Anthony's Pelham Carwash Site

Pelham, Shelby County, Alabama
ADEM VCP Site #: 461-117-26034

Fact Sheet

A Voluntary Cleanup Program (VCP) Assessment Report has been found to be technically adequate by the Alabama Department of Environmental Management (ADEM) for Anthony's Pelham Carwash Site in Pelham, Alabama. This fact sheet has been prepared to briefly advise the public of the principal legal and policy issues of the VCP.

I. VCP PROCESS

The VCP provides a mechanism for the implementation of a cleanup program that encourages applicants to voluntarily assess, remediate, and reuse rural and urban areas of actual or perceived contamination. The program does not relieve any "responsible person" of liability for administrative, civil, or criminal fines or penalties authorized by law and imposed due to illegal or unpermitted disposal of solid waste, hazardous waste, hazardous constituents, hazardous substances, petroleum products, and/or pollutants to the land, air, or waters of the State on an identified property.

The program is designed to expedite the voluntary cleanup process and allows entry at any stage of the cleanup process, provided all applicable criteria have been met up to that point.

II. PROCEDURES FOR REACHING A FINAL DECISION

ADEM is proposing to issue an approval of the Assessment Report for Anthony's Pelham Carwash Site. The proposed Pelham New Day, LLC, a final decision for the site

ADEM Admin Code R. 335-15-6-.02 requires a 30-day public comment period from the date of notice. The comment period will begin on November 25, 2026, which is the date of publication of the public notice in local newspaper(s) of general circulation, and will end on December 28, 2026.

All persons wishing to comment on the proposed VCP Remediation should submit their comments in writing to: ADEM, Permits and Services Division 1400 Coliseum Blvd. (Zip 36110) P.O. Box 301463 (Zip 36130-1463) Montgomery, Alabama, ATTENTION: Mr. Russell Kelly. Written or contact the Permits & Services Division via telephone (334-271-7714), e-mail (permitsmail@adem.alabama.gov) comments must be received by December 28, 2026.

ADEM will consider all timely written comments before making a final decision. Once a decision is reached, ADEM will notify the applicant and all individuals who submitted comments or requested notification.

III. FACILITY DESIGN

Bullock Environmental, LLC. has completed site investigation activities under the VCP at Anthony's Pelham Carwash Site, located at 2941 Pelham Parkway, Pelham, Shelby County, Alabama. The property is a former full service and express car wash.

Bullock Environmental, LLC proposes to implement, an environmental covenant will be established too:

- Prohibit the use of groundwater on site.
- Use of the Site shall be limited to commercial or industrial activities (i.e., residential housing, schools, daycares, hospitals, etc. Shall be prohibited)
- An ADEM approved Soil Management Plan for future use of the Site.

IV. TECHNICAL CONTACT

Crystal L. Collins, Chief
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July 31, 2026

Ms. Crystal Collins
Chief, Redevelopment Unit
Land Division
Alabama Department of Environmental Management
P.O. Box 301463
Montgomery, Alabama 36130-1463

Subject: **Voluntary Property Assessment Report**
Anthony's Pelham Carwash
2941 Pelham Parkway
Pelham, Shelby County, Alabama
Bullock Environmental, LLC Project #: 26-LIVD01

Dear Ms. Collins,

On behalf of Pelham New Day, LLC, a non-responsible party Applicant, Bullock Environmental, LLC (Bullock) submits the attached Voluntary Property Assessment Report for the above-referenced Site. As detailed in the attached document, the Site currently houses a retail carwash operation, which has been in operation since approximately 1998.

The enclosed Voluntary Property Assessment Report details the activities completed to date and provides analytical results from the soil and groundwater assessment work conducted in April and July 2026 and demonstrates that the chemicals of concern detected in onsite soil and groundwater are not representative of an onsite source and do not pose a viable exposure risk to current or future occupants of the Site. As such, the recommendations set forth herein include the use of an environmental covenant as an appropriate remedy to achieve closure through the Alabama Voluntary Cleanup Program. The proposed environmental covenant would prohibit use of onsite groundwater for potable or irrigation purposes and limit the future use of the Site to commercial operations (i.e., prohibit the future use of the Site for residential purposes, including, but not limited to, schools, dwellings, homes, hospitals, child-care centers, nursing homes, playgrounds, recreation centers, or other areas/structures with sensitive human activity).

If you have any questions or comments regarding the attached Voluntary Property Assessment Report, please contact us at your convenience using the sources provided above. Alternatively, you may reach us via email at doug.bullock@bullockenvironmental.com.

Sincerely,
BULLOCK ENVIRONMENTAL, LLC

Douglas A. Bullock
Principal

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Voluntary Property Assessment Report
Anthony's Pelham Carwash
2941 Pelham Parkway
Pelham, Shelby County, Alabama
Bullock Environmental, LLC Project #: 26-LIVD01

Prepared on behalf of:

Pelham New Day, LLC
2204 Lakeshore Drive
Suite #450
Birmingham, Alabama 35209

July 31, 2026

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July 31, 2026

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July 31, 2026

TABLE OF CONTENTS

1.0 INTRODUCTION 1
- 1.1 SITE DESCRIPTION 1
- 1.2 SITE HISTORY AND PURPOSE 1

2.0 SUMMARY OF PREVIOUS ASSESSMENTS 2

3.0 SCOPE OF WORK AND REPORT ORGANIZATION 3
- 3.1 SCOPE OF WORK 3
- 3.2 REPORT ORGANIZATION 3

4.0 SITE CHARACTERIZATION AND FIELD INVESTIGATION RESULTS 4
- 4.1 SURROUNDING POPULATION 4
- 4.2 GEOLOGY AND HYDROGEOLOGY 4
- 4.3 SITE SOILS 5
- 4.4 UNDERGROUND UTILITY SURVEY 5
- 4.5 RELEASE CHARACTERIZATION AND DISTRIBUTION OF COCs 5
  - 4.5.1 Soil Boring/Temporary Monitoring Well Installation Tasks (July 2026) 5
  - 4.5.1 Chemicals of Concern 6
  - 4.5.2 Distribution of COCs 6

5.0 ANALYSIS OF ANALYTICAL RESULTS 7

6.0 CONCLUSIONS AND RECOMMENDATIONS 8

7.0 REFERENCE MATERIALS 9

TABLES

Table 1 Summary of Detected Constituents in Soil
Table 2 Summary of Detected Constituents in Groundwater

FIGURES

Figure 1 Site Location Map
Figure 2 Site Plan
Figure 3 Area Land Use Map
Figure 4 Water Well Inventory Map
Figure 5 Chemicals of Concern in Soil

APPENDICES

Appendix A Previous Site Investigation Reports
Appendix B Water Well Information
Appendix C Boring Logs
Appendix D Laboratory Analytical Data Reports

CERTIFICATION PAGE

I certify under penalty of law that this document and all plans, specifications, and technical data submitted were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiring of the person or persons who directly gathered the enclosed information, the information submitted, to the best of my knowledge and belief, is true, accurate, and complete. I am aware that there are significant penalties for submitting false information.



Signed

Mr. Samuel Smith
Printed

AL-P.G. # 1287
Registration Number

July 31, 2026
Date

1.0 INTRODUCTION

1.1 SITE DESCRIPTION

The Site, located at 2941 Pelham Parkway in Pelham, Shelby County, Alabama, comprises approximately one acre of commercial land occupied by Anthony's Pelham Carwash.

The Site is identified on the United States Geological Survey (USGS) 7.5-minute Topographic Quadrangle *Helena, Alabama*, dated 2018 (included as **Figure 1**) and more specifically located at north latitude 33° 18' 0.54'' and west longitude 86° 48' 31.12'').

A Site Plan illustrating the onsite improvements is included as **Figure 2**. Properties surrounding the Site include commercial development in all directions with Pelham Parkway forming the western boundary and Canyon Park Drive located immediately south. An area land use map is included as **Figure 3**.

1.2 SITE HISTORY AND PURPOSE

Considering the information obtained during the investigations completed to date, Bullock learned that the Site was undeveloped, wooded land from at least the 1890s until construction of the current commercial structure in the late 1990s. Since development, the Site has been occupied by Anthonys Car Cleanup Inc, also listed as Anthonys Full Service & Express Car Wash, and Pelham Car Wash & Lube Inc. The surrounding area developed gradually from primarily residential to commercial-residential starting in the early 1970s.

Site improvements include an approximately 6,500-square-foot carwash structure in the west-central section. The onsite structure is surrounded by concrete-paved parking (with vacuum stalls located along the southeastern and southern sides of the parcel. An access drive along the southeastern boundary provides ingress to the Site with the exit located in the southwestern corner. A Site plan illustrating structures and approximate boundaries is included as **Figure 2**.

The purpose of this Voluntary Property Assessment Report is to document investigations conducted to date, which demonstrate adequate lateral and vertical assessment of chemicals of concern (COCs) in onsite soil and groundwater. As documented in subsequent sections of this report, COCs identified in onsite soil and groundwater included certain PFAS at concentrations exceeding their applicable industrial Regional Screening Levels (RSLs-soil) Maximum Contaminant Levels (MCLs-groundwater). In light of the assessment activities completed to date, the purpose of this Voluntary Property Assessment Report is to demonstrate that the COC concentrations detected in onsite groundwater are unrelated to onsite activities and pose no viable exposure risk to current or future occupants.

Bullock Environmental, LLC (Bullock) prepared this document on behalf of Pelham New Day, LLC to achieve the following objectives:

1. Demonstrate adequate assessment of COCs in soil and groundwater on the Site to develop an appropriate remedial plan;
2. Present the rationale for the use of an environmental covenant as appropriate remedy to protect human health and the environment;
3. Obtain Alabama Department of Environmental Management (ADEM) approval of this Voluntary Property Assessment Report; and
4. Following ADEM's approval of the Voluntary Property Assessment Report, establish appropriate institutional controls (through an environmental covenant) to mitigate potential exposure (if any) to COCs potentially remaining in onsite soil and groundwater.

The following sections present the required elements of a Voluntary Property Assessment Report (as outlined in ADEM Administrative Code 335-15-4-.03) and detail the basis for recommending certain use *"restrictions such as land use controls, if appropriate to, satisfy the cleanup requirements for the qualifying property* (ADEM Administrative Code 335-4-.04(1))."

2.0 SUMMARY OF PREVIOUS ASSESSMENTS

Site investigations completed to date included the following:

- **Phase I Environmental Site Assessment (ESA)-March 2026-ECS Southeast, LLC (ECS)**: identified the following recognized environmental conditions in connection with the current/former use of the Site and operations on nearby properties:
    - "**Anthony's Full Service & Express Car Wash**, 2941 Pelham Pkwy This facility is located on the subject property. The facility was not listed in any databases. The facility was listed in the city directories as a car wash in 2000, 2005, 2010, 2014, 2017, 2022, and 2024. No records were obtained on ADEM eFile database. During the site visit, ECS observed a de minimis spill in the operation room in the vicinity of drums labeled for hydraulic oil. The substance appeared consistent with a cleaning agent (e.g., soap), based on its bright coloration, which is not characteristic of petroleum. Several drums were not stored on an elevated surface or secondary containment to prevent direct contact with the concrete surface in the event of a release. Based on the duration of the facility operating as a car wash (approximately 26 years), the environmental risks associated with car wash establishments, and the absence of documented environmental sampling during operation as a car wash, it is ECS's opinion that this database listing is likely to result in a REC at the subject property.
    - Pelham Cleaners, 100 Canyon Park Drive. This facility is a south adjoining property located approximately 100 feet south-southwest, within the Victoria Plaza. The facility is situated in the northernmost building of the plaza. This property is situated in a presumed cross-gradient hydrogeological position relative to the subject property. The facility is listed in the RCRA-VSQG, FINDS, ECHO, and E MANIFEST databases. The facility is associated with EPA ID: ALR000008003 and the NAICS description identifies the facility as drycleaning and laundry services (except coin-operated) and linen supply. The facility was listed on the EDR Historical Cleaners database as a Drycleaning Plant, Except Rugs between 1998 to 2014. The facility was listed as a generator of waste including but not limited to chromium (D007), lead (D008), and additional wastes between 1997 and 2004. The facility was reported transporting around 15 gallons of toxic liquids, organic NOS waste in metal drums, barrels, and/or kegs to an off-site facility by a contractor in 2019. No state or federal violations have been reported in conjunction with this listing. According to ADEM eFile regulatory database, the facility was closed from August 16, 2007 to January 21, 2008 due to a fire. Review of inspection reports between 1997 and 2023, no violations were reported. Based on the proximity from the subject property, the topographic position, the duration of operating as a dry cleaners (approximately 29 years), and the absence of documented environmental sampling during operation as a dry cleaners, it is ECS's opinion that this database listing is likely to result in a REC at the subject property;"
- **Targeted Site Assessment, May 2026 (ECS):** On April 28, 2026, ECS mobilized to the Site to advance three soil borings; however, due to inclement weather, only two (2) borings (B-1 and B-2) were able to be advanced, both to probe refusal depths of 30 feet below land surface (BLS). Boring locations B-1 and B-2 are depicted on **Figure 2**. One soil sample was collected from boring B-1 and submitted for analysis of PFAS according to EPA Method 1633. Temporary monitoring wells were

installed in borings B-1 and B-2, each constructed with ten feet of one-inch, machine-slotted PVC well screen placed at the bottom of the open boring, topped with solid riser pipe to the surface. Well B-2 was noted to be dry at the time of sampling, so a groundwater sample could not be collected. One groundwater sample was collected from the temporary well installed in boring location B-1 for analysis of PFAS per EPA Method 1633 and volatile organic compounds (VOCs) according to EPA Method 8260. Review of the results obtained from this assessment indicated no PFAS to be detected above laboratory reporting limits in the soil sample collected from boring B-1 (4 to 5 feet BLS). With regard to groundwater, three VOCs (2-Butanone, 4-Methyl-2-pentanone, and acetone) were detected above laboratory reporting limits but below their respective tap water RSLs. Perfluorooctanoic acid (PFOA) and Perfluorooctanesulfonic acid (PFOS) were also detected in this groundwater sample at concentrations exceeding their applicable MCLs while Perfluorodecanoic acid (PFDA) was detected at a concentration exceeding its associated tap water RSL.

Soil and groundwater analytical results obtained from the Targeted Site Assessment are included in **Table 1** and **Table 2**. **Appendix A** includes copies of each assessment report summarized above**.**

3.0 SCOPE OF WORK AND REPORT ORGANIZATION

3.1 SCOPE OF WORK

In accordance with ADEM Administrative Code 335-15-4-.03 and 335-15-4-04, this Voluntary Property Assessment Report includes the following:

335-15-4-.03 (2) (Voluntary Property Assessment Plan/Report Content)

A Voluntary Property Assessment Plan (and Report) *submitted by an applicant shall describe in sufficient detail those actions planned to develop the information necessary to perform a risk assessment or identify applicable cleanup standards for the qualifying property utilizing requirements found in the Alabama Risk-based Corrective Action Guidance (ARBCA) Manual or other appropriate risk-based corrective action principles through the appropriate implementation of applicable response actions or land use controls. The* (Report) *should describe the methods to be used to determine the type(s) and the amount(s) of any contamination including the delineation of all soil and groundwater contamination discovered or known to exist within the qualifying property boundaries or portions thereof. Information submitted in the Voluntary Property Assessment* (Report) *shall be submitted in a format consistent with the Alabama Environmental Investigation and Remediation Guidance (AEIRG).*

3.2 REPORT ORGANIZATION

Section 4.0 summarizes the Site characterization information and includes the general geology, hydrogeology, and lithology of the Site area while providing Site-specific information regarding COCs detected in onsite soil and groundwater. Section 5.0 provides analysis of the results obtained during the investigation activities conducted on the Site. Section 6.0 presents conclusions and recommendations while Section 7.0 lists the reference sources cited throughout this Voluntary Property Assessment Report.

4.0 SITE CHARACTERIZATION AND FIELD INVESTIGATION RESULTS

4.1 SURROUNDING POPULATION

Properties surrounding the Site include commercial parcels in all directions (see **Figure 3**).

4.2 GEOLOGY AND HYDROGEOLOGY

According to the Geological Survey of Alabama's (GSA) *Geologic Map of Alabama, Special Map 220*, dated 1988, the Site is underlain by the Little Oak and Lenoir Limestone undifferentiated. This formation comprises dark gray, partly fossiliferous stynodudular limestone locally containing chert nodules, and medium-to dark-gray fenestra limestone at its base.

