroethylene	0.00068 U	mg/Kg	0.0034	0.00068	1	03/17/2025 10:46		03/17/2025 14:21		T
cis-1,3-Dichloropropene	0.0024 U	mg/Kg	0.0034	0.0024	1	03/17/2025 10:46		03/17/2025 14:21		T
n-Butylbenzene	0.00094 U	mg/Kg	0.0034	0.00094	1	03/17/2025 10:46		03/17/2025 14:21		T
n-propylbenzene	0.00080 U	mg/Kg	0.0034	0.00080	1	03/17/2025 10:46		03/17/2025 14:21		T
sec-butylbenzene	0.00077 U	mg/Kg	0.0034	0.00077	1	03/17/2025 10:46		03/17/2025 14:21		T
tert-butylbenzene	0.0010 U	mg/Kg	0.0034	0.0010	1	03/17/2025 10:46		03/17/2025 14:21		T
trans-1,2-Dichloroethylene	0.00070 U	mg/Kg	0.0034	0.00070	1	03/17/2025 10:46		03/17/2025 14:21		T
trans-1,3-Dichloropropylene	0.0021 U	mg/Kg	0.0034	0.0021	1	03/17/2025 10:46		03/17/2025 14:21		T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

Analytical Results

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Nitrobenzene-d5 (S)	mg/Kg	2	1.30	67	21 - 118	T
Tetrachloro-m-xylene (S)	ug/Kg	40	27	67	44 - 130	T
2,4,6-Tribromophenol (S)	mg/Kg	2	1.40	70	41 - 124	T^
2-Fluorophenol (S)	mg/Kg	2	1.60	78	10 - 126	T^
Decachlorobiphenyl (S)	ug/Kg	20	14	71	61 - 147	T
Phenol-d6 (S)	mg/Kg	2	1.50	77	4 - 137	T
Toluene-d8 (S)	ug/Kg	50	53	106	72 - 122	T
Tetrachloro-m-xylene (S)	ug/Kg	40	26	65	42 - 129	T
Decachlorobiphenyl (S)	ug/Kg	20	16	79	63 - 130	T
o-Terphenyl (S)	mg/Kg	2	1.50	74	66 - 136	T
1,2-Dichloroethane-d4 (S)	ug/Kg	50	64	127	69 - 134	T
p-Terphenyl-d14 (S)	mg/Kg	2	1.50	74	18 - 151	T
Bromofluorobenzene (S)	ug/Kg	50	56	113	79 - 126	T
2-Fluorobiphenyl (S)	mg/Kg	2	1.40	70	12 - 130	T
Nonatricontane-C39 (S)	mg/Kg	6	4.10	68	36 - 132	T





FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

Analytical Results

Lab ID:	G2502693002		Date Collected:	03/14/2025 09:30		Matrix:	Soil	
Sample ID:	HA-7 05-2		Date Received:	03/14/2025 11:25				
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	0.14 U	mg/Kg	0.28	0.14	1	03/17/2025 13:55	03/18/2025 12:26	T
Barium	1.5	mg/Kg	0.28	0.14	1	03/17/2025 13:55	03/18/2025 12:26	T
Cadmium	0.028 U	mg/Kg	0.055	0.028	1	03/17/2025 13:55	03/18/2025 12:26	T
Chromium	0.68	mg/Kg	0.28	0.22	1	03/17/2025 13:55	03/18/2025 12:26	T
Lead	0.53	mg/Kg	0.28	0.14	1	03/17/2025 13:55	03/18/2025 12:26	T
Selenium	0.55 U	mg/Kg	2.8	0.55	1	03/17/2025 13:55	03/18/2025 12:26	T
Silver	0.22 U	mg/Kg	0.28	0.22	1	03/17/2025 13:55	03/18/2025 12:26	T
METALS (SW-846 7471A)								
Mercury	0.011	mg/Kg	0.0068	0.0033	2	03/21/2025 09:00	03/25/2025 11:00	T
SEMIVOLATILES (EPA 3546/EPA 8081)								
4,4' -DDD	0.0015 U	mg/Kg	0.0021	0.0015	1	03/18/2025 12:30	03/19/2025 15:46	T
4,4' -DDE	0.00029 U	mg/Kg	0.0021	0.00029	1	03/18/2025 12:30	03/19/2025 15:46	T
4,4' -DDT	0.00065 U	mg/Kg	0.0021	0.00065	1	03/18/2025 12:30	03/19/2025 15:46	T
Aldrin	0.00062 U	mg/Kg	0.0021	0.00062	1	03/18/2025 12:30	03/19/2025 15:46	T
Chlordane (technical)	0.016 U	mg/Kg	0.021	0.016	1	03/18/2025 12:30	03/19/2025 15:46	T
Dieldrin	0.0012 U	mg/Kg	0.0021	0.0012	1	03/18/2025 12:30	03/19/2025 15:46	T
Endosulfan I	0.00027 U	mg/Kg	0.0021	0.00027	1	03/18/2025 12:30	03/19/2025 15:46	T
Endosulfan II	0.00027 U	mg/Kg	0.0021	0.00027	1	03/18/2025 12:30	03/19/2025 15:46	T
Endosulfan Sulfate	0.0011 U	mg/Kg	0.0021	0.0011	1	03/18/2025 12:30	03/19/2025 15:46	T
Endrin	0.00041 U	mg/Kg	0.0021	0.00041	1	03/18/2025 12:30	03/19/2025 15:46	T
Endrin Aldehyde	0.00079 U	mg/Kg	0.0021	0.00079	1	03/18/2025 12:30	03/19/2025 15:46	T
Heptachlor	0.00085 U	mg/Kg	0.0021	0.00085	1	03/18/2025 12:30	03/19/2025 15:46	T
Heptachlor Epoxide	0.00065 U	mg/Kg	0.0021	0.00065	1	03/18/2025 12:30	03/19/2025 15:46	T
Methoxychlor	0.00059 U	mg/Kg	0.0021	0.00059	1	03/18/2025 12:30	03/19/2025 15:46	T





FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

Analytical Results

Lab ID:	G2502693002	Date Collected:				03/14/2025 09:30	Matrix:	Soil
Sample ID:	HA-7 05-2	Date Received:				03/14/2025 11:25		
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Toxaphene	0.018 U	mg/Kg	0.021	0.018	1	03/18/2025 12:30	03/19/2025 15:46	T
alpha-BHC	0.00056 U	mg/Kg	0.0021	0.00056	1	03/18/2025 12:30	03/19/2025 15:46	T
beta-BHC	0.00063 U	mg/Kg	0.0021	0.00063	1	03/18/2025 12:30	03/19/2025 15:46	T
delta-BHC	0.00065 U	mg/Kg	0.0021	0.00065	1	03/18/2025 12:30	03/19/2025 15:46	T
gamma-BHC (Lindane)	0.00046 U	mg/Kg	0.0021	0.00046	1	03/18/2025 12:30	03/19/2025 15:46	T
SEMIVOLATILES (EPA 3546/SW-846 8082A)								
Aroclor 1016 (PCB-1016)	0.011 U	mg/Kg	0.013	0.011	1	03/18/2025 12:30	03/19/2025 15:46	T
Aroclor 1221 (PCB-1221)	0.011 U	mg/Kg	0.013	0.011	1	03/18/2025 12:30	03/19/2025 15:46	T
Aroclor 1232 (PCB-1232)	0.011 U	mg/Kg	0.013	0.011	1	03/18/2025 12:30	03/19/2025 15:46	T
Aroclor 1242 (PCB-1242)	0.011 U	mg/Kg	0.013	0.011	1	03/18/2025 12:30	03/19/2025 15:46	T
Aroclor 1248 (PCB-1248)	0.011 U	mg/Kg	0.013	0.011	1	03/18/2025 12:30	03/19/2025 15:46	T
Aroclor 1254 (PCB-1254)	0.011 U	mg/Kg	0.013	0.011	1	03/18/2025 12:30	03/19/2025 15:46	T
Aroclor 1260 (PCB-1260)	0.011 U	mg/Kg	0.013	0.011	1	03/18/2025 12:30	03/19/2025 15:46	T
SEMIVOLATILES (FL-PRO)								
TPH	5.1 U	mg/Kg	14	5.1	1	03/21/2025 11:00	03/22/2025 14:29	T
SEMIVOLATILES (SW-846 3550B/SW-846 8270E)								
1,2,4,5-Tetrachlorobenzene	0.039 U	mg/Kg	0.21	0.039	1	03/21/2025 09:30	03/21/2025 18:05	T
1,2,4-Trichlorobenzene	0.031 U	mg/Kg	0.21	0.031	1	03/21/2025 09:30	03/21/2025 18:05	T
1,2-Dichlorobenzene	0.042 U	mg/Kg	0.21	0.042	1	03/21/2025 09:30	03/21/2025 18:05	T
1,2-Diphenylhydrazine	0.080 U	mg/Kg	0.21	0.080	1	03/21/2025 09:30	03/21/2025 18:05	T
1,3-Dichlorobenzene	0.022 U	mg/Kg	0.21	0.022	1	03/21/2025 09:30	03/21/2025 18:05	T
1,4-Dichlorobenzene	0.047 U	mg/Kg	0.21	0.047	1	03/21/2025 09:30	03/21/2025 18:05	T
1-Methylnaphthalene	0.0040 U	mg/Kg	0.21	0.0040	1	03/21/2025 09:30	03/21/2025 18:05	T
1-Naphthylamine	0.055 U	mg/Kg	0.21	0.055	1	03/21/2025 09:30	03/21/2025 18:05	T
2,3,4,6-Tetrachlorophenol	0.043 U	mg/Kg	0.21	0.043	1	03/21/2025 09:30	03/21/2025 18:05	T
2,4,5-Trichlorophenol	0.076 U	mg/Kg	0.21	0.076	1	03/21/2025 09:30	03/21/2025 18:05	T
2,4,6-Trichlorophenol	0.039 U	mg/Kg	0.21	0.039	1	03/21/2025 09:30	03/21/2025 18:05	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

Analytical Results

Lab ID: G2502693002
Sample ID: HA-7 05-2

Date Collected: 03/14/2025 09:30
Date Received: 03/14/2025 11:25

Matrix: Soil

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
2,4-Dichlorophenol	0.044 U	mg/Kg	0.21	0.044	1	03/21/2025 09:30	03/21/2025 18:05	T
2,4-Dimethylphenol	0.044 U	mg/Kg	0.21	0.044	1	03/21/2025 09:30	03/21/2025 18:05	T
2,4-Dinitrophenol	0.13 U	mg/Kg	0.21	0.13	1	03/21/2025 09:30	03/21/2025 18:05	T
2,4-Dinitrotoluene (2,4-DNT)	0.066 U	mg/Kg	0.21	0.066	1	03/21/2025 09:30	03/21/2025 18:05	T
2,6-Dichlorophenol	0.031 U	mg/Kg	0.21	0.031	1	03/21/2025 09:30	03/21/2025 18:05	T
2,6-Dinitrotoluene (2,6-DNT)	0.053 U	mg/Kg	0.21	0.053	1	03/21/2025 09:30	03/21/2025 18:05	T
2-Chloronaphthalene	0.040 U	mg/Kg	0.21	0.040	1	03/21/2025 09:30	03/21/2025 18:05	T
2-Chlorophenol	0.037 U	mg/Kg	0.21	0.037	1	03/21/2025 09:30	03/21/2025 18:05	T
2-Methyl-4,6-dinitrophenol	0.047 U	mg/Kg	0.21	0.047	1	03/21/2025 09:30	03/21/2025 18:05	T
2-Methylnaphthalene	0.0050 U	mg/Kg	0.21	0.0050	1	03/21/2025 09:30	03/21/2025 18:05	T
2-Methylphenol (o-Cresol)	0.040 U	mg/Kg	0.21	0.040	1	03/21/2025 09:30	03/21/2025 18:05	T
2-Naphthylamine	0.041 U	mg/Kg	0.21	0.041	1	03/21/2025 09:30	03/21/2025 18:05	T
2-Nitroaniline	0.060 U	mg/Kg	0.21	0.060	1	03/21/2025 09:30	03/21/2025 18:05	T
2-Nitrophenol	0.046 U	mg/Kg	0.21	0.046	1	03/21/2025 09:30	03/21/2025 18:05	T
2-Picoline (2-Methylpyridine)	0.10 U	mg/Kg	0.21	0.10	1	03/21/2025 09:30	03/21/2025 18:05	T
3+4-Methylphenol(mp-Cresol)	0.051 U	mg/Kg	0.21	0.051	1	03/21/2025 09:30	03/21/2025 18:05	T
3,3'-Dichlorobenzidine	0.029 U	mg/Kg	0.21	0.029	1	03/21/2025 09:30	03/21/2025 18:05	T
3-Methylcholanthrene	0.079 U	mg/Kg	0.21	0.079	1	03/21/2025 09:30	03/21/2025 18:05	T
3-Nitroaniline	0.060 U	mg/Kg	0.21	0.060	1	03/21/2025 09:30	03/21/2025 18:05	T
4-Aminobiphenyl	0.036 U	mg/Kg	0.21	0.036	1	03/21/2025 09:30	03/21/2025 18:05	T
4-Bromophenyl Phenyl Ether	0.054 U	mg/Kg	0.21	0.054	1	03/21/2025 09:30	03/21/2025 18:05	T
4-Chloro-3-methylphenol	0.044 U	mg/Kg	0.21	0.044	1	03/21/2025 09:30	03/21/2025 18:05	T
4-Chloroaniline	0.021 U	mg/Kg	0.21	0.021	1	03/21/2025 09:30	03/21/2025 18:05	T
4-Chlorophenyl Phenyl Ether	0.046 U	mg/Kg	0.21	0.046	1	03/21/2025 09:30	03/21/2025 18:05	T
4-Dimethyl aminoazobenzene	0.061 U	mg/Kg	0.21	0.061	1	03/21/2025 09:30	03/21/2025 18:05	T
4-Nitroaniline	0.060 U	mg/Kg	0.21	0.060	1	03/21/2025 09:30	03/21/2025 18:05	T
4-Nitrophenol	0.059 U	mg/Kg	0.21	0.059	1	03/21/2025 09:30	03/21/2025 18:05	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

Analytical Results

Lab ID: G2502693002	Date Collected: 03/14/2025 09:30					Matrix: Soil		
Sample ID: HA-7 05-2	Date Received: 03/14/2025 11:25							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
7,12-Dimethylbenz[a]anthracene	0.084 U	mg/Kg	0.21	0.084	1	03/21/2025 09:30	03/21/2025 18:05	T
Acenaphthene	0.0048 U	mg/Kg	0.21	0.0048	1	03/21/2025 09:30	03/21/2025 18:05	T
Acenaphthylene	0.0054 U	mg/Kg	0.21	0.0054	1	03/21/2025 09:30	03/21/2025 18:05	T
Acetophenone	0.036 U	mg/Kg	0.21	0.036	1	03/21/2025 09:30	03/21/2025 18:05	T
Aniline	0.046 U	mg/Kg	0.21	0.046	1	03/21/2025 09:30	03/21/2025 18:05	T
Anthracene	0.0053 U	mg/Kg	0.21	0.0053	1	03/21/2025 09:30	03/21/2025 18:05	T
Benzidine	0.041 U	mg/Kg	0.21	0.041	1	03/21/2025 09:30	03/21/2025 18:05	T
Benzo[a]anthracene	0.0048 U	mg/Kg	0.21	0.0048	1	03/21/2025 09:30	03/21/2025 18:05	T
Benzo[a]pyrene	0.0045 U	mg/Kg	0.21	0.0045	1	03/21/2025 09:30	03/21/2025 18:05	T
Benzo[b]fluoranthene	0.0066 U	mg/Kg	0.21	0.0066	1	03/21/2025 09:30	03/21/2025 18:05	T
Benzo[g,h,i]perylene	0.0039 U	mg/Kg	0.21	0.0039	1	03/21/2025 09:30	03/21/2025 18:05	T
Benzo[k]fluoranthene	0.0070 U	mg/Kg	0.21	0.0070	1	03/21/2025 09:30	03/21/2025 18:05	T
Benzoic Acid	0.20 U	mg/Kg	0.21	0.20	1	03/21/2025 09:30	03/21/2025 18:05	T
Benzyl Alcohol	0.041 U	mg/Kg	0.21	0.041	1	03/21/2025 09:30	03/21/2025 18:05	T
Butyl benzyl phthalate	0.029 U	mg/Kg	0.21	0.029	1	03/21/2025 09:30	03/21/2025 18:05	T
Carbazole	0.0042 U	mg/Kg	0.21	0.0042	1	03/21/2025 09:30	03/21/2025 18:05	T
Chrysene	0.0053 U	mg/Kg	0.21	0.0053	1	03/21/2025 09:30	03/21/2025 18:05	T
Di-n-Butyl Phthalate	0.043 U	mg/Kg	0.21	0.043	1	03/21/2025 09:30	03/21/2025 18:05	T
Di-n-octyl Phthalate	0.028 U	mg/Kg	0.21	0.028	1	03/21/2025 09:30	03/21/2025 18:05	T
Dibenzo[a,h]anthracene	0.0040 U	mg/Kg	0.21	0.0040	1	03/21/2025 09:30	03/21/2025 18:05	T
Dibenzofuran	0.0056 U	mg/Kg	0.21	0.0056	1	03/21/2025 09:30	03/21/2025 18:05	T
Diethyl phthalate	0.041 U	mg/Kg	0.21	0.041	1	03/21/2025 09:30	03/21/2025 18:05	T
Dimethyl phthalate	0.039 U	mg/Kg	0.21	0.039	1	03/21/2025 09:30	03/21/2025 18:05	T
Ethyl methanesulfonate	0.054 U	mg/Kg	0.21	0.054	1	03/21/2025 09:30	03/21/2025 18:05	T
Fluoranthene	0.051 U	mg/Kg	0.21	0.051	1	03/21/2025 09:30	03/21/2025 18:05	T
Fluorene	0.0046 U	mg/Kg	0.21	0.0046	1	03/21/2025 09:30	03/21/2025 18:05	T
Hexachlorobenzene	0.061 U	mg/Kg	0.21	0.061	1	03/21/2025 09:30	03/21/2025 18:05	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

Analytical Results

Lab ID: G2502693002	Date Collected: 03/14/2025 09:30					Matrix: Soil		
Sample ID: HA-7 05-2	Date Received: 03/14/2025 11:25							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Hexachlorobutadiene	0.034 U	mg/Kg	0.21	0.034	1	03/21/2025 09:30	03/21/2025 18:05	T
Hexachlorocyclopentadiene	0.035 U	mg/Kg	0.21	0.035	1	03/21/2025 09:30	03/21/2025 18:05	T
Hexachloroethane	0.029 U	mg/Kg	0.21	0.029	1	03/21/2025 09:30	03/21/2025 18:05	T
Indeno(1,2,3-cd)pyrene	0.0041 U	mg/Kg	0.21	0.0041	1	03/21/2025 09:30	03/21/2025 18:05	T
Isophorone	0.023 U	mg/Kg	0.21	0.023	1	03/21/2025 09:30	03/21/2025 18:05	T
Methyl Methanesulfonate	0.037 U	mg/Kg	0.21	0.037	1	03/21/2025 09:30	03/21/2025 18:05	T
N-Nitrosodi-n-butylamine	0.036 U	mg/Kg	0.21	0.036	1	03/21/2025 09:30	03/21/2025 18:05	T
N-Nitrosodi-n-propylamine	0.037 U	mg/Kg	0.21	0.037	1	03/21/2025 09:30	03/21/2025 18:05	T
N-Nitrosodimethylamine	0.0094 U	mg/Kg	0.21	0.0094	1	03/21/2025 09:30	03/21/2025 18:05	T
N-Nitrosodiphenylamine	0.028 U	mg/Kg	0.21	0.028	1	03/21/2025 09:30	03/21/2025 18:05	T
N-Nitrosopiperidine	0.024 U	mg/Kg	0.21	0.024	1	03/21/2025 09:30	03/21/2025 18:05	T
Naphthalene	0.0050 U	mg/Kg	0.21	0.0050	1	03/21/2025 09:30	03/21/2025 18:05	T
Nitrobenzene	0.050 U	mg/Kg	0.21	0.050	1	03/21/2025 09:30	03/21/2025 18:05	T
Pentachlorobenzene	0.063 U	mg/Kg	0.21	0.063	1	03/21/2025 09:30	03/21/2025 18:05	T
Pentachloronitrobenzene	0.066 U	mg/Kg	0.21	0.066	1	03/21/2025 09:30	03/21/2025 18:05	T
Pentachlorophenol	0.070 U	mg/Kg	0.21	0.070	1	03/21/2025 09:30	03/21/2025 18:05	T
Phenacetin	0.071 U	mg/Kg	0.21	0.071	1	03/21/2025 09:30	03/21/2025 18:05	T
Phenanthrene	0.0059 U	mg/Kg	0.21	0.0059	1	03/21/2025 09:30	03/21/2025 18:05	T
Phenol	0.041 U	mg/Kg	0.21	0.041	1	03/21/2025 09:30	03/21/2025 18:05	T
Pronamide (Kerb)	0.056 U	mg/Kg	0.21	0.056	1	03/21/2025 09:30	03/21/2025 18:05	T
Pyrene	0.0045 U	mg/Kg	0.21	0.0045	1	03/21/2025 09:30	03/21/2025 18:05	T
Pyridine	0.064 U	mg/Kg	0.21	0.064	1	03/21/2025 09:30	03/21/2025 18:05	T
a,a-Dimethylphenethylamine	0.037 U	mg/Kg	0.21	0.037	1	03/21/2025 09:30	03/21/2025 18:05	T
bis(2-Chloroethoxy)methane	0.031 U	mg/Kg	0.21	0.031	1	03/21/2025 09:30	03/21/2025 18:05	T
bis(2-Chloroethyl)Ether	0.043 U	mg/Kg	0.21	0.043	1	03/21/2025 09:30	03/21/2025 18:05	T
bis(2-Chloroisopropyl) Ether	0.038 U	mg/Kg	0.21	0.038	1	03/21/2025 09:30	03/21/2025 18:05	T
bis(2-Ethylhexyl) phthalate	0.033 U	mg/Kg	0.21	0.033	1	03/21/2025 09:30	03/21/2025 18:05	T





FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

Analytical Results

Lab ID: G2502693002	Date Collected: 03/14/2025 09:30		Matrix: Soil					
Sample ID: HA-7 05-2	Date Received: 03/14/2025 11:25							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
(SM 2540G)								
Percent Moisture	6.2	%	0.0010	0.0010	1	03/18/2025 08:30	03/18/2025 08:30	T
VOLATILES (SW-846 5035/SW-846 8260D)								
1,1,1,2-Tetrachloroethane	0.0010 U	mg/Kg	0.0032	0.0010	1	03/17/2025 10:46	03/17/2025 14:48	T
1,1,1-Trichloroethane	0.00074 U	mg/Kg	0.0032	0.00074	1	03/17/2025 10:46	03/17/2025 14:48	T
1,1,2,2-Tetrachloroethane	0.00054 U	mg/Kg	0.0032	0.00054	1	03/17/2025 10:46	03/17/2025 14:48	T
1,1,2-Trichloroethane	0.00052 U	mg/Kg	0.0032	0.00052	1	03/17/2025 10:46	03/17/2025 14:48	T
1,1-Dichloroethane	0.00075 U	mg/Kg	0.0032	0.00075	1	03/17/2025 10:46	03/17/2025 14:48	T
1,1-Dichloroethylene	0.00078 U	mg/Kg	0.0032	0.00078	1	03/17/2025 10:46	03/17/2025 14:48	T
1,1-Dichloropropene	0.00052 U	mg/Kg	0.0032	0.00052	1	03/17/2025 10:46	03/17/2025 14:48	T
1,2,3-Trichlorobenzene	0.00085 U	mg/Kg	0.0032	0.00085	1	03/17/2025 10:46	03/17/2025 14:48	T
1,2,3-Trichloropropane	0.0018 U	mg/Kg	0.0032	0.0018	1	03/17/2025 10:46	03/17/2025 14:48	T
1,2,4-Trichlorobenzene	0.00070 U	mg/Kg	0.0032	0.00070	1	03/17/2025 10:46	03/17/2025 14:48	T
1,2,4-Trimethylbenzene	0.00094 U	mg/Kg	0.0032	0.00094	1	03/17/2025 10:46	03/17/2025 14:48	T
1,2-Dibromo-3-Chloropropane	0.0014 U	mg/Kg	0.0032	0.0014	1	03/17/2025 10:46	03/17/2025 14:48	T
1,2-Dichlorobenzene	0.00051 U	mg/Kg	0.0032	0.00051	1	03/17/2025 10:46	03/17/2025 14:48	T
1,2-Dichloroethane	0.00084 U	mg/Kg	0.0032	0.00084	1	03/17/2025 10:46	03/17/2025 14:48	T
1,2-Dichloropropane	0.00057 U	mg/Kg	0.0032	0.00057	1	03/17/2025 10:46	03/17/2025 14:48	T
1,3,5-Trimethylbenzene	0.00071 U	mg/Kg	0.0032	0.00071	1	03/17/2025 10:46	03/17/2025 14:48	T
1,3-Dichlorobenzene	0.00059 U	mg/Kg	0.0032	0.00059	1	03/17/2025 10:46	03/17/2025 14:48	T
1,3-Dichloropropane	0.00046 U	mg/Kg	0.0032	0.00046	1	03/17/2025 10:46	03/17/2025 14:48	T
1,4-Dichlorobenzene	0.00071 U	mg/Kg	0.0032	0.00071	1	03/17/2025 10:46	03/17/2025 14:48	T
2,2-Dichloropropane	0.0012 U	mg/Kg	0.0032	0.0012	1	03/17/2025 10:46	03/17/2025 14:48	T
2-Butanone (MEK)	0.0011 U	mg/Kg	0.0032	0.0011	1	03/17/2025 10:46	03/17/2025 14:48	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

Analytical Results

Lab ID: G2502693002
Sample ID: HA-7 05-2

Date Collected: 03/14/2025 09:30
Date Received: 03/14/2025 11:25

Matrix: Soil

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
2-Chloroethyl Vinyl Ether	0.0028 U	mg/Kg	0.0032	0.0028	1	03/17/2025 10:46	03/17/2025 14:48	T
2-Chlorotoluene	0.00071 U	mg/Kg	0.0032	0.0007 1	1	03/17/2025 10:46	03/17/2025 14:48	T
2-Hexanone	0.0016 U	mg/Kg	0.0032	0.0016	1	03/17/2025 10:46	03/17/2025 14:48	T
4-Chlorotoluene	0.00079 U	mg/Kg	0.0032	0.0007 9	1	03/17/2025 10:46	03/17/2025 14:48	T
4-Methyl-2-pentanone (MIBK)	0.00072 U	mg/Kg	0.0032	0.0007 2	1	03/17/2025 10:46	03/17/2025 14:48	T
Acetone	0.0023 U	mg/Kg	0.0032	0.0023	1	03/17/2025 10:46	03/17/2025 14:48	T
Acrolein (Propenal)	0.0066 U	mg/Kg	0.016	0.0066	1	03/17/2025 10:46	03/17/2025 14:48	T
Acrylonitrile	0.00056 U	mg/Kg	0.0032	0.0005 6	1	03/17/2025 10:46	03/17/2025 14:48	T
Benzene	0.00053 U	mg/Kg	0.0032	0.0005 3	1	03/17/2025 10:46	03/17/2025 14:48	T
Bromobenzene	0.00059 U	mg/Kg	0.0032	0.0005 9	1	03/17/2025 10:46	03/17/2025 14:48	T
Bromochloromethane	0.00069 U	mg/Kg	0.0032	0.0006 9	1	03/17/2025 10:46	03/17/2025 14:48	T
Bromodichloromethane	0.00056 U	mg/Kg	0.0032	0.0005 6	1	03/17/2025 10:46	03/17/2025 14:48	T
Bromoform	0.0021 U	mg/Kg	0.0032	0.0021	1	03/17/2025 10:46	03/17/2025 14:48	T
Bromomethane	0.0013 U	mg/Kg	0.0032	0.0013	1	03/17/2025 10:46	03/17/2025 14:48	T
Carbon Disulfide	0.00091 U	mg/Kg	0.0032	0.0009 1	1	03/17/2025 10:46	03/17/2025 14:48	T
Carbon Tetrachloride	0.00090 U	mg/Kg	0.0032	0.0009 0	1	03/17/2025 10:46	03/17/2025 14:48	T
Chlorobenzene	0.00047 U	mg/Kg	0.0032	0.0004 7	1	03/17/2025 10:46	03/17/2025 14:48	T
Chloroethane	0.0016 U	mg/Kg	0.0032	0.0016	1	03/17/2025 10:46	03/17/2025 14:48	T
Chloroform	0.0022 I	mg/Kg	0.0032	0.0006 5	1	03/17/2025 10:46	03/17/2025 14:48	T
Chloromethane	0.00073 U	mg/Kg	0.0032	0.0007 3	1	03/17/2025 10:46	03/17/2025 14:48	T
Dibromochloromethane	0.0018 U	mg/Kg	0.0032	0.0018	1	03/17/2025 10:46	03/17/2025 14:48	T
Dibromomethane	0.00065 U	mg/Kg	0.0032	0.0006 5	1	03/17/2025 10:46	03/17/2025 14:48	T
Dichlorodifluoromethane	0.0011 U	mg/Kg	0.0032	0.0011	1	03/17/2025 10:46	03/17/2025 14:48	T
Ethylbenzene	0.00038 U	mg/Kg	0.0032	0.0003 8	1	03/17/2025 10:46	03/17/2025 14:48	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

Analytical Results

Lab ID: G2502693002
Sample ID: HA-7 05-2

Date Collected: 03/14/2025 09:30
Date Received: 03/14/2025 11:25

Matrix: Soil

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Ethylene Dibromide (EDB)	0.00053 U	mg/Kg	0.0032	0.00053	1	03/17/2025 10:46	03/17/2025 14:48	T
Hexachlorobutadiene	0.0017 U	mg/Kg	0.0032	0.0017	1	03/17/2025 10:46	03/17/2025 14:48	T
Iodomethane (Methyl Iodide)	0.0022 U	mg/Kg	0.0032	0.0022	1	03/17/2025 10:46	03/17/2025 14:48	T
Isopropylbenzene	0.00067 U	mg/Kg	0.0032	0.00067	1	03/17/2025 10:46	03/17/2025 14:48	T
Methyl tert-butyl Ether (MTBE)	0.0011 U	mg/Kg	0.0032	0.0011	1	03/17/2025 10:46	03/17/2025 14:48	T
Methylene Chloride	0.0043 U	mg/Kg	0.0053	0.0043	1	03/17/2025 10:46	03/17/2025 14:48	T
Naphthalene	0.0015 U	mg/Kg	0.0032	0.0015	1	03/17/2025 10:46	03/17/2025 14:48	T
Styrene	0.00042 U	mg/Kg	0.0032	0.00042	1	03/17/2025 10:46	03/17/2025 14:48	T
Tetrachloroethylene (PCE)	0.00061 U	mg/Kg	0.0032	0.00061	1	03/17/2025 10:46	03/17/2025 14:48	T
Toluene	0.00039 U	mg/Kg	0.0032	0.00039	1	03/17/2025 10:46	03/17/2025 14:48	T
Trichloroethene	0.00079 U	mg/Kg	0.0032	0.00079	1	03/17/2025 10:46	03/17/2025 14:48	T
Trichlorofluoromethane	0.00071 U	mg/Kg	0.0032	0.00071	1	03/17/2025 10:46	03/17/2025 14:48	T
Vinyl Acetate	0.0016 U	mg/Kg	0.0032	0.0016	1	03/17/2025 10:46	03/17/2025 14:48	T
Vinyl Chloride	0.00062 U	mg/Kg	0.0032	0.00062	1	03/17/2025 10:46	03/17/2025 14:48	T
Xylene (Total)	0.0014 U	mg/Kg	0.0064	0.0014	1	03/17/2025 10:46	03/17/2025 14:48	T
cis-1,2-Dichloroethylene	0.00063 U	mg/Kg	0.0032	0.00063	1	03/17/2025 10:46	03/17/2025 14:48	T
cis-1,3-Dichloropropene	0.0023 U	mg/Kg	0.0032	0.0023	1	03/17/2025 10:46	03/17/2025 14:48	T
n-Butylbenzene	0.00087 U	mg/Kg	0.0032	0.00087	1	03/17/2025 10:46	03/17/2025 14:48	T
n-propylbenzene	0.00074 U	mg/Kg	0.0032	0.00074	1	03/17/2025 10:46	03/17/2025 14:48	T
sec-butylbenzene	0.00071 U	mg/Kg	0.0032	0.00071	1	03/17/2025 10:46	03/17/2025 14:48	T
tert-butylbenzene	0.00097 U	mg/Kg	0.0032	0.00097	1	03/17/2025 10:46	03/17/2025 14:48	T
trans-1,2-Dichloroethylene	0.00065 U	mg/Kg	0.0032	0.00065	1	03/17/2025 10:46	03/17/2025 14:48	T
trans-1,3-Dichloropropylene	0.0020 U	mg/Kg	0.0032	0.0020	1	03/17/2025 10:46	03/17/2025 14:48	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

Analytical Results

Analysis Results Comments

o-Terphenyl

J4|Estimated Result

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Phenol-d6 (S)	mg/Kg	2	1.50	75	4 - 137	T
Nitrobenzene-d5 (S)	mg/Kg	2	1.30	67	21 - 118	T
2,4,6-Tribromophenol (S)	mg/Kg	2	1.40	70	41 - 124	T^
Nonatricontane-C39 (S)	mg/Kg	5.90	2.90	49	36 - 132	T
Toluene-d8 (S)	ug/Kg	50	54	109	72 - 122	T
Decachlorobiphenyl (S)	ug/Kg	20	19	94	63 - 130	T
Tetrachloro-m-xylene (S)	ug/Kg	40	31	79	42 - 129	T
o-Terphenyl (S)	mg/Kg	2	1.10	57	66 - 136	T
1,2-Dichloroethane-d4 (S)	ug/Kg	50	63	126	69 - 134	T
Tetrachloro-m-xylene (S)	ug/Kg	40	33	82	44 - 130	T
2-Fluorophenol (S)	mg/Kg	2	1.50	75	10 - 126	T^
Bromofluorobenzene (S)	ug/Kg	50	59	119	79 - 126	T
Decachlorobiphenyl (S)	ug/Kg	20	17	85	61 - 147	T
2-Fluorobiphenyl (S)	mg/Kg	2	1.30	65	12 - 130	T
p-Terphenyl-d14 (S)	mg/Kg	2	1.30	69	18 - 151	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

Analytical Results

Lab ID:	G2502693003	Date Collected:	03/14/2025 10:20			Matrix:	Soil	
Sample ID:	HA-9 05-2	Date Received:	03/14/2025 11:25					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	0.14 U	mg/Kg	0.28	0.14	1	03/17/2025 13:55	03/18/2025 12:29	T
Barium	2.0	mg/Kg	0.28	0.14	1	03/17/2025 13:55	03/18/2025 12:29	T
Cadmium	0.061	mg/Kg	0.056	0.028	1	03/17/2025 13:55	03/18/2025 12:29	T
Chromium	0.97	mg/Kg	0.28	0.22	1	03/17/2025 13:55	03/18/2025 12:29	T
Lead	2.8	mg/Kg	0.28	0.14	1	03/17/2025 13:55	03/18/2025 12:29	T
Selenium	0.56 U	mg/Kg	2.8	0.56	1	03/17/2025 13:55	03/18/2025 12:29	T
Silver	0.22 U	mg/Kg	0.28	0.22	1	03/17/2025 13:55	03/18/2025 12:29	T
METALS (SW-846 7471A)								
Mercury	0.0084	mg/Kg	0.0068	0.0032	2	03/21/2025 09:00	03/25/2025 11:03	T
SEMIVOLATILES (EPA 3546/EPA 8081)								
4,4'-DDD	0.0014 U	mg/Kg	0.0021	0.0014	1	03/18/2025 12:30	03/19/2025 16:07	T
4,4'-DDE	0.00029 U	mg/Kg	0.0021	0.00029	1	03/18/2025 12:30	03/19/2025 16:07	T
4,4'-DDT	0.00064 U	mg/Kg	0.0021	0.00064	1	03/18/2025 12:30	03/19/2025 16:07	T
Aldrin	0.00061 U	mg/Kg	0.0021	0.00061	1	03/18/2025 12:30	03/19/2025 16:07	T
Chlordane (technical)	0.016 U	mg/Kg	0.021	0.016	1	03/18/2025 12:30	03/19/2025 16:07	T
Dieldrin	0.0012 U	mg/Kg	0.0021	0.0012	1	03/18/2025 12:30	03/19/2025 16:07	T
Endosulfan I	0.00027 U	mg/Kg	0.0021	0.00027	1	03/18/2025 12:30	03/19/2025 16:07	T
Endosulfan II	0.00027 U	mg/Kg	0.0021	0.00027	1	03/18/2025 12:30	03/19/2025 16:07	T
Endosulfan Sulfate	0.0011 U	mg/Kg	0.0021	0.0011	1	03/18/2025 12:30	03/19/2025 16:07	T
Endrin	0.00041 U	mg/Kg	0.0021	0.00041	1	03/18/2025 12:30	03/19/2025 16:07	T
Endrin Aldehyde	0.00079 U	mg/Kg	0.0021	0.00079	1	03/18/2025 12:30	03/19/2025 16:07	T
Heptachlor	0.00085 U	mg/Kg	0.0021	0.00085	1	03/18/2025 12:30	03/19/2025 16:07	T
Heptachlor Epoxide	0.00064 U	mg/Kg	0.0021	0.00064	1	03/18/2025 12:30	03/19/2025 16:07	T
Methoxychlor	0.00058 U	mg/Kg	0.0021	0.00058	1	03/18/2025 12:30	03/19/2025 16:07	T





FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

Analytical Results

Lab ID: G2502693003
Sample ID: HA-9 05-2

Date Collected: 03/14/2025 10:20
Date Received: 03/14/2025 11:25

Matrix: Soil

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Toxaphene	0.018 U	mg/Kg	0.021	0.018	1	03/18/2025 12:30	03/19/2025 16:07	T
alpha-BHC	0.00056 U	mg/Kg	0.0021	0.00056	1	03/18/2025 12:30	03/19/2025 16:07	T
beta-BHC	0.00063 U	mg/Kg	0.0021	0.00063	1	03/18/2025 12:30	03/19/2025 16:07	T
delta-BHC	0.00065 U	mg/Kg	0.0021	0.00065	1	03/18/2025 12:30	03/19/2025 16:07	T
gamma-BHC (Lindane)	0.00045 U	mg/Kg	0.0021	0.00045	1	03/18/2025 12:30	03/19/2025 16:07	T

SEMIVOLATILES (EPA 3546/SW-846 8082A)

Aroclor 1016 (PCB-1016)	0.010 U	mg/Kg	0.012	0.010	1	03/18/2025 12:30	03/19/2025 16:07	T
Aroclor 1221 (PCB-1221)	0.010 U	mg/Kg	0.012	0.010	1	03/18/2025 12:30	03/19/2025 16:07	T
Aroclor 1232 (PCB-1232)	0.010 U	mg/Kg	0.012	0.010	1	03/18/2025 12:30	03/19/2025 16:07	T
Aroclor 1242 (PCB-1242)	0.010 U	mg/Kg	0.012	0.010	1	03/18/2025 12:30	03/19/2025 16:07	T
Aroclor 1248 (PCB-1248)	0.010 U	mg/Kg	0.012	0.010	1	03/18/2025 12:30	03/19/2025 16:07	T
Aroclor 1254 (PCB-1254)	0.010 U	mg/Kg	0.012	0.010	1	03/18/2025 12:30	03/19/2025 16:07	T
Aroclor 1260 (PCB-1260)	0.010 U	mg/Kg	0.012	0.010	1	03/18/2025 12:30	03/19/2025 16:07	T

SEMIVOLATILES (FL-PRO)

TPH	5.1 U	mg/Kg	14	5.1	1	03/21/2025 11:00	03/22/2025 14:57	T
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SEMIVOLATILES (SW-846 3550B/SW-846 8270E)

1,2,4,5-Tetrachlorobenzene	0.038 U	mg/Kg	0.21	0.038	1	03/21/2025 09:30	03/21/2025 18:41	T
1,2,4-Trichlorobenzene	0.031 U	mg/Kg	0.21	0.031	1	03/21/2025 09:30	03/21/2025 18:41	T
1,2-Dichlorobenzene	0.042 U	mg/Kg	0.21	0.042	1	03/21/2025 09:30	03/21/2025 18:41	T
1,2-Diphenylhydrazine	0.079 U	mg/Kg	0.21	0.079	1	03/21/2025 09:30	03/21/2025 18:41	T
1,3-Dichlorobenzene	0.022 U	mg/Kg	0.21	0.022	1	03/21/2025 09:30	03/21/2025 18:41	T
1,4-Dichlorobenzene	0.046 U	mg/Kg	0.21	0.046	1	03/21/2025 09:30	03/21/2025 18:41	T
1-Methylnaphthalene	0.0040 U	mg/Kg	0.21	0.0040	1	03/21/2025 09:30	03/21/2025 18:41	T
1-Naphthylamine	0.055 U	mg/Kg	0.21	0.055	1	03/21/2025 09:30	03/21/2025 18:41	T
2,3,4,6-Tetrachlorophenol	0.043 U	mg/Kg	0.21	0.043	1	03/21/2025 09:30	03/21/2025 18:41	T
2,4,5-Trichlorophenol	0.075 U	mg/Kg	0.21	0.075	1	03/21/2025 09:30	03/21/2025 18:41	T
2,4,6-Trichlorophenol	0.039 U	mg/Kg	0.21	0.039	1	03/21/2025 09:30	03/21/2025 18:41	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

Analytical Results

Lab ID: G2502693003
Sample ID: HA-9 05-2

Date Collected: 03/14/2025 10:20
Date Received: 03/14/2025 11:25

Matrix: Soil

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
2,4-Dichlorophenol	0.044 U	mg/Kg	0.21	0.044	1	03/21/2025 09:30	03/21/2025 18:41	T
2,4-Dimethylphenol	0.044 U	mg/Kg	0.21	0.044	1	03/21/2025 09:30	03/21/2025 18:41	T
2,4-Dinitrophenol	0.13 U	mg/Kg	0.21	0.13	1	03/21/2025 09:30	03/21/2025 18:41	T
2,4-Dinitrotoluene (2,4-DNT)	0.065 U	mg/Kg	0.21	0.065	1	03/21/2025 09:30	03/21/2025 18:41	T
2,6-Dichlorophenol	0.030 U	mg/Kg	0.21	0.030	1	03/21/2025 09:30	03/21/2025 18:41	T
2,6-Dinitrotoluene (2,6-DNT)	0.052 U	mg/Kg	0.21	0.052	1	03/21/2025 09:30	03/21/2025 18:41	T
2-Chloronaphthalene	0.040 U	mg/Kg	0.21	0.040	1	03/21/2025 09:30	03/21/2025 18:41	T
2-Chlorophenol	0.037 U	mg/Kg	0.21	0.037	1	03/21/2025 09:30	03/21/2025 18:41	T
2-Methyl-4,6-dinitrophenol	0.046 U	mg/Kg	0.21	0.046	1	03/21/2025 09:30	03/21/2025 18:41	T
2-Methylnaphthalene	0.0049 U	mg/Kg	0.21	0.0049	1	03/21/2025 09:30	03/21/2025 18:41	T
2-Methylphenol (o-Cresol)	0.039 U	mg/Kg	0.21	0.039	1	03/21/2025 09:30	03/21/2025 18:41	T
2-Naphthylamine	0.041 U	mg/Kg	0.21	0.041	1	03/21/2025 09:30	03/21/2025 18:41	T
2-Nitroaniline	0.059 U	mg/Kg	0.21	0.059	1	03/21/2025 09:30	03/21/2025 18:41	T
2-Nitrophenol	0.046 U	mg/Kg	0.21	0.046	1	03/21/2025 09:30	03/21/2025 18:41	T
2-Picoline (2-Methylpyridine)	0.10 U	mg/Kg	0.21	0.10	1	03/21/2025 09:30	03/21/2025 18:41	T
3+4-Methylphenol(mp-Cresol)	0.051 U	mg/Kg	0.21	0.051	1	03/21/2025 09:30	03/21/2025 18:41	T
3,3'-Dichlorobenzidine	0.028 U	mg/Kg	0.21	0.028	1	03/21/2025 09:30	03/21/2025 18:41	T
3-Methylcholanthrene	0.078 U	mg/Kg	0.21	0.078	1	03/21/2025 09:30	03/21/2025 18:41	T
3-Nitroaniline	0.059 U	mg/Kg	0.21	0.059	1	03/21/2025 09:30	03/21/2025 18:41	T
4-Aminobiphenyl	0.035 U	mg/Kg	0.21	0.035	1	03/21/2025 09:30	03/21/2025 18:41	T
4-Bromophenyl Phenyl Ether	0.053 U	mg/Kg	0.21	0.053	1	03/21/2025 09:30	03/21/2025 18:41	T
4-Chloro-3-methylphenol	0.044 U	mg/Kg	0.21	0.044	1	03/21/2025 09:30	03/21/2025 18:41	T
4-Chloroaniline	0.021 U	mg/Kg	0.21	0.021	1	03/21/2025 09:30	03/21/2025 18:41	T
4-Chlorophenyl Phenyl Ether	0.045 U	mg/Kg	0.21	0.045	1	03/21/2025 09:30	03/21/2025 18:41	T
4-Dimethyl aminoazobenzene	0.061 U	mg/Kg	0.21	0.061	1	03/21/2025 09:30	03/21/2025 18:41	T
4-Nitroaniline	0.059 U	mg/Kg	0.21	0.059	1	03/21/2025 09:30	03/21/2025 18:41	T
4-Nitrophenol	0.058 U	mg/Kg	0.21	0.058	1	03/21/2025 09:30	03/21/2025 18:41	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

Analytical Results

Lab ID: G2502693003
Sample ID: HA-9 05-2

Date Collected: 03/14/2025 10:20
Date Received: 03/14/2025 11:25

Matrix: Soil

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
7,12-Dimethylbenz[a]anthracene	0.083 U	mg/Kg	0.21	0.083	1	03/21/2025 09:30	03/21/2025 18:41	T
Acenaphthene	0.0047 U	mg/Kg	0.21	0.0047	1	03/21/2025 09:30	03/21/2025 18:41	T
Acenaphthylene	0.0053 U	mg/Kg	0.21	0.0053	1	03/21/2025 09:30	03/21/2025 18:41	T
Acetophenone	0.035 U	mg/Kg	0.21	0.035	1	03/21/2025 09:30	03/21/2025 18:41	T
Aniline	0.045 U	mg/Kg	0.21	0.045	1	03/21/2025 09:30	03/21/2025 18:41	T
Anthracene	0.0052 U	mg/Kg	0.21	0.0052	1	03/21/2025 09:30	03/21/2025 18:41	T
Benzidine	0.041 U	mg/Kg	0.21	0.041	1	03/21/2025 09:30	03/21/2025 18:41	T
Benzo[a]anthracene	0.0047 U	mg/Kg	0.21	0.0047	1	03/21/2025 09:30	03/21/2025 18:41	T
Benzo[a]pyrene	0.0044 U	mg/Kg	0.21	0.0044	1	03/21/2025 09:30	03/21/2025 18:41	T
Benzo[b]fluoranthene	0.0066 U	mg/Kg	0.21	0.0066	1	03/21/2025 09:30	03/21/2025 18:41	T
Benzo[g,h,i]perylene	0.0039 U	mg/Kg	0.21	0.0039	1	03/21/2025 09:30	03/21/2025 18:41	T
Benzo[k]fluoranthene	0.0069 U	mg/Kg	0.21	0.0069	1	03/21/2025 09:30	03/21/2025 18:41	T
Benzoic Acid	0.20 U	mg/Kg	0.21	0.20	1	03/21/2025 09:30	03/21/2025 18:41	T
Benzyl Alcohol	0.041 U	mg/Kg	0.21	0.041	1	03/21/2025 09:30	03/21/2025 18:41	T
Butyl benzyl phthalate	0.029 U	mg/Kg	0.21	0.029	1	03/21/2025 09:30	03/21/2025 18:41	T
Carbazole	0.0041 U	mg/Kg	0.21	0.0041	1	03/21/2025 09:30	03/21/2025 18:41	T
Chrysene	0.0052 U	mg/Kg	0.21	0.0052	1	03/21/2025 09:30	03/21/2025 18:41	T
Di-n-Butyl Phthalate	0.043 U	mg/Kg	0.21	0.043	1	03/21/2025 09:30	03/21/2025 18:41	T
Di-n-octyl Phthalate	0.027 U	mg/Kg	0.21	0.027	1	03/21/2025 09:30	03/21/2025 18:41	T
Dibenzo[a,h]anthracene	0.0040 U	mg/Kg	0.21	0.0040	1	03/21/2025 09:30	03/21/2025 18:41	T
Dibenzofuran	0.0055 U	mg/Kg	0.21	0.0055	1	03/21/2025 09:30	03/21/2025 18:41	T
Diethyl phthalate	0.040 U	mg/Kg	0.21	0.040	1	03/21/2025 09:30	03/21/2025 18:41	T
Dimethyl phthalate	0.039 U	mg/Kg	0.21	0.039	1	03/21/2025 09:30	03/21/2025 18:41	T
Ethyl methanesulfonate	0.053 U	mg/Kg	0.21	0.053	1	03/21/2025 09:30	03/21/2025 18:41	T
Fluoranthene	0.050 U	mg/Kg	0.21	0.050	1	03/21/2025 09:30	03/21/2025 18:41	T
Fluorene	0.0046 U	mg/Kg	0.21	0.0046	1	03/21/2025 09:30	03/21/2025 18:41	T
Hexachlorobenzene	0.061 U	mg/Kg	0.21	0.061	1	03/21/2025 09:30	03/21/2025 18:41	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

Analytical Results

Lab ID: G2502693003
Sample ID: HA-9 05-2

Date Collected: 03/14/2025 10:20
Date Received: 03/14/2025 11:25

Matrix: Soil

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Hexachlorobutadiene	0.034 U	mg/Kg	0.21	0.034	1	03/21/2025 09:30	03/21/2025 18:41	T
Hexachlorocyclopentadiene	0.035 U	mg/Kg	0.21	0.035	1	03/21/2025 09:30	03/21/2025 18:41	T
Hexachloroethane	0.029 U	mg/Kg	0.21	0.029	1	03/21/2025 09:30	03/21/2025 18:41	T
Indeno(1,2,3-cd)pyrene	0.0041 U	mg/Kg	0.21	0.0041	1	03/21/2025 09:30	03/21/2025 18:41	T
Isophorone	0.023 U	mg/Kg	0.21	0.023	1	03/21/2025 09:30	03/21/2025 18:41	T
Methyl Methanesulfonate	0.037 U	mg/Kg	0.21	0.037	1	03/21/2025 09:30	03/21/2025 18:41	T
N-Nitrosodi-n-butylamine	0.036 U	mg/Kg	0.21	0.036	1	03/21/2025 09:30	03/21/2025 18:41	T
N-Nitrosodi-n-propylamine	0.037 U	mg/Kg	0.21	0.037	1	03/21/2025 09:30	03/21/2025 18:41	T
N-Nitrosodimethylamine	0.0093 U	mg/Kg	0.21	0.0093	1	03/21/2025 09:30	03/21/2025 18:41	T
N-Nitrosodiphenylamine	0.027 U	mg/Kg	0.21	0.027	1	03/21/2025 09:30	03/21/2025 18:41	T
N-Nitrosopiperidine	0.024 U	mg/Kg	0.21	0.024	1	03/21/2025 09:30	03/21/2025 18:41	T
Naphthalene	0.0050 U	mg/Kg	0.21	0.0050	1	03/21/2025 09:30	03/21/2025 18:41	T
Nitrobenzene	0.050 U	mg/Kg	0.21	0.050	1	03/21/2025 09:30	03/21/2025 18:41	T
Pentachlorobenzene	0.062 U	mg/Kg	0.21	0.062	1	03/21/2025 09:30	03/21/2025 18:41	T
Pentachloronitrobenzene	0.065 U	mg/Kg	0.21	0.065	1	03/21/2025 09:30	03/21/2025 18:41	T
Pentachlorophenol	0.069 U	mg/Kg	0.21	0.069	1	03/21/2025 09:30	03/21/2025 18:41	T
Phenacetin	0.070 U	mg/Kg	0.21	0.070	1	03/21/2025 09:30	03/21/2025 18:41	T
Phenanthrene	0.0059 U	mg/Kg	0.21	0.0059	1	03/21/2025 09:30	03/21/2025 18:41	T
Phenol	0.041 U	mg/Kg	0.21	0.041	1	03/21/2025 09:30	03/21/2025 18:41	T
Pronamide (Kerb)	0.056 U	mg/Kg	0.21	0.056	1	03/21/2025 09:30	03/21/2025 18:41	T
Pyrene	0.0045 U	mg/Kg	0.21	0.0045	1	03/21/2025 09:30	03/21/2025 18:41	T
Pyridine	0.063 U	mg/Kg	0.21	0.063	1	03/21/2025 09:30	03/21/2025 18:41	T
a,a-Dimethylphenethylamine	0.037 U	mg/Kg	0.21	0.037	1	03/21/2025 09:30	03/21/2025 18:41	T
bis(2-Chloroethoxy)methane	0.030 U	mg/Kg	0.21	0.030	1	03/21/2025 09:30	03/21/2025 18:41	T
bis(2-Chloroethyl)Ether	0.043 U	mg/Kg	0.21	0.043	1	03/21/2025 09:30	03/21/2025 18:41	T
bis(2-Chloroisopropyl) Ether	0.038 U	mg/Kg	0.21	0.038	1	03/21/2025 09:30	03/21/2025 18:41	T
bis(2-Ethylhexyl) phthalate	0.032 U	mg/Kg	0.21	0.032	1	03/21/2025 09:30	03/21/2025 18:41	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

Analytical Results

Lab ID: G2502693003	Date Collected: 03/14/2025 10:20		Matrix: Soil					
Sample ID: HA-9 05-2	Date Received: 03/14/2025 11:25							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
(SM 2540G)								
Percent Moisture	6.7	%	0.0010	0.0010	1	03/18/2025 08:30	03/18/2025 08:30	T
VOLATILES (SW-846 5035/SW-846 8260D)								
1,1,1,2-Tetrachloroethane	0.0010 U	mg/Kg	0.0032	0.0010	1	03/17/2025 10:46	03/17/2025 15:15	T
1,1,1-Trichloroethane	0.00075 U	mg/Kg	0.0032	0.00075	1	03/17/2025 10:46	03/17/2025 15:15	T
1,1,2,2-Tetrachloroethane	0.00055 U	mg/Kg	0.0032	0.00055	1	03/17/2025 10:46	03/17/2025 15:15	T
1,1,2-Trichloroethane	0.00052 U	mg/Kg	0.0032	0.00052	1	03/17/2025 10:46	03/17/2025 15:15	T
1,1-Dichloroethane	0.00075 U	mg/Kg	0.0032	0.00075	1	03/17/2025 10:46	03/17/2025 15:15	T
1,1-Dichloroethylene	0.00079 U	mg/Kg	0.0032	0.00079	1	03/17/2025 10:46	03/17/2025 15:15	T
1,1-Dichloropropene	0.00052 U	mg/Kg	0.0032	0.00052	1	03/17/2025 10:46	03/17/2025 15:15	T
1,2,3-Trichlorobenzene	0.00086 U	mg/Kg	0.0032	0.00086	1	03/17/2025 10:46	03/17/2025 15:15	T
1,2,3-Trichloropropane	0.0018 U	mg/Kg	0.0032	0.0018	1	03/17/2025 10:46	03/17/2025 15:15	T
1,2,4-Trichlorobenzene	0.00070 U	mg/Kg	0.0032	0.00070	1	03/17/2025 10:46	03/17/2025 15:15	T
1,2,4-Trimethylbenzene	0.00094 U	mg/Kg	0.0032	0.00094	1	03/17/2025 10:46	03/17/2025 15:15	T
1,2-Dibromo-3-Chloropropane	0.0014 U	mg/Kg	0.0032	0.0014	1	03/17/2025 10:46	03/17/2025 15:15	T
1,2-Dichlorobenzene	0.00051 U	mg/Kg	0.0032	0.00051	1	03/17/2025 10:46	03/17/2025 15:15	T
1,2-Dichloroethane	0.00084 U	mg/Kg	0.0032	0.00084	1	03/17/2025 10:46	03/17/2025 15:15	T
1,2-Dichloropropane	0.00058 U	mg/Kg	0.0032	0.00058	1	03/17/2025 10:46	03/17/2025 15:15	T
1,3,5-Trimethylbenzene	0.00071 U	mg/Kg	0.0032	0.00071	1	03/17/2025 10:46	03/17/2025 15:15	T
1,3-Dichlorobenzene	0.00059 U	mg/Kg	0.0032	0.00059	1	03/17/2025 10:46	03/17/2025 15:15	T
1,3-Dichloropropane	0.00046 U	mg/Kg	0.0032	0.00046	1	03/17/2025 10:46	03/17/2025 15:15	T
1,4-Dichlorobenzene	0.00071 U	mg/Kg	0.0032	0.00071	1	03/17/2025 10:46	03/17/2025 15:15	T
2,2-Dichloropropane	0.0013 U	mg/Kg	0.0032	0.0013	1	03/17/2025 10:46	03/17/2025 15:15	T
2-Butanone (MEK)	0.0011 U	mg/Kg	0.0032	0.0011	1	03/17/2025 10:46	03/17/2025 15:15	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

Analytical Results

Lab ID: G2502693003
Sample ID: HA-9 05-2

Date Collected: 03/14/2025 10:20
Date Received: 03/14/2025 11:25

Matrix: Soil

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
2-Chloroethyl Vinyl Ether	0.0028 U	mg/Kg	0.0032	0.0028	1	03/17/2025 10:46	03/17/2025 15:15	T
2-Chlorotoluene	0.00071 U	mg/Kg	0.0032	0.0007 1	1	03/17/2025 10:46	03/17/2025 15:15	T
2-Hexanone	0.0017 U	mg/Kg	0.0032	0.0017	1	03/17/2025 10:46	03/17/2025 15:15	T
4-Chlorotoluene	0.00080 U	mg/Kg	0.0032	0.0008 0	1	03/17/2025 10:46	03/17/2025 15:15	T
4-Methyl-2-pentanone (MIBK)	0.00072 U	mg/Kg	0.0032	0.0007 2	1	03/17/2025 10:46	03/17/2025 15:15	T
Acetone	0.0024 U	mg/Kg	0.0032	0.0024	1	03/17/2025 10:46	03/17/2025 15:15	T
Acrolein (Propenal)	0.0067 U	mg/Kg	0.016	0.0067	1	03/17/2025 10:46	03/17/2025 15:15	T
Acrylonitrile	0.00056 U	mg/Kg	0.0032	0.0005 6	1	03/17/2025 10:46	03/17/2025 15:15	T
Benzene	0.00053 U	mg/Kg	0.0032	0.0005 3	1	03/17/2025 10:46	03/17/2025 15:15	T
Bromobenzene	0.00059 U	mg/Kg	0.0032	0.0005 9	1	03/17/2025 10:46	03/17/2025 15:15	T
Bromochloromethane	0.00069 U	mg/Kg	0.0032	0.0006 9	1	03/17/2025 10:46	03/17/2025 15:15	T
Bromodichloromethane	0.00057 U	mg/Kg	0.0032	0.0005 7	1	03/17/2025 10:46	03/17/2025 15:15	T
Bromoform	0.0022 U	mg/Kg	0.0032	0.0022	1	03/17/2025 10:46	03/17/2025 15:15	T
Bromomethane	0.0013 U	mg/Kg	0.0032	0.0013	1	03/17/2025 10:46	03/17/2025 15:15	T
Carbon Disulfide	0.00092 U	mg/Kg	0.0032	0.0009 2	1	03/17/2025 10:46	03/17/2025 15:15	T
Carbon Tetrachloride	0.00091 U	mg/Kg	0.0032	0.0009 1	1	03/17/2025 10:46	03/17/2025 15:15	T
Chlorobenzene	0.00048 U	mg/Kg	0.0032	0.0004 8	1	03/17/2025 10:46	03/17/2025 15:15	T
Chloroethane	0.0016 U	mg/Kg	0.0032	0.0016	1	03/17/2025 10:46	03/17/2025 15:15	T
Chloroform	0.0016 I	mg/Kg	0.0032	0.0006 5	1	03/17/2025 10:46	03/17/2025 15:15	T
Chloromethane	0.00074 U	mg/Kg	0.0032	0.0007 4	1	03/17/2025 10:46	03/17/2025 15:15	T
Dibromochloromethane	0.0018 U	mg/Kg	0.0032	0.0018	1	03/17/2025 10:46	03/17/2025 15:15	T
Dibromomethane	0.00065 U	mg/Kg	0.0032	0.0006 5	1	03/17/2025 10:46	03/17/2025 15:15	T
Dichlorodifluoromethane	0.0011 U	mg/Kg	0.0032	0.0011	1	03/17/2025 10:46	03/17/2025 15:15	T
Ethylbenzene	0.00038 U	mg/Kg	0.0032	0.0003 8	1	03/17/2025 10:46	03/17/2025 15:15	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

Analytical Results

Lab ID: G2502693003
Sample ID: HA-9 05-2

Date Collected: 03/14/2025 10:20
Date Received: 03/14/2025 11:25

Matrix: Soil

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Ethylene Dibromide (EDB)	0.00053 U	mg/Kg	0.0032	0.00053	1	03/17/2025 10:46	03/17/2025 15:15	T
Hexachlorobutadiene	0.0017 U	mg/Kg	0.0032	0.0017	1	03/17/2025 10:46	03/17/2025 15:15	T
Iodomethane (Methyl Iodide)	0.0022 U	mg/Kg	0.0032	0.0022	1	03/17/2025 10:46	03/17/2025 15:15	T
Isopropylbenzene	0.00067 U	mg/Kg	0.0032	0.00067	1	03/17/2025 10:46	03/17/2025 15:15	T
Methyl tert-butyl Ether (MTBE)	0.0011 U	mg/Kg	0.0032	0.0011	1	03/17/2025 10:46	03/17/2025 15:15	T
Methylene Chloride	0.0043 U	mg/Kg	0.0054	0.0043	1	03/17/2025 10:46	03/17/2025 15:15	T
Naphthalene	0.0015 U	mg/Kg	0.0032	0.0015	1	03/17/2025 10:46	03/17/2025 15:15	T
Styrene	0.00043 U	mg/Kg	0.0032	0.00043	1	03/17/2025 10:46	03/17/2025 15:15	T
Tetrachloroethylene (PCE)	0.00061 U	mg/Kg	0.0032	0.00061	1	03/17/2025 10:46	03/17/2025 15:15	T
Toluene	0.00040 U	mg/Kg	0.0032	0.00040	1	03/17/2025 10:46	03/17/2025 15:15	T
Trichloroethene	0.00079 U	mg/Kg	0.0032	0.00079	1	03/17/2025 10:46	03/17/2025 15:15	T
Trichlorofluoromethane	0.00071 U	mg/Kg	0.0032	0.00071	1	03/17/2025 10:46	03/17/2025 15:15	T
Vinyl Acetate	0.0016 U	mg/Kg	0.0032	0.0016	1	03/17/2025 10:46	03/17/2025 15:15	T
Vinyl Chloride	0.00062 U	mg/Kg	0.0032	0.00062	1	03/17/2025 10:46	03/17/2025 15:15	T
Xylene (Total)	0.0014 U	mg/Kg	0.0064	0.0014	1	03/17/2025 10:46	03/17/2025 15:15	T
cis-1,2-Dichloroethylene	0.00063 U	mg/Kg	0.0032	0.00063	1	03/17/2025 10:46	03/17/2025 15:15	T
cis-1,3-Dichloropropene	0.0023 U	mg/Kg	0.0032	0.0023	1	03/17/2025 10:46	03/17/2025 15:15	T
n-Butylbenzene	0.00087 U	mg/Kg	0.0032	0.00087	1	03/17/2025 10:46	03/17/2025 15:15	T
n-propylbenzene	0.00075 U	mg/Kg	0.0032	0.00075	1	03/17/2025 10:46	03/17/2025 15:15	T
sec-butylbenzene	0.00072 U	mg/Kg	0.0032	0.00072	1	03/17/2025 10:46	03/17/2025 15:15	T
tert-butylbenzene	0.00097 U	mg/Kg	0.0032	0.00097	1	03/17/2025 10:46	03/17/2025 15:15	T
trans-1,2-Dichloroethylene	0.00065 U	mg/Kg	0.0032	0.00065	1	03/17/2025 10:46	03/17/2025 15:15	T
trans-1,3-Dichloropropylene	0.0020 U	mg/Kg	0.0032	0.0020	1	03/17/2025 10:46	03/17/2025 15:15	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

Analytical Results

Analysis Results Comments

o-Terphenyl

J4|Estimated Result

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/Kg	50	62	123	69 - 134	T
p-Terphenyl-d14 (S)	mg/Kg	1.90	1.40	71	18 - 151	T
2-Fluorophenol (S)	mg/Kg	1.90	1.10	58	10 - 126	T^
Decachlorobiphenyl (S)	ug/Kg	20	12	64	63 - 130	T
Toluene-d8 (S)	ug/Kg	50	52	105	72 - 122	T
2-Fluorobiphenyl (S)	mg/Kg	1.90	1.10	55	12 - 130	T
Decachlorobiphenyl (S)	ug/Kg	19	12	63	61 - 147	T
Bromofluorobenzene (S)	ug/Kg	50	57	114	79 - 126	T
Phenol-d6 (S)	mg/Kg	1.90	1.10	56	4 - 137	T
Nitrobenzene-d5 (S)	mg/Kg	1.90	1	53	21 - 118	T
Tetrachloro-m-xylene (S)	ug/Kg	39	19	50	44 - 130	T
2,4,6-Tribromophenol (S)	mg/Kg	1.90	1.30	69	41 - 124	T^
o-Terphenyl (S)	mg/Kg	2	1.10	56	66 - 136	T
Nonatricontane-C39 (S)	mg/Kg	5.90	2.70	46	36 - 132	T
Tetrachloro-m-xylene (S)	ug/Kg	39	19	49	42 - 129	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

QC Results

QC Batch: CVAI/2516
Preparation Method: SW-846 7471A
Associated Lab IDs: G2502693001, G2502693002, G2502693003

Analysis Method: SW-846 7471A

Method Blank(5759193)

Parameter	Results	Units	PQL	MDL	Lab
Mercury	0.0024 U	mg/Kg	0.0050	0.0024	T

Lab Control Sample (5759194)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Mercury	mg/Kg	0.05	0.048	96	80 - 120	T

Matrix Spike (5759195); Matrix Spike Duplicate (5759196); Original (T2506225001); Parent Lab Sample (T2506225001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Mercury	mg/Kg	0.0310	0.1	132	80 - 120	0.094	110	7	20	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

QC Results

QC Batch: GCSt/5493
Preparation Method: EPA 3546
Associated Lab IDs: G2502693001, G2502693002, G2502693003

Analysis Method: SW-846 8082A

Method Blank(5748905)

Parameter	Results	Units	PQL	MDL	Lab
Aroclor 1016 (PCB-1016)	0.0099 U	mg/Kg	0.012	0.0099	T
Aroclor 1221 (PCB-1221)	0.0099 U	mg/Kg	0.012	0.0099	T
Aroclor 1232 (PCB-1232)	0.0099 U	mg/Kg	0.012	0.0099	T
Aroclor 1242 (PCB-1242)	0.0099 U	mg/Kg	0.012	0.0099	T
Aroclor 1248 (PCB-1248)	0.0099 U	mg/Kg	0.012	0.0099	T
Aroclor 1254 (PCB-1254)	0.0099 U	mg/Kg	0.012	0.0099	T
Aroclor 1260 (PCB-1260)	0.0099 U	mg/Kg	0.012	0.0099	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Decachlorobiphenyl (S)	mg/L	0.02	0.0210	103	61 - 147	T
Tetrachloro-m-xylene (S)	mg/L	0.04	0.0360	90	44 - 130	T

Lab Control Sample (5748906)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Aroclor 1016 (PCB-1016)	mg/Kg	0.04	0.045	112	47 - 134	T
Aroclor 1260 (PCB-1260)	mg/Kg	0.04	0.033	82	53 - 140	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Decachlorobiphenyl (S)	mg/L	0.02	0.0190	95	61 - 147	T
Tetrachloro-m-xylene (S)	mg/L	0.04	0.0370	92	44 - 130	T

Matrix Spike (5748907); Matrix Spike Duplicate (5748908); Original (T2506423005); Parent Lab Sample (T2506423005)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Aroclor 1016 (PCB-1016)	mg/Kg	0.0390	0.25	271	47 - 134	0.25	272	0		T
Aroclor 1260 (PCB-1260)	mg/Kg	0.0390	0.038	28	53 - 140	0.027	-1	35		T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Decachlorobiphenyl (S)	mg/L	0.0190	0.0077	40	61 - 147	0.0061	32	23		T
Tetrachloro-m-xylene (S)	mg/L	0.0390	0.0220	56	44 - 130	0.0160	42	28		T

Matrix Spike (5748907); Matrix Spike Duplicate (5748908); Original (T2506423005); Parent Lab Sample (T2506423005)

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

QC Batch: GCSt/5493
Preparation Method: EPA 3546
Associated Lab IDs: G2502693001, G2502693002, G2502693003

Analysis Method: SW-846 8082A

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Aroclor 1016 (PCB-1016)	mg/Kg	0.0390	0.25	271	47 - 134	0.25	272	0		T
Aroclor 1260 (PCB-1260)	mg/Kg	0.0390	0.038	28	53 - 140	0.027	-1	35		T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Decachlorobiphenyl (S)	mg/L	0.0190	0.0077	40	61 - 147	0.0061	32	23		T
Tetrachloro-m-xylene (S)	mg/L	0.0390	0.0220	56	44 - 130	0.0160	42	28		T

QC Result Comments

Matrix Spike - 5748907 - Aroclor 1260 (PCB-1260)

J4|Estimated Result

Matrix Spike Duplicate - 5748908 - Aroclor 1016 (PCB-1016)

J4|Estimated Result

Matrix Spike - 5748907 - Aroclor 1016 (PCB-1016)

J4|Estimated Result

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Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

QC Results

QC Batch: GCSt/5494 **Analysis Method:** EPA 8081
Preparation Method: EPA 3546
Associated Lab IDs: G2502693001, G2502693002, G2502693003

Method Blank(5748916)

Parameter	Results	Units	PQL	MDL	Lab
alpha-BHC	0.00053 U	mg/Kg	0.0020	0.00053	T
gamma-BHC (Lindane)	0.00043 U	mg/Kg	0.0020	0.00043	T
beta-BHC	0.00060 U	mg/Kg	0.0020	0.00060	T
delta-BHC	0.00062 U	mg/Kg	0.0020	0.00062	T
Heptachlor	0.00081 U	mg/Kg	0.0020	0.00081	T
Aldrin	0.00058 U	mg/Kg	0.0020	0.00058	T
Heptachlor Epoxide	0.00061 U	mg/Kg	0.0020	0.00061	T
Endosulfan I	0.00026 U	mg/Kg	0.0020	0.00026	T
4,4'-DDE	0.00028 U	mg/Kg	0.0020	0.00028	T
Dieldrin	0.0012 U	mg/Kg	0.0020	0.0012	T
Endrin	0.00039 U	mg/Kg	0.0020	0.00039	T
4,4'-DDD	0.0014 U	mg/Kg	0.0020	0.0014	T
Endosulfan II	0.00026 U	mg/Kg	0.0020	0.00026	T
Endrin Aldehyde	0.00075 U	mg/Kg	0.0020	0.00075	T
4,4'-DDT	0.00061 U	mg/Kg	0.0020	0.00061	T
Endosulfan Sulfate	0.0010 U	mg/Kg	0.0020	0.0010	T
Methoxychlor	0.00056 U	mg/Kg	0.0020	0.00056	T
Chlordane (technical)	0.015 U	mg/Kg	0.020	0.015	T
Toxaphene	0.017 U	mg/Kg	0.020	0.017	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Decachlorobiphenyl (S)	mg/L	0.02	0.0210	103	63 - 130	T
Tetrachloro-m-xylene (S)	mg/L	0.04	0.0360	90	42 - 129	T

Lab Control Sample (5748917)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
alpha-BHC	mg/Kg	0.0040	0.003	76	45 - 137	T
gamma-BHC (Lindane)	mg/Kg	0.0040	0.0032	81	49 - 135	T
beta-BHC	mg/Kg	0.0040	0.0037	92	50 - 136	T
delta-BHC	mg/Kg	0.0040	0.004	100	47 - 139	T
Heptachlor	mg/Kg	0.0040	0.0036	90	47 - 136	T
Aldrin	mg/Kg	0.0040	0.0034	85	45 - 136	T





FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

QC Batch: GCSt/5494
Preparation Method: EPA 3546
Associated Lab IDs: G2502693001, G2502693002, G2502693003

Analysis Method: EPA 8081

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Heptachlor Epoxide	mg/Kg	0.0040	0.0033	84	52 - 136	T
Endosulfan I	mg/Kg	0.0040	0.0033	83	53 - 132	T
4,4'-DDE	mg/Kg	0.0040	0.0033	83	56 - 134	T
Dieldrin	mg/Kg	0.0040	0.0034	86	56 - 136	T
Endrin	mg/Kg	0.0040	0.0039	96	57 - 140	T
4,4'-DDD	mg/Kg	0.0040	0.0038	94	56 - 139	T
Endosulfan II	mg/Kg	0.0040	0.0035	89	53 - 134	T
Endrin Aldehyde	mg/Kg	0.0040	0.0036	91	35 - 137	T
4,4'-DDT	mg/Kg	0.0040	0.0048	120	50 - 141	T
Endosulfan Sulfate	mg/Kg	0.0040	0.0036	89	55 - 136	T
Methoxychlor	mg/Kg	0.0040	0.005	126	52 - 143	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Decachlorobiphenyl (S)	mg/L	0.02	0.0180	88	63 - 130	T
Tetrachloro-m-xylene (S)	mg/L	0.04	0.0310	78	42 - 129	T