Site topography, which has been altered by development, is generally level with a gentle slope to the southeast. Stormwater is directed away from the Site via surface flow, infiltration, drainage channels, and curb and gutter. Various factors can affect groundwater flow direction. In general, for unconfined aquifers, the direction of shallow groundwater movement mirrors surface topography and generally flows from hilltops and uplands (recharge areas) to stream valleys (discharge areas). Based on the interpretation of the *Helena, Alabama* topographic quadrangle, shallow groundwater beneath the Site is inferred to generally flow to the south-southeast.

A search of public and private water wells within one mile of the Site revealed four water wells to be present (**Figure 4**); however, Bullock observed none of these wells during reconnaissance. Two water wells were identified north of the Site while two additional water wells were identified to the south. Details regarding each water well within one mile of the Site are summarized below with well construction and installation dates for each well included in **Appendix B**.

- **Well M5 (USGS Water Science Well)**, located approximately 3,000 feet north of the Site, was reportedly installed 1964 to a depth of 67 feet below land surface (BLS) as an aquifer measurement well. The most recent water level measurement (November 11, 1968) indicated the depth to groundwater to be 13.04 feet BLS.
- **Well M6 (USGS Water Science Well)**, located approximately 3,000 feet south-southwest of the Site, was reportedly installed in 1966 (depth of installation not reported). The most recent water level measurement (November 11, 1968) indicated the depth to groundwater to be 13.04 feet BLS.
- **Well A3 (City of Pelham)/Well M9 (USGS Water Science Well:** The City of Pelham well was formerly located approximately one mile south-southwest of the Site; it was reportedly destroyed and no longer in use. Bullock was unable to obtain further information regarding this former well in connection with the preparation of this report. Well M9 (installed in 1965) was reportedly advanced to a depth of 414 feet BLS. The most recent water level measurement (November 11, 1968) indicated the depth to groundwater to be 40.21 feet BLS.
- **Well M15 (USGS Water Science Well)**, located approximately 4500 feet north-northwest of the Site, was reportedly installed on April 1, 1974 to a depth of 414 feet BLS. No other information was available regarding this well location.

Public water is supplied to the Site by the Pelham Water Works from local groundwater wells and purchased surface water from Shelby County Water Services. Specifically, the system utilizes 4 local groundwater wells and 2 interconnection connections that purchase treated surface water from Shelby County Water Services (see Water System Details Report included in **Appendix B**). As indicated in the 2026 Annual Water Quality Report, PFOS has been detected at concentrations ranging from below laboratory reporting limits to 16 nanograms per liter (ng/L) while PFOA concentrations ranged from 1.5 ng/L to 15 ng/L.

4.3 SITE SOILS

According to the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey, a majority of the Site is underlain by Dewey Silty Clay loam. This unit is classified as a very deep, well-drained upland soil series that formed from limestone residuum, common in limestone valleys and prominent in regional agricultural areas. Soil strata encountered during previous investigations revealed underlying stratigraphy to comprise reddish-yellow clayey sands to depths ranging from 25 feet to 30 feet BLS. Boring logs documenting these findings are included in **Appendix A**.

4.4 UNDERGROUND UTILITY SURVEY

Known underground utilities at the Site include water, power, communication, storm sewer, gas, and sanitary sewer. Bullock personnel observed no evidence that underground utilities are functioning as conduits for potential contaminant transfer. Bullock personnel estimated the depths of onsite, subsurface utility lines to range from one foot to five feet BLS. **Figure 2** illustrates known subsurface utilities surrounding the Site.

4.5 RELEASE CHARACTERIZATION AND DISTRIBUTION OF COCS

In addition to the sampling activities completed in connection with the Targeted Site Assessment, Bullock completed a supplemental investigation of onsite soil and groundwater quality between July 2, and July 17, 2026.

4.5.1 Soil Boring/Temporary Monitoring Well Installation Tasks (July 2026)

Bullock personnel mobilized to the Site on July 2, 2026, to install four additional soil borings/ groundwater monitoring wells (MW-1 through MW-4). The Site investigation followed the ADEM Alabama Environmental Investigation & Remediation Guidance (AEIRG) document, revised February 2017.

Bullock personnel oversaw its drilling subcontractor (Associated Topography, LLC) in the installation of four soil borings, each of which was subsequently converted into a temporary monitoring well (MW-1 through MW-4). Soil boring depths ranged from 25 to 36 (BLS). **Figure 2** illustrates the location of each soil boring and monitoring well installed during this investigation.

During drilling operations, field personnel used five-foot long stainless steel core samplers with five foot acetate liners and advanced each soil boring in five-foot increments to collect continuous soil samples from the ground surface until reaching the desired depth, decontaminating drilling rods and sampling equipment between each boring to prevent cross-contamination.

Following sample collection, Bullock personnel split a representative portion of each soil sample for chemical analysis, headspace screening, and lithologic classification. Each soil sample collected for chemical analysis was immediately placed in a pre-cleaned sample container supplied by the laboratory, labeled, and packed in a cooler with ice. Bullock delivered two soil samples from each boring location under proper chain-of-custody to Pace Analytical Laboratory in Mt. Juliet, Tennessee for analysis for VOCs and PFAS according to EPA Methods 8260B and 1633. Soil samples collected for headspace screening were placed in re-sealable plastic bags and allowed to equilibrate for a minimum of ten to 15 minutes, permitting sufficient vapors in the sample containers to accumulate. The containers were then

screened with a photoionization detector (PID) and the headspace reading recorded. PID readings for each sample interval are included on the boring logs in **Appendix C**.

Bullock converted each soil boring into a temporary monitoring well for subsequent groundwater sampling. Temporary monitoring depths ranged from 25 feet BLS (MW-1) to 34 feet (MW-3 and MW-4). Each temporary monitoring well was constructed with ten feet of threaded Schedule 40 PVC 0.010-inch slotted well screen, a compatible length of threaded Schedule 40 PVC riser, and a threaded PVC plug installed at the base of each well screen. The annular space around each well screen was then backfilled with a sand filter pack to two feet above the top of the screened interval and topped with up to two feet of bentonite, which was then hydrated to form a competent seal within the annular space surrounding the well casing material. Boring logs with soil descriptions and monitoring well construction details are included in **Appendix C**.

Following installation of each monitoring well, field personnel returned to the Site on July 3, July 10, and July 17, 2026, to measure groundwater depths in each location. After three unsuccessful attempts to obtain groundwater samples from the onsite monitoring wells, Bullock confirmed no groundwater (or insufficient groundwater) was present on top of bedrock underlying the Site to obtain a sufficient volume of water from any of the onsite monitoring wells to result in a viable groundwater sample for analysis.

4.5.1 Chemicals of Concern

As detailed below and summarized in **Table 1** and **Table 2**, PFOA to be present in three shallow soil samples at concentrations exceeding its EPA industrial RSL while PFOA, PFOS, and PFDA were detected in groundwater at concentrations above EPA-established MCLs or tap water RSLs.

4.5.2 Distribution of COCs

Shallow Soil: As summarized below, Site investigations revealed PFOA to be the only COC in shallow soil (surface to five feet BLS); at concentrations above its associated EPA RSL.

> **PFOA:** This compound was present in all four shallow soil samples at concentrations ranging from 0.000069 mg/kg (MW-4, 1-5 feet BLS) to 0.000827 mg/kg (MW-1, 1-5 feet BLS), exceeding the EPA-established RSL of 0.000078 mg/kg.

Subsurface Soil: Analytical data for the soil samples collected to date revealed no COCs to be present in subsurface soil at concentrations exceeding applicable EPA RSLs. PFOA concentrations in subsurface soil ranged from below laboratory reporting limits to 0.000069 mg/kg.

Groundwater: The analytical results obtained from the groundwater sample collected during the Targeted Site Assessment (April 2026) revealed the following:

> **PFOA:** The groundwater sample collected from monitoring well B-1 (April 29, 2026) contained PFOA at a concentration of 69 ng/L, above the EPA-established MCL of 4.0 ng/L;
> **PFOS:** The groundwater sample collected from monitoring well B-1 (April 29, 2026) contained PFOS at a concentration of 6.3 ng/L, above the EPA-established MCL of 4.0 ng/L; and
> **PFDA:** The groundwater sample collected from monitoring well B-1 (April 29, 2026) contained PFDA at a concentration of 1.3 ng/L, exceeding the EPA-established tap water RSL of 0.04 ng/L.

While acetone, 2-butanone, and 4-methyl-2-pentanone were detected in onsite groundwater at concentrations exceeding laboratory reporting limits, none of these compounds were present above applicable tap water RSLs and appear to be artifacts from extracts used during laboratory analysis. As such, they were not considered applicable COCs and have been excluded from further consideration.

COCs in soil and groundwater are summarized in **Table 1** and **Table 2** while COCs in soil are illustrated on **Figure 5**. Copies of the laboratory analytical reports for the groundwater samples collected during the July 2, 2026, sampling activities (as well as laboratory analytical reports from the April 2026 investigation) are included in **Appendix D**.

5.0 ANALYSIS OF ANALYTICAL RESULTS

As detailed in Section 4.0, three PFAS constituents have been detected in onsite soil and groundwater at concentrations exceeding their applicable industrial RSLs (soil) or MCLs/tap water RSLs (PFOA, PFOS, and PFDA).

5.1 ANALYSIS OF SOIL ANALYTICAL RESULTS

Further review of the results summarized in **Table 1** (and detailed in **Appendix D**) reveals a significant disparity between the detected PFOA concentrations in shallow soil versus those detected in deeper sampling intervals (five feet to 15 feet BLS) with only shallow soil (in three of the four sampling locations) containing PFOA at concentrations exceeding EPA-established RSLs. Average PFOA concentrations in shallow soil (0.000284 mg/kg) were approximately 5X higher than the average PFOA concentrations in deeper soil (0.0000517 mg/kg).

5.2 ANALYSIS OF GROUNDWATER ANALYTICAL RESULTS

Review of the results summarized in **Table 2** (and detailed in **Appendix D**) indicates PFOA, PFOS. and PFDA to be present above applicable MCLs or tap water RSLs; however, these detections do not appear to correspond with an associated PFAS source on the Site. As indicated in Section 4.2, the City of Pelham utilizes four public supply wells to service the local water system. The 2026 Annual Water Quality Report for Pelham Water Works reports PFOS concentrations up to 16 ng/L, almost three times the concentration measured in onsite groundwater. While the PFOA concentration measured in boring B-1 was 69 ng/L, Pelham Water Works has reported concentrations as high as 15 ng/L in 2026; previous reporting years (2021 through 2024) documented PFOA between 12 ng/L and 18 ng/L. In light of the information reported by Pelham Water Works, the levels measured in groundwater beneath the Site do not differ significantly from annual reporting data; they are either below (PFOS) or slightly above (PFOA) the concentrations measured in publicly treated drinking water.

5.3 RELATIONSHIP OF PFAS IN SHALLOW SOIL VERSUS DEEPER SOIL

As indicated in Section 5.1, PFOA concentrations were approximately 5X higher in shallow soil than in deeper soil. This pattern extended to the majority of PFAS analytes (most indicating trace or undetectable concentrations in deeper soil) and is consistent with peer reviewed published by the American Chemical Society (*Prevalence and Source Tracing of PFAS in Shallow Groundwater Used for Drinking Water in Wisconsin, USA*) on November 2, 2023). According to information compiled during the study of approximately 450 residential properties, the study concluded that "[o]nce released on or near the land surface, PFAS are known to accumulate at air–water interfaces, which are abundant in unsaturated zone soil, leading to an observed tendency to find higher concentrations at shallower subsurface depths."

With regard to PFAS detected in shallow groundwater, the study goes on to state the following:

> *"PFAS occurrence in groundwater may be affected by many factors. For lower concentrations, this includes the ubiquitous detection of PFAS in precipitation. There are 57 samples from this study… for which all detected PFAS were at or below the highest site median from a Wisconsin precipitation study with sample collection (91 samples from eight sites mostly reflecting ambient conditions) during 2020. Detected PFAS in the 57 samples (this study) were the C4–C9 PFCAs, PFTeDA, PFHxS, PFOS, and PFOSA. Identification of these PFAS and their levels in our study samples serves as an estimate of which PFAS in groundwater could have come from precipitation plus dry deposition, without elevated levels from discrete sources. Uncertainties in this estimate include that PFAS may accumulate in soils before breakthrough to groundwater and that historical levels in precipitation are largely unknown."*

The results obtained from this investigation indicate the PFAS detections in onsite shallow soil samples follow a similar pattern to that documented in the American Chemical Society's 2023 publication. Likewise, the levels of PFAS detected in groundwater from boring B-1 are either lower (PFOS) or slightly higher than the levels reported by Pelham Water Works between 2021 and 2026. Furthermore, the levels measured in groundwater could also be a product of accumulated PFAS from regular precipitation. Regardless of the origin (precipitation, public water used for onsite irrigation, etc.), however, the concentrations measured in onsite soil and groundwater (in April and July 2026) do not appear to be consistent with or attributable to an onsite contaminant source.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the information presented in this Voluntary Property Assessment Report, investigations completed to date indicate PFOA to be present in three shallow soil samples at concentrations exceeding the EPA-established RSL. Three PFAS constituents (PFOA, PFOS, and PFDA) were measured in one groundwater sample at concentrations exceeding their associated MCLs or tap water RSLs established by US EPA. These compounds appear related to ambient sources, not an onsite contaminant source. Rather, the low levels measured in soil and groundwater appear to be more likely related to either regular precipitation on the Site, public water supplied by Pelham Water Works, or possibly both.

With these conclusions, further investigation does not appear warranted on the Site. As such, Pelham New Day, LLC will submit a draft environmental covenant for review and approval by ADEM. The environmental covenant will include the following land use restrictions (which would be incorporated onto the deed):

1. The use of groundwater for potable or irrigation purposes from or on the Site is prohibited; and
2. Use of the Site shall be limited to commercial/industrial activities (i.e., residential housing, schools, daycares, hospitals, etc. shall be prohibited).

Following ADEM's approval of the draft environmental covenant, the approved Voluntary Property Assessment Report and draft environmental covenant will be placed on public notice for a period of 30 days before final approval of the conclusions and recommendations set forth herein.

Upon execution of the environmental covenant by ADEM and Pelham New Day, LLC, Bullock will deliver a *Certification of Compliance* to ADEM on behalf of Pelham New Day, LLC and request a *Letter of Concurrence* to formalize the conclusion of the Alabama VCP process.

7.0 REFERENCE MATERIALS

Bullock referenced the following sources during the preparation of this report.

1. USGS 7.5-minute Topographic Quadrangle *Helena, Alabama*, dated 2018.
2. Phase I Environmental Site Assessment, ECS, dated March 26, 2026.
3. Targeted Site Assessment, ECS, dated May 15, 2026.
4. GSA *Geologic Map of Alabama, Special Map 220*, dated 1988.
5. Soil Survey Staff, NRCS, USDA. Web Soil Survey. Available online at http://websoilsurvey.nrcs.usda.gov.
6. AEIRG (revised February 2017).
7. EPA Regional Screening Levels (November 2024).
8. Laboratory analytical reports from Pace Analytical Laboratory.
9. Prevalence and Source Tracing of PFAS in Shallow Groundwater Used for Drinking Water in Wisconsin, USA, American Chemical Society, November 2, 2023.

TABLES

FIGURES



Table 1
Summary of Detected Constituents in Soil
Anthony's Pelham Carwash
2941 Pelham Parkway
Pelhem, Shelby County, Alababama
Bullock Environmnental, LLC Project #: 26-LIVD01

SAMPLE ID			B-1	MW-1	MW-1	MW-2	MW-2	MW-3	MW-3	MW-4	MW-4
DEPTH BLS			4-5	1-5	10-15	1-5	10-15	1-5	5-10	1-5	5-10
DATE COLLECTED			4/28/26	07/02/26	07/02/26	07/02/26	07/02/26	07/02/26	07/02/26	07/02/26	07/02/26
METHOD	ANALYTE	Industrial RSL (mg/kg)	Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	p-Isopropyltoluene	**110**	NS	<0.00752	<0.00920	<0.00824	<0.00760	**0.0213**	<0.00788	**<0.00717**	<0.00753
8260B	Toluene	**4700**	NS	<0.00752	<0.00920	<0.00824	<0.00760	**0.0117**	<0.00788	**<0.00717**	<0.00753
8260B	Remaining VOCs	**CS**	NS	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
1633	Perfluorobutanoic Acid (PFBA)	**1200**	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
1633	Perfluoropentanoic Acid (PFPeA)	**NE**	<RL	**0.000213**	<RL	<RL	<RL	<RL	<RL	<RL	<RL
1633	Perfluorobutanesulfonic Acid (PFBS)	**250**	<RL	**0.000106**	<RL	<RL	<RL	<RL	<RL	<RL	<RL
1633	Perfluorohexanoic Acid (PFHxA)	**410**	<RL	**0.000303**	<RL	<RL	<RL	<RL	<RL	<RL	<RL
1633	Perfluoropentanesulfonic Acid (PFPeS)	**NE**	<RL	**0.000064**	<RL	<RL	<RL	<RL	<RL	<RL	<RL
1633	Perfluoroheptanoic Acid (PFHpA)	**NE**	<RL	**0.000325**	<RL	<RL	<RL	<RL	<RL	<RL	<RL
1633	Perfluorohexanesulfonic Acid (PFHxS)	**16**	<RL	**0.000468**	**0.000076**	<RL	<RL	**0.000067**	<RL	<RL	<RL
1633	Perfluorooctanoic Acid (PFOA)	**0.000078**	<RL	**0.000827**	**0.000063**	**0.000079**	<RL	**0.000162**	<RL	**0.000069**	**5.9E-05**
1633	Perfluoroheptanesulfonic Acid (PFHpS)	**NE**	<RL	**0.000066**	<RL	<RL	<RL	<RL	<RL	<RL	<RL
1633	Perfluorononanoic Acid (PFNA)	**2.5**	<RL	<RL	<RL	**0.000087**	<RL	<RL	<RL	**0.000036**	<RL
1633	Perfluorooctanesulfonic Acid (PFOS)	**0.058**	<RL	**0.0018**	<RL	**0.00109**	<RL	**0.000303**	<RL	**0.000163**	<RL
1633	Perfluorodecanoic Acid (PFDA)	**0.0016**	<RL	<RL	<RL	**0.000158**	<RL	<RL	<RL	<RL	<RL
1633	Remaining PFAS compounds	**CS**	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL

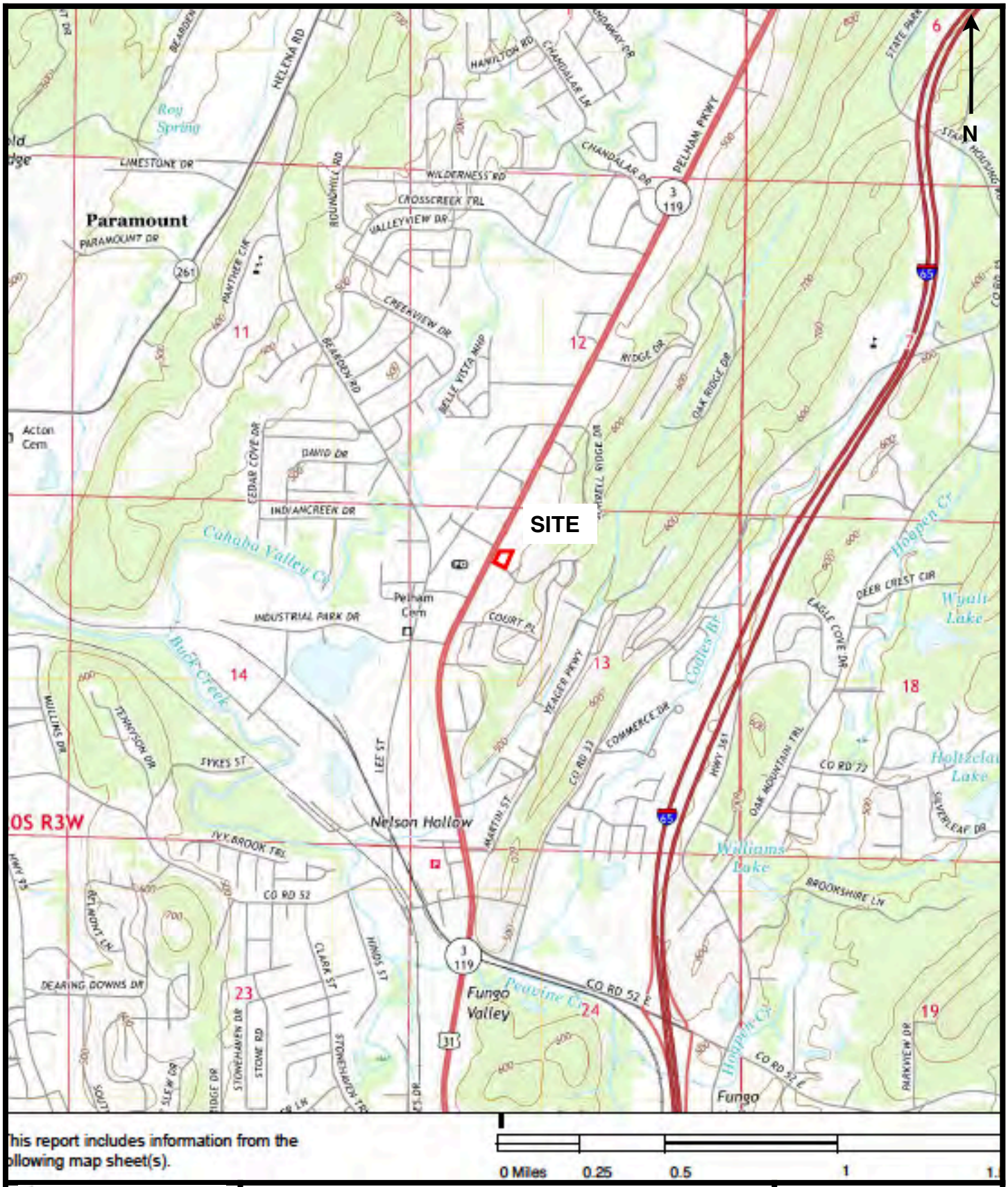
Notes:
Depth BLS = feet below land surface
All results in milligrams per kilogram (mg/kg).
VOCs=Volatile Organic Compounds
PFAS=Per- and Polyfluoroalkyl Substances
Only detected constituents are included in table.
EPA RSL (Industrial) = Regional Screening Level for soil in an industrial setting established by the Environmental Protection Agency (November 2024)
Bolded Cell = Detected Concentration

Table 2
Summary of Detected Constituents in Groundwater
Anthony's Pelham Carwash
2941 Pelham Parkway
Pelhem, Shelby County, Alababama
Bullock Environmnental, LLC Project #: 26-LIVD01

Client Sample ID				B-1
Date Collected				4/29/2026
Method	Analyte	MCL	**Tap Water RSL**	Result
8260B	2-Butanone	NE	0.56	**0.01**
8260B	4-Methyl-2-pentanone	NE	0.63	**0.0038**
8260B	Acetone	NE	1.8	**0.055**
8260B	VOCs	CS		BDL
1633	Perfluorobutanoic Acid (PFBA)	NE	1800	**31**
1633	Perfluoropentanoic Acid (PFPeA)	NE	NE	**29**
1633	Perfluorobutanesulfonic Acid (PFBS)	NE	600	**19**
1633	Perfluorohexanoic Acid (PFHxA)	NE	990	**48**
1633	Perfluoroheptanoic Acid (PFHpA)	NE	NE	**20**
1633	Perfluorohexanesulfonic Acid (PFHxS)	10	39	**7.3**
1633	Perfluorooctanoic Acid (PFOA)	4	0.0027	**69**
1633	Perfluorononanoic Acid (PFNA)	10	5.9	**4.1**
1633	Perfluorooctanesulfonic Acid (PFOS)	4	0.2	**6.3**
1633	Perfluorodecanoic Acid (PFDA)	NE	0.04	**1.3**
1633	Remaining PFAS compounds	CS		BDL

Notes:
VOC concentrations presented in milligrams per liter (mg/L), parts per million equivalent.
VOCs = Volatile Organic Compounds, other than those listed separately
PFAS listed in nanograms per liter (ng/L), parts per trillion
PFAS=Per- and Polyfluoroalkyl Substances
MCL = Maximum Contaminant Level (THQ 0.1) established by Environmental Protection Agency (EPA) Region 9 (November 2024)
RSL = Regional Screening Level for Tapwater (THQ 0.1) established by EPA Region 9 (November 2021)
CS = MCLs/RSLs are Constituent-Specific
Bolded Cell = Detected concentration but below EPA MCL/RSL
Highlighted/bolded cells = Concentration exceeds corresponding EPA MCL/RSL
BDL = Below Detection Limits
NS=Not sampled due to insufficient water in monitoring well

FIGURES



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PROJECT

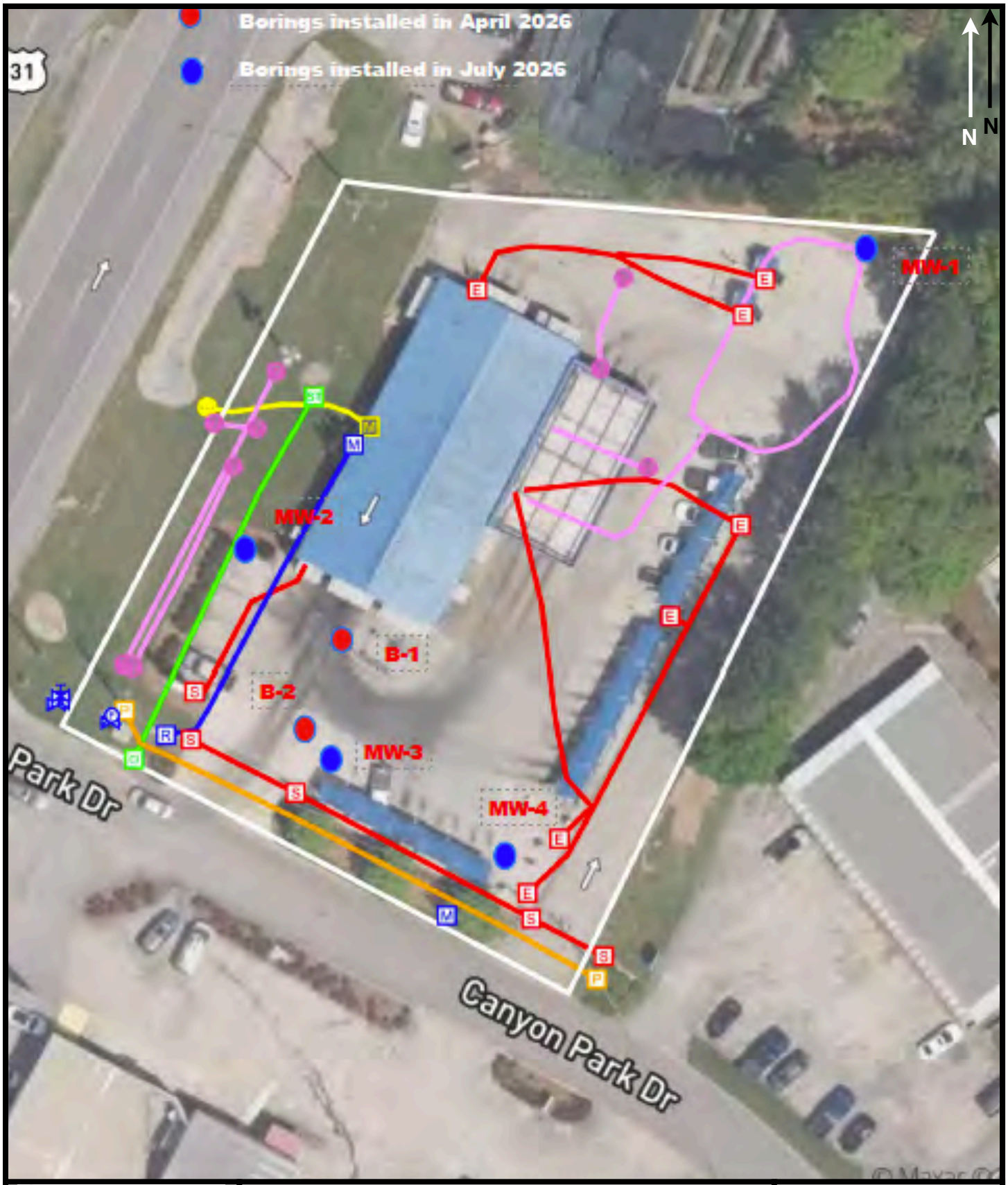
VOLUNTARYPROPERTY ASSESSMENT REPORT
ANTHONY'S PELHAM CARWASH
2941 PELHAM PARKWAY
PELHAM, SHELBY COUNTY, ALABAMA
BULLOCK ENVIRONMENTAL, LLC PROJECT #: 26-LIVD01

FIGURE 1

SITE LOCATION MAP

USGS 7.5-MINUTE
TOPOGRAPHIC QUADRANGLE
HELENA, ALABAMA,
DATED 2018

SCALE:1:24,000



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PROJECT

VOLUNTARYPROPERTY ASSESSMENT REPORT
ANTHONY'S PELHAM CARWASH
2941 PELHAM PARKWAY
PELHAM, SHELBY COUNTY, ALABAMA
BULLOCK ENVIRONMENTAL, LLC PROJECT #: 26-LIVD01

FIGURE 2

SITE PLAN WITH UTILITY LOCATIONS

SCALE: 1" =APPROX. 50 FEET



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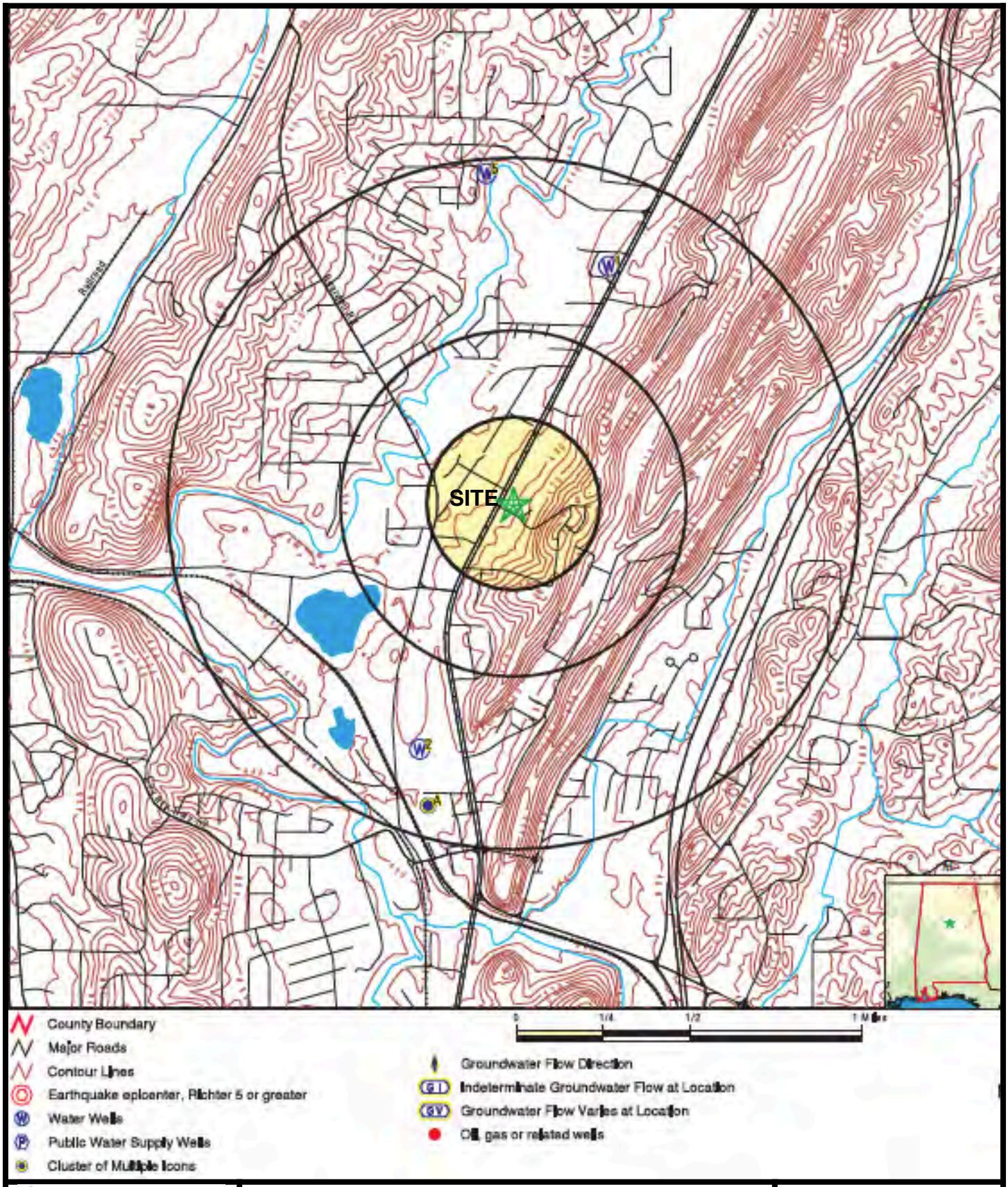
PROJECT