Matrix Spike (5748918); Matrix Spike Duplicate (5748919); Original (G2502693001); Parent Lab Sample (G2502693001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
alpha-BHC	mg/Kg	0.0039	0.0031	79	45 - 137	0.0037	94	20	30	T
gamma-BHC (Lindane)	mg/Kg	0.0039	0.0032	82	49 - 135	0.0037	95	16	30	T
beta-BHC	mg/Kg	0.0039	0.0043	111	50 - 136	0.0046	115	5	30	T
delta-BHC	mg/Kg	0.0039	0.0038	99	47 - 139	0.0043	110	13	30	T
Heptachlor	mg/Kg	0.0039	0.0031	80	47 - 136	0.0037	93	17	30	T
Aldrin	mg/Kg	0.0039	0.0031	80	45 - 136	0.0038	95	19	30	T
Heptachlor Epoxide	mg/Kg	0.0039	0.0031	79	52 - 136	0.0037	94	19	30	T
Endosulfan I	mg/Kg	0.0039	0.003	76	53 - 132	0.0035	90	18	30	T
4,4'-DDE	mg/Kg	0.0039	0.0031	80	56 - 134	0.0037	95	18	30	T
Dieldrin	mg/Kg	0.0039	0.0031	79	56 - 136	0.0036	91	16	30	T
Endrin	mg/Kg	0.0039	0.0036	93	57 - 140	0.004	102	11	30	T
4,4'-DDD	mg/Kg	0.0039	0.0034	89	56 - 139	0.0039	99	13	30	T
Endosulfan II	mg/Kg	0.0039	0.0031	80	53 - 134	0.0036	91	15	30	T
Endrin Aldehyde	mg/Kg	0.0039	0.0027	70	35 - 137	0.0028	71	3	30	T
4,4'-DDT	mg/Kg	0.0039	0.0033	85	50 - 141	0.0038	96	14	30	T
Endosulfan Sulfate	mg/Kg	0.0039	0.0035	89	55 - 136	0.0043	109	22	30	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

QC Batch: GCSt/5494
Preparation Method: EPA 3546
Associated Lab IDs: G2502693001, G2502693002, G2502693003
Analysis Method: EPA 8081

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Methoxychlor	mg/Kg	0.0039	0.0038	97	52 - 143	0.0046	115	18	30	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Decachlorobiphenyl (S)	mg/L	0.0190	0.0170	87	63 - 130	0.0190	98	14		T
Tetrachloro-m-xylene (S)	mg/L	0.0390	0.0290	75	42 - 129	0.0360	91	20		T

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Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

QC Results

QC Batch: GCS1/5508
Preparation Method: FL-PRO
Associated Lab IDs: G2502693001, G2502693002, G2502693003

Analysis Method: FL-PRO

Method Blank(5755473)

Parameter	Results	Units	PQL	MDL	Lab
TPH	4.8 U	mg/Kg	14	4.8	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Nonatricontane-C39 (S)	mg/L	6	4.10	69	36 - 132	T
o-Terphenyl (S)	mg/L	2	1.50	75	66 - 136	T

Lab Control Sample (5755474)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
TPH	mg/Kg	34	23	68	49 - 128	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Nonatricontane-C39 (S)	mg/L	6	3.40	56	36 - 132	T
o-Terphenyl (S)	mg/L	2	1.40	70	66 - 136	T

Matrix Spike (5755475); Matrix Spike Duplicate (5755476); Original (T2506233001); Parent Lab Sample (T2506233001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
TPH	mg/Kg	33	31	69	49 - 128	33	74	7	25	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Nonatricontane-C39 (S)	mg/L	5.80	3.30	57	36 - 132	3.70	62	11	25	T
o-Terphenyl (S)	mg/L	1.90	1.30	67	66 - 136	1.40	68	3	25	T

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Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

QC Results

QC Batch: ICP/5568 **Analysis Method:** SW-846 6010
Preparation Method: SW-846 3050B
Associated Lab IDs: G2502693001, G2502693002, G2502693003

Method Blank(5748151)

Parameter	Results	Units	PQL	MDL	Lab
Silver	0.20 U	mg/Kg	0.25	0.20	T
Arsenic	0.12 U	mg/Kg	0.25	0.12	T
Barium	0.12 U	mg/Kg	0.25	0.12	T
Cadmium	0.025 U	mg/Kg	0.050	0.025	T
Chromium	0.20 U	mg/Kg	0.25	0.20	T
Lead	0.12 U	mg/Kg	0.25	0.12	T
Selenium	0.50 U	mg/Kg	2.5	0.50	T

Lab Control Sample (5748152)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Silver	mg/Kg	2.50	2.5	100	80 - 120	T
Arsenic	mg/Kg	25	23	92	80 - 120	T
Barium	mg/Kg	25	24	95	80 - 120	T
Cadmium	mg/Kg	2.50	2.4	97	80 - 120	T
Chromium	mg/Kg	25	24	96	80 - 120	T
Lead	mg/Kg	25	24	97	80 - 120	T
Selenium	mg/Kg	25	23	90	80 - 120	T

Matrix Spike (5748153); Matrix Spike Duplicate (5748154); Original (T2506306001); Parent Lab Sample (T2506306001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Silver	mg/Kg	2.50	0.99	40	75 - 125	1	40	1	20	T
Arsenic	mg/Kg	25	25	101	75 - 125	26	103	2	20	T
Barium	mg/Kg	25	25	101	75 - 125	26	103	2	20	T
Cadmium	mg/Kg	2.50	2.4	96	75 - 125	2.4	97	1	20	T
Chromium	mg/Kg	25	26	104	75 - 125	26	105	1	20	T
Lead	mg/Kg	25	28	106	75 - 125	28	108	1	20	T
Selenium	mg/Kg	25	25	99	75 - 125	25	100	1	20	T





FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

QC Results

QC Batch: MSS1/3926
Preparation Method: SW-846 3550B
Associated Lab IDs: G2502693001, G2502693002, G2502693003

Analysis Method: SW-846 8270E

Method Blank(5755434)

Parameter	Results	Units	PQL	MDL	Lab
Phenol	0.039 U	mg/Kg	0.20	0.039	T
2-Chlorophenol	0.036 U	mg/Kg	0.20	0.036	T
2-Methylphenol (o-Cresol)	0.038 U	mg/Kg	0.20	0.038	T
3+4-Methylphenol(mp-Cresol)	0.049 U	mg/Kg	0.20	0.049	T
2-Nitrophenol	0.044 U	mg/Kg	0.20	0.044	T
2,4-Dimethylphenol	0.042 U	mg/Kg	0.20	0.042	T
Benzoic Acid	0.19 U	mg/Kg	0.20	0.19	T
2,4-Dichlorophenol	0.042 U	mg/Kg	0.20	0.042	T
2,6-Dichlorophenol	0.029 U	mg/Kg	0.20	0.029	T
4-Chloro-3-methylphenol	0.042 U	mg/Kg	0.20	0.042	T
2,4,6-Trichlorophenol	0.037 U	mg/Kg	0.20	0.037	T
2,4,5-Trichlorophenol	0.073 U	mg/Kg	0.20	0.073	T
2,4-Dinitrophenol	0.12 U	mg/Kg	0.20	0.12	T
4-Nitrophenol	0.056 U	mg/Kg	0.20	0.056	T
2,3,4,6-Tetrachlorophenol	0.042 U	mg/Kg	0.20	0.042	T
2-Methyl-4,6-dinitrophenol	0.045 U	mg/Kg	0.20	0.045	T
Pentachlorophenol	0.067 U	mg/Kg	0.20	0.067	T
Pyridine	0.061 U	mg/Kg	0.20	0.061	T
N-Nitrosodimethylamine	0.0090 U	mg/Kg	0.20	0.0090	T
2-Picoline (2-Methylpyridine)	0.10 U	mg/Kg	0.20	0.10	T
Methyl Methanesulfonate	0.036 U	mg/Kg	0.20	0.036	T
Ethyl methanesulfonate	0.051 U	mg/Kg	0.20	0.051	T
Aniline	0.044 U	mg/Kg	0.20	0.044	T
bis(2-Chloroethyl)Ether	0.041 U	mg/Kg	0.20	0.041	T
1,3-Dichlorobenzene	0.021 U	mg/Kg	0.20	0.021	T
1,4-Dichlorobenzene	0.045 U	mg/Kg	0.20	0.045	T
1,2-Dichlorobenzene	0.040 U	mg/Kg	0.20	0.040	T
Benzyl Alcohol	0.039 U	mg/Kg	0.20	0.039	T
bis(2-Chloroisopropyl) Ether	0.037 U	mg/Kg	0.20	0.037	T
Acetophenone	0.034 U	mg/Kg	0.20	0.034	T
N-Nitrosodi-n-propylamine	0.036 U	mg/Kg	0.20	0.036	T





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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

QC Batch: MSS1/3926
Preparation Method: SW-846 3550B
Associated Lab IDs: G2502693001, G2502693002, G2502693003

Analysis Method: SW-846 8270E

Parameter	Results	Units	PQL	MDL	Lab
Hexachloroethane	0.028 U	mg/Kg	0.20	0.028	T
Nitrobenzene	0.048 U	mg/Kg	0.20	0.048	T
N-Nitrosopiperidine	0.023 U	mg/Kg	0.20	0.023	T
Isophorone	0.022 U	mg/Kg	0.20	0.022	T
bis(2-Chloroethoxy)methane	0.029 U	mg/Kg	0.20	0.029	T
1,2,4-Trichlorobenzene	0.030 U	mg/Kg	0.20	0.030	T
Naphthalene	0.0048 U	mg/Kg	0.20	0.0048	T
a,a-Dimethylphenethylamine	0.036 U	mg/Kg	0.20	0.036	T
4-Chloroaniline	0.020 U	mg/Kg	0.20	0.020	T
Hexachlorobutadiene	0.033 U	mg/Kg	0.20	0.033	T
N-Nitrosodi-n-butylamine	0.035 U	mg/Kg	0.20	0.035	T
2-Methylnaphthalene	0.0048 U	mg/Kg	0.20	0.0048	T
1-Methylnaphthalene	0.0039 U	mg/Kg	0.20	0.0039	T
Hexachlorocyclopentadiene	0.033 U	mg/Kg	0.20	0.033	T
1,2,4,5-Tetrachlorobenzene	0.037 U	mg/Kg	0.20	0.037	T
2-Chloronaphthalene	0.039 U	mg/Kg	0.20	0.039	T
2-Nitroaniline	0.057 U	mg/Kg	0.20	0.057	T
Dimethyl phthalate	0.038 U	mg/Kg	0.20	0.038	T
2,6-Dinitrotoluene (2,6-DNT)	0.050 U	mg/Kg	0.20	0.050	T
Acenaphthylene	0.0051 U	mg/Kg	0.20	0.0051	T
3-Nitroaniline	0.057 U	mg/Kg	0.20	0.057	T
Acenaphthene	0.0046 U	mg/Kg	0.20	0.0046	T
Pentachlorobenzene	0.060 U	mg/Kg	0.20	0.060	T
Dibenzofuran	0.0053 U	mg/Kg	0.20	0.0053	T
2,4-Dinitrotoluene (2,4-DNT)	0.063 U	mg/Kg	0.20	0.063	T
1-Naphthylamine	0.053 U	mg/Kg	0.20	0.053	T
2-Naphthylamine	0.040 U	mg/Kg	0.20	0.040	T
Diethyl phthalate	0.039 U	mg/Kg	0.20	0.039	T
Fluorene	0.0044 U	mg/Kg	0.20	0.0044	T
4-Chlorophenyl Phenyl Ether	0.044 U	mg/Kg	0.20	0.044	T
4-Nitroaniline	0.057 U	mg/Kg	0.20	0.057	T
1,2-Diphenylhydrazine	0.077 U	mg/Kg	0.20	0.077	T
Phenacetin	0.068 U	mg/Kg	0.20	0.068	T
4-Bromophenyl Phenyl Ether	0.051 U	mg/Kg	0.20	0.051	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

QC Batch: MSS1/3926
Preparation Method: SW-846 3550B
Associated Lab IDs: G2502693001, G2502693002, G2502693003

Analysis Method: SW-846 8270E

Parameter	Results	Units	PQL	MDL	Lab
Hexachlorobenzene	0.059 U	mg/Kg	0.20	0.059	T
Pentachloronitrobenzene	0.063 U	mg/Kg	0.20	0.063	T
4-Aminobiphenyl	0.034 U	mg/Kg	0.20	0.034	T
Pronamide (Kerb)	0.054 U	mg/Kg	0.20	0.054	T
Phenanthrene	0.0057 U	mg/Kg	0.20	0.0057	T
Anthracene	0.0050 U	mg/Kg	0.20	0.0050	T
Carbazole	0.0040 U	mg/Kg	0.20	0.0040	T
Di-n-Butyl Phthalate	0.042 U	mg/Kg	0.20	0.042	T
Fluoranthene	0.048 U	mg/Kg	0.20	0.048	T
Benzidine	0.040 U	mg/Kg	0.20	0.040	T
Pyrene	0.0043 U	mg/Kg	0.20	0.0043	T
4-Dimethyl aminoazobenzene	0.059 U	mg/Kg	0.20	0.059	T
Butyl benzyl phthalate	0.028 U	mg/Kg	0.20	0.028	T
Benzo[a]anthracene	0.0046 U	mg/Kg	0.20	0.0046	T
3,3'-Dichlorobenzidine	0.027 U	mg/Kg	0.20	0.027	T
Chrysene	0.0051 U	mg/Kg	0.20	0.0051	T
bis(2-Ethylhexyl) phthalate	0.031 U	mg/Kg	0.20	0.031	T
Di-n-octyl Phthalate	0.026 U	mg/Kg	0.20	0.026	T
Benzo[b]fluoranthene	0.0064 U	mg/Kg	0.20	0.0064	T
7,12-Dimethylbenz[a]anthracene	0.081 U	mg/Kg	0.20	0.081	T
Benzo[k]fluoranthene	0.0067 U	mg/Kg	0.20	0.0067	T
Benzo[a]pyrene	0.0043 U	mg/Kg	0.20	0.0043	T
3-Methylcholanthrene	0.075 U	mg/Kg	0.20	0.075	T
Indeno(1,2,3-cd)pyrene	0.0039 U	mg/Kg	0.20	0.0039	T
Dibenzo[a,h]anthracene	0.0038 U	mg/Kg	0.20	0.0038	T
Benzo[g,h,i]perylene	0.0037 U	mg/Kg	0.20	0.0037	T
N-Nitrosodiphenylamine	0.026 U	mg/Kg	0.20	0.026	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
2,4,6-Tribromophenol (S)	mg/L	2	1.30	66	41 - 124	T^
2-Fluorobiphenyl (S)	mg/L	2	1.30	67	12 - 130	T
2-Fluorophenol (S)	mg/L	2	1.50	75	10 - 126	T^
Nitrobenzene-d5 (S)	mg/L	2	1.30	67	21 - 118	T





FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

QC Batch: MSS1/3926
Preparation Method: SW-846 3550B
Associated Lab IDs: G2502693001, G2502693002, G2502693003

Analysis Method: SW-846 8270E

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Phenol-d6 (S)	mg/L	2	1.50	74	4 - 137	T
p-Terphenyl-d14 (S)	mg/L	2	1.30	67	18 - 151	T

Lab Control Sample (5755435)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
N-Nitrosodimethylamine	mg/Kg	1.60	1.3	80	23 - 120	T
Pyridine	mg/Kg	1.60	1.1	69	41 - 110	T
Methyl Methanesulfonate	mg/Kg	1.60	1.2	77	38 - 117	T
Ethyl methanesulfonate	mg/Kg	1.60	1.3	82	34 - 136	T
Aniline	mg/Kg	1.60	1.1	67	55 - 111	T
Phenol	mg/Kg	1.60	1.1	68	34 - 121	T
bis(2-Chloroethyl)Ether	mg/Kg	1.60	1.3	82	31 - 120	T
2-Chlorophenol	mg/Kg	1.60	1.2	73	34 - 121	T
1,3-Dichlorobenzene	mg/Kg	1.60	1.2	73	30 - 115	T
1,4-Dichlorobenzene	mg/Kg	1.60	1.2	74	31 - 115	T
1,2-Dichlorobenzene	mg/Kg	1.60	1.2	72	33 - 117	T
Benzyl Alcohol	mg/Kg	1.60	1.2	73	29 - 122	T
bis(2-Chloroisopropyl) Ether	mg/Kg	1.60	1.2	72	33 - 131	T
2-Methylphenol (o-Cresol)	mg/Kg	1.60	1.2	75	32 - 122	T
Acetophenone	mg/Kg	1.60	1.2	74	33 - 115	T
N-Nitrosodi-n-propylamine	mg/Kg	1.60	1.2	77	36 - 120	T
3+4-Methylphenol(mp-Cresol)	mg/Kg	1.60	1.3	80	34 - 119	T
Hexachloroethane	mg/Kg	1.60	1.1	71	28 - 117	T
Nitrobenzene	mg/Kg	1.60	1.2	73	34 - 122	T
Isophorone	mg/Kg	1.60	1.2	74	30 - 122	T
2-Nitrophenol	mg/Kg	1.60	1.2	78	36 - 123	T
2,4-Dimethylphenol	mg/Kg	1.60	1.1	68	30 - 127	T
bis(2-Chloroethoxy)methane	mg/Kg	1.60	1.2	74	36 - 121	T
2,4-Dichlorophenol	mg/Kg	1.60	1.2	73	40 - 122	T
Benzoic Acid	mg/Kg	1.60	0.86	54	10 - 128	T
1,2,4-Trichlorobenzene	mg/Kg	1.60	1.1	67	34 - 118	T
Naphthalene	mg/Kg	1.60	1.1	68	38 - 111	T
4-Chloroaniline	mg/Kg	1.60	0.81	51	17 - 106	T
2,6-Dichlorophenol	mg/Kg	1.60	1.1	70	41 - 117	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

QC Batch: MSS1/3926
Preparation Method: SW-846 3550B
Associated Lab IDs: G2502693001, G2502693002, G2502693003

Analysis Method: SW-846 8270E

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Hexachlorobutadiene	mg/Kg	1.60	1.1	69	32 - 123	T
4-Chloro-3-methylphenol	mg/Kg	1.60	1.2	76	45 - 122	T
2-Methylnaphthalene	mg/Kg	1.60	1.2	75	39 - 114	T
1-Methylnaphthalene	mg/Kg	1.60	1.1	70	43 - 111	T
Hexachlorocyclopentadiene	mg/Kg	1.60	1.1	69	49 - 137	T
1,2,4,5-Tetrachlorobenzene	mg/Kg	1.60	1.2	72	37 - 119	T
2,4,6-Trichlorophenol	mg/Kg	1.60	1.2	72	39 - 126	T
2,4,5-Trichlorophenol	mg/Kg	1.60	1.3	84	41 - 124	T
2-Chloronaphthalene	mg/Kg	1.60	1.1	71	41 - 114	T
2-Nitroaniline	mg/Kg	1.60	1.3	81	44 - 127	T
Dimethyl phthalate	mg/Kg	1.60	1.2	73	48 - 124	T
2,6-Dinitrotoluene (2,6-DNT)	mg/Kg	1.60	1.2	77	46 - 124	T
Acenaphthylene	mg/Kg	1.60	1.2	73	39 - 116	T
3-Nitroaniline	mg/Kg	1.60	1.3	79	33 - 119	T
Acenaphthene	mg/Kg	1.60	1.2	74	44 - 111	T
2,4-Dinitrophenol	mg/Kg	1.60	1.1	68	52 - 122	T
Pentachlorobenzene	mg/Kg	1.60	1.2	74	54 - 125	T
Dibenzofuran	mg/Kg	1.60	1.2	73	35 - 108	T
2,4-Dinitrotoluene (2,4-DNT)	mg/Kg	1.60	1.3	79	48 - 126	T
4-Nitrophenol	mg/Kg	1.60	1.4	85	30 - 132	T
2,3,4,6-Tetrachlorophenol	mg/Kg	1.60	1	62	44 - 125	T
Diethyl phthalate	mg/Kg	1.60	1.2	76	50 - 124	T
Fluorene	mg/Kg	1.60	1.2	74	47 - 114	T
4-Chlorophenyl Phenyl Ether	mg/Kg	1.60	1.2	75	45 - 121	T
4-Nitroaniline	mg/Kg	1.60	1.3	80	79 - 122	T
2-Methyl-4,6-dinitrophenol	mg/Kg	1.60	1.2	75	29 - 132	T
N-Nitrosodiphenylamine	mg/Kg	1.60	1.1	67	38 - 127	T
1,2-Diphenylhydrazine	mg/Kg	1.60	1.4	88	41 - 125	T
Phenacetin	mg/Kg	1.60	1.4	85	57 - 133	T
4-Bromophenyl Phenyl Ether	mg/Kg	1.60	1.2	75	46 - 124	T
Hexachlorobenzene	mg/Kg	1.60	1.2	75	45 - 122	T
Pentachlorophenol	mg/Kg	1.60	0.76	47	25 - 133	T
Pentachloronitrobenzene	mg/Kg	1.60	1.3	78	38 - 134	T
Pronamide (Kerb)	mg/Kg	1.60	1.3	79	56 - 130	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

QC Batch: MSS1/3926
Preparation Method: SW-846 3550B
Associated Lab IDs: G2502693001, G2502693002, G2502693003

Analysis Method: SW-846 8270E

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Phenanthrene	mg/Kg	1.60	1.2	75	49 - 133	T
Anthracene	mg/Kg	1.60	1.2	77	50 - 114	T
Carbazole	mg/Kg	1.60	1.3	79	36 - 123	T
Di-n-Butyl Phthalate	mg/Kg	1.60	1.4	90	51 - 128	T
Fluoranthene	mg/Kg	1.60	1.3	80	55 - 119	T
Pyrene	mg/Kg	1.60	1.2	77	55 - 117	T
Butyl benzyl phthalate	mg/Kg	1.60	1.3	80	48 - 132	T
Benzo[a]anthracene	mg/Kg	1.60	1.3	80	54 - 122	T
Chrysene	mg/Kg	1.60	1.2	78	57 - 118	T
bis(2-Ethylhexyl) phthalate	mg/Kg	1.60	1.2	77	51 - 133	T
Di-n-octyl Phthalate	mg/Kg	1.60	1.4	90	45 - 140	T
Benzo[b]fluoranthene	mg/Kg	1.60	1.2	76	53 - 128	T
Benzo[k]fluoranthene	mg/Kg	1.60	1.3	78	56 - 123	T
Benzo[a]pyrene	mg/Kg	1.60	1.3	80	50 - 125	T
Indeno(1,2,3-cd)pyrene	mg/Kg	1.60	1.2	78	49 - 130	T
3-Methylcholanthrene	mg/Kg	1.60	1.3	84	56 - 134	T
Dibenzo[a,h]anthracene	mg/Kg	1.60	1.3	78	50 - 129	T
Benzo[g,h,i]perylene	mg/Kg	1.60	1.2	76	49 - 127	T
2-Picoline (2-Methylpyridine)	mg/Kg	1.60	1	62	27 - 103	T
N-Nitrosopiperidine	mg/Kg	1.60	1.2	72	60 - 119	T
a,a-Dimethylphenethylamine	mg/Kg	1.60	0.25	16	10 - 110	T
N-Nitrosodi-n-butylamine	mg/Kg	1.60	1.5	94	59 - 124	T
1-Naphthylamine	mg/Kg	1.60	1.7	105	64 - 131	T
2-Naphthylamine	mg/Kg	1.60	0.77	48	37 - 110	T
4-Aminobiphenyl	mg/Kg	1.60	0.76	48	10 - 77	T
Benzidine	mg/Kg	1.60	0.43	27	12 - 110	T
4-Dimethyl aminoazobenzene	mg/Kg	1.60	1.4	85	64 - 134	T
3,3'-Dichlorobenzidine	mg/Kg	1.60	1	64	22 - 121	T
7,12-Dimethylbenz[a]anthracene	mg/Kg	1.60	1.2	77	50 - 142	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
2,4,6-Tribromophenol (S)	mg/L	2	1.60	78	41 - 124	T^
2-Fluorobiphenyl (S)	mg/L	2	1.40	70	12 - 130	T





FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

QC Batch: MSS1/3926
Preparation Method: SW-846 3550B
Associated Lab IDs: G2502693001, G2502693002, G2502693003

Analysis Method: SW-846 8270E

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
2-Fluorophenol (S)	mg/L	2	1.50	73	10 - 126	T^
Nitrobenzene-d5 (S)	mg/L	2	1.40	70	21 - 118	T
Phenol-d6 (S)	mg/L	2	1.50	76	4 - 137	T
p-Terphenyl-d14 (S)	mg/L	2	1.50	74	18 - 151	T

Matrix Spike (5755436); Matrix Spike Duplicate (5755437); Original (T2506100001); Parent Lab Sample (T2506100001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
N-Nitrosodimethylamine	mg/Kg	1.60	1.6	99	23 - 120	1.1	71	33	20	T
Pyridine	mg/Kg	1.60	1.4	86	41 - 110	0.92	58	38	20	T
Methyl Methanesulfonate	mg/Kg	1.60	1.7	108	38 - 117	1.1	66	47	20	T
Ethyl methanesulfonate	mg/Kg	1.60	1.8	114	34 - 136	1.2	74	42	20	T
Aniline	mg/Kg	1.60	1.5	93	55 - 111	0.97	61	41	20	T
Phenol	mg/Kg	1.60	1.6	100	34 - 121	1.1	67	40	20	T
bis(2-Chloroethyl)Ether	mg/Kg	1.60	1.8	113	31 - 120	1.2	76	39	20	T
2-Chlorophenol	mg/Kg	1.60	1.6	104	34 - 121	1.1	70	38	20	T
1,3-Dichlorobenzene	mg/Kg	1.60	1.5	96	30 - 115	1.1	68	35	20	T
1,4-Dichlorobenzene	mg/Kg	1.60	1.5	97	31 - 115	1	66	38	20	T
1,2-Dichlorobenzene	mg/Kg	1.60	1.5	97	33 - 117	1.1	66	37	20	T
Benzyl Alcohol	mg/Kg	1.60	1.7	105	29 - 122	1.8	114	9	20	T
bis(2-Chloroisopropyl) Ethe	mg/Kg	1.60	1.6	98	33 - 131	1.1	68	36	20	T
2-Methylphenol (o-Cresol)	mg/Kg	1.60	1.7	108	32 - 122	1.2	73	38	20	T
Acetophenone	mg/Kg	1.60	1.7	105	33 - 115	1.1	72	37	20	T
N-Nitrosodi-n-propylamine	mg/Kg	1.60	1.7	108	36 - 120	1.1	72	40	20	T
3+4-Methylphenol(mp-Cres	mg/Kg	1.60	1.9	118	34 - 119	1.3	79	39	20	T
Hexachloroethane	mg/Kg	1.60	1.5	93	28 - 117	1.7	107	15	20	T
Nitrobenzene	mg/Kg	1.60	0.93	58	34 - 122	0.9	57	3	20	T
Isophorone	mg/Kg	1.60	0.83	53	30 - 122	0.93	59	11	20	T
2-Nitrophenol	mg/Kg	1.60	0.84	53	36 - 123	0.97	61	14	20	T
2,4-Dimethylphenol	mg/Kg	1.60	0.73	46	30 - 127	0.86	54	17	20	T
bis(2-Chloroethoxy)methan	mg/Kg	1.60	0.78	49	36 - 121	0.9	56	14	20	T
2,4-Dichlorophenol	mg/Kg	1.60	0.79	50	40 - 122	0.9	57	12	20	T
Benzoic Acid	mg/Kg	1.60	0.62	39	10 - 128	0.59	37	4	20	T
1,2,4-Trichlorobenzene	mg/Kg	1.60	0.73	46	34 - 118	0.86	54	16	20	T

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Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

QC Batch: MSS1/3926
Preparation Method: SW-846 3550B
Associated Lab IDs: G2502693001, G2502693002, G2502693003

Analysis Method: SW-846 8270E

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Naphthalene	mg/Kg	1.60	0.74	47	38 - 111	0.85	54	14	20	T
4-Chloroaniline	mg/Kg	1.60	0.84	53	17 - 106	0.95	60	12	20	T
2,6-Dichlorophenol	mg/Kg	1.60	0.82	52	41 - 117	0.91	58	11	20	T
Hexachlorobutadiene	mg/Kg	1.60	0.69	43	32 - 123	0.81	51	16	20	T
4-Chloro-3-methylphenol	mg/Kg	1.60	0.97	61	45 - 122	1	65	6	20	T
2-Methylnaphthalene	mg/Kg	1.60	0.87	55	39 - 114	0.97	61	11	20	T
1-Methylnaphthalene	mg/Kg	1.60	0.8	51	43 - 111	0.91	57	13	20	T
Hexachlorocyclopentadie	mg/Kg	1.60	0.72	45	49 - 137	0.79	50	10	20	T
1,2,4,5-Tetrachlorobenzene	mg/Kg	1.60	0.79	50	37 - 119	0.88	55	11	20	T
2,4,6-Trichlorophenol	mg/Kg	1.60	0.9	57	39 - 126	0.9	57	0	20	T
2,4,5-Trichlorophenol	mg/Kg	1.60	1	66	41 - 124	1.1	68	4	20	T
2-Chloronaphthalene	mg/Kg	1.60	0.99	63	41 - 114	1.1	66	6	20	T
2-Nitroaniline	mg/Kg	1.60	1	66	44 - 127	1	65	0	20	T
Dimethyl phthalate	mg/Kg	1.60	0.97	61	48 - 124	0.99	62	2	20	T
2,6-Dinitrotoluene (2,6-DNT	mg/Kg	1.60	0.98	62	46 - 124	1	64	3	20	T
Acenaphthylene	mg/Kg	1.60	0.92	58	39 - 116	0.97	61	5	20	T
3-Nitroaniline	mg/Kg	1.60	1	66	33 - 119	1	65	0	20	T
Acenaphthene	mg/Kg	1.60	0.93	59	44 - 111	0.99	62	6	20	T
2,4-Dinitrophenol	mg/Kg	1.60	1.6	101	52 - 122	0.61	38	89	20	T
Pentachlorobenzene	mg/Kg	1.60	0.93	59	54 - 125	0.96	61	4	20	T
Dibenzofuran	mg/Kg	1.60	0.93	58	35 - 108	0.96	60	4	20	T
2,4-Dinitrotoluene (2,4-DNT	mg/Kg	1.60	1	64	48 - 126	1	64	1	20	T
4-Nitrophenol	mg/Kg	1.60	1.1	70	30 - 132	1	63	10	20	T
2,3,4,6-Tetrachlorophenol	mg/Kg	1.60	0.86	54	44 - 125	0.81	51	6	20	T
Diethyl phthalate	mg/Kg	1.60	1	63	50 - 124	1	63	0	20	T
Fluorene	mg/Kg	1.60	0.98	62	47 - 114	1	64	3	20	T
4-Chlorophenyl Phenyl Eth	mg/Kg	1.60	0.92	58	45 - 121	0.98	61	6	20	T
4-Nitroaniline	mg/Kg	1.60	1.3	84	79 - 122	1.5	91	8	20	T
2-Methyl-4,6-dinitrophenol	mg/Kg	1.60	1	64	29 - 132	0.94	59	8	20	T
N-Nitrosodiphenylamine	mg/Kg	1.60	0.88	55	38 - 127	0.88	55	0	20	T
1,2-Diphenylhydrazine	mg/Kg	1.60	1	65	41 - 125	1.1	68	6	20	T
Phenacetin	mg/Kg	1.60	1.1	68	57 - 133	1.1	68	0	20	T
4-Bromophenyl Phenyl Eth	mg/Kg	1.60	1	63	46 - 124	1	64	2	20	T





FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

QC Batch: MSS1/3926
Preparation Method: SW-846 3550B
Associated Lab IDs: G2502693001, G2502693002, G2502693003

Analysis Method: SW-846 8270E

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Hexachlorobenzene	mg/Kg	1.60	1	64	45 - 122	1	64	1	20	T
Pentachlorophenol	mg/Kg	1.60	0.71	45	25 - 133	0.73	46	2	20	T
Pentachloronitrobenzene	mg/Kg	1.60	1	65	38 - 134	1.1	67	3	20	T
Pronamide (Kerb)	mg/Kg	1.60	1	66	56 - 130	1	65	1	20	T
Phenanthrene	mg/Kg	1.60	0.98	62	49 - 133	1	64	3	20	T
Anthracene	mg/Kg	1.60	1	64	50 - 114	1	66	4	20	T
Carbazole	mg/Kg	1.60	1.1	70	36 - 123	1.1	68	1	20	T
Di-n-Butyl Phthalate	mg/Kg	1.60	1.2	78	51 - 128	1.3	79	1	20	T
Fluoranthene	mg/Kg	1.60	1.1	72	55 - 119	1.1	69	3	20	T
Pyrene	mg/Kg	1.60	1	64	55 - 117	1.1	70	9	20	T
Butyl benzyl phthalate	mg/Kg	1.60	1.1	67	48 - 132	1.1	72	8	20	T
Benzo[a]anthracene	mg/Kg	1.60	1	66	54 - 122	1.1	70	6	20	T
Chrysene	mg/Kg	1.60	1	64	57 - 118	1	66	4	20	T
bis(2-Ethylhexyl) phthalate	mg/Kg	1.60	1	64	51 - 133	1.1	67	6	20	T
Di-n-octyl Phthalate	mg/Kg	1.60	1.1	69	45 - 140	1.2	76	10	20	T
Benzo[b]fluoranthene	mg/Kg	1.60	1.1	72	53 - 128	1.2	74	3	20	T
Benzo[k]fluoranthene	mg/Kg	1.60	1	63	56 - 123	1.1	68	7	20	T
Benzo[a]pyrene	mg/Kg	1.60	1.1	69	50 - 125	1.1	70	3	20	T
Indeno(1,2,3-cd)pyrene	mg/Kg	1.60	1.2	75	49 - 130	1.2	77	4	20	T
3-Methylcholanthrene	mg/Kg	1.60	1.1	68	56 - 134	1.2	73	8	20	T
Dibenzo[a,h]anthracene	mg/Kg	1.60	1	63	50 - 129	1	66	5	20	T
Benzo[g,h,i]perylene	mg/Kg	1.60	0.96	61	49 - 127	1	64	5	20	T
2-Picoline (2-Methylpyridine	mg/Kg	1.60	1.3	83	27 - 103	0.84	53	43	20	T
N-Nitrosopiperidine	mg/Kg	1.60	0.8	51	60 - 119	0.87	55	8	20	T
a,a-Dimethylphenethylamin	mg/Kg	1.60	0.17	11	10 - 110	0.13	8	29	20	T
N-Nitrosodi-n-butylamine	mg/Kg	1.60	1.1	69	59 - 124	1.1	72	4	20	T
1-Naphthylamine	mg/Kg	1.60	1.6	98	64 - 131	1.5	93	6	20	T
2-Naphthylamine	mg/Kg	1.60	0.67	42	37 - 110	0.63	40	6	20	T
4-Aminobiphenyl	mg/Kg	1.60	0.66	42	10 - 77	0.72	46	9	20	T
Benzidine	mg/Kg	1.60	0.3	19	12 - 110	0.3	19	0	20	T
4-Dimethyl aminoazobenze	mg/Kg	1.60	1.1	72	64 - 134	1.2	73	2	20	T
3,3'-Dichlorobenzidine	mg/Kg	1.60	0.8	50	22 - 121	0.84	53	5	20	T
7,12-Dimethylbenz[a]anthra	mg/Kg	1.60	0.98	62	50 - 142	1.1	67	9	20	T





FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

QC Batch: MSS1/3926
Preparation Method: SW-846 3550B
Associated Lab IDs: G2502693001, G2502693002, G2502693003

Analysis Method: SW-846 8270E

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
2,4,6-Tribromophenol (S)	mg/L	2	1.30	63	41 - 124	1.30	63	0	20	T^
2-Fluorobiphenyl (S)	mg/L	2	0.99	50	12 - 130	1	52	4	20	T
2-Fluorophenol (S)	mg/L	2	2	99	10 - 126	1.30	66	39	20	T^
Nitrobenzene-d5 (S)	mg/L	2	0.92	47	21 - 118	1	51	9	20	T
Phenol-d6 (S)	mg/L	2	2.20	112	4 - 137	1.40	69	48	20	T
p-Terphenyl-d14 (S)	mg/L	2	1.20	61	18 - 151	1.20	63	4	20	T

QC Result Comments

Matrix Spike - 5755436 - Hexachlorocyclopentadiene

J4|Estimated Result

Matrix Spike - 5755436 - N-Nitrosopiperidine

J4|Estimated Result

Matrix Spike Duplicate - 5755437 - 1,2-Dichlorobenzene

J4|Estimated Result

Matrix Spike Duplicate - 5755437 - 1,3-Dichlorobenzene

J4|Estimated Result

Matrix Spike Duplicate - 5755437 - 1,4-Dichlorobenzene

J4|Estimated Result

Matrix Spike Duplicate - 5755437 - 2,4-Dinitrophenol

J4|Estimated Result

Matrix Spike Duplicate - 5755437 - 2-Chlorophenol

J4|Estimated Result

Matrix Spike Duplicate - 5755437 - 2-Methylphenol (o-Cresol)

J4|Estimated Result

Matrix Spike Duplicate - 5755437 - 2-Picoline (2-Methylpyridine)

J4|Estimated Result

Matrix Spike Duplicate - 5755437 - 3+4-Methylphenol(mp-Cresol)

J4|Estimated Result

Matrix Spike Duplicate - 5755437 - Acetophenone

J4|Estimated Result

Matrix Spike Duplicate - 5755437 - Aniline

J4|Estimated Result

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Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

QC Result Comments

Matrix Spike Duplicate - 5755437 - Ethyl methanesulfonate

J4|Estimated Result

Matrix Spike Duplicate - 5755437 - Methyl Methanesulfonate

J4|Estimated Result

Matrix Spike Duplicate - 5755437 - N-Nitrosodi-n-propylamine

J4|Estimated Result

Matrix Spike Duplicate - 5755437 - N-Nitrosopiperidine

J4|Estimated Result

Matrix Spike Duplicate - 5755437 - Phenol

J4|Estimated Result

Matrix Spike Duplicate - 5755437 - Pyridine

J4|Estimated Result

Matrix Spike Duplicate - 5755437 - a,a-Dimethylphenethylamine

J4|Estimated Result

Matrix Spike Duplicate - 5755437 - bis(2-Chloroethyl)Ether

J4|Estimated Result

Matrix Spike Duplicate - 5755437 - bis(2-Chloroisopropyl) Ether

J4|Estimated Result

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Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