VOLUNTARYPROPERTY ASSESSMENT REPORT
ANTHONY'S PELHAM CARWASH
2941 PELHAM PARKWAY
PELHAM, SHELBY COUNTY, ALABAMA
BULLOCK ENVIRONMENTAL, LLC PROJECT #: 26-LIVD01

FIGURE 3

AREA LAND USE MAP

SCALE: 1"= APPROX. 150'



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PROJECT

VOLUNTARYPROPERTY ASSESSMENT REPORT
ANTHONY'S PELHAM CARWASH
2941 PELHAM PARKWAY
PELHAM, SHELBY COUNTY, ALABAMA
BULLOCK ENVIRONMENTAL, LLC PROJECT #: 26-LIVD01

FIGURE 4

WATER WELL INVENTORY MAP

SCALE: AS SHOWN



PFOA=Perfluorooctanoic Acid (PFOA)
<RL=Below laboratory reporting limits/screening levels
NS=Not Sampled

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PROJECT

VOLUNTARYPROPERTY ASSESSMENT REPORT
ANTHONY'S PELHAM CARWASH
2941 PELHAM PARKWAY
PELHAM, SHELBY COUNTY, ALABAMA
BULLOCK ENVIRONMENTAL, LLC PROJECT #: 26-LIVD01

FIGURE 5

CHEMICALS OF CONCERN
IN SOIL

SCALE: APPROX. 1" = 1,800 FT

APPENDIX A

PREVIOUS SITE INVESTIGATION REPORTS

TARGETED SITE ASSESSMENT

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ANTHONY'S PELHAM PARKWAY SITE
2941 PELHAM PARKWAY
PELHAM, SHELBY COUNTY, ALABAMA

ECS PROJECT NO. 491:2107-B

FOR

LIV DEVELOPMENT

MAY 15, 2026

May 15, 2026

Mr. Paden Gaines
LIV Development
2204 Lakeshore Drive
Suite 450
Birmingham, Alabama 35209
paden@livdev.com

ECS Project No. 491:2107-B

Reference: Targeted Site Assessment, Anthony's Pelham Parkway Site, 2941 Pelham Parkway, Pelham, Alabama

Dear Mr. Gaines:

ECS Southeast, LLC (ECS) is pleased to provide you with the results of the Targeted Site Assessment for the above-referenced site. Our services were provided in general accordance with ECS Proposal No. 491:3577P R1 authorized on April 24, 2026.

ECS appreciates the opportunity to assist you with this project. If you have any questions or comments regarding this report, or any other aspect of the project, please contact us at the numbers below.

Respectfully submitted,

ECS Southeast, LLC

Signature for Zach Windham
Zach Windham
Environmental Staff Project Manager
zwindham@ecslimited.com
864-987-1610

Signature for Nicholas Macie, PE
Nicholas Macie, PE
Environmental Associate Principal
nmacie@ecslimited.com
770-590-1971

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TABLE OF CONTENTS

PAGE

1.0 PROJECT BACKGROUND 1

2.0 PRE-ASSESSMENT ACTIVITIES 1

3.0 PURPOSE AND SCOPE OF WORK 1

3.1 Soil Sampling 1

3.2 Groundwater Sampling 2

4.0 SOIL SAMPLING RESULTS 2

4.1 Per-and Polyfluoroalkyl Substances (PFAS) 2

5.0 GROUNDWATER SAMPLING RESULTS 2

5.1 Volatile Organic Compounds (VOCs) 3

5.2 Per-and Polyfluoroalkyl Substances (PFAS) 3

6.0 QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) RESULTS 3

7.0 SUMMARY AND CONCLUSIONS 3

8.0 LIMITATIONS 4

FIGURES 6

TABLES 9

TABLE OF APPENDICES

Appendix I: 811 Ticket

Appendix II: Boring Logs

Appendix III: Laboratory Report

Appendix IV: Laboratory Results Summary Table

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1.0 PROJECT BACKGROUND

The site is identified by Shelby County as Real Property Code 13 6 13 2 001 003.002 and owned by Anthony's Real Estate, LLC. The 1.0-acre, irregular-shaped site is improved with a single story, 6,500-square foot building, which is occupied by car wash. Additionally, a car wash tunnel, full service area, and self-service vacuum bay areas are present on-site. The remainder of the subject property is a concrete parking lot. The site location is shown on Figure 1.

ECS Southeast, LLC (ECS) completed a Phase I Environmental Site Assessment (ESA) at the site dated March 26, 2026 (ECS Project No. 491:2107). The Phase I ESA has revealed the following recognized environmental conditions (RECs) in connection with the site:

- A carwash establishment (Anthony's Full Service & Express Car Wash, 2941 Pelham Pkwy) has operated on the site for at least 29 years.
- A drycleaners establishment (Pelham Cleaners, 100 Canyon Park Drive) has operated on the southern adjoining property for at least 26 years.

2.0 PRE-ASSESSMENT ACTIVITIES

Prior to commencing with field activities, ECS contacted Alabama 811 (ticket #261111802; Appendix I) to locate/mark public underground utilities at the site. Required separation distances between subsurface activities and marked utilities (typically 30-inches) were maintained during the field activities.

In addition, ECS contracted with a private utility locating company, to utilize electromagnetic (EM) and ground penetrating radar (GPR) technologies in an effort to identify subsurface utilities that the 811 service may not have marked. Private utilities were not identified in the area of the borings.

Additionally, ECS prepared a site-specific health and safety plan (HASP). The HASP documented the known or suspected hazards, applicable personal protective equipment (PPE) for site personnel, and emergency response procedures. Prior to commencing field activities, ECS, its subcontractors, and applicable site personnel reviewed the site-specific HASP.

3.0 PURPOSE AND SCOPE OF WORK

The purpose of this Targeted Site Assessment was to collect soil and groundwater samples beneath the site to assess subsurface environmental conditions. This exploration was not designed or intended to be a comprehensive site assessment of environmental conditions beneath the site.

3.1 Soil Sampling

On April 28, 2026, ECS subcontracted a track-mounted Geoprobe® drill rig to advance soil borings at the site. Three (3) borings were proposed; however, due to inclement weather, only two (2) borings (B-1 and B-2) were able to be advanced, both to probe refusal depths of 30 feet below ground surface (ft bgs). The approximate boring locations are depicted on the attached boring location diagram (Figure 2).

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The Geoprobe® drill rig used a hydraulic hammer to push a steel rod with a clear PVC sleeve (macrocore tool) into the ground in 5-foot increments. The macrocore was then withdrawn from the ground and the sleeve removed containing a relatively undisturbed soil core. The sleeve was cut open allowing examination and sampling of the entire soil core. Discrete soils were screened in approximate 2.5-foot intervals throughout the depth of each boring with a Photoionization Detector (PID), which measured total volatile organic vapors emanating from the soils. PID readings are recorded in the attached boring logs (Appendix II).

In accordance with the proposal, one (1) soil sample was collected from boring B-1 and was placed in clean, laboratory provided containers, placed on ice, and dropped off at the testing laboratory on the day following sample collection. One soil sample was submitted under chain-of-custody protocol for laboratory analysis of Per-and polyfluoroalkyl substances (PFAS) per EPA Method 1633.

3.2 Groundwater Sampling

Temporary monitoring wells were installed in borings B-1 and B-2. The temporary wells were constructed of ten (10) feet of one-inch, machine-slotted PVC well screen placed at the bottom of the open boring, topped with solid riser pipe to the surface. Well B-2 was noted to be dry at the time of sampling, so a groundwater sample could not be collected. One (1) groundwater sample was collected from the temporary well installed in boring location B-1. The groundwater sample was collected using a peristaltic pump with dedicated down-well tubing. The groundwater sample was collected into clean, laboratory provided bottleware treated with appropriate preservative, packed on ice and shipped to the testing laboratory under chain-of-custody protocol. In accordance with the proposal, the groundwater sample B-1 was analyzed for PFAS per EPA Method 1633. Since B-2 was noted to be dry, sample B-1 was also analyzed for volatile organic compounds (VOCs) per EPA method 8260.

4.0 SOIL SAMPLING RESULTS

A total of one (1) soil sample was submitted for laboratory analysis. For comparison purposes, results were compared to the Environmental Protection Agency (EPA) Regional Screening Levels (RSLs) for Residential and Industrial Soil.

4.1 Per-and Polyfluoroalkyl Substances (PFAS)

Soil sample B-1 was analyzed for PFAS compounds. The results indicated the following:

- PFAS compounds were not detected at concentrations above their respective laboratory method detection limits (MDLs).

5.0 GROUNDWATER SAMPLING RESULTS

A total of one (1) groundwater sample was submitted for laboratory analysis. The results are summarized in the laboratory results summary tables (Table I), and the full laboratory results are provided in Appendix III. For comparison purposes, results were compared to the EPA RSL for Tap Water and the EPA Maximum Contamintant Level (MCL).

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5.1 Volatile Organic Compounds (VOCs)

Groundwater sample B-1 was analyzed for VOCs. The results indicated the following:

- **2-Butanone**, **4-Methyl-2-pentanone**, and **Acetone** were detected in groundwater sample B-1 at concentrations below the EPA RSLs for Tap Water. These constituents do not have established EPA MCLs.

5.2 Per-and Polyfluoroalkyl Substances (PFAS)

Groundwater sample B-1 was analyzed for PFAS. The results indicated the following:

- **Perfluorooctanoic acid (PFOA)** and **Perfluorooctanesulfonic acid (PFOS)** were detected in groundwater sample B-1 at concentrations exceeding the EPA RSLs for Tap Water and the EPA MCL.
- **Perfluorodecanoic acid (PFDA)** was detected in groundwater sample B-1 at concentrations exceeding the EPA RSL for Tap Water. This constituent does not have an established EPA MCL.
- Additional PFAS constituents were detected at concentrations below established comparison criteria, or do not have established comparison criteria at this time.

6.0 QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) RESULTS

A Field Blank (FB-1) and an Equipment Blank (EB-1) were analyzed for PFAS. The results indicated the following:

- PFAS constituents were not detected above their respective laboratory MDLs in samples FB-1 and EB-1. The laboratory MDLs for some constituents exceeded the EPA RSLs for Tap Water but were below the EPA MCLs and were below the concentrations reported in sample B-1.

A Trip Blank was analyzed for VOCs. The results indicated the following:

- VOCs were not detected at concentrations above their respective laboratory MDLs.

7.0 SUMMARY AND CONCLUSIONS

ECS' investigation summary, conclusions, and recommendations are discussed below.

Summary

On April 28 and 29, 2026, ECS oversaw the advancement of one (1) soil boring and attempted advancement of three (3) temporary groundwater boring locations across the site to assess potential impacts related to the identified RECs. One (1) soil sample was collected and submitted for laboratory analysis of PFAS.

One (1) temporary monitoring well was installed in boring B-1. Two additional well borings (B-2 and B-3) were attempted; however, well B-2 was noted to be dry and well B-3 could not be advanced due to inclement weather. One (1) groundwater sample was collected from the temporary monitoring well in boring B-1 and submitted for laboratory analysis of VOCs and PFAS compounds.

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The results of the soil and groundwater sampling indicated the following:

Soil Results:

- PFAS were not detected at concentrations above their respective laboratory MDLs.

Groundwater Results:

- 2-Butanone, 4-Methyl-2-pentanone, and Acetone were detected in groundwater sample B-1 at concentrations below the EPA RSLs for Tap Water. These constituents do not have established EPA MCLs.
- Perfluorooctanoic acid (PFOA) and Perfluorooctanesulfonic acid (PFOS) were detected in groundwater sample B-1 at concentrations exceeding the EPA RSLs for Tap Water and the EPA MCL.
- Perfluorodecanoic acid (PFDA) was detected in groundwater sample B-1 at concentrations exceeding the EPA RSL for Tap Water. This constituent does not have an established EPA MCL.

Conclusions & Recommendations

- ECS recommends you retain a copy of this report for your files.
- Based on the results of this assessment, ECS does not recommend further assessment of the soil and groundwater conditions at the site at this time.
- We understand the planned use of the site is continued operation of the current car wash, with some modifications to the current structure. Use of groundwater at the site is not planned at this time. If future soil disturbance is planned in areas not assessed as part of this investigation, additional soil sampling may be warranted to evaluate appropriate health and safety, handling, reuse, and/or disposal considerations. Depending on the nature and extent of future soil disturbance, preparation of a soil management plan may also be warranted. If future use of groundwater at the site is planned, additional groundwater sampling may be warranted to evaluate appropriate health and safety and/or use considerations.

8.0 LIMITATIONS

The conclusions presented within this report are based upon a reasonable level of investigation within normal bounds and standards of professional practice for a site in this particular geographic and geologic setting, and the areas of the site accessible for sampling.

The findings of this study are not intended to serve as an audit of health and safety or compliance issues pertaining to improvements or occupant activities on-site. Observations, conclusions, and recommendations pertaining to environmental conditions at the site are limited to conditions observed, depths sampled, and/or materials reviewed at the time this study was undertaken. No warranty, expressed or implied, is made with regard to the conclusions and recommendations presented within this report. Compensation for this investigation is not contingent upon results, and ECS has conducted this environmental soil sampling objectively without reference to any particular outcome desired by the client.

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This report is provided for the exclusive use of LIV Development. This report is not intended to be used or relied upon in connection with other projects or by other unidentified third parties. The use of this report by any undesignated third party or parties would be at such party's sole risk and ECS disclaims liability for any such third party use or reliance.

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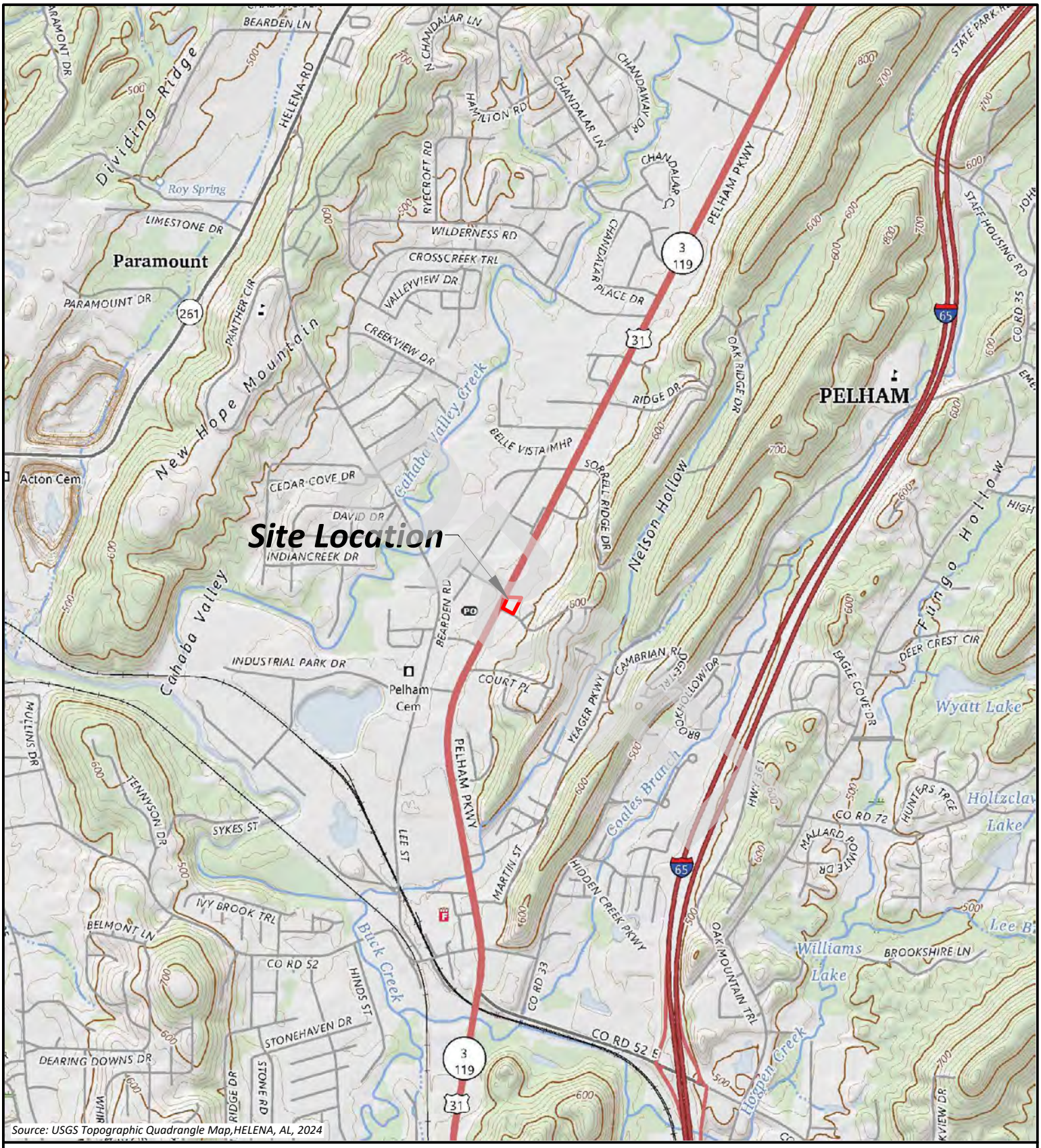
FIGURES



N

Scale

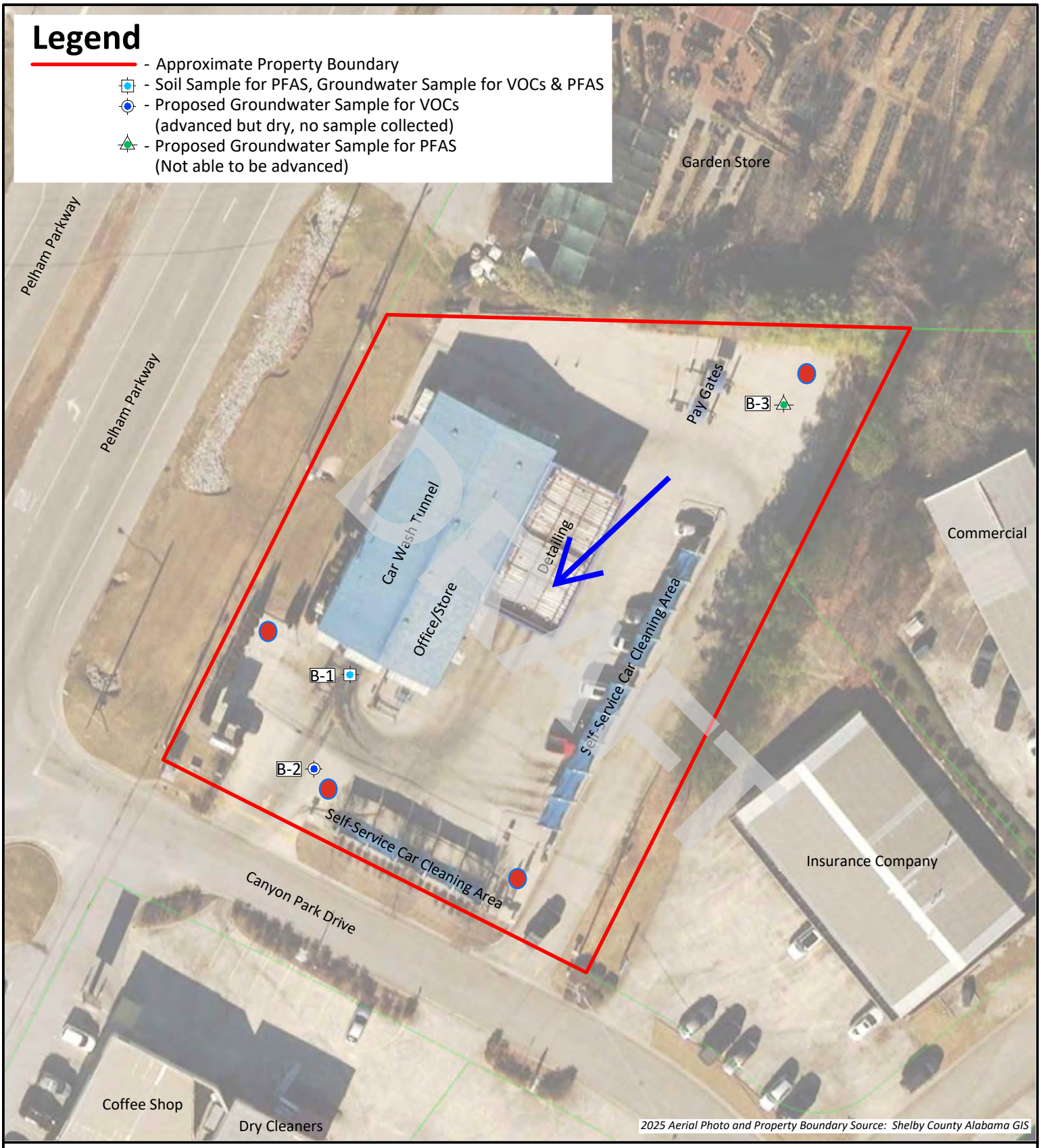
0 1000 2000

1 inch = 2000 ft.

Figure 1
Site Location Map

Anthony's Pelham Parkway
2941 Pelham Parkway
Pelham, Shelby County, AL 35124

ECS Project No. 491:2107



N

Scale

0 25 50

1 inch = 50 ft.

Figure 2
Sample Location Map

Anthony's Pelham Parkway
2941 Pelham Parkway
Pelham, Shelby County, AL 35124

ECS Project No. 491:2107

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TABLES

TABLE 1 - Summary of Groundwater Laboratory Analysis

Anthony's Pelham Parkway Site - Targeted Site Assessment
2941 Pelham Parkway
Pelham, Alabama 35124
ECS PROJECT # 491-2107-B

Sample ID	B-1	FB-1	EB-1	Trip Blank	Comparison Criteria	
Sample Date	4/29/2026	4/29/2026	4/29/2026	4/29/2026	EPA RSL for Tap Water (ug/L)	EPA MCL (ug/L)
Depth of Water ('bsg)	27.50	NA	NA	NA		
VOCs by EPA Method 8260						
2-Butanone	10 J	NA	NA	< 2.8	560	NE
4-Methyl-2-pentanone	3.8 J	NA	NA	< 3.2	630	NE
Acetone	55	NA	NA	< 4.0	1,800	NE
Remaining VOCs	BMDL	NA	NA	BMDL	VARIES	VARIES
					EPA RSL for Tap Water (ng/L)	EPA MCL (ng/L)
PFAS by EPA Method 1633						
Perfluorobutanoic acid (PFBA)	31	< 0.75	< 0.75	NA	1,800	NE
Perfluoropentanoic acid (PFPeA)	29	< 0.41	< 0.41	NA	NE	NE
Perfluorohexanoic acid (PFHxA)	48	< 0.34	< 0.34	NA	990	NE
Perfluoroheptanoic acid (PFHpA)	20 I	< 0.55	< 0.55	NA	NE	NE
Perfluorooctanoic acid (PFOA)	69 I	< 0.61	< 0.62	NA	0.0027	4
Perfluorononanoic acid (PFNA)	4.1	< 0.34	< 0.34	NA	5.9	10
Perfluorodecanoic acid (PFDA)	1.3 J	< 0.34	< 0.34	NA	0.004	NE
Perfluorobutanesulfonic acid (PFBS)	19	< 0.34	< 0.34	NA	600	NE
Perfluorohexanesulfonic acid (PFHxS)	7.3	< 0.55	< 0.55	NA	39	10
Perfluorooctanesulfonic acid (PFOS)	6.3	< 0.89	< 0.89	NA	0.2	4
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.6 J	< 0.68	< 0.68	NA	NE	NE
Remaining PFAS	BMDL	BMDL	BMDL	BMDL	VARIES	VARIES

Results for VOCs are shown in micrograms per liter (µg/L)
Results for PFAS are shown in nanograms per liter (ng/L)
Environmental Protection Agency (EPA) Regional Screening Levels (RSL) for Tap Water
< Method Detection Limit (MDL)
Total Petroleum Hydrocarbons (Aromatic Low) comparison criteria was used for TPH DRO as it has the lowest levels of detection listed among the TPH group.

Concentration exceeds the EPA RSL for Tap Water
Concentration exceeds the EPA MCL
Concentration exceeds the EPA RSL for Tap Water & EPA MCL

BMDL - below method detection limit
J - Estimated concentration above the method detection limit but below the laboratory reporting limit
I - Value is estimated maximum possible concentration
VOC - Volatile Organic Compounds
PFAS - per- and polyfluoroalkyl substances
NE - Not Established

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Appendix IV: Laboratory Results Summary Table

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TABLE 1 - Summary of Groundwater Laboratory Analysis

Anthony's Pelham Parkway Site - Targeted Site Assessment
2941 Pelham Parkway
Pelham, Alabama 35124
ECS PROJECT # 491-2107-B

Sample ID	B-1	FB-1	EB-1	Trip Blank	Comparison Criteria	
Sample Date	4/29/2026	4/29/2026	4/29/2026	4/29/2026	EPA RSL for Tap Water (ug/L)	EPA MCL (ug/L)
Depth of Water ('bsg)	27.50	NA	NA	NA		
VOCs by EPA Method 8260						
2-Butanone	10 J	NA	NA	< 2.8	560	NE
4-Methyl-2-pentanone	3.8 J	NA	NA	< 3.2	630	NE
Acetone	55	NA	NA	< 4.0	1,800	NE
Remaining VOCs	BMDL	NA	NA	BMDL	VARIES	VARIES
					EPA RSL for Tap Water (ng/L)	EPA MCL (ng/L)
PFAS by EPA Method 1633						
Perfluorobutanoic acid (PFBA)	31	< 0.75	< 0.75	NA	1,800	NE
Perfluoropentanoic acid (PFPeA)	29	< 0.41	< 0.41	NA	NE	NE
Perfluorohexanoic acid (PFHxA)	48	< 0.34	< 0.34	NA	990	NE
Perfluoroheptanoic acid (PFHpA)	20 I	< 0.55	< 0.55	NA	NE	NE
Perfluorooctanoic acid (PFOA)	69 I	< 0.61	< 0.62	NA	0.0027	4
Perfluorononanoic acid (PFNA)	4.1	< 0.34	< 0.34	NA	5.9	10
Perfluorodecanoic acid (PFDA)	1.3 J	< 0.34	< 0.34	NA	0.004	NE
Perfluorobutanesulfonic acid (PFBS)	19	< 0.34	< 0.34	NA	600	NE
Perfluorohexanesulfonic acid (PFHxS)	7.3	< 0.55	< 0.55	NA	39	10
Perfluorooctanesulfonic acid (PFOS)	6.3	< 0.89	< 0.89	NA	0.2	4
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.6 J	< 0.68	< 0.68	NA	NE	NE
Remaining PFAS	BMDL	BMDL	BMDL	BMDL	VARIES	VARIES

Results for VOCs are shown in micrograms per liter (µg/L)
Results for PFAS are shown in nanograms per liter (ng/L)
Environmental Protection Agency (EPA) Regional Screening Levels (RSL) for Tap Water
< Method Detection Limit (MDL)
Total Petroleum Hydrocarbons (Aromatic Low) comparison criteria was used for TPH DRO as it has the lowest levels of detection listed among the TPH group.

Concentration exceeds the EPA RSL for Tap Water
Concentration exceeds the EPA MCL
Concentration exceeds the EPA RSL for Tap Water & EPA MCL

BMDL - below method detection limit
J - Estimated concentration above the method detection limit but below the laboratory reporting limit
I - Value is estimated maximum possible concentration
VOC - Volatile Organic Compounds
PFAS - per- and polyfluoroalkyl substances
NE - Not Established

DRAFT

ENVIRONMENTAL SERVICES



ANTHONY'S PELHAM PARKWAY SITE

2941 PELHAM PARKWAY
PELHAM, ALABAMA 35124

ECS PROJECT NO. 491:2107

FOR: LIV DEVELOPMENT

MARCH 26, 2026

March 26, 2026

Wilson Moores
LIV Development
2204 Lakeshore Drive
Suite 450
Birmingham, Alabama 35209

ECS Project No. 491:2107

Reference: Phase I Environmental Site Assessment Report, Anthony's Pelham Parkway Site, 2941 Pelham Parkway, Pelham, Shelby County, Alabama 35124

Dear Mr. Moores:

ECS Southeast, LLC (ECS) is pleased to provide LIV Development with the results of our Phase I Environmental Site Assessment (ESA) for the referenced site. ECS's services were provided in general accordance with ECS Proposal No. 491:3211P authorized on February 26, 2026 and generally meet the requirements of ASTM E1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, and in accordance with EPA Standards and Practices for All Appropriate Inquiries contained in 40 CFR Part 312.

If there are questions regarding this report, or a need for further information, please contact the undersigned.

Sincerely,

ECS Southeast, LLC

Linah Turner-Chism
Environmental Assistant Staff Project Manager
LTurner-Chism@ecslimited.com
205-983-1775

Lauren Zysling, REM
Associate Environmental Principal
lzysling@ecslimited.com
803-250-3377

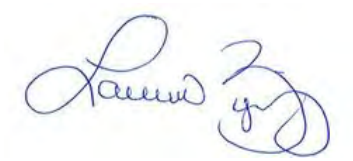
Report Summary

Anthony's Pelham Parkway Site
2941 Pelham Parkway
Pelham, Alabama 35124

Report Section		No Further Action	REC	CREC	HREC	BER	Comment
3.0	User Provided Information	✔					
4.1	Federal ASTM Databases	✔					
4.2	State ASTM Databases	✔					
4.3	Additional Environmental Record Sources		✔				A drycleaners establishment (Pelham Cleaners, 100 Canyon Park Drive) has operated on the southern adjoining property from 1998 and 2014.
5.0	Historical Use Information		✔				A carwash establishment, Anthony's Full Service & Express Car Wash Pelham, has historically operated on the subject property from 2000 to present.
6.0	Site and Area Reconnaissance	✔					
7.0	Additional Services	✔					
8.0	Interviews	✔					Not obtained or provided.

ENVIRONMENTAL PROFESSIONAL STATEMENT

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in § 312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



Lauren Zysling, REM
Associate Environmental Principal
March 26, 2026

TABLE OF CONTENTS

PAGE

EXECUTIVE SUMMARY **1**

1.0 INTRODUCTION **4**

1.1 Purpose and Reason for Performing Phase I ESA 4

1.2 Scope of Services 4

1.3 Definitions 5

1.4 Limitations 6

1.5 Data Gaps 7

1.6 Limiting Conditions/Deviations 7

2.0 SUBJECT PROPERTY DESCRIPTION **8**

2.1 Subject Property Location and Legal Description 8

2.2 Physical Setting and Hydrogeology 8

2.3 Current Use and Description of the Site 9

3.0 USER PROVIDED INFORMATION **10**

3.1 Title Information 10

3.2 Environmental Liens or Activity and Use Limitations 10

3.3 Specialized Knowledge 10

3.4 Commonly Known or Reasonably Ascertainable Information 10

3.5 Valuation Reduction for Environmental Issues 10

3.6 Owner, Property Manager, and Occupant Information 10

3.7 Degree of Obviousness 10

4.0 RECORDS REVIEW **11**

4.1 Federal ASTM Databases 13

4.1.1 Federal RCRIS - Generators 13

4.2 State ASTM Databases 13

4.2.1 Leaking Underground Storage Tank (LUST) List 14

4.2.2 Registered Underground Storage Tank (UST) List 14

4.3 Additional Environmental Record Sources 14

4.3.1 Additional Non-ASTM Federal Databases 14

4.3.1.1 Federal UST Finder Release 14

4.3.1.2 Federal UST Finder 15

4.3.2 Additional Non-ASTM State Databases 15

4.3.2.1 Manifest Information (MANIFEST) 15
4.3.3 Other Proprietary Databases 15
4.3.3.1 EDR Historical Cleaners 15
4.3.4 Unmapped (Orphan) Facilities and Sites 16
4.4 Regulatory Review Summary 16
5.0 HISTORICAL USE INFORMATION 18
5.1 Aerial Photograph Review 19
5.2 Sanborn Fire Insurance Map Review 20
5.3 Historical USGS Topographic Maps 21
5.4 City Directory Review 23
5.5 Property Tax Files 25
5.6 Recorded Land Title Records 25
5.7 Building Department Records 26
5.8 Zoning/Land Use Records 26
5.9 Previous Reports 26
5.10 Other Historical Sources 26
5.10.1 State Environmental Agency 26
5.10.2 Local Fire Department 26
5.11 Historical Use Summary 27
6.0 SITE AND AREA RECONNAISSANCE 28
6.1 Methodology 28
6.2 On-Site Features 28
6.2.1 Observed Geologic, Hydrogeologic, Hydrologic, and Topographic Conditions 28
6.2.2 Past Site Uses 28
6.2.3 Current Uses 28
6.3 Adjoining and Nearby Properties 32
6.4 Site and Area Reconnaissance Summary 32
7.0 ADDITIONAL SERVICES 34
8.0 INTERVIEWS 35
9.0 FINDINGS AND CONCLUSIONS 36
9.1 Findings and Opinions 36
9.2 Significant Data Gaps 37
9.3 De Minimis Conditions 37

9.4 Conclusions 37
9.5 Recommendations 38
10.0 REFERENCES 39

TABLE OF APPENDICES

Appendix I: Figures

Appendix II: Interviews, Correspondence and User Questionnaire

Appendix III: Regulatory Records Documentation

Appendix IV: Historical Research Documentation

Appendix V: Site Photographs

Appendix VI: Statement of Qualifications

Appendix VII: Acronyms

EXECUTIVE SUMMARY

ECS Southeast, LLC (ECS) was contracted by LIV Development to perform an ASTM International (ASTM) E1527-21, Phase I Environmental Site Assessment (ESA) of the Anthony's Pelham Parkway Site (i.e., subject property). This Executive Summary is an integral part of the Phase I ESA report. ECS recommends that the report be read in its entirety.