QC Results

QC Batch: MSVt/11317
Preparation Method: SW-846 5035
Associated Lab IDs: G2502693001, G2502693002, G2502693003

Analysis Method: SW-846 8260D

Method Blank(5748972)

Parameter	Results	Units	PQL	MDL	Lab
Dichlorodifluoromethane	0.0010 U	mg/Kg	0.0030	0.0010	T
Chloromethane	0.00069 U	mg/Kg	0.0030	0.00069	T
Vinyl Chloride	0.00058 U	mg/Kg	0.0030	0.00058	T
Bromomethane	0.0012 U	mg/Kg	0.0030	0.0012	T
Chloroethane	0.0015 U	mg/Kg	0.0030	0.0015	T
Trichlorofluoromethane	0.00066 U	mg/Kg	0.0030	0.00066	T
Acrolein (Propenal)	0.0062 U	mg/Kg	0.015	0.0062	T
Acetone	0.0022 U	mg/Kg	0.0030	0.0022	T
1,1-Dichloroethylene	0.00073 U	mg/Kg	0.0030	0.00073	T
Iodomethane (Methyl Iodide)	0.0021 U	mg/Kg	0.0030	0.0021	T
Acrylonitrile	0.00052 U	mg/Kg	0.0030	0.00052	T
Methylene Chloride	0.0040 U	mg/Kg	0.0050	0.0040	T
Carbon Disulfide	0.00086 U	mg/Kg	0.0030	0.00086	T
trans-1,2-Dichloroethylene	0.00061 U	mg/Kg	0.0030	0.00061	T
Methyl tert-butyl Ether (MTBE)	0.00098 U	mg/Kg	0.0030	0.00098	T
1,1-Dichloroethane	0.00070 U	mg/Kg	0.0030	0.00070	T
Vinyl Acetate	0.0015 U	mg/Kg	0.0030	0.0015	T
2-Butanone (MEK)	0.0010 U	mg/Kg	0.0030	0.0010	T
cis-1,2-Dichloroethylene	0.00059 U	mg/Kg	0.0030	0.00059	T
Bromochloromethane	0.00064 U	mg/Kg	0.0030	0.00064	T
Chloroform	0.00061 U	mg/Kg	0.0030	0.00061	T
2,2-Dichloropropane	0.0012 U	mg/Kg	0.0030	0.0012	T
1,2-Dichloroethane	0.00078 U	mg/Kg	0.0030	0.00078	T
1,1,1-Trichloroethane	0.00070 U	mg/Kg	0.0030	0.00070	T
1,1-Dichloropropene	0.00049 U	mg/Kg	0.0030	0.00049	T
Carbon Tetrachloride	0.00084 U	mg/Kg	0.0030	0.00084	T
Benzene	0.00050 U	mg/Kg	0.0030	0.00050	T
Dibromomethane	0.00060 U	mg/Kg	0.0030	0.00060	T
1,2-Dichloropropane	0.00054 U	mg/Kg	0.0030	0.00054	T
Trichloroethene	0.00074 U	mg/Kg	0.0030	0.00074	T
Bromodichloromethane	0.00053 U	mg/Kg	0.0030	0.00053	T





FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

QC Batch: MSVt/11317
Preparation Method: SW-846 5035
Associated Lab IDs: G2502693001, G2502693002, G2502693003

Analysis Method: SW-846 8260D

Parameter	Results	Units	PQL	MDL	Lab
2-Chloroethyl Vinyl Ether	0.0026 U	mg/Kg	0.0030	0.0026	T
cis-1,3-Dichloropropene	0.0021 U	mg/Kg	0.0030	0.0021	T
4-Methyl-2-pentanone (MIBK)	0.00068 U	mg/Kg	0.0030	0.00068	T
trans-1,3-Dichloropropylene	0.0018 U	mg/Kg	0.0030	0.0018	T
1,1,2-Trichloroethane	0.00049 U	mg/Kg	0.0030	0.00049	T
Toluene	0.00037 U	mg/Kg	0.0030	0.00037	T
1,3-Dichloropropane	0.00043 U	mg/Kg	0.0030	0.00043	T
2-Hexanone	0.0015 U	mg/Kg	0.0030	0.0015	T
Dibromochloromethane	0.0017 U	mg/Kg	0.0030	0.0017	T
Ethylene Dibromide (EDB)	0.00050 U	mg/Kg	0.0030	0.00050	T
Tetrachloroethylene (PCE)	0.00057 U	mg/Kg	0.0030	0.00057	T
1,1,1,2-Tetrachloroethane	0.00096 U	mg/Kg	0.0030	0.00096	T
Chlorobenzene	0.00044 U	mg/Kg	0.0030	0.00044	T
Ethylbenzene	0.00036 U	mg/Kg	0.0030	0.00036	T
Bromoform	0.0020 U	mg/Kg	0.0030	0.0020	T
Styrene	0.00040 U	mg/Kg	0.0030	0.00040	T
1,1,2,2-Tetrachloroethane	0.00051 U	mg/Kg	0.0030	0.00051	T
1,2,3-Trichloropropane	0.0017 U	mg/Kg	0.0030	0.0017	T
Isopropylbenzene	0.00063 U	mg/Kg	0.0030	0.00063	T
Bromobenzene	0.00056 U	mg/Kg	0.0030	0.00056	T
n-propylbenzene	0.00070 U	mg/Kg	0.0030	0.00070	T
2-Chlorotoluene	0.00067 U	mg/Kg	0.0030	0.00067	T
4-Chlorotoluene	0.00074 U	mg/Kg	0.0030	0.00074	T
1,3,5-Trimethylbenzene	0.00067 U	mg/Kg	0.0030	0.00067	T
tert-butylbenzene	0.00091 U	mg/Kg	0.0030	0.00091	T
1,2,4-Trimethylbenzene	0.00088 U	mg/Kg	0.0030	0.00088	T
sec-butylbenzene	0.00067 U	mg/Kg	0.0030	0.00067	T
1,3-Dichlorobenzene	0.00055 U	mg/Kg	0.0030	0.00055	T
1,4-Dichlorobenzene	0.00066 U	mg/Kg	0.0030	0.00066	T
1,2-Dichlorobenzene	0.00048 U	mg/Kg	0.0030	0.00048	T
n-Butylbenzene	0.00082 U	mg/Kg	0.0030	0.00082	T
1,2-Dibromo-3-Chloropropane	0.0013 U	mg/Kg	0.0030	0.0013	T
1,2,4-Trichlorobenzene	0.00065 U	mg/Kg	0.0030	0.00065	T
Naphthalene	0.0014 U	mg/Kg	0.0030	0.0014	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

QC Batch: MSVt/11317
Preparation Method: SW-846 5035
Associated Lab IDs: G2502693001, G2502693002, G2502693003

Analysis Method: SW-846 8260D

Parameter	Results	Units	PQL	MDL	Lab
Hexachlorobutadiene	0.0015 U	mg/Kg	0.0030	0.0015	T
1,2,3-Trichlorobenzene	0.00080 U	mg/Kg	0.0030	0.00080	T
Xylene (Total)	0.0013 U	mg/Kg	0.0060	0.0013	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	62	125	69 - 134	T
Bromofluorobenzene (S)	ug/L	50	59	118	79 - 126	T
Toluene-d8 (S)	ug/L	50	53	107	72 - 122	T

Lab Control Sample (5748973); Lab Control Sample Duplicate (5748974); Parent Lab Sample (G2502693001, G2502693002, G2502693003)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Dichlorodifluoromethane	mg/Kg	0.02	0.023	114	10 - 150	0.021	104	9	20	T
Chloromethane	mg/Kg	0.02	0.023	117	50 - 136	0.023	117	1	20	T
Vinyl Chloride	mg/Kg	0.02	0.025	127	56 - 135	0.026	130	2	20	T
Bromomethane	mg/Kg	0.02	0.025	124	53 - 143	0.022	110	11	20	T
Chloroethane	mg/Kg	0.02	0.023	113	59 - 139	0.025	124	9	20	T
Trichlorofluoromethane	mg/Kg	0.02	0.023	114	62 - 140	0.021	106	7	20	T
Acetone	mg/Kg	0.02	0.022	108	36 - 164	0.022	109	0	20	T
1,1-Dichloroethylene	mg/Kg	0.02	0.024	119	70 - 131	0.026	128	7	20	T
Methylene Chloride	mg/Kg	0.02	0.016	81	70 - 128	0.016	81	1	20	T
Carbon Disulfide	mg/Kg	0.02	0.024	120	63 - 132	0.023	114	5	20	T
trans-1,2-Dichloroethylene	mg/Kg	0.02	0.023	116	74 - 125	0.024	119	2	20	T
Methyl tert-butyl Ether (MT)	mg/Kg	0.02	0.02	102	73 - 125	0.02	100	3	20	T
1,1-Dichloroethane	mg/Kg	0.02	0.023	114	76 - 125	0.023	115	1	20	T
2-Butanone (MEK)	mg/Kg	0.02	0.023	113	51 - 148	0.023	114	1	20	T
cis-1,2-Dichloroethylene	mg/Kg	0.02	0.023	113	77 - 123	0.023	117	3	20	T
Chloroform	mg/Kg	0.02	0.023	117	78 - 123	0.022	112	4	20	T
1,2-Dichloroethane	mg/Kg	0.02	0.023	116	73 - 128	0.024	119	3	20	T
1,1,1-Trichloroethane	mg/Kg	0.02	0.023	117	73 - 130	0.024	119	2	20	T
Carbon Tetrachloride	mg/Kg	0.02	0.024	119	70 - 135	0.024	119	0	20	T
Benzene	mg/Kg	0.02	0.023	114	77 - 121	0.022	108	5	20	T
1,2-Dichloropropane	mg/Kg	0.02	0.022	112	76 - 123	0.022	110	2	20	T
Trichloroethene	mg/Kg	0.02	0.022	111	77 - 123	0.021	106	5	20	T
Bromodichloromethane	mg/Kg	0.02	0.022	109	75 - 127	0.021	103	5	20	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

QC Batch: MSVt/11317
Preparation Method: SW-846 5035
Associated Lab IDs: G2502693001, G2502693002, G2502693003

Analysis Method: SW-846 8260D

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
cis-1,3-Dichloropropene	mg/Kg	0.02	0.021	103	74 - 126	0.02	101	2	20	T
4-Methyl-2-pentanone (MIB)	mg/Kg	0.02	0.021	105	65 - 135	0.021	106	0	20	T
trans-1,3-Dichloropropylene	mg/Kg	0.02	0.021	105	71 - 130	0.02	100	5	20	T
1,1,2-Trichloroethane	mg/Kg	0.02	0.02	101	78 - 121	0.02	98	3	20	T
Toluene	mg/Kg	0.02	0.023	113	77 - 121	0.022	108	4	20	T
2-Hexanone	mg/Kg	0.02	0.022	108	53 - 145	0.022	112	3	20	T
Dibromochloromethane	mg/Kg	0.02	0.021	104	74 - 126	0.021	104	0	20	T
Ethylene Dibromide (EDB)	mg/Kg	0.02	0.02	102	78 - 122	0.02	101	2	20	T
Tetrachloroethylene (PCE)	mg/Kg	0.02	0.021	104	73 - 128	0.019	96	8	20	T
Chlorobenzene	mg/Kg	0.02	0.021	107	79 - 120	0.02	101	5	20	T
Ethylbenzene	mg/Kg	0.02	0.022	112	76 - 122	0.022	108	4	20	T
Bromoform	mg/Kg	0.02	0.019	96	67 - 132	0.019	97	1	20	T
Styrene	mg/Kg	0.02	0.021	104	76 - 124	0.02	100	4	20	T
1,1,2,2-Tetrachloroethane	mg/Kg	0.02	0.02	100	70 - 124	0.02	100	0	20	T
Isopropylbenzene	mg/Kg	0.02	0.021	104	68 - 134	0.02	102	2	20	T
1,3-Dichlorobenzene	mg/Kg	0.02	0.019	94	77 - 121	0.018	91	3	20	T
1,4-Dichlorobenzene	mg/Kg	0.02	0.019	95	75 - 120	0.019	94	1	20	T
1,2-Dichlorobenzene	mg/Kg	0.02	0.019	95	78 - 121	0.018	92	3	20	T
1,2-Dibromo-3-Chloropropa	mg/Kg	0.02	0.018	90	61 - 132	0.018	91	0	20	T
1,2,4-Trichlorobenzene	mg/Kg	0.02	0.017	84	67 - 129	0.017	85	1	20	T
Xylene (Total)	mg/Kg	0.06	0.069	115	78 - 124	0.066	110	5	20	T
1,1-Dichloropropene	mg/Kg	0.02	0.023	115	76 - 125	0.022	109	6	20	T
1,1,1,2-Tetrachloroethane	mg/Kg	0.02	0.02	102	78 - 125	0.02	101	1	20	T
1,2,3-Trichlorobenzene	mg/Kg	0.02	0.016	80	66 - 130	0.016	82	2	20	T
1,2,3-Trichloropropane	mg/Kg	0.02	0.021	105	73 - 125	0.021	105	0	20	T
1,2,4-Trimethylbenzene	mg/Kg	0.02	0.021	103	75 - 123	0.02	101	2	20	T
1,3,5-Trimethylbenzene	mg/Kg	0.02	0.022	108	73 - 124	0.021	103	5	20	T
1,3-Dichloropropane	mg/Kg	0.02	0.02	102	77 - 121	0.02	99	3	20	T
2,2-Dichloropropane	mg/Kg	0.02	0.022	110	67 - 133	0.023	114	3	20	T
2-Chloroethyl Vinyl Ether	mg/Kg	0.02	0.021	106	43 - 149	0.021	104	2	20	T
2-Chlorotoluene	mg/Kg	0.02	0.021	104	75 - 122	0.02	101	3	20	T
4-Chlorotoluene	mg/Kg	0.02	0.021	106	72 - 124	0.021	103	3	20	T
Acrolein (Propenal)	mg/Kg	0.10	0.093	93	10 - 150	0.088	88	5	20	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

QC Batch: MSVt/11317
Preparation Method: SW-846 5035
Associated Lab IDs: G2502693001, G2502693002, G2502693003

Analysis Method: SW-846 8260D

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Bromobenzene	mg/Kg	0.02	0.02	102	78 - 121	0.02	100	3	20	T
Dibromomethane	mg/Kg	0.02	0.022	109	78 - 125	0.021	103	6	20	T
Hexachlorobutadiene	mg/Kg	0.02	0.017	83	61 - 135	0.017	83	0	20	T
Naphthalene	mg/Kg	0.02	0.015	75	62 - 129	0.016	82	9	20	T
n-Butylbenzene	mg/Kg	0.02	0.022	110	70 - 128	0.021	103	6	20	T
n-propylbenzene	mg/Kg	0.02	0.021	106	73 - 125	0.02	102	4	20	T
sec-butylbenzene	mg/Kg	0.02	0.02	102	73 - 126	0.02	99	3	20	T
Vinyl Acetate	mg/Kg	0.02	0.024	119	10 - 150	0.024	118	1	20	T
Acrylonitrile	mg/Kg	0.02	0.023	114	65 - 134	0.022	112	1	20	T
Iodomethane (Methyl Iodid	mg/Kg	0.02	0.022	109	10 - 150	0.022	111	2	20	T
tert-butylbenzene	mg/Kg	0.02	0.02	99	73 - 125	0.019	96	2	20	T
Bromochloromethane	mg/Kg	0.02	0.023	114	78 - 125	0.022	111	3	20	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	59	118	69 - 134	60	119	2		T
Bromofluorobenzene (S)	ug/L	50	52	103	79 - 126	52	105	1		T
Toluene-d8 (S)	ug/L	50	53	105	72 - 122	53	106	0		T

Matrix Spike (5748975); Original (T2505895001); Parent Lab Sample (T2505895001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Methyl tert-butyl Ether (MTBE)	mg/Kg	0.02	0.02	100	73 - 125	T
Benzene	mg/Kg	0.02	0.021	107	77 - 121	T
Toluene	mg/Kg	0.02	0.021	107	77 - 121	T
Ethylbenzene	mg/Kg	0.02	0.022	108	76 - 122	T
Xylene (Total)	mg/Kg	0.06	0.065	109	78 - 124	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	60	120	69 - 134	T
Bromofluorobenzene (S)	ug/L	50	51	102	79 - 126	T
Toluene-d8 (S)	ug/L	50	53	105	72 - 122	T





FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502693)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
CVAI/2516 - SW-846 7471A			
G2502693001	HA-3 4-6	DGMt/9371	SW-846 7471A
G2502693002	HA-7 05-2	DGMt/9371	SW-846 7471A
G2502693003	HA-9 05-2	DGMt/9371	SW-846 7471A
GCSt/5493 - SW-846 8082A			
G2502693001	HA-3 4-6	EXTt/7142	EPA 3546
G2502693002	HA-7 05-2	EXTt/7142	EPA 3546
G2502693003	HA-9 05-2	EXTt/7142	EPA 3546
GCSt/5494 - EPA 8081			
G2502693001	HA-3 4-6	EXTt/7143	EPA 3546
G2502693002	HA-7 05-2	EXTt/7143	EPA 3546
G2502693003	HA-9 05-2	EXTt/7143	EPA 3546
GCSt/5508 - FL-PRO			
G2502693001	HA-3 4-6	EXTt/7162	FL-PRO
G2502693002	HA-7 05-2	EXTt/7162	FL-PRO
G2502693003	HA-9 05-2	EXTt/7162	FL-PRO
ICPt/5568 - SW-846 6010			
G2502693001	HA-3 4-6	DGMt/9332	SW-846 3050B
G2502693002	HA-7 05-2	DGMt/9332	SW-846 3050B
G2502693003	HA-9 05-2	DGMt/9332	SW-846 3050B
MSSSt/3926 - SW-846 8270E			
G2502693001	HA-3 4-6	EXTt/7160	SW-846 3550B
G2502693002	HA-7 05-2	EXTt/7160	SW-846 3550B
G2502693003	HA-9 05-2	EXTt/7160	SW-846 3550B
MSVt/11317 - SW-846 8260D			
G2502693001	HA-3 4-6	MSVt/11316	SW-846 5035
G2502693002	HA-7 05-2	MSVt/11316	SW-846 5035
G2502693003	HA-9 05-2	MSVt/11316	SW-846 5035
WCAI/38212 - SM 2540G			
G2502693001	HA-3 4-6		
G2502693002	HA-7 05-2		
G2502693003	HA-9 05-2		





☐ **Gainesville:** 4465 SW 1st Blvd., FL 32608 • 352.377.2249 • Lab ID: EB2201

☐ **Miramar:** 10200 USA Today Way, FL 33025 • 954.889.2298 • Lab ID: EB2353

☐ **Tampa:** 9610 Princess Palm Ave., FL 33619 • 813.630.6616 • Lab ID: EB4598

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Advanced Environmental Laboratories, Inc.
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Fax: (352) 395-6639

FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502990)

March 31, 2025

Jay Nordqvist
GSE Engineering
5590 SW 64th St. Suite B
Gainesville, FL 32608

RE: Workorder: G2502990 FAIRBANKS RURAL COLLECTION CTR

Dear Jay Nordqvist:

Enclosed are the analytical results for sample(s) received by the laboratory on Monday March 24, 2025. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Desmond Brady
DBrady@aellab.com

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Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502990)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
G2502990001	TMP-1	WA	EPA 8081	03/24/2025 10:15	03/24/2025 11:00	19	NA
G2502990001	TMP-1	WA	FL-PRO	03/24/2025 10:15	03/24/2025 11:00	1	NA
G2502990001	TMP-1	WA	SW-846 8082A	03/24/2025 10:15	03/24/2025 11:00	7	NA
G2502990001	TMP-1	WA	SW-846 8260D	03/24/2025 10:15	03/24/2025 11:00	68	NA
G2502990001	TMP-1	WA	SW-846 8270E	03/24/2025 10:15	03/24/2025 11:00	92	NA

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Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502990)

Workorder Summary

Batch Comments

MSS/t/3946 - 8270/625 Analysis, Water

The relative percent difference (RPD) for Benzoic Acid, 2,4 Dinitrophenol, 4-Nitrophenol, Diphenylamine, between the Laboratory Control Sample (5765446) and the Laboratory Control Sample Duplicate (5765447) was outside control criteria. Spike recoveries in the LCS and LCSD were within acceptable limits, indicating that the analytical batch was in control. No corrective action was required.

The control criteria for Pyridine in MS 5765448 are not applicable. As recorded in the extraction logbook, the sample formed emulsions in the solvent layer during the extraction. Such emulsions are known to negatively affect analyte yields. The affected analyte was qualified to indicate matrix interference.

Task Comments

G2502990001 (TMP-1) - MSV/t/11423 - 8260D Analysis, Water

G2502990001 required a dilution due to the presence of a foamy sample matrix. The dilution was necessary to prevent foam over during the purge cycle, resulting in instrument damage.

G2502990001 (TMP-1) - MSS/t/3946 - 8270/625 Analysis, Water

The control criteria for 2,4,6 Tribromophenol in G2502990001 are not applicable. As recorded in the extraction logbook, the sample formed emulsions in the solvent layer during the extraction. Such emulsions are known to negatively affect analyte yields. The affected analyte was qualified to indicate matrix interference.

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Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502990)

Analytical Results Qualifiers

Parameter Qualifiers

- U The compound was analyzed for but not detected.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Lab Qualifiers

- T DOH Certification #E84589 (FL NELAC) AEL-Tampa

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502990)

Analytical Results

Lab ID:	G2502990001		Date Collected:	03/24/2025 10:15		Matrix:	Water	
Sample ID:	TMP-1		Date Received:	03/24/2025 11:00				
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
SEMIVOLATILES (FL-PRO)								
TPH	570 U	ug/L	2400	570	1	03/28/2025 08:45	03/29/2025 01:40	T
SEMIVOLATILES (SW-846 3510C/EPA 8081)								
4,4`-DDD	0.0030 U	ug/L	0.056	0.0030	1	03/25/2025 14:00	03/26/2025 22:28	T
4,4`-DDE	0.015 U	ug/L	0.056	0.015	1	03/25/2025 14:00	03/26/2025 22:28	T
4,4`-DDT	0.016 U	ug/L	0.056	0.016	1	03/25/2025 14:00	03/26/2025 22:28	T
Aldrin	0.014 U	ug/L	0.056	0.014	1	03/25/2025 14:00	03/26/2025 22:28	T
Chlordane (technical)	0.31 U	ug/L	0.56	0.31	1	03/25/2025 14:00	03/26/2025 22:28	T
Dieldrin	0.011 U	ug/L	0.017	0.011	1	03/25/2025 14:00	03/26/2025 22:28	T
Endosulfan I	0.012 U	ug/L	0.056	0.012	1	03/25/2025 14:00	03/26/2025 22:28	T
Endosulfan II	0.016 U	ug/L	0.056	0.016	1	03/25/2025 14:00	03/26/2025 22:28	T
Endosulfan Sulfate	0.023 U	ug/L	0.056	0.023	1	03/25/2025 14:00	03/26/2025 22:28	T
Endrin	0.015 U	ug/L	0.056	0.015	1	03/25/2025 14:00	03/26/2025 22:28	T
Endrin Aldehyde	0.025 U	ug/L	0.056	0.025	1	03/25/2025 14:00	03/26/2025 22:28	T
Heptachlor	0.011 U	ug/L	0.056	0.011	1	03/25/2025 14:00	03/26/2025 22:28	T
Heptachlor Epoxide	0.017 U	ug/L	0.056	0.017	1	03/25/2025 14:00	03/26/2025 22:28	T
Methoxychlor	0.0037 U	ug/L	0.056	0.0037	1	03/25/2025 14:00	03/26/2025 22:28	T
Toxaphene	0.31 U	ug/L	0.56	0.31	1	03/25/2025 14:00	03/26/2025 22:28	T
alpha-BHC	0.0046 U	ug/L	0.056	0.0046	1	03/25/2025 14:00	03/26/2025 22:28	T
beta-BHC	0.020 U	ug/L	0.056	0.020	1	03/25/2025 14:00	03/26/2025 22:28	T
delta-BHC	0.0047 U	ug/L	0.056	0.0047	1	03/25/2025 14:00	03/26/2025 22:28	T
gamma-BHC (Lindane)	0.017 U	ug/L	0.056	0.017	1	03/25/2025 14:00	03/26/2025 22:28	T
SEMIVOLATILES (SW-846 3510C/SW-846 8082A)								
Aroclor 1016 (PCB-1016)	0.16 U	ug/L	0.22	0.16	1	03/25/2025 14:00	03/26/2025 22:28	T
Aroclor 1221 (PCB-1221)	0.16 U	ug/L	0.22	0.16	1	03/25/2025 14:00	03/26/2025 22:28	T
Aroclor 1232 (PCB-1232)	0.16 U	ug/L	0.22	0.16	1	03/25/2025 14:00	03/26/2025 22:28	T
Aroclor 1242 (PCB-1242)	0.16 U	ug/L	0.22	0.16	1	03/25/2025 14:00	03/26/2025 22:28	T
Aroclor 1248 (PCB-1248)	0.16 U	ug/L	0.22	0.16	1	03/25/2025 14:00	03/26/2025 22:28	T

Monday, March 31, 2025 5:12:49 PM
Dates and times are displayed using (-04:00)
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Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502990)

Analytical Results

Lab ID: G2502990001	Date Collected: 03/24/2025 10:15					Matrix: Water		
Sample ID: TMP-1	Date Received: 03/24/2025 11:00							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Aroclor 1254 (PCB-1254)	0.16 U	ug/L	0.22	0.16	1	03/25/2025 14:00	03/26/2025 22:28	T
Aroclor 1260 (PCB-1260)	0.16 U	ug/L	0.22	0.16	1	03/25/2025 14:00	03/26/2025 22:28	T
SEMIVOLATILES (SW-846 3510C/SW-846 8270E)								
1,2,4,5-Tetrachlorobenzene	0.67 U	ug/L	5.5	0.67	1	03/28/2025 10:10	03/29/2025 04:47	T
1,2,4-Trichlorobenzene	1.2 U	ug/L	5.5	1.2	1	03/28/2025 10:10	03/29/2025 04:47	T
1,2-Dichlorobenzene	1.6 U	ug/L	5.5	1.6	1	03/28/2025 10:10	03/29/2025 04:47	T
1,2-Diphenylhydrazine	1.8 U	ug/L	5.5	1.8	1	03/28/2025 10:10	03/29/2025 04:47	T
1,3-Dichlorobenzene	2.0 U	ug/L	5.5	2.0	1	03/28/2025 10:10	03/29/2025 04:47	T
1,4-Dichlorobenzene	1.5 U	ug/L	5.5	1.5	1	03/28/2025 10:10	03/29/2025 04:47	T
1-Methylnaphthalene	0.012 U	ug/L	0.055	0.012	1	03/28/2025 10:10	03/29/2025 04:47	T
1-Naphthylamine	3.3 U	ug/L	5.5	3.3	1	03/28/2025 10:10	03/29/2025 04:47	T
2,3,4,6-Tetrachlorophenol	1.5 U	ug/L	5.5	1.5	1	03/28/2025 10:10	03/29/2025 04:47	T
2,4,5-Trichlorophenol	0.39 U	ug/L	5.5	0.39	1	03/28/2025 10:10	03/29/2025 04:47	T
2,4,6-Trichlorophenol	1.4 U	ug/L	5.5	1.4	1	03/28/2025 10:10	03/29/2025 04:47	T
2,4-Dichlorophenol	0.35 U	ug/L	5.5	0.35	1	03/28/2025 10:10	03/29/2025 04:47	T
2,4-Dimethylphenol	0.68 U	ug/L	5.5	0.68	1	03/28/2025 10:10	03/29/2025 04:47	T
2,4-Dinitrophenol	2.5 U	ug/L	5.5	2.5	1	03/28/2025 10:10	03/29/2025 04:47	T
2,4-Dinitrotoluene (2,4-DNT)	2.5 U	ug/L	5.5	2.5	1	03/28/2025 10:10	03/29/2025 04:47	T
2,6-Dichlorophenol	0.23 U	ug/L	5.5	0.23	1	03/28/2025 10:10	03/29/2025 04:47	T
2,6-Dinitrotoluene (2,6-DNT)	2.5 U	ug/L	5.5	2.5	1	03/28/2025 10:10	03/29/2025 04:47	T
2-Chloronaphthalene	4.5 U	ug/L	5.5	4.5	1	03/28/2025 10:10	03/29/2025 04:47	T
2-Chlorophenol	1.7 U	ug/L	5.5	1.7	1	03/28/2025 10:10	03/29/2025 04:47	T
2-Methyl-4,6-dinitrophenol	2.4 U	ug/L	5.5	2.4	1	03/28/2025 10:10	03/29/2025 04:47	T
2-Methylnaphthalene	0.0090 U	ug/L	0.055	0.0090	1	03/28/2025 10:10	03/29/2025 04:47	T
2-Methylphenol (o-Cresol)	1.4 U	ug/L	5.5	1.4	1	03/28/2025 10:10	03/29/2025 04:47	T
2-Naphthylamine	3.3 U	ug/L	5.5	3.3	1	03/28/2025 10:10	03/29/2025 04:47	T
2-Nitroaniline	2.8 U	ug/L	5.5	2.8	1	03/28/2025 10:10	03/29/2025 04:47	T





FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502990)

Analytical Results

Lab ID: G2502990001
Sample ID: TMP-1

Date Collected: 03/24/2025 10:15
Date Received: 03/24/2025 11:00

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
2-Nitrophenol	1.3 U	ug/L	5.5	1.3	1	03/28/2025 10:10	03/29/2025 04:47	T
2-Picoline (2-Methylpyridine)	1.9 U	ug/L	5.5	1.9	1	03/28/2025 10:10	03/29/2025 04:47	T
3+4-Methylphenol(mp-Cresol)	1.2 U	ug/L	5.5	1.2	1	03/28/2025 10:10	03/29/2025 04:47	T
3,3'-Dichlorobenzidine	1.2 U	ug/L	5.5	1.2	1	03/28/2025 10:10	03/29/2025 04:47	T
3-Methylcholanthrene	1.6 U	ug/L	5.5	1.6	1	03/28/2025 10:10	03/29/2025 04:47	T
3-Nitroaniline	0.59 U	ug/L	5.5	0.59	1	03/28/2025 10:10	03/29/2025 04:47	T
4-Aminobiphenyl	2.6 U	ug/L	5.5	2.6	1	03/28/2025 10:10	03/29/2025 04:47	T
4-Bromophenyl Phenyl Ether	1.2 U	ug/L	5.5	1.2	1	03/28/2025 10:10	03/29/2025 04:47	T
4-Chloro-3-methylphenol	0.92 U	ug/L	5.5	0.92	1	03/28/2025 10:10	03/29/2025 04:47	T
4-Chloroaniline	4.1 U	ug/L	5.5	4.1	1	03/28/2025 10:10	03/29/2025 04:47	T
4-Chlorophenyl Phenyl Ether	0.86 U	ug/L	5.5	0.86	1	03/28/2025 10:10	03/29/2025 04:47	T
4-Dimethyl aminoazobenzene	1.3 U	ug/L	5.5	1.3	1	03/28/2025 10:10	03/29/2025 04:47	T
4-Nitroaniline	1.5 U	ug/L	5.5	1.5	1	03/28/2025 10:10	03/29/2025 04:47	T
4-Nitrophenol	0.91 U	ug/L	5.5	0.91	1	03/28/2025 10:10	03/29/2025 04:47	T
7,12-Dimethylbenz[a]anthracene	1.9 U	ug/L	5.5	1.9	1	03/28/2025 10:10	03/29/2025 04:47	T
Acenaphthene	0.0077 U	ug/L	0.055	0.0077	1	03/28/2025 10:10	03/29/2025 04:47	T
Acenaphthylene	0.0087 U	ug/L	0.055	0.0087	1	03/28/2025 10:10	03/29/2025 04:47	T
Acetophenone	1.4 U	ug/L	5.5	1.4	1	03/28/2025 10:10	03/29/2025 04:47	T
Aniline	4.1 U	ug/L	5.5	4.1	1	03/28/2025 10:10	03/29/2025 04:47	T
Anthracene	0.014 U	ug/L	0.055	0.014	1	03/28/2025 10:10	03/29/2025 04:47	T
Benzidine	2.3 U	ug/L	5.5	2.3	1	03/28/2025 10:10	03/29/2025 04:47	T
Benzo[a]anthracene	0.012 U	ug/L	0.055	0.012	1	03/28/2025 10:10	03/29/2025 04:47	T
Benzo[a]pyrene	0.010 U	ug/L	0.055	0.010	1	03/28/2025 10:10	03/29/2025 04:47	T
Benzo[b]fluoranthene	0.012 U	ug/L	0.027	0.012	1	03/28/2025 10:10	03/29/2025 04:47	T
Benzo[g,h,i]perylene	0.012 U	ug/L	0.055	0.012	1	03/28/2025 10:10	03/29/2025 04:47	T
Benzo[k]fluoranthene	0.0075 U	ug/L	0.055	0.0075	1	03/28/2025 10:10	03/29/2025 04:47	T
Benzoic Acid	2.6 U	ug/L	5.5	2.6	1	03/28/2025 10:10	03/29/2025 04:47	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502990)

Analytical Results

Lab ID:	G2502990001	Date Collected:	03/24/2025 10:15			Matrix:	Water	
Sample ID:	TMP-1	Date Received:	03/24/2025 11:00					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Benzyl Alcohol	1.6 U	ug/L	5.5	1.6	1	03/28/2025 10:10	03/29/2025 04:47	T
Butyl benzyl phthalate	1.2 U	ug/L	5.5	1.2	1	03/28/2025 10:10	03/29/2025 04:47	T
Carbazole	0.22 U	ug/L	5.5	0.22	1	03/28/2025 10:10	03/29/2025 04:47	T
Chrysene	0.0085 U	ug/L	0.055	0.0085	1	03/28/2025 10:10	03/29/2025 04:47	T
Di-n-Butyl Phthalate	2.1 U	ug/L	5.5	2.1	1	03/28/2025 10:10	03/29/2025 04:47	T
Di-n-octyl Phthalate	2.2 U	ug/L	5.5	2.2	1	03/28/2025 10:10	03/29/2025 04:47	T
Dibenzo[a,h]anthracene	0.015 U	ug/L	0.055	0.015	1	03/28/2025 10:10	03/29/2025 04:47	T
Dibenzofuran	0.37 U	ug/L	5.5	0.37	1	03/28/2025 10:10	03/29/2025 04:47	T
Diethyl phthalate	1.4 U	ug/L	5.5	1.4	1	03/28/2025 10:10	03/29/2025 04:47	T
Dimethyl phthalate	1.2 U	ug/L	5.5	1.2	1	03/28/2025 10:10	03/29/2025 04:47	T
Ethyl methanesulfonate	1.6 U	ug/L	5.5	1.6	1	03/28/2025 10:10	03/29/2025 04:47	T
Fluoranthene	0.010 U	ug/L	0.055	0.010	1	03/28/2025 10:10	03/29/2025 04:47	T
Fluorene	0.011 U	ug/L	0.055	0.011	1	03/28/2025 10:10	03/29/2025 04:47	T
Hexachlorobenzene	0.46 U	ug/L	5.5	0.46	1	03/28/2025 10:10	03/29/2025 04:47	T
Hexachlorobutadiene	0.37 U	ug/L	5.5	0.37	1	03/28/2025 10:10	03/29/2025 04:47	T
Hexachlorocyclopentadiene	1.4 U	ug/L	5.5	1.4	1	03/28/2025 10:10	03/29/2025 04:47	T
Hexachloroethane	2.0 U	ug/L	5.5	2.0	1	03/28/2025 10:10	03/29/2025 04:47	T
Indeno(1,2,3-cd)pyrene	0.012 U	ug/L	0.055	0.012	1	03/28/2025 10:10	03/29/2025 04:47	T
Isophorone	0.76 U	ug/L	5.5	0.76	1	03/28/2025 10:10	03/29/2025 04:47	T
Methyl Methanesulfonate	1.3 U	ug/L	5.5	1.3	1	03/28/2025 10:10	03/29/2025 04:47	T
N-Nitrosodi-n-butylamine	0.61 U	ug/L	5.5	0.61	1	03/28/2025 10:10	03/29/2025 04:47	T
N-Nitrosodi-n-propylamine	1.6 U	ug/L	5.5	1.6	1	03/28/2025 10:10	03/29/2025 04:47	T
N-Nitrosodimethylamine	1.3 U	ug/L	5.5	1.3	1	03/28/2025 10:10	03/29/2025 04:47	T
N-Nitrosodiphenylamine	1.0 U	ug/L	5.5	1.0	1	03/28/2025 10:10	03/29/2025 04:47	T
N-Nitrosopiperidine	0.81 U	ug/L	5.5	0.81	1	03/28/2025 10:10	03/29/2025 04:47	T
Naphthalene	0.015 U	ug/L	0.055	0.015	1	03/28/2025 10:10	03/29/2025 04:47	T
Nitrobenzene	1.2 U	ug/L	5.5	1.2	1	03/28/2025 10:10	03/29/2025 04:47	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502990)