Subject Property Location Information

Subject Property/Project Name	Anthony's Pelham Parkway Site
Address	2941 Pelham Parkway, Pelham, Shelby County, Alabama 35124
Parcel Number	13 6 13 2 001 003.002
Site Area	1 acres
Current Development & Use	The subject property is developed with a single story car wash building comprising approximately 6,500 square feet. The building construction date is unknown.
Historical Use	The subject property has been undeveloped, wooded land from at least the 1890s until construction of the current commercial structure in the late 1990s. The subject property has been occupied by Anthonys Car Cleanup Inc, also listed as Anthonys Full Service & Express Car Wash, and Pelham Car Wash & Lube Inc. A drycleaning establishment, Pelham Cleaners, historically has occupied the nearest building to the subject property on the southern adjoining property since 1997 to present.
Adjacent Area Uses	North: Myers Plants & Pottery
	East: Allstate Insurance
	South: Victoria Plaza (includes Pelham Cleaners)
	West: Hwy 119 followed by Pelham Animal Clinic and Enterprise car rental

ECS performed a Phase I Environmental Site Assessment in general conformance with the scope and limitations of ASTM E1527-21 of the Anthony's Pelham Parkway Site located at 2941 Pelham Parkway, in Pelham, Shelby County, Alabama, the subject property. Any exceptions to, or deletions from, this practice are described in Section 1.6 of this report. This assessment has revealed the following

evidence of recognized environmental conditions (RECs), controlled recognized environmental conditions (CRECs), and/or historical recognized environmental conditions (HRECs) in connection with the subject property:

Recognized Environmental Condition (REC)	ECS identified the following REC in connection with the subject property: • A carwash establishment (Anthony's Full Service & Express Car Wash, 2941 Pelham Pkwy) has operated on the subject property for at least 29 years. • A drycleaners establishment (Pelham Cleaners, 100 Canyon Park Drive) has operated on the southern adjoining property for at least 26 years.
Controlled Recognized Environmental Conditions (CREC)	ECS did not identify evidence of CRECs in connection with the subject property.
Historical Recognized Environmental Conditions (HREC)	ECS did not identify evidence of HRECs in connection with the subject property.
Significant Data Gaps	ECS did not identify significant data gaps during the preparation of this Phase I ESA.

It is the opinion of ECS Southeast, LLC that additional environmental assessment of the subject property is warranted to further assess the property's environmental condition.

Table of Critical Dates

Item	Date
Report Issuance Date & Declaration by Environmental Professional	March 26, 2026
Date of Interview with Past and Present Owners and Occupants	Not obtained or provided
Date of Recorded Environmental Cleanup Lien/AUL Search	Not obtained or provided
Date of Government Record Review Report	March 3, 2026
Date of Visual Inspection of Subject and Adjoining Properties	March 20, 2026
Earliest Date of Interviews, Record Reviews, and Inspections	March 3, 2026
Report Viability Date	**August 30, 2026**

According to ASTM E1527-21: "...an environmental site assessment meeting or exceeding this practice is presumed to be viable when it is conducted within 180 days prior to the date of acquisition of the subject property (or, for transactions not involving an acquisition such as a lease or refinance, the date of the intended transaction). The dates of the components presented in 4.6.2(i), (iii), (iv), and (v) for interviews, review of government records, visual inspections, and declaration by environmental professional, shall be identified in the report. Completion of searches for recorded environmental cleanup liens (4.6.2(ii)) is a user responsibility; however, if the user has engaged the environmental professional to conduct these searches, then that date shall also be identified in the report." The 180-day viability period begins with the date of the earliest referenced resource noted above.

ECS was not contracted to obtain an *environmental liens* or *activity use limitations* report, nor have we been provided with transaction-related title insurance documentation to identify *environmental liens* or *activity use limitations*. Therefore, ECS presumes that a review of *environmental liens* or *activity use limitations* will be conducted by the User independently of this Phase I ESA as required for the User to qualify for innocent landowner, contiguous property owner, or bona fide prospective purchaser liability defenses under CERCLA and 40 C.F.R. 312.20/312.25. It is important to note that a review of land title records and judicial records for *environmental liens* and *activity use limitations* is not part of the standard scope of an ASTM E1527 Phase I ESA, and the validity of this Phase I ESA is not dependent upon receipt of land title records for *environmental liens* and *activity use limitations.*

1.0 INTRODUCTION

ECS was contracted by LIV Development to perform an ASTM E1527-21, Phase I ESA of the Anthony's Pelham Parkway Site located at 2941 Pelham Parkway in Pelham, Shelby County, Alabama (i.e., subject property). A Site Location Map is provided in Appendix I.

1.1 Purpose and Reason for Performing Phase I ESA

The purpose of the ESA was to:

- identify the presence or likely presence of hazardous substances and/or petroleum products in, on, or at the subject property due to a release (defined by 42 United States Code (USC) 9601.22) and/or likely release; or under conditions that pose a material threat of a future release in accordance with ASTM E1527-21. (Note: presence or likely presence of hazardous substances or petroleum in, on, or at the subject property may originate from onsite or offsite sources);
- conduct all appropriate inquiries as defined by ASTM E1527-21 and 40 Code of Federal Regulations (CFR) Part 312; and,
- provide a professional opinion regarding recognized environmental conditions (RECs), controlled recognized environmental conditions (CRECs), and historical recognized environmental conditions (HRECs), as defined by ASTM E1527-21, in, on, or at the subject property.

The ESA should allow the Users the opportunity to qualify for landowner liability protection under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) provided certain stipulations are met. The landowner liability protections are: an innocent landowner, a contiguous property owner, or a bona fide prospective purchaser. The User must meet the protection stipulations detailed in CERCLA to qualify as well as meet the User Obligations contained within the ASTM E1527-21 standard.

This ESA was requested by LIV Development in anticipation of a pending real estate transaction. Therefore, ECS understands that the purpose of the ESA is to perform all appropriate inquiries into the uses and prior ownership of the subject property as required for CERCLA limited liability defenses in accordance with 40 CFR Part 312, and/or provide information for financial/ business decisions related to the subject property.

1.2 Scope of Services

The environmental assessment was conducted in general accordance with ASTM E1527-21, which is in accordance with EPA Standards and Practices for All Appropriate Inquiry (40 CFR §312.10). The environmental assessment was conducted under the supervision or responsible charge of an individual who qualifies as an environmental professional, as defined in 40 CFR §312.10.

ECS was contracted by LIV Development to perform an ASTM E1527-21, Phase I Environmental Site Assessment (ESA) of Anthony's Pelham Parkway Site located at 2941 Pelham Parkway in Pelham, Shelby County, Alabama. ECS was not contracted to conduct additional services beyond the scope of a base ASTM E1527-21 Phase I ESA as part of this assessment.

1.3 Definitions

ASTM E1527-21 defines a "*recognized environmental condition (REC)*" as "(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment." For the purposes of this definition, "likely" is that which is neither certain nor proved, but can be expected or believed by a reasonable observer based on the logic and/or experience of the environmental professional, and/or available evidence, as stated in the report to support the opinions given therein.

ASTM E1527-21 defines a "*historical recognized environmental condition (HREC)*" as "a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations). A historical recognized environmental condition is not a recognized environmental condition."

ASTM E1527-21 defines a "*controlled recognized environmental condition (CREC)*" as "recognized environmental condition affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations)."

ASTM E1527-21 defines a "*business environmental risk (BER)*" as "a risk that can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of commercial real estate, not necessarily related to those environmental issues required to be investigated in this practice." This assessment does not include ASTM Non-Scope items or identify business environmental risks unless specifically requested by the Client, and included in Section 7.0 of this report.

ASTM E1527-21 defines a "*de minimis condition*" as "a condition related to a release that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. A condition determined to be a *de minimis* condition is not a recognized environmental condition nor a controlled recognized environmental condition."

ASTM E1527-21 indicates that findings are "...those features, activities, uses, and conditions that, in the judgment of the environmental professional, may indicate the presence or likely presence of hazardous substances or petroleum products at the subject property. Some findings, but not necessarily all findings, may be indicative of the presence of recognized environmental conditions, controlled recognized environmental conditions, historical recognized environmental conditions, or *de minimis* conditions. All parts of the assessment work in concert, and all information identified during the assessment should be evaluated in an aggregated manner." Findings identified through this assessment are presented in Section 9.1.

ASTM E1527-21 indicates that a hazardous substance is defined as "a hazardous substance pursuant to CERCLA 42 U.S.C. § 9601(14), as interpreted by EPA regulations and the courts: '(A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title, (C) any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of the Resource Conservation and Recovery Act of 1976 (RCRA), as amended, (42 U.S.C. § 6921) (but not including any waste the regulation of which under RCRA (42 U.S.C. § 6901 et seq.) has been suspended by Act of Congress), (D) any toxic pollutant listed under section 1317(a) of Title 33, (E) any hazardous air pollutant listed under section 112 of the Clean Air Act (42 U.S.C. § 7412), and (F) any imminently hazardous chemical substance or mixture with respect to which the Administrator (of EPA) has taken action pursuant to section 2606 of Title 15. The term does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).'"

1.4 Limitations

The ESA involved a reconnaissance of the subject property and contiguous properties and a review of regulatory and historical information in general accordance with the ASTM standard and EPA regulation referenced herein. Non-scope considerations or additional conditions such as asbestos, radon, wetlands, or suspected microbial growth were not assessed unless otherwise described in Section 7.0 of this report.

Note: Although potential vapor migration was considered as part of this ASTM E1527-21 Phase I ESA, the Phase I ESA was not intended to fully meet the requirements of the Vapor Encroachment Screen per the ASTM E2600 guide, which is beyond the scope of an ASTM E1527-21 Phase I ESA.

The conclusions and/or recommendations presented within this report are based upon a level of investigation consistent with the standard of care and skill exercised by members of the same profession currently practicing in the same locality under similar conditions. The intent of this assessment is to identify the potential for recognized environmental conditions in connection with the subject property; however, no environmental site assessment can completely eliminate uncertainty regarding the potential for recognized environmental conditions in connection with the subject property. The findings of this ESA are not intended to serve as an audit for health and safety compliance issues pertaining to improvements or activities at the subject property. ECS is not liable for the discovery or elimination of hazards that may potentially cause damage, accidents or injury.

Observations, conclusions and/or recommendations pertaining to environmental conditions at the subject property are necessarily limited to conditions observed, and or materials reviewed at the time this study was undertaken. It was not the purpose of this study to determine the actual presence, degree or extent of contamination, if any, at this subject property. This could require additional exploratory work, including sampling and laboratory analysis. No warranty, expressed or implied, is made with regard to the conclusions and/or recommendations presented within this report.

This report is provided for the exclusive use of LIV Development. This report is not intended to be used or relied upon in connection with other projects or by other unidentified third parties. The use of this report by any undesignated third party or parties will be at such party's sole risk and ECS disclaims liability for any such third party use or reliance. The use of this report is subject to the same terms, conditions and scope of work reflected in this report and the associated proposal.

1.5 Data Gaps

ASTM E1527-21 defines a "*data gap*" as: "a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information." A *"significant data gap"* is "a data gap that affects the ability of the environmental professional to identify a recognized environmental condition."

Use of the subject property was generally documented back to 1959. Historical use of the subject property prior to 1959 could not be discerned based on reasonably ascertainable records reviewed. The ASTM E1527-21 standard requires review of reasonably ascertainable historical resources to develop a history of previous uses of the subject property, adjoining properties, and surrounding area from 1940 or first developed use, at intervals not to exceed five years. Review of reasonably ascertainable historical sources for this assessment has identified gaps in the historical record that exceeded five years during which the use of the subject property could not be discerned, which is considered a data failure per ASTM E1527-21. Additionally, a completed Property Owner Questionnaire was not obtained. However, based on other information obtained, this data failure would not be expected to alter the findings of this ESA, and is not considered to be a significant data gap.

Other significant data gaps that would be expected to limit ECS's ability to identify RECs or render a professional opinion concerning the subject property were not identified during this assessment.

1.6 Limiting Conditions/Deviations

ASTM E1527-21 requires that the Environmental Professional identify limiting conditions, deletions, and deviations from the ASTM E1527-21 standard, if any, including client-imposed constraints.

Conditions that limited our ability to observe the subject property and/or identify RECs in, on, or at the subject property were not encountered while conducting this Phase I ESA.

The scope of this assessment was not intended to deviate from the ASTM E1527-21 Standard Practice unless otherwise noted within this report.

2.0 SUBJECT PROPERTY DESCRIPTION

A general description of the Subject Property is provided in the following Section. A Site Location Map is provided as **Figure 1**, a Topographic Map is provided as **Figure 2**, and a Site and Area Features Map is provided as **Figure 3** in Appendix I.

2.1 Subject Property Location and Legal Description

Property/Project Name	Anthony's Pelham Parkway Site
Property Address	2941 Pelham Parkway
Property City, State	Pelham, Alabama
Property County	Shelby County
Number of Parcel	One
Property ID Number	13 6 13 2 001 003.002
Property Size	1 Acre
Property Owner of Record	Anthony's Real Estate, LLC
Property Legal Description	Not obtained or provided

2.2 Physical Setting and Hydrogeology

United States Geological Survey (USGS) Topographic Map	
Quad Designation	Helena, Alabama 7.5-Minute
Date	2024
Physical Settings	
Geologic Province	Valley and Ridge
Average Subject Property Elevation (in feet or meters)	Approximately 480 feet above sea level (asl)
General Sloping Direction	West
Bodies of Water	None on the subject property. Nelson Hollow is located east and Cahaba Valley Creek is located west of the subject property.
Presumed Direction of Groundwater Flow	West

Presumed Hydrogeological Up-gradient Direction	East
General Directions of Surface Flow	West

Regional groundwater flow in the immediate vicinity of the subject property is presumed to be generally to the west, based on general topography within the vicinity of the subject property, and the location of the Cahaba Valley Creek to the west. Variances in hydrogeology and lithology may affect site-specific groundwater flow directions. Additionally, potential area influences such as microtopography, tidal changes, high-capacity wells, nearby dewatering activities, karst conditions, below-grade fill material, impermeable soils may impact site-specific groundwater flow directions. The actual groundwater flow direction cannot be determined without site-specific information obtained through the gauging of groundwater monitoring wells.

2.3 Current Use and Description of the Site

The subject property consists of an approximately 1-acre parcel that is currently developed with a one-story car wash building comprising approximately 6,500 square feet. Additionally, a car wash tunnel, a full service area, and self-service vacuum bays areas are present onsite. The remainder of the subject property is a concrete parking lot. The subject property is located in an area that can generally be described as comemrcial.

3.0 USER PROVIDED INFORMATION

The ASTM standard includes disclosure and obligations of the User to help the Environmental Professional identify the potential for recognized environmental conditions associated with the subject property. The ASTM E1527-21 User Questionnaire was submitted to and completed by Mr.Wilson Moores, representing LIV Development (User of the report). Section 3.0 is based on the completed User Questionnaire. A copy of the completed User Questionnaire is included in Appendix II.

3.1 Title Information

ECS was not provided with title information by the User. If this information is provided following the issuance of this report and information contained therein materially changes the outcome of this report, ECS will issue an addendum to this report.