Analytical Results

Lab ID: G2502990001
Sample ID: TMP-1

Date Collected: 03/24/2025 10:15
Date Received: 03/24/2025 11:00

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Pentachlorobenzene	0.95 U	ug/L	5.5	0.95	1	03/28/2025 10:10	03/29/2025 04:47	T
Pentachloronitrobenzene	1.7 U	ug/L	5.5	1.7	1	03/28/2025 10:10	03/29/2025 04:47	T
Pentachlorophenol	0.59 U	ug/L	5.5	0.59	1	03/28/2025 10:10	03/29/2025 04:47	T
Phenacetin	4.2 U	ug/L	5.5	4.2	1	03/28/2025 10:10	03/29/2025 04:47	T
Phenanthrene	0.010 U	ug/L	0.055	0.010	1	03/28/2025 10:10	03/29/2025 04:47	T
Phenol	1.1 U	ug/L	5.5	1.1	1	03/28/2025 10:10	03/29/2025 04:47	T
Pronamide (Kerb)	1.9 U	ug/L	5.5	1.9	1	03/28/2025 10:10	03/29/2025 04:47	T
Pyrene	0.010 U	ug/L	0.055	0.010	1	03/28/2025 10:10	03/29/2025 04:47	T
Pyridine	2.0 U	ug/L	5.5	2.0	1	03/28/2025 10:10	03/29/2025 04:47	T
a,a-Dimethylphenethylamine	0.53 U	ug/L	5.5	0.53	1	03/28/2025 10:10	03/29/2025 04:47	T
bis(2-Chloroethoxy)methane	1.1 U	ug/L	5.5	1.1	1	03/28/2025 10:10	03/29/2025 04:47	T
bis(2-Chloroethyl)Ether	0.50 U	ug/L	5.5	0.50	1	03/28/2025 10:10	03/29/2025 04:47	T
bis(2-Chloroisopropyl) Ether	0.42 U	ug/L	5.5	0.42	1	03/28/2025 10:10	03/29/2025 04:47	T
bis(2-Ethylhexyl) phthalate	2.5 U	ug/L	5.5	2.5	1	03/28/2025 10:10	03/29/2025 04:47	T
VOLATILES (SW-846 5030B/SW-846 8260D)								
1,1,1,2-Tetrachloroethane	0.95 U	ug/L	2.0	0.95	2	03/28/2025 16:40	03/28/2025 23:51	T
1,1,1-Trichloroethane	0.78 U	ug/L	2.0	0.78	2	03/28/2025 16:40	03/28/2025 23:51	T
1,1,1,2,2-Tetrachloroethane	0.40 U	ug/L	2.0	0.40	2	03/28/2025 16:40	03/28/2025 23:51	T
1,1,2-Trichloroethane	0.80 U	ug/L	2.0	0.80	2	03/28/2025 16:40	03/28/2025 23:51	T
1,1-Dichloroethane	0.75 U	ug/L	2.0	0.75	2	03/28/2025 16:40	03/28/2025 23:51	T
1,1-Dichloroethylene	0.83 U	ug/L	2.0	0.83	2	03/28/2025 16:40	03/28/2025 23:51	T
1,1-Dichloropropene	0.75 U	ug/L	2.0	0.75	2	03/28/2025 16:40	03/28/2025 23:51	T
1,2,3-Trichlorobenzene	0.72 U	ug/L	2.0	0.72	2	03/28/2025 16:40	03/28/2025 23:51	T
1,2,3-Trichloropropane	0.45 U	ug/L	2.0	0.45	2	03/28/2025 16:40	03/28/2025 23:51	T
1,2,4-Trichlorobenzene	1.0 U	ug/L	2.0	1.0	2	03/28/2025 16:40	03/28/2025 23:51	T
1,2,4-Trimethylbenzene	0.83 U	ug/L	2.0	0.83	2	03/28/2025 16:40	03/28/2025 23:51	T
1,2-Dibromo-3-Chloropropane	0.77 U	ug/L	6.0	0.77	2	03/28/2025 16:40	03/28/2025 23:51	T

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Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502990)

Analytical Results

Lab ID: G2502990001	Date Collected: 03/24/2025 10:15					Matrix: Water		
Sample ID: TMP-1	Date Received: 03/24/2025 11:00							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
1,2-Dichlorobenzene	0.89 U	ug/L	2.0	0.89	2	03/28/2025 16:40	03/28/2025 23:51	T
1,2-Dichloroethane	0.80 U	ug/L	2.0	0.80	2	03/28/2025 16:40	03/28/2025 23:51	T
1,2-Dichloropropane	0.36 U	ug/L	2.0	0.36	2	03/28/2025 16:40	03/28/2025 23:51	T
1,3,5-Trimethylbenzene	0.77 U	ug/L	2.0	0.77	2	03/28/2025 16:40	03/28/2025 23:51	T
1,3-Dichlorobenzene	0.80 U	ug/L	2.0	0.80	2	03/28/2025 16:40	03/28/2025 23:51	T
1,3-Dichloropropane	0.64 U	ug/L	2.0	0.64	2	03/28/2025 16:40	03/28/2025 23:51	T
1,4-Dichlorobenzene	0.73 U	ug/L	2.0	0.73	2	03/28/2025 16:40	03/28/2025 23:51	T
2,2-Dichloropropane	0.89 U	ug/L	2.0	0.89	2	03/28/2025 16:40	03/28/2025 23:51	T
2-Butanone (MEK)	0.66 U	ug/L	2.0	0.66	2	03/28/2025 16:40	03/28/2025 23:51	T
2-Chloroethyl Vinyl Ether	1.6 U	ug/L	2.0	1.6	2	03/28/2025 16:40	03/28/2025 23:51	T
2-Chlorotoluene	0.69 U	ug/L	2.0	0.69	2	03/28/2025 16:40	03/28/2025 23:51	T
2-Hexanone	0.84 U	ug/L	2.0	0.84	2	03/28/2025 16:40	03/28/2025 23:51	T
4-Chlorotoluene	0.67 U	ug/L	2.0	0.67	2	03/28/2025 16:40	03/28/2025 23:51	T
4-Methyl-2-pentanone (MIBK)	0.79 U	ug/L	2.0	0.79	2	03/28/2025 16:40	03/28/2025 23:51	T
Acetone	1.8 U	ug/L	4.0	1.8	2	03/28/2025 16:40	03/28/2025 23:51	T
Acrolein (Propenal)	3.6 U	ug/L	8.0	3.6	2	03/28/2025 16:40	03/28/2025 23:51	T
Acrylonitrile	0.77 U	ug/L	10	0.77	2	03/28/2025 16:40	03/28/2025 23:51	T
Benzene	0.57 U	ug/L	2.0	0.57	2	03/28/2025 16:40	03/28/2025 23:51	T
Bromobenzene	0.69 U	ug/L	2.0	0.69	2	03/28/2025 16:40	03/28/2025 23:51	T
Bromochloromethane	0.67 U	ug/L	2.0	0.67	2	03/28/2025 16:40	03/28/2025 23:51	T
Bromodichloromethane	0.77 U	ug/L	2.0	0.77	2	03/28/2025 16:40	03/28/2025 23:51	T
Bromoform	0.72 U	ug/L	2.0	0.72	2	03/28/2025 16:40	03/28/2025 23:51	T
Bromomethane	0.65 U	ug/L	2.0	0.65	2	03/28/2025 16:40	03/28/2025 23:51	T
Carbon Disulfide	0.84 U	ug/L	2.0	0.84	2	03/28/2025 16:40	03/28/2025 23:51	T
Carbon Tetrachloride	0.82 U	ug/L	2.0	0.82	2	03/28/2025 16:40	03/28/2025 23:51	T
Chlorobenzene	0.77 U	ug/L	2.0	0.77	2	03/28/2025 16:40	03/28/2025 23:51	T
Chloroethane	0.85 U	ug/L	2.0	0.85	2	03/28/2025 16:40	03/28/2025 23:51	T





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Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502990)

Analytical Results

Lab ID: G2502990001
Sample ID: TMP-1

Date Collected: 03/24/2025 10:15
Date Received: 03/24/2025 11:00

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chloroform	0.73 U	ug/L	2.0	0.73	2	03/28/2025 16:40	03/28/2025 23:51	T
Chloromethane	0.79 U	ug/L	2.0	0.79	2	03/28/2025 16:40	03/28/2025 23:51	T
Dibromochloromethane	0.72 U	ug/L	2.0	0.72	2	03/28/2025 16:40	03/28/2025 23:51	T
Dibromomethane	0.81 U	ug/L	2.0	0.81	2	03/28/2025 16:40	03/28/2025 23:51	T
Dichlorodifluoromethane	1.1 U	ug/L	2.0	1.1	2	03/28/2025 16:40	03/28/2025 23:51	T
Ethylbenzene	1.1 U	ug/L	2.0	1.1	2	03/28/2025 16:40	03/28/2025 23:51	T
Ethylene Dibromide (EDB)	0.58 U	ug/L	2.0	0.58	2	03/28/2025 16:40	03/28/2025 23:51	T
Hexachlorobutadiene	0.63 U	ug/L	2.0	0.63	2	03/28/2025 16:40	03/28/2025 23:51	T
Iodomethane (Methyl Iodide)	1.7 U	ug/L	2.0	1.7	2	03/28/2025 16:40	03/28/2025 23:51	T
Isopropylbenzene	0.84 U	ug/L	2.0	0.84	2	03/28/2025 16:40	03/28/2025 23:51	T
Methyl tert-butyl Ether (MTBE)	1.4 U	ug/L	2.0	1.4	2	03/28/2025 16:40	03/28/2025 23:51	T
Methylene Chloride	1.1 U	ug/L	2.0	1.1	2	03/28/2025 16:40	03/28/2025 23:51	T
Naphthalene	1.9 U	ug/L	2.0	1.9	2	03/28/2025 16:40	03/28/2025 23:51	T
Styrene	0.59 U	ug/L	2.0	0.59	2	03/28/2025 16:40	03/28/2025 23:51	T
Tetrachloroethylene (PCE)	0.90 U	ug/L	2.0	0.90	2	03/28/2025 16:40	03/28/2025 23:51	T
Toluene	1.3 U	ug/L	2.0	1.3	2	03/28/2025 16:40	03/28/2025 23:51	T
Trichloroethene	0.64 U	ug/L	2.0	0.64	2	03/28/2025 16:40	03/28/2025 23:51	T
Trichlorofluoromethane	0.51 U	ug/L	2.0	0.51	2	03/28/2025 16:40	03/28/2025 23:51	T
Vinyl Acetate	0.74 U	ug/L	2.0	0.74	2	03/28/2025 16:40	03/28/2025 23:51	T
Vinyl Chloride	0.88 U	ug/L	2.0	0.88	2	03/28/2025 16:40	03/28/2025 23:51	T
Xylene (Total)	2.6 U	ug/L	4.0	2.6	2	03/28/2025 16:40	03/28/2025 23:51	T
cis-1,2-Dichloroethylene	0.78 U	ug/L	2.0	0.78	2	03/28/2025 16:40	03/28/2025 23:51	T
cis-1,3-Dichloropropene	0.52 U	ug/L	2.0	0.52	2	03/28/2025 16:40	03/28/2025 23:51	T
n-Butylbenzene	1.2 U	ug/L	2.0	1.2	2	03/28/2025 16:40	03/28/2025 23:51	T
n-propylbenzene	0.67 U	ug/L	2.0	0.67	2	03/28/2025 16:40	03/28/2025 23:51	T
sec-butylbenzene	0.83 U	ug/L	2.0	0.83	2	03/28/2025 16:40	03/28/2025 23:51	T
tert-butylbenzene	0.76 U	ug/L	2.0	0.76	2	03/28/2025 16:40	03/28/2025 23:51	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502990)

Analytical Results

Lab ID: G2502990001	Date Collected: 03/24/2025 10:15	Matrix: Water
Sample ID: TMP-1	Date Received: 03/24/2025 11:00	

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
trans-1,2-Dichloroethylene	0.78 U	ug/L	2.0	0.78	2	03/28/2025 16:40	03/28/2025 23:51	T
trans-1,3-Dichloropropylene	0.52 U	ug/L	2.0	0.52	2	03/28/2025 16:40	03/28/2025 23:51	T

Analysis Results Comments

2,4,6-Tribromophenol

J4|Estimated Result

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	100	99	99	70 - 128	T
Bromofluorobenzene (S)	ug/L	100	98	98	86 - 123	T
Phenol-d6 (S)	ug/L	55	8.70	16	1 - 163	T
Nonatricontane-C39 (S)	ug/L	600	490	82	40 - 129	T
Tetrachloro-m-xylene (S)	ug/L	1.10	0.79	71	61 - 119	T
Tetrachloro-m-xylene (S)	ug/L	1.10	0.79	71	44 - 124	T
2,4,6-Tribromophenol (S)	ug/L	55	19	35	37 - 140	T^
Toluene-d8 (S)	ug/L	100	100	101	77 - 119	T
p-Terphenyl-d14 (S)	ug/L	55	33	60	36 - 126	T
2-Fluorophenol (S)	ug/L	55	13	24	6 - 87	T^
Nitrobenzene-d5 (S)	ug/L	55	31	57	17 - 133	T
2-Fluorobiphenyl (S)	ug/L	55	33	60	13 - 106	T
Decachlorobiphenyl (S)	ug/L	0.56	0.34	60	48 - 137	T
Decachlorobiphenyl (S)	ug/L	0.56	0.34	60	44 - 136	T
o-Terphenyl (S)	ug/L	200	180	91	66 - 139	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502990)

QC Results

QC Batch: GCST/5518
Preparation Method: SW-846 3510C
Associated Lab IDs: G2502990001

Analysis Method: EPA 8081

Method Blank(5759621)

Parameter	Results	Units	PQL	MDL	Lab
alpha-BHC	0.0041 U	ug/L	0.050	0.0041	T
gamma-BHC (Lindane)	0.015 U	ug/L	0.050	0.015	T
beta-BHC	0.018 U	ug/L	0.050	0.018	T
delta-BHC	0.0042 U	ug/L	0.050	0.0042	T
Heptachlor	0.010 U	ug/L	0.050	0.010	T
Aldrin	0.013 U	ug/L	0.050	0.013	T
Heptachlor Epoxide	0.015 U	ug/L	0.050	0.015	T
Endosulfan I	0.011 U	ug/L	0.050	0.011	T
4,4'-DDE	0.014 U	ug/L	0.050	0.014	T
Dieldrin	0.010 U	ug/L	0.015	0.010	T
Endrin	0.013 U	ug/L	0.050	0.013	T
4,4'-DDD	0.0027 U	ug/L	0.050	0.0027	T
Endosulfan II	0.014 U	ug/L	0.050	0.014	T
Endrin Aldehyde	0.022 U	ug/L	0.050	0.022	T
4,4'-DDT	0.014 U	ug/L	0.050	0.014	T
Endosulfan Sulfate	0.020 U	ug/L	0.050	0.020	T
Methoxychlor	0.0033 U	ug/L	0.050	0.0033	T
Chlordane (technical)	0.28 U	ug/L	0.50	0.28	T
Toxaphene	0.27 U	ug/L	0.50	0.27	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502990)

QC Results

QC Batch: GCS1/5519
Preparation Method: SW-846 3510C
Associated Lab IDs: G2502990001

Analysis Method: SW-846 8082A

Method Blank(5759625)

Parameter	Results	Units	PQL	MDL	Lab
Aroclor 1016 (PCB-1016)	0.14 U	ug/L	0.20	0.14	T
Aroclor 1221 (PCB-1221)	0.14 U	ug/L	0.20	0.14	T
Aroclor 1232 (PCB-1232)	0.14 U	ug/L	0.20	0.14	T
Aroclor 1242 (PCB-1242)	0.14 U	ug/L	0.20	0.14	T
Aroclor 1248 (PCB-1248)	0.14 U	ug/L	0.20	0.14	T
Aroclor 1254 (PCB-1254)	0.14 U	ug/L	0.20	0.14	T
Aroclor 1260 (PCB-1260)	0.14 U	ug/L	0.20	0.14	T

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Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502990)

QC Results

QC Batch: GCS1/5532
Preparation Method: FL-PRO
Associated Lab IDs: G2502990001

Analysis Method: FL-PRO

Method Blank(5765295)

Parameter	Results	Units	PQL	MDL	Lab
TPH	570 U	ug/L	2400	570	T

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Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502990)

QC Results

QC Batch: MSS1/3946
Preparation Method: SW-846 3510C
Associated Lab IDs: G2502990001

Analysis Method: SW-846 8270E

Method Blank(5765445)

Parameter	Results	Units	PQL	MDL	Lab
N-Nitrosodimethylamine	1.1 U	ug/L	5.0	1.1	T
Pyridine	1.8 U	ug/L	5.0	1.8	T
Methyl Methanesulfonate	1.2 U	ug/L	5.0	1.2	T
Ethyl methanesulfonate	1.4 U	ug/L	5.0	1.4	T
Aniline	3.7 U	ug/L	5.0	3.7	T
Phenol	1.0 U	ug/L	5.0	1.0	T
bis(2-Chloroethyl)Ether	0.46 U	ug/L	5.0	0.46	T
2-Chlorophenol	1.6 U	ug/L	5.0	1.6	T
1,3-Dichlorobenzene	1.8 U	ug/L	5.0	1.8	T
1,4-Dichlorobenzene	1.3 U	ug/L	5.0	1.3	T
1,2-Dichlorobenzene	1.4 U	ug/L	5.0	1.4	T
Benzyl Alcohol	1.5 U	ug/L	5.0	1.5	T
bis(2-Chloroisopropyl) Ether	0.38 U	ug/L	5.0	0.38	T
2-Methylphenol (o-Cresol)	1.3 U	ug/L	5.0	1.3	T
Acetophenone	1.3 U	ug/L	5.0	1.3	T
N-Nitrosodi-n-propylamine	1.5 U	ug/L	5.0	1.5	T
3+4-Methylphenol(mp-Cresol)	1.1 U	ug/L	5.0	1.1	T
Hexachloroethane	1.8 U	ug/L	5.0	1.8	T
Nitrobenzene	1.1 U	ug/L	5.0	1.1	T
Isophorone	0.70 U	ug/L	5.0	0.70	T
2-Nitrophenol	1.2 U	ug/L	5.0	1.2	T
2,4-Dimethylphenol	0.62 U	ug/L	5.0	0.62	T
bis(2-Chloroethoxy)methane	1.0 U	ug/L	5.0	1.0	T
2,4-Dichlorophenol	0.32 U	ug/L	5.0	0.32	T
Benzoic Acid	2.4 U	ug/L	5.0	2.4	T
1,2,4-Trichlorobenzene	1.1 U	ug/L	5.0	1.1	T
Naphthalene	0.014 U	ug/L	0.050	0.014	T
4-Chloroaniline	3.7 U	ug/L	5.0	3.7	T
2,6-Dichlorophenol	0.21 U	ug/L	5.0	0.21	T
Hexachlorobutadiene	0.34 U	ug/L	5.0	0.34	T
4-Chloro-3-methylphenol	0.84 U	ug/L	5.0	0.84	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502990)

QC Batch: MSS1/3946
Preparation Method: SW-846 3510C
Associated Lab IDs: G2502990001

Analysis Method: SW-846 8270E

Parameter	Results	Units	PQL	MDL	Lab
2-Methylnaphthalene	0.0082 U	ug/L	0.050	0.0082	T
1-Methylnaphthalene	0.011 U	ug/L	0.050	0.011	T
Hexachlorocyclopentadiene	1.2 U	ug/L	5.0	1.2	T
1,2,4,5-Tetrachlorobenzene	0.61 U	ug/L	5.0	0.61	T
2,4,6-Trichlorophenol	1.3 U	ug/L	5.0	1.3	T
2,4,5-Trichlorophenol	0.36 U	ug/L	5.0	0.36	T
2-Chloronaphthalene	4.0 U	ug/L	5.0	4.0	T
2-Nitroaniline	2.6 U	ug/L	5.0	2.6	T
Dimethyl phthalate	1.1 U	ug/L	5.0	1.1	T
2,6-Dinitrotoluene (2,6-DNT)	2.2 U	ug/L	5.0	2.2	T
Acenaphthylene	0.0080 U	ug/L	0.050	0.0080	T
3-Nitroaniline	0.54 U	ug/L	5.0	0.54	T
Acenaphthene	0.0070 U	ug/L	0.050	0.0070	T
2,4-Dinitrophenol	2.3 U	ug/L	5.0	2.3	T
Pentachlorobenzene	0.86 U	ug/L	5.0	0.86	T
Dibenzofuran	0.34 U	ug/L	5.0	0.34	T
2,4-Dinitrotoluene (2,4-DNT)	2.3 U	ug/L	5.0	2.3	T
4-Nitrophenol	0.83 U	ug/L	5.0	0.83	T
2,3,4,6-Tetrachlorophenol	1.4 U	ug/L	5.0	1.4	T
Diethyl phthalate	1.3 U	ug/L	5.0	1.3	T
Fluorene	0.0096 U	ug/L	0.050	0.0096	T
4-Chlorophenyl Phenyl Ether	0.79 U	ug/L	5.0	0.79	T
4-Nitroaniline	1.4 U	ug/L	5.0	1.4	T
2-Methyl-4,6-dinitrophenol	2.2 U	ug/L	5.0	2.2	T
N-Nitrosodiphenylamine	0.95 U	ug/L	5.0	0.95	T
1,2-Diphenylhydrazine	1.6 U	ug/L	5.0	1.6	T
Phenacetin	3.8 U	ug/L	5.0	3.8	T
4-Bromophenyl Phenyl Ether	1.1 U	ug/L	5.0	1.1	T
Hexachlorobenzene	0.42 U	ug/L	5.0	0.42	T
Pentachlorophenol	0.53 U	ug/L	5.0	0.53	T
Pentachloronitrobenzene	1.6 U	ug/L	5.0	1.6	T
Pronamide (Kerb)	1.7 U	ug/L	5.0	1.7	T
Phenanthrene	0.0091 U	ug/L	0.050	0.0091	T
Anthracene	0.013 U	ug/L	0.050	0.013	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502990)

QC Batch: MSS1/3946
Preparation Method: SW-846 3510C
Associated Lab IDs: G2502990001

Analysis Method: SW-846 8270E

Parameter	Results	Units	PQL	MDL	Lab
Carbazole	0.20 U	ug/L	5.0	0.20	T
Di-n-Butyl Phthalate	1.9 U	ug/L	5.0	1.9	T
Fluoranthene	0.0094 U	ug/L	0.050	0.0094	T
Pyrene	0.0093 U	ug/L	0.050	0.0093	T
Butyl benzyl phthalate	1.1 U	ug/L	5.0	1.1	T
Benzo[a]anthracene	0.011 U	ug/L	0.050	0.011	T
Chrysene	0.0078 U	ug/L	0.050	0.0078	T
bis(2-Ethylhexyl) phthalate	2.3 U	ug/L	5.0	2.3	T
Di-n-octyl Phthalate	2.0 U	ug/L	5.0	2.0	T
Benzo[b]fluoranthene	0.011 U	ug/L	0.025	0.011	T
Benzo[k]fluoranthene	0.0068 U	ug/L	0.050	0.0068	T
Benzo[a]pyrene	0.0091 U	ug/L	0.050	0.0091	T
Indeno(1,2,3-cd)pyrene	0.011 U	ug/L	0.050	0.011	T
3-Methylcholanthrene	1.5 U	ug/L	5.0	1.5	T
Dibenzo[a,h]anthracene	0.013 U	ug/L	0.050	0.013	T
Benzo[g,h,i]perylene	0.011 U	ug/L	0.050	0.011	T
2-Picoline (2-Methylpyridine)	1.7 U	ug/L	5.0	1.7	T
N-Nitrosopiperidine	0.74 U	ug/L	5.0	0.74	T
a,a-Dimethylphenethylamine	0.48 U	ug/L	5.0	0.48	T
N-Nitrosodi-n-butylamine	0.56 U	ug/L	5.0	0.56	T
1-Naphthylamine	3.0 U	ug/L	5.0	3.0	T
2-Naphthylamine	3.0 U	ug/L	5.0	3.0	T
4-Aminobiphenyl	2.3 U	ug/L	5.0	2.3	T
Benzidine	2.1 U	ug/L	5.0	2.1	T
4-Dimethyl aminoazobenzene	1.2 U	ug/L	5.0	1.2	T
3,3'-Dichlorobenzidine	1.1 U	ug/L	5.0	1.1	T
7,12-Dimethylbenz[a]anthracene	1.7 U	ug/L	5.0	1.7	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
2,4,6-Tribromophenol (S)	mg/L	0.05	0.0450	90	37 - 140	T^
2-Fluorobiphenyl (S)	mg/L	0.05	0.0410	83	13 - 106	T
2-Fluorophenol (S)	mg/L	0.05	0.0230	46	6 - 87	T^
Nitrobenzene-d5 (S)	mg/L	0.05	0.04	80	17 - 133	T





FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502990)

QC Batch: MSSt/3946
Preparation Method: SW-846 3510C
Associated Lab IDs: G2502990001

Analysis Method: SW-846 8270E

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Phenol-d6 (S)	mg/L	0.05	0.0130	27	1 - 163	T
p-Terphenyl-d14 (S)	mg/L	0.05	0.0510	102	36 - 126	T

Lab Control Sample (5765446); Lab Control Sample Duplicate (5765447); Parent Lab Sample (G2502990001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
N-Nitrosodimethylamine	ug/L	40	24	59	49 - 144	22	54	9	20	T
Pyridine	ug/L	40	20	51	44 - 110	21	52	2	20	T
Methyl Methanesulfonate	ug/L	40	27	68	33 - 107	27	69	1	20	T
Ethyl methanesulfonate	ug/L	40	39	98	62 - 118	38	96	3	20	T
Aniline	ug/L	40	34	86	62 - 110	36	90	4	20	T
Phenol	ug/L	40	18	45	38 - 113	17	43	5	20	T
bis(2-Chloroethyl)Ether	ug/L	40	40	101	43 - 118	40	99	2	20	T
2-Chlorophenol	ug/L	40	38	94	38 - 117	37	92	3	20	T
1,3-Dichlorobenzene	ug/L	40	31	77	28 - 110	29	73	5	20	T
1,4-Dichlorobenzene	ug/L	40	30	76	29 - 112	29	74	3	20	T
1,2-Dichlorobenzene	ug/L	40	31	77	32 - 111	30	74	4	20	T
Benzyl Alcohol	ug/L	40	32	80	31 - 112	32	80	1	20	T
bis(2-Chloroisopropyl) Ethe	ug/L	40	39	97	37 - 130	38	94	3	20	T
2-Methylphenol (o-Cresol)	ug/L	40	33	82	30 - 117	31	78	4	20	T
Acetophenone	ug/L	40	41	102	46 - 118	40	100	2	20	T
N-Nitrosodi-n-propylamine	ug/L	40	42	106	49 - 119	42	105	1	20	T
3+4-Methylphenol(mp-Cres	ug/L	40	31	78	29 - 110	30	74	4	20	T
Hexachloroethane	ug/L	40	28	71	21 - 115	27	68	4	20	T
Nitrobenzene	ug/L	40	33	84	45 - 121	36	89	7	20	T
Isophorone	ug/L	40	36	90	42 - 124	38	95	5	20	T
2-Nitrophenol	ug/L	40	36	89	47 - 123	38	96	7	20	T
2,4-Dimethylphenol	ug/L	40	31	77	31 - 124	33	82	6	20	T
bis(2-Chloroethoxy)methan	ug/L	40	34	85	48 - 120	36	91	7	20	T
2,4-Dichlorophenol	ug/L	40	35	89	47 - 121	37	93	5	20	T
Benzoic Acid	ug/L	40	5.2	13	10 - 110	11	27	71	20	T
1,2,4-Trichlorobenzene	ug/L	40	29	73	29 - 116	30	75	3	20	T
Naphthalene	ug/L	40	29	72	43 - 114	30	74	3	20	T
4-Chloroaniline	ug/L	40	30	76	33 - 117	33	82	8	20	T

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Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502990)

QC Batch: MSSt/3946
Preparation Method: SW-846 3510C
Associated Lab IDs: G2502990001

Analysis Method: SW-846 8270E

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
2,6-Dichlorophenol	ug/L	40	37	91	50 - 118	38	96	5	20	T
Hexachlorobutadiene	ug/L	40	26	65	22 - 124	26	65	1	20	T
4-Chloro-3-methylphenol	ug/L	40	36	89	52 - 119	37	92	3	20	T
2-Methylnaphthalene	ug/L	40	34	85	39 - 114	35	88	3	20	T
1-Methylnaphthalene	ug/L	40	33	82	41 - 115	33	83	2	20	T
Hexachlorocyclopentadiene	ug/L	40	33	82	51 - 141	33	82	1	20	T
1,2,4,5-Tetrachlorobenzene	ug/L	40	35	88	35 - 121	34	86	3	20	T
2,4,6-Trichlorophenol	ug/L	40	38	94	50 - 125	41	103	10	20	T
2,4,5-Trichlorophenol	ug/L	40	36	91	53 - 123	41	102	11	20	T
2-Chloronaphthalene	ug/L	40	36	91	40 - 116	37	93	2	20	T
2-Nitroaniline	ug/L	40	40	99	55 - 127	40	99	0	20	T
Dimethyl phthalate	ug/L	40	27	68	45 - 127	29	72	7	20	T
2,6-Dinitrotoluene (2,6-DNT	ug/L	40	41	102	57 - 124	42	105	3	20	T
Acenaphthylene	ug/L	40	36	89	35 - 121	36	91	2	20	T
3-Nitroaniline	ug/L	40	46	114	41 - 128	47	118	4	20	T
Acenaphthene	ug/L	40	36	91	48 - 114	38	95	5	20	T
2,4-Dinitrophenol	ug/L	40	29	71	23 - 143	35	88	21	20	T
Pentachlorobenzene	ug/L	40	37	93	59 - 123	39	99	6	20	T
Dibenzofuran	ug/L	40	36	90	35 - 120	37	93	4	20	T
2,4-Dinitrotoluene (2,4-DNT	ug/L	40	40	101	57 - 128	40	100	1	20	T
4-Nitrophenol	ug/L	40	33	81	45 - 127	20	51	46	20	T
2,3,4,6-Tetrachlorophenol	ug/L	40	32	79	50 - 128	36	91	14	20	T
Diethyl phthalate	ug/L	40	36	91	56 - 125	39	97	7	20	T
Fluorene	ug/L	40	37	92	50 - 118	37	93	1	20	T
4-Chlorophenyl Phenyl Eth	ug/L	40	38	95	53 - 121	39	98	3	20	T
4-Nitroaniline	ug/L	40	47	116	64 - 143	50	126	8	20	T
2-Methyl-4,6-dinitrophenol	ug/L	40	36	90	44 - 137	43	107	17	20	T
N-Nitrosodiphenylamine	ug/L	40	35	88	51 - 123	35	88	0	20	T
1,2-Diphenylhydrazine	ug/L	40	41	102	49 - 122	42	104	2	20	T
Phenacetin	ug/L	40	44	110	71 - 124	46	114	4	20	T
4-Bromophenyl Phenyl Eth	ug/L	40	38	95	55 - 124	39	98	3	20	T
Hexachlorobenzene	ug/L	40	38	95	53 - 125	40	100	6	20	T
Pentachlorophenol	ug/L	40	34	86	35 - 138	42	105	20	20	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502990)

QC Batch: MSSt/3946
Preparation Method: SW-846 3510C
Associated Lab IDs: G2502990001

Analysis Method: SW-846 8270E

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Pentachloronitrobenzene	ug/L	40	40	99	54 - 135	41	103	4	20	T
Pronamide (Kerb)	ug/L	40	41	104	65 - 129	43	109	5	20	T
Phenanthrene	ug/L	40	39	97	53 - 115	38	96	1	20	T
Anthracene	ug/L	40	39	98	53 - 119	40	101	3	20	T
Carbazole	ug/L	40	41	102	45 - 123	42	105	3	20	T
Di-n-Butyl Phthalate	ug/L	40	43	108	59 - 127	43	107	0	20	T
Fluoranthene	ug/L	40	41	102	58 - 120	41	103	1	20	T
Pyrene	ug/L	40	40	100	53 - 121	42	106	6	20	T
Butyl benzyl phthalate	ug/L	40	43	108	53 - 134	46	115	6	20	T
Benzo[a]anthracene	ug/L	40	42	104	59 - 120	44	109	5	20	T
Chrysene	ug/L	40	38	96	57 - 120	41	102	6	20	T
bis(2-Ethylhexyl) phthalate	ug/L	40	44	110	55 - 135	45	112	2	20	T
Di-n-octyl Phthalate	ug/L	40	43	107	51 - 140	46	116	8	20	T
Benzo[b]fluoranthene	ug/L	40	47	119	53 - 126	50	125	5	20	T
Benzo[k]fluoranthene	ug/L	40	35	88	54 - 125	34	86	2	20	T
Benzo[a]pyrene	ug/L	40	43	108	53 - 120	43	108	1	20	T
Indeno(1,2,3-cd)pyrene	ug/L	40	48	120	48 - 130	49	123	2	20	T
3-Methylcholanthrene	ug/L	40	46	114	56 - 133	45	112	2	20	T
Dibenzo[a,h]anthracene	ug/L	40	40	100	44 - 131	41	103	4	20	T
Benzo[g,h,i]perylene	ug/L	40	38	94	44 - 128	39	97	3	20	T
2-Picoline (2-Methylpyridine)	ug/L	40	25	62	34 - 109	27	67	7	20	T
N-Nitrosopiperidine	ug/L	40	34	85	56 - 121	36	89	5	20	T
a,a-Dimethylphenethylamin	ug/L	40	22	55	50 - 140	21	52	6	20	T
N-Nitrosodi-n-butylamine	ug/L	40	38	96	60 - 121	40	100	5	20	T
1-Naphthylamine	ug/L	40	34	84	24 - 124	35	87	3	20	T
2-Naphthylamine	ug/L	40	27	66	47 - 110	29	72	8	20	T
4-Aminobiphenyl	ug/L	40	27	67	25 - 110	29	73	9	20	T
Benzidine	ug/L	40	19	47	16 - 110	17	43	9	20	T
4-Dimethyl aminoazobenze	ug/L	40	44	111	62 - 132	47	118	6	20	T
3,3'-Dichlorobenzidine	ug/L	40	34	86	27 - 129	36	91	6	20	T
7,12-Dimethylbenz[a]anthra	ug/L	40	49	121	61 - 133	50	124	2	20	T





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Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
2,4,6-Tribromophenol (S)	mg/L	0.05	0.0450	90	37 - 140	0.05	101	12	20	T^
2-Fluorobiphenyl (S)	mg/L	0.05	0.0450	89	13 - 106	0.0460	92	4	20	T
2-Fluorophenol (S)	mg/L	0.05	0.0240	47	6 - 87	0.0230	45	5	20	T^
Nitrobenzene-d5 (S)	mg/L	0.05	0.0430	86	17 - 133	0.0460	92	7	20	T
Phenol-d6 (S)	mg/L	0.05	0.0190	37	1 - 163	0.0170	34	7	20	T
p-Terphenyl-d14 (S)	mg/L	0.05	0.0520	104	36 - 126	0.0540	108	4	20	T

Matrix Spike (5765448); Original (T2507245002); Parent Lab Sample (T2507245002)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
N-Nitrosodimethylamine	ug/L	41	28	68	49 - 144	T
Pyridine	ug/L	41	14	35	44 - 110	T
Methyl Methanesulfonate	ug/L	41	22	54	33 - 107	T
Ethyl methanesulfonate	ug/L	41	26	65	62 - 118	T
Aniline	ug/L	41	41	100	62 - 110	T
Phenol	ug/L	41	18	44	38 - 113	T
bis(2-Chloroethyl)Ether	ug/L	41	26	64	43 - 118	T
2-Chlorophenol	ug/L	41	29	70	38 - 117	T
1,3-Dichlorobenzene	ug/L	41	18	44	28 - 110	T
1,4-Dichlorobenzene	ug/L	41	18	45	29 - 112	T
1,2-Dichlorobenzene	ug/L	41	19	46	32 - 111	T
Benzyl Alcohol	ug/L	41	26	63	31 - 112	T
bis(2-Chloroisopropyl) Ether	ug/L	41	24	59	37 - 130	T
2-Methylphenol (o-Cresol)	ug/L	41	27	66	30 - 117	T
Acetophenone	ug/L	41	28	68	46 - 118	T
N-Nitrosodi-n-propylamine	ug/L	41	27	66	49 - 119	T
3+4-Methylphenol(mp-Cresol)	ug/L	41	26	64	29 - 110	T
Hexachloroethane	ug/L	41	17	41	21 - 115	T
Nitrobenzene	ug/L	41	25	61	45 - 121	T
Isophorone	ug/L	41	27	65	42 - 124	T
2-Nitrophenol	ug/L	41	27	66	47 - 123	T
2,4-Dimethylphenol	ug/L	41	26	64	31 - 124	T
bis(2-Chloroethoxy)methane	ug/L	41	26	64	48 - 120	T
2,4-Dichlorophenol	ug/L	41	30	73	47 - 121	T

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QC Batch: MSS1/3946
Preparation Method: SW-846 3510C
Associated Lab IDs: G2502990001

Analysis Method: SW-846 8270E

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Benzoic Acid	ug/L	41	11	27	10 - 110	T
1,2,4-Trichlorobenzene	ug/L	41	20	50	29 - 116	T
Naphthalene	ug/L	41	21	52	43 - 114	T
4-Chloroaniline	ug/L	41	24	58	33 - 117	T
2,6-Dichlorophenol	ug/L	41	27	66	50 - 118	T
Hexachlorobutadiene	ug/L	41	17	43	22 - 124	T
4-Chloro-3-methylphenol	ug/L	41	33	80	52 - 119	T
2-Methylnaphthalene	ug/L	41	25	60	39 - 114	T
1-Methylnaphthalene	ug/L	41	23	56	41 - 115	T
Hexachlorocyclopentadiene	ug/L	41	21	51	51 - 141	T
1,2,4,5-Tetrachlorobenzene	ug/L	41	24	60	35 - 121	T
2,4,6-Trichlorophenol	ug/L	41	26	63	50 - 125	T
2,4,5-Trichlorophenol	ug/L	41	32	77	53 - 123	T
2-Chloronaphthalene	ug/L	41	45	110	40 - 116	T
2-Nitroaniline	ug/L	41	35	86	55 - 127	T
Dimethyl phthalate	ug/L	41	22	54	45 - 127	T
2,6-Dinitrotoluene (2,6-DNT)	ug/L	41	37	92	57 - 124	T
Acenaphthylene	ug/L	41	27	67	35 - 121	T
3-Nitroaniline	ug/L	41	41	100	41 - 128	T
Acenaphthene	ug/L	41	28	68	48 - 114	T
2,4-Dinitrophenol	ug/L	41	25	61	23 - 143	T
Pentachlorobenzene	ug/L	41	32	78	59 - 123	T
Dibenzofuran	ug/L	41	29	70	35 - 120	T
2,4-Dinitrotoluene (2,4-DNT)	ug/L	41	37	91	57 - 128	T
4-Nitrophenol	ug/L	41	19	47	45 - 127	T
2,3,4,6-Tetrachlorophenol	ug/L	41	21	51	50 - 128	T
Diethyl phthalate	ug/L	41	34	82	56 - 125	T
Fluorene	ug/L	41	30	74	50 - 118	T
4-Chlorophenyl Phenyl Ether	ug/L	41	31	77	53 - 121	T
4-Nitroaniline	ug/L	41	45	111	64 - 143	T
2-Methyl-4,6-dinitrophenol	ug/L	41	26	63	44 - 137	T
N-Nitrosodiphenylamine	ug/L	41	33	82	51 - 123	T
1,2-Diphenylhydrazine	ug/L	41	36	87	49 - 122	T
Phenacetin	ug/L	41	44	108	71 - 124	T

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QC Batch: MSS1/3946
Preparation Method: SW-846 3510C
Associated Lab IDs: G2502990001

Analysis Method: SW-846 8270E

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
4-Bromophenyl Phenyl Ether	ug/L	41	36	88	55 - 124	T
Hexachlorobenzene	ug/L	41	38	93	53 - 125	T
Pentachlorophenol	ug/L	41	20	50	35 - 138	T
Pentachloronitrobenzene	ug/L	41	39	95	54 - 135	T
Pronamide (Kerb)	ug/L	41	42	103	65 - 129	T
Phenanthrene	ug/L	41	36	88	53 - 115	T
Anthracene	ug/L	41	37	90	53 - 119	T
Carbazole	ug/L	41	40	97	45 - 123	T
Di-n-Butyl Phthalate	ug/L	41	41	101	59 - 127	T
Fluoranthene	ug/L	41	39	95	58 - 120	T
Pyrene	ug/L	41	41	101	53 - 121	T
Butyl benzyl phthalate	ug/L	41	43	105	53 - 134	T
Benzo[a]anthracene	ug/L	41	42	104	59 - 120	T
Chrysene	ug/L	41	39	95	57 - 120	T
bis(2-Ethylhexyl) phthalate	ug/L	41	46	112	55 - 135	T
Di-n-octyl Phthalate	ug/L	41	44	107	51 - 140	T
Benzo[b]fluoranthene	ug/L	41	45	110	53 - 126	T
Benzo[k]fluoranthene	ug/L	41	35	86	54 - 125	T
Benzo[a]pyrene	ug/L	41	41	100	53 - 120	T
Indeno(1,2,3-cd)pyrene	ug/L	41	48	116	48 - 130	T
3-Methylcholanthrene	ug/L	41	46	114	56 - 133	T
Dibenzo[a,h]anthracene	ug/L	41	39	97	44 - 131	T
Benzo[g,h,i]perylene	ug/L	41	38	93	44 - 128	T
2-Picoline (2-Methylpyridine)	ug/L	41	18	44	34 - 109	T
N-Nitrosopiperidine	ug/L	41	27	65	56 - 121	T
a,a-Dimethylphenethylamine	ug/L	41	31	76	50 - 140	T
N-Nitrosodi-n-butylamine	ug/L	41	32	79	60 - 121	T
1-Naphthylamine	ug/L	41	30	74	24 - 124	T
2-Naphthylamine	ug/L	41	24	59	47 - 110	T
4-Aminobiphenyl	ug/L	41	29	71	25 - 110	T
Benzidine	ug/L	41	16	38	16 - 110	T
4-Dimethyl aminoazobenzene	ug/L	41	46	113	62 - 132	T
3,3'-Dichlorobenzidine	ug/L	41	33	81	27 - 129	T
7,12-Dimethylbenz[a]anthracene	ug/L	41	49	120	61 - 133	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502990)

QC Batch: MSS1/3946
Preparation Method: SW-846 3510C
Associated Lab IDs: G2502990001

Analysis Method: SW-846 8270E

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
2,4,6-Tribromophenol (S)	mg/L	0.0510	0.0410	80	37 - 140	T^
2-Fluorobiphenyl (S)	mg/L	0.0510	0.0330	66	13 - 106	T
2-Fluorophenol (S)	mg/L	0.0510	0.0220	44	6 - 87	T^
Nitrobenzene-d5 (S)	mg/L	0.0510	0.0320	62	17 - 133	T
Phenol-d6 (S)	mg/L	0.0510	0.0190	37	1 - 163	T
p-Terphenyl-d14 (S)	mg/L	0.0510	0.0530	103	36 - 126	T

QC Result Comments

Lab Control Sample Duplicate - 5765447 - 2,4-Dinitrophenol

J3|Lab QC Failure

Lab Control Sample Duplicate - 5765447 - 4-Nitrophenol

J3|Lab QC Failure

Lab Control Sample Duplicate - 5765447 - Benzoic Acid

J3|Lab QC Failure

Matrix Spike - 5765448 - Pyridine

J4|Estimated Result

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Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502990)

QC Results

QC Batch: MSVt/11423
Preparation Method: SW-846 5030B
Associated Lab IDs: G2502990001

Analysis Method: SW-846 8260D

Method Blank(5768663)

Parameter	Results	Units	PQL	MDL	Lab
Dichlorodifluoromethane	0.53 U	ug/L	1.0	0.53	T
Chloromethane	0.39 U	ug/L	1.0	0.39	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	T
Bromomethane	0.32 U	ug/L	1.0	0.32	T
Chloroethane	0.42 U	ug/L	1.0	0.42	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	T
Acrolein (Propenal)	1.8 U	ug/L	4.0	1.8	T
Acetone	0.90 U	ug/L	2.0	0.90	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	T
Methyl tert-butyl Ether (MTBE)	0.71 U	ug/L	1.0	0.71	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	T
Chloroform	0.37 U	ug/L	1.0	0.37	T
2,2-Dichloropropane	0.45 U	ug/L	1.0	0.45	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	T
1,1-Dichloropropene	0.38 U	ug/L	1.0	0.38	T
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	T
Benzene	0.28 U	ug/L	1.0	0.28	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	T





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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502990)

QC Batch: MSVt/11423
Preparation Method: SW-846 5030B
Associated Lab IDs: G2502990001

Analysis Method: SW-846 8260D

Parameter	Results	Units	PQL	MDL	Lab
2-Chloroethyl Vinyl Ether	0.79 U	ug/L	1.0	0.79	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	T
Toluene	0.66 U	ug/L	1.0	0.66	T
1,3-Dichloropropane	0.32 U	ug/L	1.0	0.32	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	T
Ethylene Dibromide (EDB)	0.29 U	ug/L	1.0	0.29	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	T
Bromoform	0.36 U	ug/L	1.0	0.36	T
Styrene	0.29 U	ug/L	1.0	0.29	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	T
1,2,3-Trichloropropane	0.22 U	ug/L	1.0	0.22	T
Isopropylbenzene	0.42 U	ug/L	1.0	0.42	T
Bromobenzene	0.34 U	ug/L	1.0	0.34	T
n-propylbenzene	0.34 U	ug/L	1.0	0.34	T
2-Chlorotoluene	0.34 U	ug/L	1.0	0.34	T
4-Chlorotoluene	0.34 U	ug/L	1.0	0.34	T
1,3,5-Trimethylbenzene	0.39 U	ug/L	1.0	0.39	T
tert-butylbenzene	0.38 U	ug/L	1.0	0.38	T
1,2,4-Trimethylbenzene	0.41 U	ug/L	1.0	0.41	T
sec-butylbenzene	0.41 U	ug/L	1.0	0.41	T
1,3-Dichlorobenzene	0.40 U	ug/L	1.0	0.40	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	T
n-Butylbenzene	0.59 U	ug/L	1.0	0.59	T
1,2-Dibromo-3-Chloropropane	0.38 U	ug/L	3.0	0.38	T
1,2,4-Trichlorobenzene	0.52 U	ug/L	1.0	0.52	T
Naphthalene	0.93 U	ug/L	1.0	0.93	T

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Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502990)

QC Batch: MSVt/11423
Preparation Method: SW-846 5030B
Associated Lab IDs: G2502990001

Analysis Method: SW-846 8260D

Parameter	Results	Units	PQL	MDL	Lab
Hexachlorobutadiene	0.32 U	ug/L	1.0	0.32	T
1,2,3-Trichlorobenzene	0.36 U	ug/L	1.0	0.36	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	52	103	70 - 128	T
Bromofluorobenzene (S)	ug/L	50	52	105	86 - 123	T
Toluene-d8 (S)	ug/L	50	51	103	77 - 119	T

Lab Control Sample (5768664); Lab Control Sample Duplicate (5768665); Parent Lab Sample (G2502990001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Dichlorodifluoromethane	ug/L	20	20	99	32 - 152	22	111	11	20	T
Chloromethane	ug/L	20	24	119	50 - 139	25	126	6	20	T
Vinyl Chloride	ug/L	20	23	113	58 - 137	24	121	7	20	T
Bromomethane	ug/L	20	27	134	10 - 150	27	134	0	20	T
Chloroethane	ug/L	20	23	114	60 - 138	25	123	8	20	T
Trichlorofluoromethane	ug/L	20	21	105	65 - 141	23	113	7	20	T
Acrolein (Propenal)	ug/L	100	120	118	39 - 155	140	136	14	20	T
Acetone	ug/L	20	22	110	39 - 160	24	122	10	20	T
1,1-Dichloroethylene	ug/L	20	21	107	71 - 131	24	121	13	20	T
Iodomethane (Methyl Iodid	ug/L	20	25	127	10 - 150	26	129	2	20	T
Acrylonitrile	ug/L	20	22	110	63 - 135	24	121	10	20	T
Methylene Chloride	ug/L	20	24	119	74 - 124	23	117	1	20	T
Carbon Disulfide	ug/L	20	21	107	64 - 133	24	119	11	20	T
trans-1,2-Dichloroethylene	ug/L	20	21	106	75 - 124	25	123	15	20	T
Methyl tert-butyl Ether (MT	ug/L	20	22	112	71 - 124	22	111	1	20	T
1,1-Dichloroethane	ug/L	20	21	105	77 - 125	24	118	12	20	T
Vinyl Acetate	ug/L	20	22	110	10 - 150	24	119	8	20	T
2-Butanone (MEK)	ug/L	20	22	109	56 - 143	24	121	10	20	T
cis-1,2-Dichloroethylene	ug/L	20	22	112	78 - 123	20	102	9	20	T
Bromochloromethane	ug/L	20	19	97	78 - 123	21	106	9	20	T
Chloroform	ug/L	20	22	108	79 - 124	24	119	10	20	T
2,2-Dichloropropane	ug/L	20	27	134	10 - 150	23	114	16	20	T
1,2-Dichloroethane	ug/L	20	22	112	73 - 128	25	123	9	20	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502990)

QC Batch: MSVt/11423
Preparation Method: SW-846 5030B
Associated Lab IDs: G2502990001

Analysis Method: SW-846 8260D

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
1,1,1-Trichloroethane	ug/L	20	22	108	74 - 131	24	122	12	20	T
1,1-Dichloropropene	ug/L	20	22	108	79 - 125	24	122	12	20	T
Carbon Tetrachloride	ug/L	20	22	108	72 - 136	24	122	12	20	T
Benzene	ug/L	20	21	106	79 - 120	24	120	13	20	T
Dibromomethane	ug/L	20	20	101	79 - 123	22	111	9	20	T
1,2-Dichloropropane	ug/L	20	22	108	78 - 122	24	121	11	20	T
Trichloroethene	ug/L	20	21	107	79 - 123	24	121	12	20	T
Bromodichloromethane	ug/L	20	21	106	79 - 125	24	119	11	20	T
2-Chloroethyl Vinyl Ether	ug/L	20	21	105	10 - 150	23	116	10	20	T
cis-1,3-Dichloropropene	ug/L	20	23	115	75 - 124	20	102	12	20	T
4-Methyl-2-pentanone (MIB)	ug/L	20	21	106	67 - 130	24	118	11	20	T
trans-1,3-Dichloropropylene	ug/L	20	21	107	73 - 127	23	117	9	20	T
1,1,2-Trichloroethane	ug/L	20	21	106	80 - 119	24	119	12	20	T
Toluene	ug/L	20	21	106	80 - 121	23	113	6	20	T
1,3-Dichloropropane	ug/L	20	22	108	80 - 119	23	114	5	20	T
2-Hexanone	ug/L	20	24	122	57 - 139	25	126	3	20	T
Dibromochloromethane	ug/L	20	22	110	74 - 126	23	113	2	20	T
Ethylene Dibromide (EDB)	ug/L	20	21	107	77 - 121	22	110	3	20	T
Tetrachloroethylene (PCE)	ug/L	20	21	104	74 - 129	22	110	6	20	T
1,1,1,2-Tetrachloroethane	ug/L	20	21	104	78 - 124	21	107	3	20	T
Chlorobenzene	ug/L	20	21	105	82 - 118	22	110	5	20	T
Ethylbenzene	ug/L	20	22	108	79 - 121	22	112	4	20	T
Bromoform	ug/L	20	20	99	66 - 130	21	103	3	20	T
Styrene	ug/L	20	22	111	78 - 123	23	116	4	20	T
1,1,2,2-Tetrachloroethane	ug/L	20	22	110	71 - 121	22	111	1	20	T
1,2,3-Trichloropropane	ug/L	20	24	118	73 - 122	19	97	20	20	T
Isopropylbenzene	ug/L	20	21	105	72 - 131	24	119	13	20	T
Bromobenzene	ug/L	20	21	104	80 - 120	24	118	12	20	T
n-propylbenzene	ug/L	20	21	104	76 - 126	24	119	13	20	T
2-Chlorotoluene	ug/L	20	21	103	79 - 122	24	118	13	20	T
4-Chlorotoluene	ug/L	20	21	104	78 - 122	24	118	12	20	T
1,3,5-Trimethylbenzene	ug/L	20	21	103	75 - 124	24	119	14	20	T
tert-butylbenzene	ug/L	20	21	105	78 - 124	24	119	13	20	T





FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502990)

QC Batch: MSVt/11423
Preparation Method: SW-846 5030B
Associated Lab IDs: G2502990001

Analysis Method: SW-846 8260D

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
1,2,4-Trimethylbenzene	ug/L	20	21	103	76 - 124	24	119	15	20	T
sec-butylbenzene	ug/L	20	21	106	77 - 126	24	120	12	20	T
1,3-Dichlorobenzene	ug/L	20	21	104	80 - 119	23	117	12	20	T
1,4-Dichlorobenzene	ug/L	20	20	102	79 - 118	23	115	12	20	T
1,2-Dichlorobenzene	ug/L	20	21	104	80 - 119	23	116	11	20	T
n-Butylbenzene	ug/L	20	19	96	75 - 128	22	108	12	20	T
1,2-Dibromo-3-Chloropropa	ug/L	20	22	108	62 - 128	23	114	5	20	T
1,2,4-Trichlorobenzene	ug/L	20	20	100	69 - 130	22	112	11	20	T
Naphthalene	ug/L	20	21	107	61 - 128	23	117	9	20	T
Hexachlorobutadiene	ug/L	20	20	101	66 - 134	21	106	5	20	T
1,2,3-Trichlorobenzene	ug/L	20	22	108	69 - 129	23	114	5	20	T
Xylene (Total)	ug/L	60	65	108	79 - 121	68	113	5	20	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	53	106	70 - 128	49	99	7		T
Bromofluorobenzene (S)	ug/L	50	49	98	86 - 123	44	89	10		T
Toluene-d8 (S)	ug/L	50	51	102	77 - 119	42	85	19		T

Matrix Spike (5768666); Original (A2503275001); Parent Lab Sample (A2503275001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Dichlorodifluoromethane	ug/L	20	17	84	32 - 152	T
Chloromethane	ug/L	20	22	110	50 - 139	T
Vinyl Chloride	ug/L	20	20	102	10 - 150	T
Bromomethane	ug/L	20	25	124	10 - 150	T
Chloroethane	ug/L	20	19	95	60 - 138	T
Trichlorofluoromethane	ug/L	20	18	90	65 - 141	T
1,1-Dichloroethylene	ug/L	20	20	100	71 - 131	T
Methylene Chloride	ug/L	20	23	113	74 - 124	T
trans-1,2-Dichloroethylene	ug/L	20	21	103	75 - 124	T
1,1-Dichloroethane	ug/L	20	20	100	77 - 125	T
cis-1,2-Dichloroethylene	ug/L	20	21	107	78 - 123	T
Chloroform	ug/L	20	20	102	79 - 124	T
1,2-Dichloroethane	ug/L	20	21	107	73 - 128	T





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Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502990)

QC Batch: MSVt/11423
Preparation Method: SW-846 5030B
Associated Lab IDs: G2502990001

Analysis Method: SW-846 8260D

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,1,1-Trichloroethane	ug/L	20	20	102	74 - 131	T
Carbon Tetrachloride	ug/L	20	20	101	72 - 136	T
1,2-Dichloropropane	ug/L	20	20	100	78 - 122	T
Trichloroethene	ug/L	20	21	97	79 - 123	T
Bromodichloromethane	ug/L	20	20	102	79 - 125	T
2-Chloroethyl Vinyl Ether	ug/L	20	20	100	10 - 150	T
cis-1,3-Dichloropropene	ug/L	20	22	108	75 - 124	T
trans-1,3-Dichloropropylene	ug/L	20	20	102	73 - 127	T
1,1,2-Trichloroethane	ug/L	20	20	102	80 - 119	T
Dibromochloromethane	ug/L	20	21	103	74 - 126	T
Tetrachloroethylene (PCE)	ug/L	20	20	102	74 - 129	T
Chlorobenzene	ug/L	20	20	99	82 - 118	T
Bromoform	ug/L	20	19	94	66 - 130	T
1,1,2,2-Tetrachloroethane	ug/L	20	20	99	71 - 121	T
1,3-Dichlorobenzene	ug/L	20	20	99	80 - 119	T
1,4-Dichlorobenzene	ug/L	20	20	99	79 - 118	T
1,2-Dichlorobenzene	ug/L	20	20	99	80 - 119	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	53	105	70 - 128	T
Bromofluorobenzene (S)	ug/L	50	49	98	86 - 123	T
Toluene-d8 (S)	ug/L	50	51	102	77 - 119	T





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Workorder: FAIRBANKS RURAL COLLECTION CTR (G2502990)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
GCSt/5518 - EPA 8081			
G2502990001	TMP-1	EXTt/7180	SW-846 3510C
GCSt/5519 - SW-846 8082A			
G2502990001	TMP-1	EXTt/7181	SW-846 3510C
GCSt/5532 - FL-PRO			
G2502990001	TMP-1	EXTt/7199	FL-PRO
MSSSt/3946 - SW-846 8270E			
G2502990001	TMP-1	EXTt/7200	SW-846 3510C
MSVt/11423 - SW-846 8260D			
G2502990001	TMP-1	MSVt/11416	SW-846 5030B





Client Name: GGC Engineering & Consulting, Inc

Address: 5590 SW 64th Street, Suite B

Gainesville, FL 32608

Phone: 352-377-3233

FAX:

Contact: Enviro@gseengineering.com

Sampled By: K. Doyle

Turn Around Time: X Standard Rush

AEI Profile #: GNV 70812

☐ Altamonte Springs: 380 Northlake Blvd., Ste. 1048, FL 32701 • 407 937 1594 • Lab ID: ES3076
☐ Fort Myers: 13100 Westlakes Terrace, Ste. 10, FL 33913 • 239 674 8130 • Lab ID: ES4492
☐ Jacksonville: 6661 Southpoint Pkwy., FL 32216 • 904 363 9350 • Lab ID: ES2574
☐ Tallahassee: 2639 North Monroe St., Suite D, FL 32303 • 850 219 6274 • Lab ID: ES1095

☐ Gainesville: 4955 SW 41st Blvd., FL 32608 • 352 377 2349 • Lab ID: ES2001
☐ Miramar: 10200 USA Today Way, FL 33025 • 954 889 2288 • Lab ID: ES2535
☐ Tampa: 9610 Princess Palm Ave., FL 33619 • 813 630 9616 • Lab ID: ES4589

Project Name: Fairbanks Rural Collection Center

Project Number: 16901

PO Number: 16901

FDEP Facility No:

FDEP Facility Addr:

Special Instructions:

ADAPT

EQUIS

Other

SAMPLE ID

SAMPLE DESCRIPTION

Grab Comp

SAMPLING

DATE

TIME

MATRIX

NO. COUNT

TEMP-1

Grab 3/24/25 10:15

GW

6

Preservation Field-Filtered?

ANALYSIS REQUIRED

BOTTLE SIZE & TYPE

8260 Full List

8270 Full List

TRPH FLO-PRO

8081 Pest.

8082 PCB

LABORATORY I.D. NUMBER

Matrix Code: WW=wastewater, SW=surface water, GW=ground water, DW=drinking water, MW=marine water, O=oil, A=air, SO=soil, SL=sludge

Received on Ice ☒ Yes ☐ No ☐ Temp taken from sample

☐ Temp from blank

Where required, pH checked

DCN: AD-D051web Form last revised 07/26/2022

Device used for measuring Temp by unique identifier (circle IR temp gun used)

Temp. when received (observed) 21 °C Temp. when received (corrected) 21 °C

FOR DRINKING WATER USE:

(When PWS information not otherwise supplied) PWS ID:

Contact Person:

Supplier of Water:

Relinquished by:

Date

Time

Received by:

Date

Time

3/24/25 10:55

ATTB

3/24/25 11:00



Advanced Environmental Laboratories, Inc.
4965 SW 41st Bl Gainesville, FL 32608
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (352) 377-2349
Fax: (352) 395-6639

FINAL

Workorder: 16901 FAIRBANKS RURAL COLLECTI (G2502983)

March 31, 2025

Jay Nordqvist
GSE Engineering
5590 SW 64th St. Suite B
Gainesville, FL 32608

RE: Workorder: G2502983 16901 FAIRBANKS RURAL COLLECTI

Dear Jay Nordqvist:

Enclosed are the analytical results for sample(s) received by the laboratory on Friday March 21, 2025. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Desmond Brady
DBrady@aellab.com

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Fax: (352) 395-6639

FINAL

Workorder: 16901 FAIRBANKS RURAL COLLECTI (G2502983)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
G2502983001	TMP-2	WA	EPA 8081	03/21/2025 15:10	03/21/2025 15:55	19	NA
G2502983001	TMP-2	WA	FL-PRO	03/21/2025 15:10	03/21/2025 15:55	1	NA
G2502983001	TMP-2	WA	SW-846 8082A	03/21/2025 15:10	03/21/2025 15:55	7	NA
G2502983001	TMP-2	WA	SW-846 8270E	03/21/2025 15:10	03/21/2025 15:55	92	NA

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Workorder: 16901 FAIRBANKS RURAL COLLECTI (G2502983)

Workorder Summary

Batch Comments

MSS#3946 - 8270/625 Analysis, Water

The relative percent difference (RPD) for Benzoic Acid, 2,4 Dinitrophenol, 4-Nitrophenol, Diphenylamine, between the Laboratory Control Sample (5765446) and the Laboratory Control Sample Duplicate (5765447) was outside control criteria. Spike recoveries in the LCS and LCSD were within acceptable limits, indicating that the analytical batch was in control. No corrective action was required.

The control criteria for Pyridine in MS 5765448 are not applicable. As recorded in the extraction logbook, the sample formed emulsions in the solvent layer during the extraction. Such emulsions are known to negatively affect analyte yields. The affected analyte was qualified to indicate matrix interference.

Task Comments

G2502983001 (TMP-2) - MSS#3946 - 8270/625 Analysis, Water

The control criteria for 2,4,6 Tribromophenol in G2502983001 are not applicable. As recorded in the extraction logbook, the sample formed emulsions in the solvent layer during the extraction. Such emulsions are known to negatively affect analyte yields. The affected analyte was qualified to indicate matrix interference.

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FINAL

Workorder: 16901 FAIRBANKS RURAL COLLECTI (G2502983)

Analytical Results Qualifiers

Parameter Qualifiers

- U The compound was analyzed for but not detected.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Lab Qualifiers

- T DOH Certification #E84589 (FL NELAC) AEL-Tampa

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FINAL

Workorder: 16901 FAIRBANKS RURAL COLLECTI (G2502983)

Analytical Results

Lab ID:	G2502983001		Date Collected:	03/21/2025 15:10		Matrix:	Water	
Sample ID:	TMP-2		Date Received:	03/21/2025 15:55				
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
SEMIVOLATILES (FL-PRO)								
TPH	570 U	ug/L	2400	570	1	03/28/2025 08:45	03/29/2025 01:12	T
SEMIVOLATILES (SW-846 3510C/EPA 8081)								
4,4`-DDD	0.0031 U	ug/L	0.057	0.0031	1	03/25/2025 14:00	03/26/2025 22:08	T
4,4`-DDE	0.016 U	ug/L	0.057	0.016	1	03/25/2025 14:00	03/26/2025 22:08	T
4,4`-DDT	0.016 U	ug/L	0.057	0.016	1	03/25/2025 14:00	03/26/2025 22:08	T
Aldrin	0.015 U	ug/L	0.057	0.015	1	03/25/2025 14:00	03/26/2025 22:08	T
Chlordane (technical)	0.32 U	ug/L	0.57	0.32	1	03/25/2025 14:00	03/26/2025 22:08	T
Dieldrin	0.011 U	ug/L	0.017	0.011	1	03/25/2025 14:00	03/26/2025 22:08	T
Endosulfan I	0.013 U	ug/L	0.057	0.013	1	03/25/2025 14:00	03/26/2025 22:08	T
Endosulfan II	0.016 U	ug/L	0.057	0.016	1	03/25/2025 14:00	03/26/2025 22:08	T
Endosulfan Sulfate	0.024 U	ug/L	0.057	0.024	1	03/25/2025 14:00	03/26/2025 22:08	T
Endrin	0.015 U	ug/L	0.057	0.015	1	03/25/2025 14:00	03/26/2025 22:08	T
Endrin Aldehyde	0.026 U	ug/L	0.057	0.026	1	03/25/2025 14:00	03/26/2025 22:08	T
Heptachlor	0.011 U	ug/L	0.057	0.011	1	03/25/2025 14:00	03/26/2025 22:08	T
Heptachlor Epoxide	0.018 U	ug/L	0.057	0.018	1	03/25/2025 14:00	03/26/2025 22:08	T
Methoxychlor	0.0038 U	ug/L	0.057	0.0038	1	03/25/2025 14:00	03/26/2025 22:08	T
Toxaphene	0.31 U	ug/L	0.57	0.31	1	03/25/2025 14:00	03/26/2025 22:08	T
alpha-BHC	0.0047 U	ug/L	0.057	0.0047	1	03/25/2025 14:00	03/26/2025 22:08	T
beta-BHC	0.021 U	ug/L	0.057	0.021	1	03/25/2025 14:00	03/26/2025 22:08	T
delta-BHC	0.0048 U	ug/L	0.057	0.0048	1	03/25/2025 14:00	03/26/2025 22:08	T
gamma-BHC (Lindane)	0.017 U	ug/L	0.057	0.017	1	03/25/2025 14:00	03/26/2025 22:08	T
SEMIVOLATILES (SW-846 3510C/SW-846 8082A)								
Aroclor 1016 (PCB-1016)	0.16 U	ug/L	0.23	0.16	1	03/25/2025 14:00	03/26/2025 22:08	T
Aroclor 1221 (PCB-1221)	0.16 U	ug/L	0.23	0.16	1	03/25/2025 14:00	03/26/2025 22:08	T
Aroclor 1232 (PCB-1232)	0.16 U	ug/L	0.23	0.16	1	03/25/2025 14:00	03/26/2025 22:08	T
Aroclor 1242 (PCB-1242)	0.16 U	ug/L	0.23	0.16	1	03/25/2025 14:00	03/26/2025 22:08	T
Aroclor 1248 (PCB-1248)	0.16 U	ug/L	0.23	0.16	1	03/25/2025 14:00	03/26/2025 22:08	T

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FINAL

Workorder: 16901 FAIRBANKS RURAL COLLECTI (G2502983)

Analytical Results

Lab ID: G2502983001	Date Collected: 03/21/2025 15:10					Matrix: Water		
Sample ID: TMP-2	Date Received: 03/21/2025 15:55							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Aroclor 1254 (PCB-1254)	0.16 U	ug/L	0.23	0.16	1	03/25/2025 14:00	03/26/2025 22:08	T
Aroclor 1260 (PCB-1260)	0.16 U	ug/L	0.23	0.16	1	03/25/2025 14:00	03/26/2025 22:08	T
SEMIVOLATILES (SW-846 3510C/SW-846 8270E)								
1,2,4,5-Tetrachlorobenzene	0.74 U	ug/L	6.0	0.74	1	03/28/2025 10:10	03/29/2025 04:11	T
1,2,4-Trichlorobenzene	1.3 U	ug/L	6.0	1.3	1	03/28/2025 10:10	03/29/2025 04:11	T
1,2-Dichlorobenzene	1.7 U	ug/L	6.0	1.7	1	03/28/2025 10:10	03/29/2025 04:11	T
1,2-Diphenylhydrazine	1.9 U	ug/L	6.0	1.9	1	03/28/2025 10:10	03/29/2025 04:11	T
1,3-Dichlorobenzene	2.2 U	ug/L	6.0	2.2	1	03/28/2025 10:10	03/29/2025 04:11	T
1,4-Dichlorobenzene	1.6 U	ug/L	6.0	1.6	1	03/28/2025 10:10	03/29/2025 04:11	T
1-Methylnaphthalene	0.013 U	ug/L	0.060	0.013	1	03/28/2025 10:10	03/29/2025 04:11	T
1-Naphthylamine	3.7 U	ug/L	6.0	3.7	1	03/28/2025 10:10	03/29/2025 04:11	T
2,3,4,6-Tetrachlorophenol	1.7 U	ug/L	6.0	1.7	1	03/28/2025 10:10	03/29/2025 04:11	T
2,4,5-Trichlorophenol	0.43 U	ug/L	6.0	0.43	1	03/28/2025 10:10	03/29/2025 04:11	T
2,4,6-Trichlorophenol	1.5 U	ug/L	6.0	1.5	1	03/28/2025 10:10	03/29/2025 04:11	T
2,4-Dichlorophenol	0.38 U	ug/L	6.0	0.38	1	03/28/2025 10:10	03/29/2025 04:11	T
2,4-Dimethylphenol	0.75 U	ug/L	6.0	0.75	1	03/28/2025 10:10	03/29/2025 04:11	T
2,4-Dinitrophenol	2.8 U	ug/L	6.0	2.8	1	03/28/2025 10:10	03/29/2025 04:11	T
2,4-Dinitrotoluene (2,4-DNT)	2.8 U	ug/L	6.0	2.8	1	03/28/2025 10:10	03/29/2025 04:11	T
2,6-Dichlorophenol	0.25 U	ug/L	6.0	0.25	1	03/28/2025 10:10	03/29/2025 04:11	T
2,6-Dinitrotoluene (2,6-DNT)	2.7 U	ug/L	6.0	2.7	1	03/28/2025 10:10	03/29/2025 04:11	T
2-Chloronaphthalene	4.9 U	ug/L	6.0	4.9	1	03/28/2025 10:10	03/29/2025 04:11	T
2-Chlorophenol	1.9 U	ug/L	6.0	1.9	1	03/28/2025 10:10	03/29/2025 04:11	T
2-Methyl-4,6-dinitrophenol	2.6 U	ug/L	6.0	2.6	1	03/28/2025 10:10	03/29/2025 04:11	T
2-Methylnaphthalene	0.0098 U	ug/L	0.060	0.0098	1	03/28/2025 10:10	03/29/2025 04:11	T
2-Methylphenol (o-Cresol)	1.5 U	ug/L	6.0	1.5	1	03/28/2025 10:10	03/29/2025 04:11	T
2-Naphthylamine	3.6 U	ug/L	6.0	3.6	1	03/28/2025 10:10	03/29/2025 04:11	T
2-Nitroaniline	3.1 U	ug/L	6.0	3.1	1	03/28/2025 10:10	03/29/2025 04:11	T





FINAL

Workorder: 16901 FAIRBANKS RURAL COLLECTI (G2502983)

Analytical Results

Lab ID:	G2502983001	Date Collected:				03/21/2025 15:10	Matrix:		Water
Sample ID:	TMP-2	Date Received:				03/21/2025 15:55			
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
2-Nitrophenol	1.5 U	ug/L	6.0	1.5	1	03/28/2025 10:10	03/29/2025 04:11	T	
2-Picoline (2-Methylpyridine)	2.1 U	ug/L	6.0	2.1	1	03/28/2025 10:10	03/29/2025 04:11	T	
3+4-Methylphenol(mp-Cresol)	1.3 U	ug/L	6.0	1.3	1	03/28/2025 10:10	03/29/2025 04:11	T	
3,3'-Dichlorobenzidine	1.3 U	ug/L	6.0	1.3	1	03/28/2025 10:10	03/29/2025 04:11	T	
3-Methylcholanthrene	1.8 U	ug/L	6.0	1.8	1	03/28/2025 10:10	03/29/2025 04:11	T	
3-Nitroaniline	0.65 U	ug/L	6.0	0.65	1	03/28/2025 10:10	03/29/2025 04:11	T	
4-Aminobiphenyl	2.8 U	ug/L	6.0	2.8	1	03/28/2025 10:10	03/29/2025 04:11	T	
4-Bromophenyl Phenyl Ether	1.3 U	ug/L	6.0	1.3	1	03/28/2025 10:10	03/29/2025 04:11	T	
4-Chloro-3-methylphenol	1.0 U	ug/L	6.0	1.0	1	03/28/2025 10:10	03/29/2025 04:11	T	
4-Chloroaniline	4.5 U	ug/L	6.0	4.5	1	03/28/2025 10:10	03/29/2025 04:11	T	
4-Chlorophenyl Phenyl Ether	0.95 U	ug/L	6.0	0.95	1	03/28/2025 10:10	03/29/2025 04:11	T	
4-Dimethyl aminoazobenzene	1.4 U	ug/L	6.0	1.4	1	03/28/2025 10:10	03/29/2025 04:11	T	
4-Nitroaniline	1.7 U	ug/L	6.0	1.7	1	03/28/2025 10:10	03/29/2025 04:11	T	
4-Nitrophenol	1.0 U	ug/L	6.0	1.0	1	03/28/2025 10:10	03/29/2025 04:11	T	
7,12-Dimethylbenz[a]anthracene	2.1 U	ug/L	6.0	2.1	1	03/28/2025 10:10	03/29/2025 04:11	T	
Acenaphthene	0.0084 U	ug/L	0.060	0.0084	1	03/28/2025 10:10	03/29/2025 04:11	T	
Acenaphthylene	0.0096 U	ug/L	0.060	0.0096	1	03/28/2025 10:10	03/29/2025 04:11	T	
Acetophenone	1.5 U	ug/L	6.0	1.5	1	03/28/2025 10:10	03/29/2025 04:11	T	
Aniline	4.4 U	ug/L	6.0	4.4	1	03/28/2025 10:10	03/29/2025 04:11	T	
Anthracene	0.016 U	ug/L	0.060	0.016	1	03/28/2025 10:10	03/29/2025 04:11	T	
Benzidine	2.5 U	ug/L	6.0	2.5	1	03/28/2025 10:10	03/29/2025 04:11	T	
Benzo[a]anthracene	0.013 U	ug/L	0.060	0.013	1	03/28/2025 10:10	03/29/2025 04:11	T	
Benzo[a]pyrene	0.011 U	ug/L	0.060	0.011	1	03/28/2025 10:10	03/29/2025 04:11	T	
Benzo[b]fluoranthene	0.013 U	ug/L	0.030	0.013	1	03/28/2025 10:10	03/29/2025 04:11	T	
Benzo[g,h,i]perylene	0.013 U	ug/L	0.060	0.013	1	03/28/2025 10:10	03/29/2025 04:11	T	
Benzo[k]fluoranthene	0.0083 U	ug/L	0.060	0.0083	1	03/28/2025 10:10	03/29/2025 04:11	T	
Benzoic Acid	2.9 U	ug/L	6.0	2.9	1	03/28/2025 10:10	03/29/2025 04:11	T	

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FINAL

Workorder: 16901 FAIRBANKS RURAL COLLECTI (G2502983)