3.2 Environmental Liens or Activity and Use Limitations

ECS was neither contracted to obtain information on environmental liens or activity and use limitations, nor have we been provided with information on environmental liens or activity and use limitations for our review. It should be noted by the User of this report that if the User does not obtain activity and use limitation information, the User that is seeking to qualify for an innocent landowner, a contiguous property owner, or a bona fide prospective purchaser liability defense may lose these rights to qualify under CERCLA.

3.3 Specialized Knowledge

The User indicated that they are in the same line of business as the subject property.

3.4 Commonly Known or Reasonably Ascertainable Information

The User indicated that the past use of the subject property was a car wash.

3.5 Valuation Reduction for Environmental Issues

According to the User, the purchase price being paid for the subject property reasonably reflects its fair market value.

3.6 Owner, Property Manager, and Occupant Information

The User indicated that Chris Serio is the property owner.

3.7 Degree of Obviousness

The User stated that they were not aware of obvious indicators of a presence or likely presence of contamination at the subject property.

4.0 RECORDS REVIEW

A regulatory records search of ASTM standard and supplemental databases was conducted for the subject property and is included in Appendix III. The regulatory search report in the appendix includes additional details about the regulatory databases that were reviewed. The regulatory records search involves searching a series of databases for facilities that are located within a specified distance from the subject property. The ASTM standard specifies an approximate minimum search distance from the subject property for each database. Pursuant to ASTM, the approximate minimum search distance may be reduced for each standard environmental record except for Federal NPL site list, and Federal RCRA TSD list. According to ASTM, government information obtained from nongovernmental sources may be considered current if the source updates the information at least every 90 days or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public. The following table indicates the standard environmental record sources and the approximate minimum search distances for each record.

Standard Environmental Record Sources	Approximate Minimum Search Distance Per ASTM (miles)	Subject Property	Off-Site Properties
Federal NPL	1.0	No	0
Federal Delisted NPL	0.5	No	0
Federal SEMS/ CERCLIS	0.5	No	0
Federal SEMS Archive/CERCLIS NFRAP	0.5	No	0
Federal RCRA CORRACTS	1.0	No	0
Federal RCRA non-CORRACTS TSD	0.5	No	0
Federal RCRA Generators	Subject Property and Adjoining Properties	No	One - South Adjoining Property
Federal IC/EC	Subject Property Only	No	N/A
Federal ERNS	Subject Property Only	No	N/A

Standard Environmental Record Sources	Approximate Minimum Search Distance Per ASTM (miles)	Subject Property	Off-Site Properties
State and Tribal Hazardous Waste Sites (Superfund Equivalent)	1.0	No	0
State and Tribal Hazardous Waste Facilities	0.5	No	0
State and Tribal Landfill and/or solid waste disposal sites	0.5	No	0
State and Tribal Leaking Tanks	0.5	No	Two
State and Tribal Registered UST and AST	Subject Property and Adjoining Properties	No	0
State and Tribal IC/ EC	Subject Property Only	No	N/A
State and Tribal Voluntary Cleanup (VCP)	0.5	No	0
State and Tribal Brownfield Sites	0.5	No	0

Based on our knowledge of the subject property and the surrounding area, ECS attempts to verify and interpret this data. While this attempt at verification is made with due diligence, ECS cannot guarantee the accuracy of the record(s) search beyond that of information provided by the regulatory report(s). ECS makes no warranty regarding the accuracy of the database report information included within the regulatory report(s).

The regulatory database search was performed by Environmental Data Resources (EDR), and their report is dated March 3, 2026. ECS did not modify the minimum ASTM search distances stipulated in the standard. The regulatory databases reviewed by ECS included supplemental databases researched by EDR. Additional information pertaining to database listings is provided within the EDR report in Appendix III.

4.1 Federal ASTM Databases

4.1.1 Federal RCRIS - Generators

RCRIS identifies facilities that generate hazardous wastes as defined by the RCRA. Very small quantity generators (VSQG) (previously identified as conditionally exempt small quantity generators or CESQGs) generate less than 100 kilograms of hazardous waste, or less than 1 kilogram of acutely hazardous waste, per month. Small quantity generators (SQGs) generate between 100 and 1,000 kilograms of hazardous waste per month. Large quantity generators (LQGs) generate more than 1,000 kilograms of hazardous waste or more than 1 kilogram of acutely hazardous waste per month.

The subject property did not appear on the RCRA database.

One off-site property within the minimum search distance of inquiry (adjoining properties) were reported by EDR as being on the Federal RCRIS Generators database. The database report identified four listings on the RCRA Generators database within 0.25 miles of the subject property. Two off-site properties within 0.25 miles of the subject property were reported as being on the RCRA Non-Generator (Non-Gen)/No Longer Regulated (NLR) database, which lists facilities that do not currently generate hazardous wastes but were previously tracked as generators. The following facility is discussed below:

> **Pelham Cleaners, 100 Canyon Park Drive.** This facility is a south adjoining property located approximately 100 feet south-southwest, within the Victoria Plaza. The facility is situated in the northernmost building of the plaza. This property is situated in a presumed cross-gradient hydrogeological position relative to the subject property. The facility is also listed in the RCRA-VSQG, FINDS, ECHO, and E MANIFEST databases. The facility is associated with EPA ID: ALR000008003 and the NAICS description identifies the facility as drycleaning and laundry services (except coin-operated) and linen supply. The facility was listed as a generator of waste of chromium (D007), lead (D008), tetrachloroethylene (D039), trichloroethylene (D040), and spent halogenated solvents (F002) between 1997 and 2004. The facility was reported transporting 15 to 40 gallons of toxic liquids organic NOS waste in metal drums, barrels, and/or kegs to an off-site facility by a contractor in 2011 and 2019. No state or federal violations have been reported in conjunction with this listing. Based on our review of reasonably ascertainable information, the topographic position, the distance relative to the subject property, and the type of waste generated, this database listing was considered to be a finding for this assessment.

ECS has reviewed the remaining listings reported by EDR on the RCRA Generators database. These off-site listings are reported more than 660 feet from the subject property. Based on the distance from the subject property and/or relative topographic position, the off-site listings were not considered findings in this assessment.

4.2 State ASTM Databases

4.2.1 Leaking Underground Storage Tank (LUST) List

The LUST list is a record of reported leaking underground storage tank incidents. The LUST list may also identify properties that have had soil and/or groundwater contamination associated with documented releases from aboveground storage tanks (ASTs), surface spills, and other sources.

The subject property did not appear on the State LUST database.

The database report identified two listings on the State LUST database within the designated search radius.

ECS has reviewed the listings reported by EDR on the State LUST database. These off-site listings are reported more than 1,970 feet from the subject property. Based on the distance from the subject property and/or relative topographic position, the off-site listings are not considered findings in this assessment.

4.2.2 Registered Underground Storage Tank (UST) List

The Registered UST List inventories underground storage tanks registered with the state. This list does not identify USTs that have not been registered or are exempt, such as home heating oil tanks and other unregulated tanks.

The subject property did not appear on the State UST database.

The database report identified no UST facilities within the ASTM-designated search radius (adjoining properties). The database report identified one off-site UST facilities within 0.25 miles of the subject property.

ECS has reviewed the off-site listing reported by EDR on the UST database. The off-site listings is reported more than 1,235 feet from the subject property. Based on the distance from the subject property and/or relative topographic position, the off-site listing was not considered a finding in this assessment.

4.3 Additional Environmental Record Sources

4.3.1 Additional Non-ASTM Federal Databases

4.3.1.1 Federal UST Finder Release

This database is maintained by the EPA, compiled from individual state reports of releases from USTs. In most cases, sites listed on the Federal UST Finder Release database are duplicates of sites listed on the state leaking petroleum storage tank databases.

The subject property did not appear on the Federal UST Finder Release database.

The database report identified two facilities within the ASTM-designated search radius on the Federal UST Finder Release database. These sites are duplicates of sites listed in the corresponding state database. The listed sites are previously discussed in Section 4.2.1 and Section 4.2.2 of this report.

4.3.1.2 Federal UST Finder

This database is maintained by the EPA, compiled from individual state UST directories. In most cases, sites listed on the Federal UST Finder database are duplicates of sites listed on the state UST databases.

The subject property did not appear on the Federal UST Finder database.

The database report identified no UST facilities within the ASTM-designated search radius (adjoining properties) on the Federal UST Finder database. The database report identified one off-site UST facility within 0.25 miles of the subject property. The listed site is discussed in Section 4.2.2 of this report.

4.3.2 Additional Non-ASTM State Databases

4.3.2.1 Manifest Information (MANIFEST)

The Manifest database contains information pertaining to hazardous waste manifest listings.

The subject property did not appear on the MANIFEST database.

The database report identified two listing(s on the MANIFEST database within the search radius utilized for this database. The following facility is discussed below:

Pelham Cleaners, 100 Canyon Park Drive. This facility is further discussed in Section 4.1.1 .

ECS has reviewed the remaining listings reported by EDR on the MANIFEST database. These other off-site listings are reported more than 560 feet from the subject property. Based on the distance from the subject property and/or relative topographic position, the remaining off-site listings were not considered findings in this assessment.

4.3.3 Other Proprietary Databases

4.3.3.1 EDR Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included but were not limited to dry cleaners, laundry, laundromat, cleaning/ laundry, wash & dry, etc.

The subject property did not appear on the EDR Historical Cleaners database.

The database report identified two listings on the EDR Historical Cleaners database within the search radius utilized for this database. The following facilities are discussed below:

Pelham Cleaners, 100 Canyon Park Drive. This facility is a south adjoining property located approximately 100 feet south-southwest, within the Victoria Plaza. The facility is situated in the northernmost building of the plaza. This property is situated in a presumed cross-gradient hydrogeological position relative to the subject property. The facility was listed as a Drycleaning Plant, Except Rugs between 1998 to 2014.

According to ADEM eFile regulatory database, the facility was closed from August 16, 2007 ato January 21, 2008 due to a fire. Review of inspection reports between 1997 and 2023, no violations were reported. This facility is further discussed in Section 4.1.1. Based on the proximity from the subject property, the topographic position, and the duration of operating as a dry cleaners, this database listing was considered to be a finding for this assessment.

Kims Cleaners, 2957 Pelham Pky. This facility is a south adjoining property located approximately 265 feet south-southwest, within the Victoria Plaza. The facility is situated in the southernmost building of the plaza. This property is situated in a presumed cross-gradient hydrogeological position relative to the subject property. The facility was listed as a Cleaners in 1995 and a Drycleaning Plant, Except Rugs in 1996. Based on the topographic position, the distance from the subject property, and the facility being located within the northernmost building of the plaza, it is ECS's opinion that this database listing is unlikely to result in a REC at the subject property, and therefore, is not considered to represent a finding for this assessment.

4.3.4 Unmapped (Orphan) Facilities and Sites

Unmapped (orphan) properties are those that cannot be geocoded because location information in a regulatory database is not a conventional address or the database has insufficient location information. The EDR database report identified no property on the Orphan Summary List. Based on reasonably ascertainable location information, the listed orphan site is likely too distant to indicate a likely presence of hazardous substances and/or petroleum products in, on, or at the subject property due to a release. Therefore, the listed orphan site is not considered as a finding for this assessment.

4.4 Regulatory Review Summary

A regulatory database search report was provided by EDR. The database search involves researching a series of Federal, State, Local, and other databases for facilities and properties that are located within specified minimum search distances from the subject property.

Subject Property: The subject property was not listed in ASTM standard environmental databases.

Off-site Listings: Off-site listings in the EDR database report that are identified as findings are listed below.

Pelham Cleaners, 100 Canyon Park Drive. This facility is a south adjoining property located approximately 100 feet south-southwest, within the Victoria Plaza. The facility is situated in the northernmost building of the plaza. This property is situated in a presumed cross-gradient hydrogeological position relative to the subject property. The facility was listed as a Drycleaning Plant, Except Rugs between 1998 to 2014.

According to ADEM eFile regulatory database, the facility was closed from August 16, 2007 ato January 21, 2008 due to a fire. Review of inspection reports between 1997 and 2023, no violations were reported. This facility is further discussed in Section 4.1.1. Based on the proximity from the subject property, the topographic position, and the duration of operating as a dry cleaners, this database listing was considered to be a finding for this assessment.

Other off-site listings of standard environmental database records reviewed were too distant relative to the subject property to indicate a likely presence of hazardous substances and/or petroleum products in, on, or at the subject property due to a release; therefore, are not identified as findings. Identified findings are discussed further in Section 9.0.

5.0 HISTORICAL USE INFORMATION

Historical Source Availability

Years	Aerial Photos	Fire Insurance Maps	USGS Topographic Maps	City Directories	Other Source	Comment
Pre-1940			1907			
1940-1944						
1945-1949						
1950-1954						
1955-1959			1959			
1960-1964						
1965-1969						
1970-1974			1970			
1975-1979			1975, 1978			
1980-1984						
1985-1989	1988		1986, 1988	1989		
1990-1994	1992			1992		
1995-1999	1997		1997	1995, 1996		
2000-2004				2000		
2005-2009	2006			2005		
2010-2014	2011		2014	2010, 2014		
2015-2019	2015, 2019		2018	2017		
2020-2024	2023		2020, 2024	2022, 2024		
2025-Present						

Copies of historical reports provided by EDR are included in Appendix IV.

5.1 Aerial Photograph Review

ECS reviewed aerial photographs of the subject property and immediately surrounding properties for evidence of former usage that may indicate potential environmental conditions. The aerial photographs were obtained from EDR. Aerial photographs dated prior to 1947 were not reasonably ascertainable for review. The ECS review is dependent on the quality and scale of the photographs.

- A drycleaning establishment, Pelham Cleaners, was located on the south adjoining property in 1997, 2006, 2011, 2015, 2019, and 2023.

The following is a description of relevant information from the aerial photographs:

Year(s)	Subject Property	Adjoining and Relevant Nearby Properties	Finding? (yes or no)
1947 and 1959	Undeveloped, wooded land.	North: Undeveloped, wooded land. East: Undeveloped, wooded land. South: A structure is present. West: Hwy 119 followed by undeveloped, grassed land. Minimal residential development north, south, and west.	No
1970, 1977, and 1981	No discernible changes from the previous image.	North: Similar to previous. East: Similar to previous. South: Similar to previous. West: Hwy 119 followed by a presumed commercial structure. Commercial development is initiated south and west. Residential development continues in the surrounding area.	No

Year(s)	Subject Property	Adjoining and Relevant Nearby Properties	Finding? (yes or no)
1988 and 1992		North: Similar to previous. East: Similar to previous. South: The current commercial structure is present. West: Vegetation density slightly increases. Commercial and residential development continues in the surrounding area.	No
1997	The current commercial structure is present on the subject property.	North: Undeveloped, grassed land with presumed parked vehicles. East: Several commercial structures are present. South: Commercial structures are present. West: The commercial structure remains. Woodland coverage increases.	Yes
2006	No discernible changes from the previous imagse.	North: A commercial structure is present. East: Similar to previous. South: Similar to previous. West: The previous structure remains. The remaining land is cleared for future development.	Yes
2011, 2015, 2019, and 2023		North: Similar to previous. East: Similar to previous. South: Similar to previous. West: Minimal vegetation coverage increases. Land is undeveloped, grassed land.	Yes

5.2 Sanborn Fire Insurance Map Review

In an effort to identify past uses, ECS utilized EDR to search for historical Sanborn™ Fire Insurance Maps (Sanborns) for the subject property and surrounding area. Sanborn maps were not available for this area. The absence of such maps generally indicates that the subject property is located in an

area where Sanborn maps were not produced because the area was rural or it was not economically feasible. ECS does not expect the lack of Sanborn maps to impact our ability to render a professional opinion concerning the subject property given the amount of historical information obtained from our research, the USGS topographic map, aerial photographs, city directories, and other historical records.

5.3 Historical USGS Topographic Maps

Topographic maps are produced by the USGS for various time periods. ECS reviewed topographic maps of the subject property and immediately surrounding properties for evidence of former usage that may indicate potential environmental conditions. The topographic maps were obtained from EDR. USGS topographic maps covering years produced in or after 2009 do not include a structural layer and, therefore, do not depict structures other than roadways and certain landmarks. Topographic maps dated prior to 1890 were not reasonably ascertainable for review.