Analytical Results

Lab ID: G2502983001
Sample ID: TMP-2

Date Collected: 03/21/2025 15:10
Date Received: 03/21/2025 15:55

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Benzyl Alcohol	1.8 U	ug/L	6.0	1.8	1	03/28/2025 10:10	03/29/2025 04:11	T
Butyl benzyl phthalate	1.3 U	ug/L	6.0	1.3	1	03/28/2025 10:10	03/29/2025 04:11	T
Carbazole	0.24 U	ug/L	6.0	0.24	1	03/28/2025 10:10	03/29/2025 04:11	T
Chrysene	0.0093 U	ug/L	0.060	0.0093	1	03/28/2025 10:10	03/29/2025 04:11	T
Di-n-Butyl Phthalate	2.3 U	ug/L	6.0	2.3	1	03/28/2025 10:10	03/29/2025 04:11	T
Di-n-octyl Phthalate	2.4 U	ug/L	6.0	2.4	1	03/28/2025 10:10	03/29/2025 04:11	T
Dibenzo[a,h]anthracene	0.016 U	ug/L	0.060	0.016	1	03/28/2025 10:10	03/29/2025 04:11	T
Dibenzofuran	0.40 U	ug/L	6.0	0.40	1	03/28/2025 10:10	03/29/2025 04:11	T
Diethyl phthalate	1.6 U	ug/L	6.0	1.6	1	03/28/2025 10:10	03/29/2025 04:11	T
Dimethyl phthalate	1.4 U	ug/L	6.0	1.4	1	03/28/2025 10:10	03/29/2025 04:11	T
Ethyl methanesulfonate	1.7 U	ug/L	6.0	1.7	1	03/28/2025 10:10	03/29/2025 04:11	T
Fluoranthene	0.011 U	ug/L	0.060	0.011	1	03/28/2025 10:10	03/29/2025 04:11	T
Fluorene	0.012 U	ug/L	0.060	0.012	1	03/28/2025 10:10	03/29/2025 04:11	T
Hexachlorobenzene	0.50 U	ug/L	6.0	0.50	1	03/28/2025 10:10	03/29/2025 04:11	T
Hexachlorobutadiene	0.40 U	ug/L	6.0	0.40	1	03/28/2025 10:10	03/29/2025 04:11	T
Hexachlorocyclopentadiene	1.5 U	ug/L	6.0	1.5	1	03/28/2025 10:10	03/29/2025 04:11	T
Hexachloroethane	2.1 U	ug/L	6.0	2.1	1	03/28/2025 10:10	03/29/2025 04:11	T
Indeno(1,2,3-cd)pyrene	0.013 U	ug/L	0.060	0.013	1	03/28/2025 10:10	03/29/2025 04:11	T
Isophorone	0.84 U	ug/L	6.0	0.84	1	03/28/2025 10:10	03/29/2025 04:11	T
Methyl Methanesulfonate	1.4 U	ug/L	6.0	1.4	1	03/28/2025 10:10	03/29/2025 04:11	T
N-Nitrosodi-n-butylamine	0.67 U	ug/L	6.0	0.67	1	03/28/2025 10:10	03/29/2025 04:11	T
N-Nitrosodi-n-propylamine	1.8 U	ug/L	6.0	1.8	1	03/28/2025 10:10	03/29/2025 04:11	T
N-Nitrosodimethylamine	1.4 U	ug/L	6.0	1.4	1	03/28/2025 10:10	03/29/2025 04:11	T
N-Nitrosodiphenylamine	1.1 U	ug/L	6.0	1.1	1	03/28/2025 10:10	03/29/2025 04:11	T
N-Nitrosopiperidine	0.89 U	ug/L	6.0	0.89	1	03/28/2025 10:10	03/29/2025 04:11	T
Naphthalene	0.017 U	ug/L	0.060	0.017	1	03/28/2025 10:10	03/29/2025 04:11	T
Nitrobenzene	1.4 U	ug/L	6.0	1.4	1	03/28/2025 10:10	03/29/2025 04:11	T

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FINAL

Workorder: 16901 FAIRBANKS RURAL COLLECTI (G2502983)

Analytical Results

Lab ID:	G2502983001	Date Collected:	03/21/2025 15:10			Matrix:	Water	
Sample ID:	TMP-2	Date Received:	03/21/2025 15:55					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Pentachlorobenzene	1.0 U	ug/L	6.0	1.0	1	03/28/2025 10:10	03/29/2025 04:11	T
Pentachloronitrobenzene	1.9 U	ug/L	6.0	1.9	1	03/28/2025 10:10	03/29/2025 04:11	T
Pentachlorophenol	0.64 U	ug/L	6.0	0.64	1	03/28/2025 10:10	03/29/2025 04:11	T
Phenacetin	4.6 U	ug/L	6.0	4.6	1	03/28/2025 10:10	03/29/2025 04:11	T
Phenanthrene	0.011 U	ug/L	0.060	0.011	1	03/28/2025 10:10	03/29/2025 04:11	T
Phenol	1.2 U	ug/L	6.0	1.2	1	03/28/2025 10:10	03/29/2025 04:11	T
Pronamide (Kerb)	2.0 U	ug/L	6.0	2.0	1	03/28/2025 10:10	03/29/2025 04:11	T
Pyrene	0.011 U	ug/L	0.060	0.011	1	03/28/2025 10:10	03/29/2025 04:11	T
Pyridine	2.2 U	ug/L	6.0	2.2	1	03/28/2025 10:10	03/29/2025 04:11	T
a,a-Dimethylphenethylamine	0.58 U	ug/L	6.0	0.58	1	03/28/2025 10:10	03/29/2025 04:11	T
bis(2-Chloroethoxy)methane	1.2 U	ug/L	6.0	1.2	1	03/28/2025 10:10	03/29/2025 04:11	T
bis(2-Chloroethyl)Ether	0.55 U	ug/L	6.0	0.55	1	03/28/2025 10:10	03/29/2025 04:11	T
bis(2-Chloroisopropyl) Ether	0.46 U	ug/L	6.0	0.46	1	03/28/2025 10:10	03/29/2025 04:11	T
bis(2-Ethylhexyl) phthalate	2.7 U	ug/L	6.0	2.7	1	03/28/2025 10:10	03/29/2025 04:11	T

Analysis Results Comments

2,4,6-Tribromophenol

J4|Estimated Result

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
2,4,6-Tribromophenol (S)	ug/L	60	16	26	37 - 140	T^
2-Fluorobiphenyl (S)	ug/L	60	36	59	13 - 106	T
2-Fluorophenol (S)	ug/L	60	13	22	6 - 87	T^





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FINAL

Workorder: 16901 FAIRBANKS RURAL COLLECTI (G2502983)

Analytical Results

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Nonatricontane-C39 (S)	ug/L	600	440	74	40 - 129	T
Phenol-d6 (S)	ug/L	60	7.80	13	1 - 163	T
Decachlorobiphenyl (S)	ug/L	0.57	0.30	52	48 - 137	T
Tetrachloro-m-xylene (S)	ug/L	1.10	0.92	80	61 - 119	T
p-Terphenyl-d14 (S)	ug/L	60	39	65	36 - 126	T
o-Terphenyl (S)	ug/L	200	140	70	66 - 139	T
Decachlorobiphenyl (S)	ug/L	0.57	0.30	52	44 - 136	T
Nitrobenzene-d5 (S)	ug/L	60	36	60	17 - 133	T
Tetrachloro-m-xylene (S)	ug/L	1.10	0.92	80	44 - 124	T

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FINAL

Workorder: 16901 FAIRBANKS RURAL COLLECTI (G2502983)

QC Results

QC Batch: GCST/5518
Preparation Method: SW-846 3510C
Associated Lab IDs: G2502983001

Analysis Method: EPA 8081

Method Blank(5759621)

Parameter	Results	Units	PQL	MDL	Lab
alpha-BHC	0.0041 U	ug/L	0.050	0.0041	T
gamma-BHC (Lindane)	0.015 U	ug/L	0.050	0.015	T
beta-BHC	0.018 U	ug/L	0.050	0.018	T
delta-BHC	0.0042 U	ug/L	0.050	0.0042	T
Heptachlor	0.010 U	ug/L	0.050	0.010	T
Aldrin	0.013 U	ug/L	0.050	0.013	T
Heptachlor Epoxide	0.015 U	ug/L	0.050	0.015	T
Endosulfan I	0.011 U	ug/L	0.050	0.011	T
4,4'-DDE	0.014 U	ug/L	0.050	0.014	T
Dieldrin	0.010 U	ug/L	0.015	0.010	T
Endrin	0.013 U	ug/L	0.050	0.013	T
4,4'-DDD	0.0027 U	ug/L	0.050	0.0027	T
Endosulfan II	0.014 U	ug/L	0.050	0.014	T
Endrin Aldehyde	0.022 U	ug/L	0.050	0.022	T
4,4'-DDT	0.014 U	ug/L	0.050	0.014	T
Endosulfan Sulfate	0.020 U	ug/L	0.050	0.020	T
Methoxychlor	0.0033 U	ug/L	0.050	0.0033	T
Chlordane (technical)	0.28 U	ug/L	0.50	0.28	T
Toxaphene	0.27 U	ug/L	0.50	0.27	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Decachlorobiphenyl (S)	mg/L	0.0005	0.000450	91	48 - 137	T
Tetrachloro-m-xylene (S)	mg/L	0.0010	0.000960	96	44 - 124	T

Lab Control Sample (5759622); Lab Control Sample Duplicate (5759623); Parent Lab Sample (G2502983001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
alpha-BHC	ug/L	0.10	0.12	117	54 - 138	0.12	120	2	30	T
gamma-BHC (Lindane)	ug/L	0.10	0.12	125	59 - 134	0.13	127	2	30	T
beta-BHC	ug/L	0.10	0.13	129	56 - 136	0.12	124	4	30	T
delta-BHC	ug/L	0.10	0.12	117	52 - 142	0.12	123	5	30	T

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FINAL

Workorder: 16901 FAIRBANKS RURAL COLLECTI (G2502983)

QC Batch: GCSt/5518
Preparation Method: SW-846 3510C
Associated Lab IDs: G2502983001

Analysis Method: EPA 8081

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Heptachlor	ug/L	0.10	0.12	124	54 - 130	0.12	122	2	30	T
Aldrin	ug/L	0.10	0.12	115	45 - 134	0.12	118	2	30	T
Heptachlor Epoxide	ug/L	0.10	0.12	115	61 - 133	0.11	106	8	30	T
Endosulfan I	ug/L	0.10	0.12	124	62 - 126	0.12	118	5	30	T
4,4'-DDE	ug/L	0.10	0.12	116	57 - 135	0.12	122	5	30	T
Dieldrin	ug/L	0.10	0.11	113	60 - 136	0.097	97	15	30	T
Endrin	ug/L	0.10	0.14	138	60 - 138	0.12	122	12	30	T
4,4'-DDD	ug/L	0.10	0.12	118	56 - 143	0.13	126	6	30	T
Endosulfan II	ug/L	0.10	0.12	123	52 - 135	0.13	130	6	30	T
Endrin Aldehyde	ug/L	0.10	0.11	112	51 - 132	0.1	105	7	30	T
4,4'-DDT	ug/L	0.10	0.13	134	51 - 143	0.14	140	4	30	T
Endosulfan Sulfate	ug/L	0.10	0.13	125	62 - 133	0.13	127	2	30	T
Methoxychlor	ug/L	0.10	0.13	126	54 - 145	0.14	140	11	30	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Decachlorobiphenyl (S)	mg/L	0.0005	0.00057	114	48 - 137	0.00063	127	11		T
Tetrachloro-m-xylene (S)	mg/L	0.0010	0.00099	99	44 - 124	0.0010	103	4		T

Matrix Spike (5759624); Original (T2506877001); Parent Lab Sample (T2506877001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
alpha-BHC	ug/L	0.10	0.11	113	54 - 138	T
gamma-BHC (Lindane)	ug/L	0.10	0.12	125	59 - 134	T
beta-BHC	ug/L	0.10	0.099	99	56 - 136	T
delta-BHC	ug/L	0.10	0.12	120	52 - 142	T
Heptachlor	ug/L	0.10	0.11	109	54 - 130	T
Aldrin	ug/L	0.10	0.11	107	45 - 134	T
Heptachlor Epoxide	ug/L	0.10	0.1	101	61 - 133	T
Endosulfan I	ug/L	0.10	0.11	115	62 - 126	T
4,4'-DDE	ug/L	0.10	0.11	111	57 - 135	T
Dieldrin	ug/L	0.10	0.096	97	60 - 136	T
Endrin	ug/L	0.10	0.13	126	60 - 138	T
4,4'-DDD	ug/L	0.10	0.11	110	56 - 143	T
Endosulfan II	ug/L	0.10	0.11	113	52 - 135	T





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FINAL

Workorder: 16901 FAIRBANKS RURAL COLLECTI (G2502983)

QC Batch: GCSt/5518
Preparation Method: SW-846 3510C
Associated Lab IDs: G2502983001

Analysis Method: EPA 8081

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Endrin Aldehyde	ug/L	0.10	0.1	103	51 - 132	T
4,4'-DDT	ug/L	0.10	0.13	133	51 - 143	T
Endosulfan Sulfate	ug/L	0.10	0.12	123	62 - 133	T
Methoxychlor	ug/L	0.10	0.11	112	54 - 145	T
Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Decachlorobiphenyl (S)	mg/L	0.0005	0.000630	126	48 - 137	T
Tetrachloro-m-xylene (S)	mg/L	0.0010	0.0010	102	44 - 124	T





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Workorder: 16901 FAIRBANKS RURAL COLLECTI (G2502983)

QC Results

QC Batch: GCST/5519
Preparation Method: SW-846 3510C
Associated Lab IDs: G2502983001

Analysis Method: SW-846 8082A

Method Blank(5759625)

Parameter	Results	Units	PQL	MDL	Lab
Aroclor 1016 (PCB-1016)	0.14 U	ug/L	0.20	0.14	T
Aroclor 1221 (PCB-1221)	0.14 U	ug/L	0.20	0.14	T
Aroclor 1232 (PCB-1232)	0.14 U	ug/L	0.20	0.14	T
Aroclor 1242 (PCB-1242)	0.14 U	ug/L	0.20	0.14	T
Aroclor 1248 (PCB-1248)	0.14 U	ug/L	0.20	0.14	T
Aroclor 1254 (PCB-1254)	0.14 U	ug/L	0.20	0.14	T
Aroclor 1260 (PCB-1260)	0.14 U	ug/L	0.20	0.14	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Decachlorobiphenyl (S)	mg/L	0.0005	0.000450	91	44 - 136	T
Tetrachloro-m-xylene (S)	mg/L	0.0010	0.000960	96	61 - 119	T

Lab Control Sample (5759626); Lab Control Sample Duplicate (5759627); Parent Lab Sample (G2502983001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Aroclor 1016 (PCB-1016)	ug/L	1	1.1	114	46 - 129	1.2	121	6	30	T
Aroclor 1260 (PCB-1260)	ug/L	1	1.2	118	45 - 134	1.2	116	1	30	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Decachlorobiphenyl (S)	mg/L	0.0005	0.00051	102	44 - 136	0.00049	98	5		T
Tetrachloro-m-xylene (S)	mg/L	0.0010	0.0011	106	61 - 119	0.0010	103	3		T

Matrix Spike (5759628); Original (T2506877001); Parent Lab Sample (T2506877001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Aroclor 1016 (PCB-1016)	ug/L	1	0.9	90	46 - 129	T
Aroclor 1260 (PCB-1260)	ug/L	1	1.1	109	45 - 134	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Decachlorobiphenyl (S)	mg/L	0.0005	0.0006	120	44 - 136	T
Tetrachloro-m-xylene (S)	mg/L	0.0010	0.0011	113	61 - 119	T

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Workorder: 16901 FAIRBANKS RURAL COLLECTI (G2502983)

QC Results

QC Batch: GCS1/5532
Preparation Method: FL-PRO
Associated Lab IDs: G2502983001

Analysis Method: FL-PRO

Method Blank(5765295)

Parameter	Results	Units	PQL	MDL	Lab
TPH	570 U	ug/L	2400	570	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Nonatricontane-C39 (S)	mg/L	0.60	0.49	81	40 - 129	T
o-Terphenyl (S)	mg/L	0.20	0.19	96	66 - 139	T

Lab Control Sample (5765296)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
TPH	ug/L	3400	3300	99	53 - 121	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Nonatricontane-C39 (S)	mg/L	0.60	0.53	88	40 - 129	T
o-Terphenyl (S)	mg/L	0.20	0.19	97	66 - 139	T

Matrix Spike (5765297); Matrix Spike Duplicate (5765298); Original (T2506875005); Parent Lab Sample (T2506875005)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
TPH	ug/L	3400	3400	99	53 - 121	3300	97	2	20	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Nonatricontane-C39 (S)	mg/L	0.60	0.54	90	40 - 129	0.52	87	4	20	T
o-Terphenyl (S)	mg/L	0.20	0.19	95	66 - 139	0.18	92	4	20	T

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Workorder: 16901 FAIRBANKS RURAL COLLECTI (G2502983)

QC Results

QC Batch: MSS1/3946
Preparation Method: SW-846 3510C
Associated Lab IDs: G2502983001

Analysis Method: SW-846 8270E

Method Blank(5765445)

Parameter	Results	Units	PQL	MDL	Lab
N-Nitrosodimethylamine	1.1 U	ug/L	5.0	1.1	T
Pyridine	1.8 U	ug/L	5.0	1.8	T
Methyl Methanesulfonate	1.2 U	ug/L	5.0	1.2	T
Ethyl methanesulfonate	1.4 U	ug/L	5.0	1.4	T
Aniline	3.7 U	ug/L	5.0	3.7	T
Phenol	1.0 U	ug/L	5.0	1.0	T
bis(2-Chloroethyl)Ether	0.46 U	ug/L	5.0	0.46	T
2-Chlorophenol	1.6 U	ug/L	5.0	1.6	T
1,3-Dichlorobenzene	1.8 U	ug/L	5.0	1.8	T
1,4-Dichlorobenzene	1.3 U	ug/L	5.0	1.3	T
1,2-Dichlorobenzene	1.4 U	ug/L	5.0	1.4	T
Benzyl Alcohol	1.5 U	ug/L	5.0	1.5	T
bis(2-Chloroisopropyl) Ether	0.38 U	ug/L	5.0	0.38	T
2-Methylphenol (o-Cresol)	1.3 U	ug/L	5.0	1.3	T
Acetophenone	1.3 U	ug/L	5.0	1.3	T
N-Nitrosodi-n-propylamine	1.5 U	ug/L	5.0	1.5	T
3+4-Methylphenol(mp-Cresol)	1.1 U	ug/L	5.0	1.1	T
Hexachloroethane	1.8 U	ug/L	5.0	1.8	T
Nitrobenzene	1.1 U	ug/L	5.0	1.1	T
Isophorone	0.70 U	ug/L	5.0	0.70	T
2-Nitrophenol	1.2 U	ug/L	5.0	1.2	T
2,4-Dimethylphenol	0.62 U	ug/L	5.0	0.62	T
bis(2-Chloroethoxy)methane	1.0 U	ug/L	5.0	1.0	T
2,4-Dichlorophenol	0.32 U	ug/L	5.0	0.32	T
Benzoic Acid	2.4 U	ug/L	5.0	2.4	T
1,2,4-Trichlorobenzene	1.1 U	ug/L	5.0	1.1	T
Naphthalene	0.014 U	ug/L	0.050	0.014	T
4-Chloroaniline	3.7 U	ug/L	5.0	3.7	T
2,6-Dichlorophenol	0.21 U	ug/L	5.0	0.21	T
Hexachlorobutadiene	0.34 U	ug/L	5.0	0.34	T
4-Chloro-3-methylphenol	0.84 U	ug/L	5.0	0.84	T





FINAL

Workorder: 16901 FAIRBANKS RURAL COLLECTI (G2502983)

QC Batch: MSS1/3946
Preparation Method: SW-846 3510C
Associated Lab IDs: G2502983001

Analysis Method: SW-846 8270E

Parameter	Results	Units	PQL	MDL	Lab
2-Methylnaphthalene	0.0082 U	ug/L	0.050	0.0082	T
1-Methylnaphthalene	0.011 U	ug/L	0.050	0.011	T
Hexachlorocyclopentadiene	1.2 U	ug/L	5.0	1.2	T
1,2,4,5-Tetrachlorobenzene	0.61 U	ug/L	5.0	0.61	T
2,4,6-Trichlorophenol	1.3 U	ug/L	5.0	1.3	T
2,4,5-Trichlorophenol	0.36 U	ug/L	5.0	0.36	T
2-Chloronaphthalene	4.0 U	ug/L	5.0	4.0	T
2-Nitroaniline	2.6 U	ug/L	5.0	2.6	T
Dimethyl phthalate	1.1 U	ug/L	5.0	1.1	T
2,6-Dinitrotoluene (2,6-DNT)	2.2 U	ug/L	5.0	2.2	T
Acenaphthylene	0.0080 U	ug/L	0.050	0.0080	T
3-Nitroaniline	0.54 U	ug/L	5.0	0.54	T
Acenaphthene	0.0070 U	ug/L	0.050	0.0070	T
2,4-Dinitrophenol	2.3 U	ug/L	5.0	2.3	T
Pentachlorobenzene	0.86 U	ug/L	5.0	0.86	T
Dibenzofuran	0.34 U	ug/L	5.0	0.34	T
2,4-Dinitrotoluene (2,4-DNT)	2.3 U	ug/L	5.0	2.3	T
4-Nitrophenol	0.83 U	ug/L	5.0	0.83	T
2,3,4,6-Tetrachlorophenol	1.4 U	ug/L	5.0	1.4	T
Diethyl phthalate	1.3 U	ug/L	5.0	1.3	T
Fluorene	0.0096 U	ug/L	0.050	0.0096	T
4-Chlorophenyl Phenyl Ether	0.79 U	ug/L	5.0	0.79	T
4-Nitroaniline	1.4 U	ug/L	5.0	1.4	T
2-Methyl-4,6-dinitrophenol	2.2 U	ug/L	5.0	2.2	T
N-Nitrosodiphenylamine	0.95 U	ug/L	5.0	0.95	T
1,2-Diphenylhydrazine	1.6 U	ug/L	5.0	1.6	T
Phenacetin	3.8 U	ug/L	5.0	3.8	T
4-Bromophenyl Phenyl Ether	1.1 U	ug/L	5.0	1.1	T
Hexachlorobenzene	0.42 U	ug/L	5.0	0.42	T
Pentachlorophenol	0.53 U	ug/L	5.0	0.53	T
Pentachloronitrobenzene	1.6 U	ug/L	5.0	1.6	T
Pronamide (Kerb)	1.7 U	ug/L	5.0	1.7	T
Phenanthrene	0.0091 U	ug/L	0.050	0.0091	T
Anthracene	0.013 U	ug/L	0.050	0.013	T

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FINAL

Workorder: 16901 FAIRBANKS RURAL COLLECTI (G2502983)

QC Batch: MSS1/3946
Preparation Method: SW-846 3510C
Associated Lab IDs: G2502983001

Analysis Method: SW-846 8270E

Parameter	Results	Units	PQL	MDL	Lab
Carbazole	0.20 U	ug/L	5.0	0.20	T
Di-n-Butyl Phthalate	1.9 U	ug/L	5.0	1.9	T
Fluoranthene	0.0094 U	ug/L	0.050	0.0094	T
Pyrene	0.0093 U	ug/L	0.050	0.0093	T
Butyl benzyl phthalate	1.1 U	ug/L	5.0	1.1	T
Benzo[a]anthracene	0.011 U	ug/L	0.050	0.011	T
Chrysene	0.0078 U	ug/L	0.050	0.0078	T
bis(2-Ethylhexyl) phthalate	2.3 U	ug/L	5.0	2.3	T
Di-n-octyl Phthalate	2.0 U	ug/L	5.0	2.0	T
Benzo[b]fluoranthene	0.011 U	ug/L	0.025	0.011	T
Benzo[k]fluoranthene	0.0068 U	ug/L	0.050	0.0068	T
Benzo[a]pyrene	0.0091 U	ug/L	0.050	0.0091	T
Indeno(1,2,3-cd)pyrene	0.011 U	ug/L	0.050	0.011	T
3-Methylcholanthrene	1.5 U	ug/L	5.0	1.5	T
Dibenzo[a,h]anthracene	0.013 U	ug/L	0.050	0.013	T
Benzo[g,h,i]perylene	0.011 U	ug/L	0.050	0.011	T
2-Picoline (2-Methylpyridine)	1.7 U	ug/L	5.0	1.7	T
N-Nitrosopiperidine	0.74 U	ug/L	5.0	0.74	T
a,a-Dimethylphenethylamine	0.48 U	ug/L	5.0	0.48	T
N-Nitrosodi-n-butylamine	0.56 U	ug/L	5.0	0.56	T
1-Naphthylamine	3.0 U	ug/L	5.0	3.0	T
2-Naphthylamine	3.0 U	ug/L	5.0	3.0	T
4-Aminobiphenyl	2.3 U	ug/L	5.0	2.3	T
Benzidine	2.1 U	ug/L	5.0	2.1	T
4-Dimethyl aminoazobenzene	1.2 U	ug/L	5.0	1.2	T
3,3'-Dichlorobenzidine	1.1 U	ug/L	5.0	1.1	T
7,12-Dimethylbenz[a]anthracene	1.7 U	ug/L	5.0	1.7	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
2,4,6-Tribromophenol (S)	mg/L	0.05	0.0450	90	37 - 140	T^
2-Fluorobiphenyl (S)	mg/L	0.05	0.0410	83	13 - 106	T
2-Fluorophenol (S)	mg/L	0.05	0.0230	46	6 - 87	T^
Nitrobenzene-d5 (S)	mg/L	0.05	0.04	80	17 - 133	T





FINAL

Workorder: 16901 FAIRBANKS RURAL COLLECTI (G2502983)

QC Batch: MSSt/3946
Preparation Method: SW-846 3510C
Associated Lab IDs: G2502983001

Analysis Method: SW-846 8270E

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Phenol-d6 (S)	mg/L	0.05	0.0130	27	1 - 163	T
p-Terphenyl-d14 (S)	mg/L	0.05	0.0510	102	36 - 126	T

Lab Control Sample (5765446); Lab Control Sample Duplicate (5765447); Parent Lab Sample (G2502983001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
N-Nitrosodimethylamine	ug/L	40	24	59	49 - 144	22	54	9	20	T
Pyridine	ug/L	40	20	51	44 - 110	21	52	2	20	T
Methyl Methanesulfonate	ug/L	40	27	68	33 - 107	27	69	1	20	T
Ethyl methanesulfonate	ug/L	40	39	98	62 - 118	38	96	3	20	T
Aniline	ug/L	40	34	86	62 - 110	36	90	4	20	T
Phenol	ug/L	40	18	45	38 - 113	17	43	5	20	T
bis(2-Chloroethyl)Ether	ug/L	40	40	101	43 - 118	40	99	2	20	T
2-Chlorophenol	ug/L	40	38	94	38 - 117	37	92	3	20	T
1,3-Dichlorobenzene	ug/L	40	31	77	28 - 110	29	73	5	20	T
1,4-Dichlorobenzene	ug/L	40	30	76	29 - 112	29	74	3	20	T
1,2-Dichlorobenzene	ug/L	40	31	77	32 - 111	30	74	4	20	T
Benzyl Alcohol	ug/L	40	32	80	31 - 112	32	80	1	20	T
bis(2-Chloroisopropyl) Ethe	ug/L	40	39	97	37 - 130	38	94	3	20	T
2-Methylphenol (o-Cresol)	ug/L	40	33	82	30 - 117	31	78	4	20	T
Acetophenone	ug/L	40	41	102	46 - 118	40	100	2	20	T
N-Nitrosodi-n-propylamine	ug/L	40	42	106	49 - 119	42	105	1	20	T
3+4-Methylphenol(mp-Cres	ug/L	40	31	78	29 - 110	30	74	4	20	T
Hexachloroethane	ug/L	40	28	71	21 - 115	27	68	4	20	T
Nitrobenzene	ug/L	40	33	84	45 - 121	36	89	7	20	T
Isophorone	ug/L	40	36	90	42 - 124	38	95	5	20	T
2-Nitrophenol	ug/L	40	36	89	47 - 123	38	96	7	20	T
2,4-Dimethylphenol	ug/L	40	31	77	31 - 124	33	82	6	20	T
bis(2-Chloroethoxy)methan	ug/L	40	34	85	48 - 120	36	91	7	20	T
2,4-Dichlorophenol	ug/L	40	35	89	47 - 121	37	93	5	20	T
Benzoic Acid	ug/L	40	5.2	13	10 - 110	11	27	71	20	T
1,2,4-Trichlorobenzene	ug/L	40	29	73	29 - 116	30	75	3	20	T
Naphthalene	ug/L	40	29	72	43 - 114	30	74	3	20	T
4-Chloroaniline	ug/L	40	30	76	33 - 117	33	82	8	20	T

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FINAL

Workorder: 16901 FAIRBANKS RURAL COLLECTI (G2502983)

QC Batch: MSSt/3946
Preparation Method: SW-846 3510C
Associated Lab IDs: G2502983001

Analysis Method: SW-846 8270E

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
2,6-Dichlorophenol	ug/L	40	37	91	50 - 118	38	96	5	20	T
Hexachlorobutadiene	ug/L	40	26	65	22 - 124	26	65	1	20	T
4-Chloro-3-methylphenol	ug/L	40	36	89	52 - 119	37	92	3	20	T
2-Methylnaphthalene	ug/L	40	34	85	39 - 114	35	88	3	20	T
1-Methylnaphthalene	ug/L	40	33	82	41 - 115	33	83	2	20	T
Hexachlorocyclopentadiene	ug/L	40	33	82	51 - 141	33	82	1	20	T
1,2,4,5-Tetrachlorobenzene	ug/L	40	35	88	35 - 121	34	86	3	20	T
2,4,6-Trichlorophenol	ug/L	40	38	94	50 - 125	41	103	10	20	T
2,4,5-Trichlorophenol	ug/L	40	36	91	53 - 123	41	102	11	20	T
2-Chloronaphthalene	ug/L	40	36	91	40 - 116	37	93	2	20	T
2-Nitroaniline	ug/L	40	40	99	55 - 127	40	99	0	20	T
Dimethyl phthalate	ug/L	40	27	68	45 - 127	29	72	7	20	T
2,6-Dinitrotoluene (2,6-DNT	ug/L	40	41	102	57 - 124	42	105	3	20	T
Acenaphthylene	ug/L	40	36	89	35 - 121	36	91	2	20	T
3-Nitroaniline	ug/L	40	46	114	41 - 128	47	118	4	20	T
Acenaphthene	ug/L	40	36	91	48 - 114	38	95	5	20	T
2,4-Dinitrophenol	ug/L	40	29	71	23 - 143	35	88	21	20	T
Pentachlorobenzene	ug/L	40	37	93	59 - 123	39	99	6	20	T
Dibenzofuran	ug/L	40	36	90	35 - 120	37	93	4	20	T
2,4-Dinitrotoluene (2,4-DNT	ug/L	40	40	101	57 - 128	40	100	1	20	T
4-Nitrophenol	ug/L	40	33	81	45 - 127	20	51	46	20	T
2,3,4,6-Tetrachlorophenol	ug/L	40	32	79	50 - 128	36	91	14	20	T
Diethyl phthalate	ug/L	40	36	91	56 - 125	39	97	7	20	T
Fluorene	ug/L	40	37	92	50 - 118	37	93	1	20	T
4-Chlorophenyl Phenyl Eth	ug/L	40	38	95	53 - 121	39	98	3	20	T
4-Nitroaniline	ug/L	40	47	116	64 - 143	50	126	8	20	T
2-Methyl-4,6-dinitrophenol	ug/L	40	36	90	44 - 137	43	107	17	20	T
N-Nitrosodiphenylamine	ug/L	40	35	88	51 - 123	35	88	0	20	T
1,2-Diphenylhydrazine	ug/L	40	41	102	49 - 122	42	104	2	20	T
Phenacetin	ug/L	40	44	110	71 - 124	46	114	4	20	T
4-Bromophenyl Phenyl Eth	ug/L	40	38	95	55 - 124	39	98	3	20	T
Hexachlorobenzene	ug/L	40	38	95	53 - 125	40	100	6	20	T
Pentachlorophenol	ug/L	40	34	86	35 - 138	42	105	20	20	T





FINAL

Workorder: 16901 FAIRBANKS RURAL COLLECTI (G2502983)

QC Batch: MSSt/3946
Preparation Method: SW-846 3510C
Associated Lab IDs: G2502983001

Analysis Method: SW-846 8270E

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Pentachloronitrobenzene	ug/L	40	40	99	54 - 135	41	103	4	20	T
Pronamide (Kerb)	ug/L	40	41	104	65 - 129	43	109	5	20	T
Phenanthrene	ug/L	40	39	97	53 - 115	38	96	1	20	T
Anthracene	ug/L	40	39	98	53 - 119	40	101	3	20	T
Carbazole	ug/L	40	41	102	45 - 123	42	105	3	20	T
Di-n-Butyl Phthalate	ug/L	40	43	108	59 - 127	43	107	0	20	T
Fluoranthene	ug/L	40	41	102	58 - 120	41	103	1	20	T
Pyrene	ug/L	40	40	100	53 - 121	42	106	6	20	T
Butyl benzyl phthalate	ug/L	40	43	108	53 - 134	46	115	6	20	T
Benzo[a]anthracene	ug/L	40	42	104	59 - 120	44	109	5	20	T
Chrysene	ug/L	40	38	96	57 - 120	41	102	6	20	T
bis(2-Ethylhexyl) phthalate	ug/L	40	44	110	55 - 135	45	112	2	20	T
Di-n-octyl Phthalate	ug/L	40	43	107	51 - 140	46	116	8	20	T
Benzo[b]fluoranthene	ug/L	40	47	119	53 - 126	50	125	5	20	T
Benzo[k]fluoranthene	ug/L	40	35	88	54 - 125	34	86	2	20	T
Benzo[a]pyrene	ug/L	40	43	108	53 - 120	43	108	1	20	T
Indeno(1,2,3-cd)pyrene	ug/L	40	48	120	48 - 130	49	123	2	20	T
3-Methylcholanthrene	ug/L	40	46	114	56 - 133	45	112	2	20	T
Dibenzo[a,h]anthracene	ug/L	40	40	100	44 - 131	41	103	4	20	T
Benzo[g,h,i]perylene	ug/L	40	38	94	44 - 128	39	97	3	20	T
2-Picoline (2-Methylpyridine)	ug/L	40	25	62	34 - 109	27	67	7	20	T
N-Nitrosopiperidine	ug/L	40	34	85	56 - 121	36	89	5	20	T
a,a-Dimethylphenethylamin	ug/L	40	22	55	50 - 140	21	52	6	20	T
N-Nitrosodi-n-butylamine	ug/L	40	38	96	60 - 121	40	100	5	20	T
1-Naphthylamine	ug/L	40	34	84	24 - 124	35	87	3	20	T
2-Naphthylamine	ug/L	40	27	66	47 - 110	29	72	8	20	T
4-Aminobiphenyl	ug/L	40	27	67	25 - 110	29	73	9	20	T
Benzidine	ug/L	40	19	47	16 - 110	17	43	9	20	T
4-Dimethyl aminoazobenze	ug/L	40	44	111	62 - 132	47	118	6	20	T
3,3'-Dichlorobenzidine	ug/L	40	34	86	27 - 129	36	91	6	20	T
7,12-Dimethylbenz[a]anthra	ug/L	40	49	121	61 - 133	50	124	2	20	T





FINAL

Workorder: 16901 FAIRBANKS RURAL COLLECTI (G2502983)

QC Batch: MSS1/3946
Preparation Method: SW-846 3510C
Associated Lab IDs: G2502983001

Analysis Method: SW-846 8270E

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
2,4,6-Tribromophenol (S)	mg/L	0.05	0.0450	90	37 - 140	0.05	101	12	20	T^
2-Fluorobiphenyl (S)	mg/L	0.05	0.0450	89	13 - 106	0.0460	92	4	20	T
2-Fluorophenol (S)	mg/L	0.05	0.0240	47	6 - 87	0.0230	45	5	20	T^
Nitrobenzene-d5 (S)	mg/L	0.05	0.0430	86	17 - 133	0.0460	92	7	20	T
Phenol-d6 (S)	mg/L	0.05	0.0190	37	1 - 163	0.0170	34	7	20	T
p-Terphenyl-d14 (S)	mg/L	0.05	0.0520	104	36 - 126	0.0540	108	4	20	T

Matrix Spike (5765448); Original (T2507245002); Parent Lab Sample (T2507245002)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
N-Nitrosodimethylamine	ug/L	41	28	68	49 - 144	T
Pyridine	ug/L	41	14	35	44 - 110	T
Methyl Methanesulfonate	ug/L	41	22	54	33 - 107	T
Ethyl methanesulfonate	ug/L	41	26	65	62 - 118	T
Aniline	ug/L	41	41	100	62 - 110	T
Phenol	ug/L	41	18	44	38 - 113	T
bis(2-Chloroethyl)Ether	ug/L	41	26	64	43 - 118	T
2-Chlorophenol	ug/L	41	29	70	38 - 117	T
1,3-Dichlorobenzene	ug/L	41	18	44	28 - 110	T
1,4-Dichlorobenzene	ug/L	41	18	45	29 - 112	T
1,2-Dichlorobenzene	ug/L	41	19	46	32 - 111	T
Benzyl Alcohol	ug/L	41	26	63	31 - 112	T
bis(2-Chloroisopropyl) Ether	ug/L	41	24	59	37 - 130	T
2-Methylphenol (o-Cresol)	ug/L	41	27	66	30 - 117	T
Acetophenone	ug/L	41	28	68	46 - 118	T
N-Nitrosodi-n-propylamine	ug/L	41	27	66	49 - 119	T
3+4-Methylphenol(mp-Cresol)	ug/L	41	26	64	29 - 110	T
Hexachloroethane	ug/L	41	17	41	21 - 115	T
Nitrobenzene	ug/L	41	25	61	45 - 121	T
Isophorone	ug/L	41	27	65	42 - 124	T
2-Nitrophenol	ug/L	41	27	66	47 - 123	T
2,4-Dimethylphenol	ug/L	41	26	64	31 - 124	T
bis(2-Chloroethoxy)methane	ug/L	41	26	64	48 - 120	T
2,4-Dichlorophenol	ug/L	41	30	73	47 - 121	T

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FINAL

Workorder: 16901 FAIRBANKS RURAL COLLECTI (G2502983)

QC Batch: MSS1/3946
Preparation Method: SW-846 3510C
Associated Lab IDs: G2502983001

Analysis Method: SW-846 8270E

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Benzoic Acid	ug/L	41	11	27	10 - 110	T
1,2,4-Trichlorobenzene	ug/L	41	20	50	29 - 116	T
Naphthalene	ug/L	41	21	52	43 - 114	T
4-Chloroaniline	ug/L	41	24	58	33 - 117	T
2,6-Dichlorophenol	ug/L	41	27	66	50 - 118	T
Hexachlorobutadiene	ug/L	41	17	43	22 - 124	T
4-Chloro-3-methylphenol	ug/L	41	33	80	52 - 119	T
2-Methylnaphthalene	ug/L	41	25	60	39 - 114	T
1-Methylnaphthalene	ug/L	41	23	56	41 - 115	T
Hexachlorocyclopentadiene	ug/L	41	21	51	51 - 141	T
1,2,4,5-Tetrachlorobenzene	ug/L	41	24	60	35 - 121	T
2,4,6-Trichlorophenol	ug/L	41	26	63	50 - 125	T
2,4,5-Trichlorophenol	ug/L	41	32	77	53 - 123	T
2-Chloronaphthalene	ug/L	41	45	110	40 - 116	T
2-Nitroaniline	ug/L	41	35	86	55 - 127	T
Dimethyl phthalate	ug/L	41	22	54	45 - 127	T
2,6-Dinitrotoluene (2,6-DNT)	ug/L	41	37	92	57 - 124	T
Acenaphthylene	ug/L	41	27	67	35 - 121	T
3-Nitroaniline	ug/L	41	41	100	41 - 128	T
Acenaphthene	ug/L	41	28	68	48 - 114	T
2,4-Dinitrophenol	ug/L	41	25	61	23 - 143	T
Pentachlorobenzene	ug/L	41	32	78	59 - 123	T
Dibenzofuran	ug/L	41	29	70	35 - 120	T
2,4-Dinitrotoluene (2,4-DNT)	ug/L	41	37	91	57 - 128	T
4-Nitrophenol	ug/L	41	19	47	45 - 127	T
2,3,4,6-Tetrachlorophenol	ug/L	41	21	51	50 - 128	T
Diethyl phthalate	ug/L	41	34	82	56 - 125	T
Fluorene	ug/L	41	30	74	50 - 118	T
4-Chlorophenyl Phenyl Ether	ug/L	41	31	77	53 - 121	T
4-Nitroaniline	ug/L	41	45	111	64 - 143	T
2-Methyl-4,6-dinitrophenol	ug/L	41	26	63	44 - 137	T
N-Nitrosodiphenylamine	ug/L	41	33	82	51 - 123	T
1,2-Diphenylhydrazine	ug/L	41	36	87	49 - 122	T
Phenacetin	ug/L	41	44	108	71 - 124	T

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FINAL

Workorder: 16901 FAIRBANKS RURAL COLLECTI (G2502983)

QC Batch: MSS1/3946
Preparation Method: SW-846 3510C
Associated Lab IDs: G2502983001

Analysis Method: SW-846 8270E

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
4-Bromophenyl Phenyl Ether	ug/L	41	36	88	55 - 124	T
Hexachlorobenzene	ug/L	41	38	93	53 - 125	T
Pentachlorophenol	ug/L	41	20	50	35 - 138	T
Pentachloronitrobenzene	ug/L	41	39	95	54 - 135	T
Pronamide (Kerb)	ug/L	41	42	103	65 - 129	T
Phenanthrene	ug/L	41	36	88	53 - 115	T
Anthracene	ug/L	41	37	90	53 - 119	T
Carbazole	ug/L	41	40	97	45 - 123	T
Di-n-Butyl Phthalate	ug/L	41	41	101	59 - 127	T
Fluoranthene	ug/L	41	39	95	58 - 120	T
Pyrene	ug/L	41	41	101	53 - 121	T
Butyl benzyl phthalate	ug/L	41	43	105	53 - 134	T
Benzo[a]anthracene	ug/L	41	42	104	59 - 120	T
Chrysene	ug/L	41	39	95	57 - 120	T
bis(2-Ethylhexyl) phthalate	ug/L	41	46	112	55 - 135	T
Di-n-octyl Phthalate	ug/L	41	44	107	51 - 140	T
Benzo[b]fluoranthene	ug/L	41	45	110	53 - 126	T
Benzo[k]fluoranthene	ug/L	41	35	86	54 - 125	T
Benzo[a]pyrene	ug/L	41	41	100	53 - 120	T
Indeno(1,2,3-cd)pyrene	ug/L	41	48	116	48 - 130	T
3-Methylcholanthrene	ug/L	41	46	114	56 - 133	T
Dibenzo[a,h]anthracene	ug/L	41	39	97	44 - 131	T
Benzo[g,h,i]perylene	ug/L	41	38	93	44 - 128	T
2-Picoline (2-Methylpyridine)	ug/L	41	18	44	34 - 109	T
N-Nitrosopiperidine	ug/L	41	27	65	56 - 121	T
a,a-Dimethylphenethylamine	ug/L	41	31	76	50 - 140	T
N-Nitrosodi-n-butylamine	ug/L	41	32	79	60 - 121	T
1-Naphthylamine	ug/L	41	30	74	24 - 124	T
2-Naphthylamine	ug/L	41	24	59	47 - 110	T
4-Aminobiphenyl	ug/L	41	29	71	25 - 110	T
Benzidine	ug/L	41	16	38	16 - 110	T
4-Dimethyl aminoazobenzene	ug/L	41	46	113	62 - 132	T
3,3'-Dichlorobenzidine	ug/L	41	33	81	27 - 129	T
7,12-Dimethylbenz[a]anthracene	ug/L	41	49	120	61 - 133	T

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FINAL

Workorder: 16901 FAIRBANKS RURAL COLLECTI (G2502983)

QC Batch: MSS1/3946
Preparation Method: SW-846 3510C
Associated Lab IDs: G2502983001

Analysis Method: SW-846 8270E

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
2,4,6-Tribromophenol (S)	mg/L	0.0510	0.0410	80	37 - 140	T^
2-Fluorobiphenyl (S)	mg/L	0.0510	0.0330	66	13 - 106	T
2-Fluorophenol (S)	mg/L	0.0510	0.0220	44	6 - 87	T^
Nitrobenzene-d5 (S)	mg/L	0.0510	0.0320	62	17 - 133	T
Phenol-d6 (S)	mg/L	0.0510	0.0190	37	1 - 163	T
p-Terphenyl-d14 (S)	mg/L	0.0510	0.0530	103	36 - 126	T

QC Result Comments

Lab Control Sample Duplicate - 5765447 - 2,4-Dinitrophenol

J3|Lab QC Failure

Lab Control Sample Duplicate - 5765447 - 4-Nitrophenol

J3|Lab QC Failure

Lab Control Sample Duplicate - 5765447 - Benzoic Acid

J3|Lab QC Failure

Matrix Spike - 5765448 - Pyridine

J4|Estimated Result

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Workorder: 16901 FAIRBANKS RURAL COLLECTI (G2502983)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
GCSt/5518 - EPA 8081			
G2502983001	TMP-2	EXTt/7180	SW-846 3510C
GCSt/5519 - SW-846 8082A			
G2502983001	TMP-2	EXTt/7181	SW-846 3510C
GCSt/5532 - FL-PRO			
G2502983001	TMP-2	EXTt/7199	FL-PRO
MSSSt/3946 - SW-846 8270E			
G2502983001	TMP-2	EXTt/7200	SW-846 3510C

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- ☐ **Fort Myers:** 13100 Westlake Terrace, Ste. 10, FL 33913 • 239.678.8130 • Lab ID: ES4492
- ☐ **Jacksonville:** 6681 Southpoint Pkwy., FL 32216 • 904.363.9350 • Lab ID: ES2574
- ☐ **Tallahassee:** 2639 North Monroe St., Suite D, FL 32303 • 850.219.6274 • Lab ID: EB11095

☐ **Gainesville:** 4965 SW 41st Bvld., FL 32609 • 352.377.2349 • Lab ID: EB2007

☐ **Miramar:** 10200 USA Today Way, FL 33025 • 954.889.2288 • Lab ID: EB2535

☐ **Tampa:** 9610 Princess Palm Ave., FL 33619 • 813.630.9616 • Lab ID: EB4589

Page 1 of 1[illegible]



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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2503209)

April 08, 2025

Jay Nordqvist
GSE Engineering
5590 SW 64th St. Suite B
Gainesville, FL 32608

RE: Workorder: G2503209 FAIRBANKS RURAL COLLECTION CTR

Dear Jay Nordqvist:

Enclosed are the analytical results for sample(s) received by the laboratory on Friday March 28, 2025. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Desmond Brady
DBrady@aellab.com

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Workorder: FAIRBANKS RURAL COLLECTION CTR (G2503209)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
G2503209001	TMP-2A	WA	SW-846 8260D	03/28/2025 12:15	03/28/2025 12:55	68	NA

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Workorder: FAIRBANKS RURAL COLLECTION CTR (G2503209)

Workorder Summary

Task Comments

G2503209001 (TMP-2A) - MSVt/11435 - 8260D Analysis, Water

Sample G2503209001 was initially run at a dilution by a factor of 10X due to matrix turbidity. The dilution performed was necessary to prevent damage to instrumentation.

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Workorder: FAIRBANKS RURAL COLLECTION CTR (G2503209)

Analytical Results Qualifiers

Parameter Qualifiers

- U The compound was analyzed for but not detected.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Lab Qualifiers

- T DOH Certification #E84589 (FL NELAC) AEL-Tampa

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2503209)

Analytical Results

Lab ID: G2503209001
Sample ID: TMP-2A

Date Collected: 03/28/2025 12:15
Date Received: 03/28/2025 12:55

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260D)								
1,1,1,2-Tetrachloroethane	4.7 U	ug/L	10	4.7	10	04/01/2025 11:50	04/01/2025 18:09	T
1,1,1-Trichloroethane	3.9 U	ug/L	10	3.9	10	04/01/2025 11:50	04/01/2025 18:09	T
1,1,2,2-Tetrachloroethane	2.0 U	ug/L	10	2.0	10	04/01/2025 11:50	04/01/2025 18:09	T
1,1,2-Trichloroethane	4.0 U	ug/L	10	4.0	10	04/01/2025 11:50	04/01/2025 18:09	T
1,1-Dichloroethane	3.8 U	ug/L	10	3.8	10	04/01/2025 11:50	04/01/2025 18:09	T
1,1-Dichloroethylene	4.1 U	ug/L	10	4.1	10	04/01/2025 11:50	04/01/2025 18:09	T
1,1-Dichloropropene	3.8 U	ug/L	10	3.8	10	04/01/2025 11:50	04/01/2025 18:09	T
1,2,3-Trichlorobenzene	3.6 U	ug/L	10	3.6	10	04/01/2025 11:50	04/01/2025 18:09	T
1,2,3-Trichloropropane	2.2 U	ug/L	10	2.2	10	04/01/2025 11:50	04/01/2025 18:09	T
1,2,4-Trichlorobenzene	5.2 U	ug/L	10	5.2	10	04/01/2025 11:50	04/01/2025 18:09	T
1,2,4-Trimethylbenzene	4.1 U	ug/L	10	4.1	10	04/01/2025 11:50	04/01/2025 18:09	T
1,2-Dibromo-3-Chloropropane	3.8 U	ug/L	30	3.8	10	04/01/2025 11:50	04/01/2025 18:09	T
1,2-Dichlorobenzene	4.4 U	ug/L	10	4.4	10	04/01/2025 11:50	04/01/2025 18:09	T
1,2-Dichloroethane	4.0 U	ug/L	10	4.0	10	04/01/2025 11:50	04/01/2025 18:09	T
1,2-Dichloropropane	1.8 U	ug/L	10	1.8	10	04/01/2025 11:50	04/01/2025 18:09	T
1,3,5-Trimethylbenzene	3.9 U	ug/L	10	3.9	10	04/01/2025 11:50	04/01/2025 18:09	T
1,3-Dichlorobenzene	4.0 U	ug/L	10	4.0	10	04/01/2025 11:50	04/01/2025 18:09	T
1,3-Dichloropropane	3.2 U	ug/L	10	3.2	10	04/01/2025 11:50	04/01/2025 18:09	T
1,4-Dichlorobenzene	3.6 U	ug/L	10	3.6	10	04/01/2025 11:50	04/01/2025 18:09	T
2,2-Dichloropropane	4.5 U	ug/L	10	4.5	10	04/01/2025 11:50	04/01/2025 18:09	T
2-Butanone (MEK)	3.3 U	ug/L	10	3.3	10	04/01/2025 11:50	04/01/2025 18:09	T
2-Chloroethyl Vinyl Ether	7.9 U	ug/L	10	7.9	10	04/01/2025 11:50	04/01/2025 18:09	T
2-Chlorotoluene	3.4 U	ug/L	10	3.4	10	04/01/2025 11:50	04/01/2025 18:09	T
2-Hexanone	4.2 U	ug/L	10	4.2	10	04/01/2025 11:50	04/01/2025 18:09	T
4-Chlorotoluene	3.4 U	ug/L	10	3.4	10	04/01/2025 11:50	04/01/2025 18:09	T
4-Methyl-2-pentanone (MIBK)	4.0 U	ug/L	10	4.0	10	04/01/2025 11:50	04/01/2025 18:09	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2503209)

Analytical Results

Lab ID: G2503209001	Date Collected: 03/28/2025 12:15					Matrix: Water		
Sample ID: TMP-2A	Date Received: 03/28/2025 12:55							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Acetone	9.0 U	ug/L	20	9.0	10	04/01/2025 11:50	04/01/2025 18:09	T
Acrolein (Propenal)	18 U	ug/L	40	18	10	04/01/2025 11:50	04/01/2025 18:09	T
Acrylonitrile	3.8 U	ug/L	50	3.8	10	04/01/2025 11:50	04/01/2025 18:09	T
Benzene	2.8 U	ug/L	10	2.8	10	04/01/2025 11:50	04/01/2025 18:09	T
Bromobenzene	3.4 U	ug/L	10	3.4	10	04/01/2025 11:50	04/01/2025 18:09	T
Bromochloromethane	3.3 U	ug/L	10	3.3	10	04/01/2025 11:50	04/01/2025 18:09	T
Bromodichloromethane	3.9 U	ug/L	10	3.9	10	04/01/2025 11:50	04/01/2025 18:09	T
Bromoform	3.6 U	ug/L	10	3.6	10	04/01/2025 11:50	04/01/2025 18:09	T
Bromomethane	3.2 U	ug/L	10	3.2	10	04/01/2025 11:50	04/01/2025 18:09	T
Carbon Disulfide	4.2 U	ug/L	10	4.2	10	04/01/2025 11:50	04/01/2025 18:09	T
Carbon Tetrachloride	4.1 U	ug/L	10	4.1	10	04/01/2025 11:50	04/01/2025 18:09	T
Chlorobenzene	3.8 U	ug/L	10	3.8	10	04/01/2025 11:50	04/01/2025 18:09	T
Chloroethane	4.2 U	ug/L	10	4.2	10	04/01/2025 11:50	04/01/2025 18:09	T
Chloroform	3.7 U	ug/L	10	3.7	10	04/01/2025 11:50	04/01/2025 18:09	T
Chloromethane	3.9 U	ug/L	10	3.9	10	04/01/2025 11:50	04/01/2025 18:09	T
Dibromochloromethane	3.6 U	ug/L	10	3.6	10	04/01/2025 11:50	04/01/2025 18:09	T
Dibromomethane	4.1 U	ug/L	10	4.1	10	04/01/2025 11:50	04/01/2025 18:09	T
Dichlorodifluoromethane	5.3 U	ug/L	10	5.3	10	04/01/2025 11:50	04/01/2025 18:09	T
Ethylbenzene	5.6 U	ug/L	10	5.6	10	04/01/2025 11:50	04/01/2025 18:09	T
Ethylene Dibromide (EDB)	2.9 U	ug/L	10	2.9	10	04/01/2025 11:50	04/01/2025 18:09	T
Hexachlorobutadiene	3.2 U	ug/L	10	3.2	10	04/01/2025 11:50	04/01/2025 18:09	T
Iodomethane (Methyl Iodide)	8.3 U	ug/L	10	8.3	10	04/01/2025 11:50	04/01/2025 18:09	T
Isopropylbenzene	4.2 U	ug/L	10	4.2	10	04/01/2025 11:50	04/01/2025 18:09	T
Methyl tert-butyl Ether (MTBE)	7.1 U	ug/L	10	7.1	10	04/01/2025 11:50	04/01/2025 18:09	T
Methylene Chloride	5.6 U	ug/L	10	5.6	10	04/01/2025 11:50	04/01/2025 18:09	T
Naphthalene	9.3 U	ug/L	10	9.3	10	04/01/2025 11:50	04/01/2025 18:09	T
Styrene	2.9 U	ug/L	10	2.9	10	04/01/2025 11:50	04/01/2025 18:09	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2503209)

Analytical Results

Lab ID: G2503209001
Sample ID: TMP-2A

Date Collected: 03/28/2025 12:15
Date Received: 03/28/2025 12:55

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Tetrachloroethylene (PCE)	4.5 U	ug/L	10	4.5	10	04/01/2025 11:50	04/01/2025 18:09	T
Toluene	6.6 U	ug/L	10	6.6	10	04/01/2025 11:50	04/01/2025 18:09	T
Trichloroethene	3.2 U	ug/L	10	3.2	10	04/01/2025 11:50	04/01/2025 18:09	T
Trichlorofluoromethane	2.6 U	ug/L	10	2.6	10	04/01/2025 11:50	04/01/2025 18:09	T
Vinyl Acetate	3.7 U	ug/L	10	3.7	10	04/01/2025 11:50	04/01/2025 18:09	T
Vinyl Chloride	4.4 U	ug/L	10	4.4	10	04/01/2025 11:50	04/01/2025 18:09	T
Xylene (Total)	13 U	ug/L	20	13	10	04/01/2025 11:50	04/01/2025 18:09	T
cis-1,2-Dichloroethylene	3.9 U	ug/L	10	3.9	10	04/01/2025 11:50	04/01/2025 18:09	T
cis-1,3-Dichloropropene	2.6 U	ug/L	10	2.6	10	04/01/2025 11:50	04/01/2025 18:09	T
n-Butylbenzene	5.9 U	ug/L	10	5.9	10	04/01/2025 11:50	04/01/2025 18:09	T
n-propylbenzene	3.4 U	ug/L	10	3.4	10	04/01/2025 11:50	04/01/2025 18:09	T
sec-butylbenzene	4.1 U	ug/L	10	4.1	10	04/01/2025 11:50	04/01/2025 18:09	T
tert-butylbenzene	3.8 U	ug/L	10	3.8	10	04/01/2025 11:50	04/01/2025 18:09	T
trans-1,2-Dichloroethylene	3.9 U	ug/L	10	3.9	10	04/01/2025 11:50	04/01/2025 18:09	T
trans-1,3-Dichloropropylene	2.6 U	ug/L	10	2.6	10	04/01/2025 11:50	04/01/2025 18:09	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	500	480	96	70 - 128	T
Bromofluorobenzene (S)	ug/L	500	460	93	86 - 123	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2503209)

Analytical Results

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Toluene-d8 (S)	ug/L	500	480	96	77 - 119	T

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Workorder: FAIRBANKS RURAL COLLECTION CTR (G2503209)

QC Results

QC Batch: MSVt/11435
Preparation Method: SW-846 5030B
Associated Lab IDs: G2503209001

Analysis Method: SW-846 8260D

Method Blank(5771407)

Parameter	Results	Units	PQL	MDL	Lab
Dichlorodifluoromethane	0.53 U	ug/L	1.0	0.53	T
Chloromethane	0.39 U	ug/L	1.0	0.39	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	T
Bromomethane	0.32 U	ug/L	1.0	0.32	T
Chloroethane	0.42 U	ug/L	1.0	0.42	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	T
Acrolein (Propenal)	1.8 U	ug/L	4.0	1.8	T
Acetone	0.90 U	ug/L	2.0	0.90	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	T
Methyl tert-butyl Ether (MTBE)	0.71 U	ug/L	1.0	0.71	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	T
Chloroform	0.37 U	ug/L	1.0	0.37	T
2,2-Dichloropropane	0.45 U	ug/L	1.0	0.45	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	T
1,1-Dichloropropene	0.38 U	ug/L	1.0	0.38	T
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	T
Benzene	0.28 U	ug/L	1.0	0.28	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2503209)

QC Batch: MSVt/11435
Preparation Method: SW-846 5030B
Associated Lab IDs: G2503209001

Analysis Method: SW-846 8260D

Parameter	Results	Units	PQL	MDL	Lab
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	T
2-Chloroethyl Vinyl Ether	0.79 U	ug/L	1.0	0.79	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	T
Toluene	0.66 U	ug/L	1.0	0.66	T
1,3-Dichloropropane	0.32 U	ug/L	1.0	0.32	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	T
Ethylene Dibromide (EDB)	0.29 U	ug/L	1.0	0.29	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	T
Bromoform	0.36 U	ug/L	1.0	0.36	T
Styrene	0.29 U	ug/L	1.0	0.29	T
1,1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	T
1,2,3-Trichloropropane	0.22 U	ug/L	1.0	0.22	T
Isopropylbenzene	0.42 U	ug/L	1.0	0.42	T
Bromobenzene	0.34 U	ug/L	1.0	0.34	T
n-propylbenzene	0.34 U	ug/L	1.0	0.34	T
2-Chlorotoluene	0.34 U	ug/L	1.0	0.34	T
4-Chlorotoluene	0.34 U	ug/L	1.0	0.34	T
1,3,5-Trimethylbenzene	0.39 U	ug/L	1.0	0.39	T
tert-butylbenzene	0.38 U	ug/L	1.0	0.38	T
1,2,4-Trimethylbenzene	0.41 U	ug/L	1.0	0.41	T
sec-butylbenzene	0.41 U	ug/L	1.0	0.41	T
1,3-Dichlorobenzene	0.40 U	ug/L	1.0	0.40	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	T
n-Butylbenzene	0.59 U	ug/L	1.0	0.59	T
1,2-Dibromo-3-Chloropropane	0.38 U	ug/L	3.0	0.38	T
1,2,4-Trichlorobenzene	0.52 U	ug/L	1.0	0.52	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2503209)

QC Batch: MSVt/11435
Preparation Method: SW-846 5030B
Associated Lab IDs: G2503209001

Analysis Method: SW-846 8260D

Parameter	Results	Units	PQL	MDL	Lab
Naphthalene	0.93 U	ug/L	1.0	0.93	T
Hexachlorobutadiene	0.32 U	ug/L	1.0	0.32	T
1,2,3-Trichlorobenzene	0.36 U	ug/L	1.0	0.36	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	49	98	70 - 128	T
Bromofluorobenzene (S)	ug/L	50	50	99	86 - 123	T
Toluene-d8 (S)	ug/L	50	48	95	77 - 119	T

Lab Control Sample (5771408); Lab Control Sample Duplicate (5771409); Parent Lab Sample (G2503209001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Dichlorodifluoromethane	ug/L	20	21	107	32 - 152	21	106	1	20	T
Chloromethane	ug/L	20	19	95	50 - 139	21	105	11	20	T
Vinyl Chloride	ug/L	20	19	95	58 - 137	21	105	10	20	T
Bromomethane	ug/L	20	22	109	10 - 150	19	94	15	20	T
Chloroethane	ug/L	20	19	96	60 - 138	19	97	1	20	T
Trichlorofluoromethane	ug/L	20	20	101	65 - 141	21	104	3	20	T
Acrolein (Propenal)	ug/L	100	100	104	39 - 155	110	113	9	20	T
Acetone	ug/L	20	19	94	39 - 160	21	104	10	20	T
1,1-Dichloroethylene	ug/L	20	18	89	71 - 131	18	92	4	20	T
Iodomethane (Methyl Iodid	ug/L	20	12	59	10 - 150	14	69	15	20	T
Acrylonitrile	ug/L	20	19	94	63 - 135	20	100	6	20	T
Methylene Chloride	ug/L	20	16	79	74 - 124	16	81	3	20	T
Carbon Disulfide	ug/L	20	18	88	64 - 133	18	88	1	20	T
trans-1,2-Dichloroethylene	ug/L	20	18	88	75 - 124	18	92	4	20	T
Methyl tert-butyl Ether (MT	ug/L	20	19	96	71 - 124	21	103	7	20	T
1,1-Dichloroethane	ug/L	20	17	86	77 - 125	18	89	3	20	T
Vinyl Acetate	ug/L	20	17	85	10 - 150	20	98	14	20	T
2-Butanone (MEK)	ug/L	20	19	95	56 - 143	20	102	8	20	T
cis-1,2-Dichloroethylene	ug/L	20	19	93	78 - 123	19	97	4	20	T
Bromochloromethane	ug/L	20	17	85	78 - 123	18	91	7	20	T
Chloroform	ug/L	20	19	96	79 - 124	20	99	3	20	T
2,2-Dichloropropane	ug/L	20	14	72	10 - 150	15	77	7	20	T

Tuesday, April 8, 2025 12:07:22 PM
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NELAP Accredited E82001



FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2503209)

QC Batch: MSVt/11435
Preparation Method: SW-846 5030B
Associated Lab IDs: G2503209001

Analysis Method: SW-846 8260D

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
1,2-Dichloroethane	ug/L	20	20	98	73 - 128	20	102	4	20	T
1,1,1-Trichloroethane	ug/L	20	19	97	74 - 131	20	101	3	20	T
1,1-Dichloropropene	ug/L	20	17	87	79 - 125	18	91	4	20	T
Carbon Tetrachloride	ug/L	20	20	100	72 - 136	21	103	3	20	T
Benzene	ug/L	20	18	91	79 - 120	19	94	3	20	T
Dibromomethane	ug/L	20	19	97	79 - 123	21	104	6	20	T
1,2-Dichloropropane	ug/L	20	19	93	78 - 122	19	97	4	20	T
Trichloroethene	ug/L	20	20	99	79 - 123	20	102	3	20	T
Bromodichloromethane	ug/L	20	20	99	79 - 125	20	102	3	20	T
2-Chloroethyl Vinyl Ether	ug/L	20	18	89	10 - 150	19	97	9	20	T
cis-1,3-Dichloropropene	ug/L	20	19	93	75 - 124	20	98	5	20	T
4-Methyl-2-pentanone (MIB)	ug/L	20	19	95	67 - 130	21	103	8	20	T
trans-1,3-Dichloropropylene	ug/L	20	18	90	73 - 127	19	95	5	20	T
1,1,2-Trichloroethane	ug/L	20	20	100	80 - 119	22	108	8	20	T
Toluene	ug/L	20	19	93	80 - 121	19	96	4	20	T
1,3-Dichloropropane	ug/L	20	19	93	80 - 119	20	99	6	20	T
2-Hexanone	ug/L	20	21	107	57 - 139	24	120	11	20	T
Dibromochloromethane	ug/L	20	21	106	74 - 126	22	111	5	20	T
Ethylene Dibromide (EDB)	ug/L	20	20	100	77 - 121	22	108	8	20	T
Tetrachloroethylene (PCE)	ug/L	20	18	90	74 - 129	19	93	4	20	T
1,1,1,2-Tetrachloroethane	ug/L	20	20	98	78 - 124	20	101	3	20	T
Chlorobenzene	ug/L	20	19	97	82 - 118	20	101	5	20	T
Ethylbenzene	ug/L	20	18	91	79 - 121	19	96	5	20	T
Bromoform	ug/L	20	19	96	66 - 130	20	101	5	20	T
Styrene	ug/L	20	21	103	78 - 123	21	107	4	20	T
1,1,2,2-Tetrachloroethane	ug/L	20	19	94	71 - 121	21	103	9	20	T
1,2,3-Trichloropropane	ug/L	20	22	108	73 - 122	21	107	1	20	T
Isopropylbenzene	ug/L	20	18	91	72 - 131	19	97	6	20	T
Bromobenzene	ug/L	20	18	88	80 - 120	19	94	7	20	T
n-propylbenzene	ug/L	20	17	86	76 - 126	18	92	7	20	T
2-Chlorotoluene	ug/L	20	18	88	79 - 122	19	93	6	20	T
4-Chlorotoluene	ug/L	20	18	88	78 - 122	19	94	6	20	T
1,3,5-Trimethylbenzene	ug/L	20	18	92	75 - 124	19	97	5	20	T

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FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2503209)

QC Batch: MSVt/11435
Preparation Method: SW-846 5030B
Associated Lab IDs: G2503209001

Analysis Method: SW-846 8260D

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
tert-butylbenzene	ug/L	20	19	93	78 - 124	20	100	7	20	T
1,2,4-Trimethylbenzene	ug/L	20	19	94	76 - 124	19	97	4	20	T
sec-butylbenzene	ug/L	20	18	92	77 - 126	19	97	6	20	T
1,3-Dichlorobenzene	ug/L	20	19	94	80 - 119	20	100	6	20	T
1,4-Dichlorobenzene	ug/L	20	19	94	79 - 118	20	101	7	20	T
1,2-Dichlorobenzene	ug/L	20	19	96	80 - 119	21	103	7	20	T
n-Butylbenzene	ug/L	20	16	80	75 - 128	17	83	4	20	T
1,2-Dibromo-3-Chloropropa	ug/L	20	19	97	62 - 128	21	106	9	20	T
1,2,4-Trichlorobenzene	ug/L	20	20	98	69 - 130	20	101	3	20	T
Naphthalene	ug/L	20	21	105	61 - 128	23	115	10	20	T
Hexachlorobutadiene	ug/L	20	16	82	66 - 134	18	89	8	20	T
1,2,3-Trichlorobenzene	ug/L	20	22	109	69 - 129	24	122	12	20	T
Xylene (Total)	ug/L	60	56	93	79 - 121	58	96	4	20	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	48	97	70 - 128	49	97	1		T
Bromofluorobenzene (S)	ug/L	50	46	92	86 - 123	47	94	2		T
Toluene-d8 (S)	ug/L	50	47	95	77 - 119	48	95	0		T

Matrix Spike (5771410); Original (A2503377001); Parent Lab Sample (A2503377001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Dichlorodifluoromethane	ug/L	20	20	102	32 - 152	T
Chloromethane	ug/L	20	23	113	50 - 139	T
Vinyl Chloride	ug/L	20	22	110	10 - 150	T
Bromomethane	ug/L	20	20	98	10 - 150	T
Chloroethane	ug/L	20	20	100	60 - 138	T
Trichlorofluoromethane	ug/L	20	21	103	65 - 141	T
1,1-Dichloroethylene	ug/L	20	19	93	71 - 131	T
Methylene Chloride	ug/L	20	17	84	74 - 124	T
trans-1,2-Dichloroethylene	ug/L	20	19	93	75 - 124	T
Methyl tert-butyl Ether (MTBE)	ug/L	20	21	104	71 - 124	T
1,1-Dichloroethane	ug/L	20	18	88	77 - 125	T
cis-1,2-Dichloroethylene	ug/L	20	20	98	78 - 123	T





FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2503209)

QC Batch: MSVt/11435
Preparation Method: SW-846 5030B
Associated Lab IDs: G2503209001

Analysis Method: SW-846 8260D

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Chloroform	ug/L	20	20	101	79 - 124	T
1,2-Dichloroethane	ug/L	20	21	103	73 - 128	T
1,1,1-Trichloroethane	ug/L	20	20	101	74 - 131	T
Carbon Tetrachloride	ug/L	20	21	106	72 - 136	T
Benzene	ug/L	20	19	96	79 - 120	T
1,2-Dichloropropane	ug/L	20	20	98	78 - 122	T
Trichloroethene	ug/L	20	22	109	79 - 123	T
Bromodichloromethane	ug/L	20	21	105	79 - 125	T
2-Chloroethyl Vinyl Ether	ug/L	20	20	100	10 - 150	T
cis-1,3-Dichloropropene	ug/L	20	20	100	75 - 124	T
trans-1,3-Dichloropropylene	ug/L	20	19	97	73 - 127	T
1,1,2-Trichloroethane	ug/L	20	22	110	80 - 119	T
Toluene	ug/L	20	20	99	80 - 121	T
Dibromochloromethane	ug/L	20	23	116	74 - 126	T
Tetrachloroethylene (PCE)	ug/L	20	20	99	74 - 129	T
Chlorobenzene	ug/L	20	21	107	82 - 118	T
Ethylbenzene	ug/L	20	20	100	79 - 121	T
Bromoform	ug/L	20	21	106	66 - 130	T
1,1,2,2-Tetrachloroethane	ug/L	20	20	100	71 - 121	T
Isopropylbenzene	ug/L	20	19	97	72 - 131	T
1,3,5-Trimethylbenzene	ug/L	20	20	101	75 - 124	T
1,2,4-Trimethylbenzene	ug/L	20	21	103	76 - 124	T
1,3-Dichlorobenzene	ug/L	20	21	103	80 - 119	T
1,4-Dichlorobenzene	ug/L	20	21	105	79 - 118	T
1,2-Dichlorobenzene	ug/L	20	21	107	80 - 119	T
Xylene (Total)	ug/L	60	60	101	79 - 121	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	48	96	70 - 128	T
Bromofluorobenzene (S)	ug/L	50	45	91	86 - 123	T
Toluene-d8 (S)	ug/L	50	48	95	77 - 119	T





Advanced Environmental Laboratories, Inc.
4965 SW 41st Bl Gainesville, FL 32608
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (352) 377-2349
Fax: (352) 395-6639

FINAL

Workorder: FAIRBANKS RURAL COLLECTION CTR (G2503209)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
MSVt/11435 - SW-846 8260D			
G2503209001	TMP-2A	MSVt/11432	SW-846 5030B

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* G 2 5 0 3 2 0 9 *

☐ Altamonte Springs: 380 Northlake Blvd., Ste. 1048, FL 32701 • 407.937.1594 • Lab ID: ES3076

☐ Fort Myers: 13100 Westlakes Terrace, Ste. 10, FL 33913 • 239.674.8130 • Lab ID: E84492

☐ Jacksonville: 6681 Southpoint Pkwy., FL 32216 • 904.353.9350 • Lab ID: E82574

☐ Tallahassee: 2639 North Monroe St., Suite D, FL 32303 • 850.219.6274 • Lab ID: E811095

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☐ Gainesville: 4965 SW 41st Blvd., FL 32608 • 352.377.2349 • Lab ID: E82001

☐ Miramar: 10200 USA Today Way, FL 33025 • 954.889.2288 • Lab ID: E82535

☐ Tampa: 9610 Princess Palm Ave., FL 33619 • 813.630.9616 • Lab ID: E94589

Client Name:

Project Name:

GSE Engineering & Consulting, Inc.
Address: 5590 SW 64th St., Ste. B
Gainesville, FL 32608

Fairbanks Rural Collection Center
Project Number: 16901
PO Number: 16901
FDEP Facility No:
FDEP Facility Address:

BOTTLE
SIZE & TYPE

Phone: (352) 377-3233

FDEP Facility No:

FAX: (352) 377-0335

FDEP Facility Address:

Contact: EnviroGSEngineering.com

Sampled By: V. Doyle

Special Instructions:

Turn Around Time: ☒ STANDARD ☐ RUSH

AEL Profile #:

☐ ADAPT ☐ EQUIS ☐ Other

ANALYSIS REQUIRED

8260-Full List gr

SAMPLE ID

SAMPLE DESCRIPTION

Grab Comp

SAMPLING
DATE TIME

MATRIX

NO.
COUNT

Preservation
Field-
Filtered?

LABORATORY I.D. NUMBER

TIME-2A

Grab 3/28/25 12:15 GW 3

X

001

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge

Preservation Code: I = Ice H=(HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)

Received on Ice ☒ Yes ☐ No ☐ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked

Temp, when received (observed) 22.1 °C Temp, when received (corrected) 22.1 °C

DCN: AD-D051 Form last revised 08/07/2019

Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V F: 1A

Relinquished by:

Date

Time

Received by:

Date

Time

FOR DRINKING WATER USE:
(When PWS information not otherwise supplied) PWS ID: _____

Contact Person: _____

Supplier of Water: _____ Phone: _____

Site-Address: _____

APPENDIX C

**ALACHUA COUNTY FAIRBANKS SOLID
WASTE COLLECTION CENTER**

9920 NE WALDO ROAD, GAINESVILLE, FL 32609

Employees: 2

Vehicles: 0

Billable Tanks: 0

Contact: KURT SEABURG

ACEPD: H2140

Class: E

Inspection Results

4/13/2017

Chris Gilbert

INITIAL INSPECTION INDICATES FACILITY CLASS "E" EXEMPT.

FACILITY IS A SATELLITE RESIDENTIAL SOLID WASTE AND HAZWASTE COLLECTION FACILITY.

ALL HAZWASTE / USED OIL TO ACHWCC FOR PROPER DISPOSAL.

FACILITY EXEMPT.