The following is a description of relevant information from the topographic maps:

Year(s)	Subject Property	Adjoining and Relevant Nearby Properties	Finding? (yes or no)
1890 and 1892	Structures and general land uses are not depicted on these maps.	Structures and general land uses are not depicted on these maps. A road is depicted west of the subject property. The Benson Creek is depicted west.	No
1905 and 1907	Structures are not depicted indicating likely agricultural and/ or undeveloped land. The topography of the subject property slopes to the west.	Several residential structures are depicted in the surrounding area north, south, east, and west. A road is depicted west of the subject property. The Cahaba Valley Creek is depicted west of the subject property.	No

Year(s)	Subject Property	Adjoining and Relevant Nearby Properties	Finding? (yes or no)
1959	The subject property is shaded green indicated vegetated and/or undeveloped land. No structures are depicted on the subject property. The topographic features remain the same.	The surrounding area is shaded green indicating vegetated and/or undeveloped land. The topography of the north, east south, and west adjacent land slopes to the west. A commercial structure is depicted on the north and south adjoining properties. Additional residential structures are depicted in the surrounding area north, south, east, and west. Commercial structures are depicted north and south.	No
1970	No discernible changes from the previous map.	Additional commercial structures are depicted in the surrounding area north, east, south, and west.	No
1975	A 1975 aerial image is included. Similar to previous. No structures are depicted on the subject property.	A 1975 aerial image is included. Similar to previous. Additional commercial and residential structures are depicted in the surrounding area.	No
1978	Similar to the 1970 map. The topoographic features remain the same.	Similar to the 1970 map. Continued commercial and residential development is depicted in the surrounding area. The topographic features remain the same.	No
1986 and 1988	No discernible changes from the previous map.	Continued commercial and residential development is depicted in the surrounding area.	No

Year(s)	Subject Property	Adjoining and Relevant Nearby Properties	Finding? (yes or no)
1997	The subject property is shaded red indicating general urban development. Individual structures, other than landmarks, are not represented in urban shaded areas of topographic maps. No structures are depicted on the subject property. The topographic features remain the same.	The surrounding area is shaded red indicating general urban development. Individual structures, other than landmarks, are not represented in urban shaded areas of topographic maps. No structures are depicted on the north, east, south, and west adjacent properties.	No
2014	Most structures other than certain landmarks are not depicted on the USGS topographic maps generated during and after 2009. The topographic features remain the same.	Most structures other than certain landmarks are not depicted on the USGS topographic maps generated during and after 2009. An Interstate, State and US Routes, roads, and streets are identified/labeled. The topographic features remain the same.	No
2018, 2020, and 2024	Structures are not shown due to the structural layer not depicted. Similar to previous. The topographic features remain the same.	Structures are not shown due to the structural layer not depicted. Additional roads and streets are identified/labeled in the surrounding area. The topographic features remain the same.	No

5.4 City Directory Review

One of the ASTM standard historical sources to be reviewed for previous subject property uses is local street directories, commonly known as city directories. The purpose of the directory review is to identify past occupants of the subject property, adjoining properties, or nearby properties. In some rural areas, street directory information is limited.

ECS reviewed city directories obtained from EDR. The subject property address utilized for the research was 2941 Pelham Parkway. The directories reviewed prior to 1989 did not provide listings for the subject property or surrounding area. Directories dated prior to 1989 were not reasonably ascertainable for review.

- A car wash operated on the subject property between 2000 and 2024.

- Two dry cleaners operated on the south adjoining property. One facility (Kim's Cleaners**)** was listed in 1996, and the other facility (Pelham Cleaners) was listed between 2000 and 2024.

The following is a description of relevant information from the city directories:

Year(s)	Listed Occupants	Finding? (yes or no)
Subject Property (2941 Pelham Pkwy)		
2000	**Pelham Car Wash**	Yes
2005	**Pelham Car Wash & Lube Inc; Anthonys Car Clean Up**	Yes
2010 and 2014	**Anthonys Car Wash**	Yes
2017	**Pelham Car Wash & Lube Inc; Anthonys Car Clean Up**	Yes
2022	**Anthonys Full Service & Express Car Wash**	Yes
2024	**Anthonys Car Cleanup Inc; Pehlham Car Wash & Lube Inc; Anthonys Full Svc Ex Car Wash**	Yes
North Adjoining Property (2935 Pelham Pkwy)		
1992	Myers Plants & Pottery	No
1995, 1996, and 2000	Ryder Truck Rental Inc; Meyers Plants & Pottery	No
2005	Ryder Trs/Budget Truck Rental; Myers Plants & Pottery	No
2010 and 2014	Myers Plants & Pottery	No
2017	Myers Plants & Pottery Inc; Ryder Truck Rental Inc	No
2022	Myers Plants & Pottery; Ryder System	No
2024	Myers Plant & Pottery Inc	No
East Adjoining Property (109 Canyon Park Cir Suite A and 199 Canyon Park Dr)		
109 Canyon Park Cir Suite A - No Listings		
199 Canyon Park Dr		
2022	Standifer Insurance Group	No
South Adjoining Property (2948, 2951, and 2957 Pelham Pkwy and 100 Canyon Park Drive)		
2948, 2951, and 2957 Pelham Pkwy		
1989, 1992, and 1995	Various commercial occupants indicating a multi-use commercial structure. No key tenants.	No

Year(s)	Listed Occupants	Finding? (yes or no)
1996	**Kim's Cleaners**	Yes
2000, 2005, 2010, 2014, 2017. 2022, and 2024	Various commercial occupants indicating a multi-use commercial structure. No key tenants.	No
100 Canyon Park Drive		
2000 and 2005	**Pelham Cleaners**	Yes
2010	**Pelham Cleaners**; Chase Learning Center Infant Care	Yes
2014	**Pelham Cleaners**	Yes
2017	**Pelham Cleaners**; Chase Learning Center	Yes
2022 and 2024	**Pelham Cleaners**	Yes
West Adjoining Property (2930 and 2940 Pelham Pkwy) - No Listings		

5.5 Property Tax Files

Property tax files may include records of past ownership, appraisals, maps, sketches, photos, or other information kept by the local jurisdiction for property tax assessment purposes. According to the Shelby County tax assessor online information, the subject property is owned by Anthony's Real Estate, LLC. The subject property is listed as a 1-acre parcel with an identification number of 13 6 13 2 001 003.002. Additionally, the on-site building (construction year unknown) and contains 6,500 square feet of space.

The following prior ownership history was included in reasonably ascertainable tax records reviewed.

- Deed Book, dated July 3, 2014, Grantee: J S Lewis Properties LLC; Grantor: Anthonys Real Estate LLC

5.6 Recorded Land Title Records

Recorded land title records may include leases, land contracts, and AULs recorded by the local jurisdiction. Land title records may provide only a list of the names of previous owners and may be of limited use; however, they may provide useful information about uses or occupancy of the property when employed in combination with other sources.

ECS was not provided with land title records.

5.7 Building Department Records

The term building department records means those records of the local government indicating permissions of the local government to construct, alter or demolish improvements on the subject property.

ECS obtained a list of building permits from EDR via the Lightbox^{TM} Application. Building permits were not listed for the subject property.

5.8 Zoning/Land Use Records

The term zoning/land use records refers to records of the local government indicating the uses permitted by the government in particular zones within its jurisdictions. ECS reviewed zoning/land use records obtained from Pelgam Public Zoning Map. The subject property is currently zoned for General Business District (B-2) use.

5.9 Previous Reports

ECS was not provided with environmental or engineering assessment reports for the subject property completed by others, nor has ECS completed similar studies or prior assessments of the subject property.

5.10 Other Historical Sources

Other credible historical sources may be reviewed to identify past uses of the subject property. These sources may include websites, county or state road maps, historical society documents, or local library information. Copies of documents provided in response to these inquiries are included in Appendix II.

5.10.1 State Environmental Agency

ECS representative Ms. Linah Turner-Chism contacted the Alabama Department of Environmental Management (ADEM) to determine if they had historical information regarding spills, releases, cleanups, or other information regarding the subject property. A Freedom of Information Act request was submitted to ADEM on March 3, 2026. ECS received a response from ADEM on March 5, 2026, stating no records were found for the subject property.

5.10.2 Local Fire Department

The Pelham Fire Department was contacted to determine if they had historical information regarding environmental issues or responses at the subject property. A Freedom of Information Act request was submitted to the fire department on March 3, 2026. A response was not yet received at the time of the report completion. If information is received that changes the conclusions or recommendations of this report, ECS will forward the information to the Client.

ECS obtained a list of fire department incident reports from EDR via the Lightbox^{TM} Application. A gas leak of natural gas or liquefied petroleum gas (LPG) was reported in 2017.

5.11 Historical Use Summary

According to historical research, the subject property has been undeveloped, wooded land from at least the 1890s until construction of the current commercial structure in the late 1990s. Since development, the subject property has been occupied by Anthonys Car Cleanup Inc, also listed as Anthonys Full Service & Express Car Wash, and Pelham Car Wash & Lube Inc. A drycleaning establishment, Pelham Cleaners, historically has occupied the nearest building to the subject property on the southern adjoining property since 1997 to present.

The surrounding area developed gradually from primarily residential to commercial-residential starting in the early 1970s.

The following features, activities, uses, or conditions that represent findings identified in reasonably ascertainable historical records reviewed are presented below:

- A carwash establishment, Anthony's Full Service & Express Car Wash Pelham, has historically operated on the subject property from 2000 to present.
- A drycleaning establishment, Pelham Cleaners (100 Canyon Park Drive, Section 4.1.1 and Section 4.3.3.1), has historically operated on the south adjoining property from 1997 to present.
- A drycleaning establishment, Kim Cleaners (2957 Pelham Pky, Section 4.3.3.1**)**, operated on the south adjoining property from 1996 to 1997.

Findings are discussed further in Section 9.1.

6.0 SITE AND AREA RECONNAISSANCE

6.1 Methodology

Linah Turner-Chism of ECS conducted the field reconnaissance on March 20, 2026. ECS was unaccompanied during the site reconnaissance. The weather at the time of the reconnaissance was 81 degrees Fahrenheit and sunny. Observations were made from a walking reconnaissance around the perimeter, around the buildings, through the buildings, and along several transects across the subject property. Access or visibility limitations, if any, are discussed in Section 1.6. A site map is included in Appendix I. Subject property photographs are included in Appendix V.

6.2 On-Site Features

6.2.1 Observed Geologic, Hydrogeologic, Hydrologic, and Topographic Conditions

The surface grade of the subject property is relatively flat and generally slopes toward the south. Inlets or engineered stormwater drainage systems were not observed at the subject property. Stormwater at the subject property is handled via surface runoff to off-site stormwater sewer inlets.

6.2.2 Past Site Uses

During the site reconnaissance, ECS observed the subject property for evidence of past occupancy or usage that could indicate the presence of environmental concerns. Based on current site conditions observed during the site reconnaissance, ECS did not identify evidence of past uses or occupancy that would indicate the presence of a REC for the subject property.

6.2.3 Current Uses

The subject property is developed with the Anthony Full Service & Express Car Wash Pelham which contains a 6,500 square foot building, construction year is unknown. The building consists of a car wash tunnel, an equipment room, and two offices. The exterior of the subject property consists of concrete surface with two vacuum service areas covered by two canopies. The subject property receives municipal water and sanitary sewer services from Pelham Water Works. The building is heated with natural gas and cooled with electricity provided by Alabama Power.

The building contains two separate rooms, one office and one main office with an additional office, an equipment room, a break/storage room, and one car wash tunnel. ECS observed floor drains in the break/storage room and equipment room. A trench drain was observed in the car wash tunnel which reportedly discharges to the municipal sanitary sewer.

The equipment room contains a preparation unit system and water tank and pump unit housed along the western wall. One dry-type transformer was observed. Containers of cleaning solvents, gasoline containers, and hydraulic oil were observed situated on the concrete surface. Various containers and drums of hydraulic oil were observed. The hydraulic oil drums were not situated on a secondary containment or elevated surface. A minor spill in the vicinity of two hydraulic oil drums was observed.

The substance appeared consistent with a cleaning agent (e.g., soap), based on its bright coloration. White residue consistent with routine cleaning agents was observed throughout the equipment room and is considered d*e minimis.* Floor drains were observed throughout the room.

The mixed-use room is utilized as a breakroom and storage room, and contains a seating area and a washer. Drums storing cleaning solvents were observed. Most of the drums were labeled. A few drums were observed with no visible labels; labels may have been present on the opposite side. Containers of cleaning solvents, janitorial supplies, and vehicular supplies were observed stored on shelves and carts. A water heater tank was observed in the northwest corner. Floor drains were observed throughout the room. No staining was observed.

In the western office, a restroom and an engine oil container stored on a shelf was observed. No staining was observed.

The eastern main office contains a desk area, a waiting area, restrooms, a janitorial closet, and an additional office. Stored supplies in containers and shelves were observed in the additional office. No staining was observed.

A corner between the equipment room and car wash tunnel housed multiple water tanks for the water system. An unlabeled drum with presumed cleaning solvent was observed. No staining was observed.

On the exterior of the building, self-service vacuuming bays are located on the eastern and southern portion of the subject property. Staining was observed on the pavement in the self-service vacuum bays. The staining appears to have originated from petroleum residues associated with parked vehicles, residual detergent carried off vehicles exiting the car wash, and residual runoff and is considered d*e minimis.* A vacuum and blower system and a decommissioned car floor mat cleaner system were observed. No staining in the vicinity of these systems was observed. A few unlabeled drums were observed on the northern side of the building. A contained area on the western side of the building houses a compressor with a few stored drums and gasoline cans. Minimal corrosion was observed in the vicinity of the compressor. No staining was observed. Outside the contained area, empty gasoline cans were observed. No staining was observed in the vicinity of the cans.

The table below lists pertinent features of interest that were assessed for the subject property. Relevant information regarding pertinent features is discussed further in this section.

Feature	Yes	No
Hazardous Substances and Petroleum Products in Connection with Identified Uses	✔	
Hazardous Substance and Petroleum Product Containers Not in Connection with Identified Uses	✔	
Drums, Totes, and Intermediate Bulk Containers	✔	
Unidentified Substance Containers	✔	
Underground or Aboveground Storage Tanks	✔	

Feature	Yes	No
Strong, Pungent or Noxious Odors	✔	
Standing Surface Water and Pools or Sumps Containing Liquids Likely to be Hazardous Substances or Petroleum Products		✔
Known or Suspect PCB-containing Equipment	✔	
Stains or Corrosion to Floors, Walls or Ceilings	✔	
Stained Soil or Pavement		✔
Floor Drains and Sump Pumps	✔	
Pits, Ponds or Lagoons		✔
Stressed Vegetation		✔
Solid Waste Mounds or Non-natural Fill Materials		✔
Water/Wastewater Discharge	✔	
Groundwater Wells		✔
Septic Systems or Cesspools		✔
Hydraulic Equipment (Elevators, Lifts, Compactors, Etc.)		✔
Dry Cleaning		✔
Specialized Industrial Equipment		✔
Onsite Electrical Generators		✔
Oil-water Separators		✔

Hazardous Substances and Petroleum Products in Connection with Identified Uses

Several drums and other containers ranging from 2.5 and 55 gallons in size are located in the equipment room. The drums and containers appear to contain hydraulic oil and cleaning solvents . Containers of engine oil and janitorial supplies were observed stored on shelves in the eastern and western office. Additional janitorial and vehicular supplies were observed in the breakroom stored on carts. The observed drums, cans, and containers were situated on concrete surfaces. *De minimis* staining was observed on the ground surfaces in the vicinity of the hydraulic oil drums though the substance appears to be detergent.

Hazardous Substance and Petroleum Product Containers Not in Connection With Identified Uses

Several gas cans were observed in the equipment room and on the western side of the building. Staining was not observed on the containers and the ground surfaces in the vicinity of the containers.

Drums, Totes, and Intermediate Bulk Containers

Multiple drums were observed in the equipment room, the multi-use breakroom/storage room, the corner housing the water treatment, and the northern side of the building. The majority of the drums were labeled containing hydraulic oil and cleaning solvents. A few drums were observed with no visible labels; labels may have been present on the opposite side. Several drums were situated on a floor mat; however, the majority of the drums were not situated on a secondary containment or elevated surface. A d*e minimis* spill in the vicinity of two hydraulic oil drums was observed. The substance appeared consistent with a cleaning agent (e.g., soap), based on its bright coloration.

Unidentified Substance Containers

In the mixed-use room is utilized as a breakroom and storage room, a few drums were observed with no visible labels though labels may have been present on the opposite side. An unlabeled drum with presumed cleaning solvent was observed at the corner between the equipment room and car wash tunnel. A few unlabeled drums were observed on the northern side of the building. Staining was not observed.

Underground or Aboveground Storage Tanks

ASTs are located throughout the manufacturing buildings and boiler rooms. The ASTs located on the subject property are summarized below:

- 50-gallon electric water heater tank
- Multiple tanks ranging between 55 to 3,000 gallons used for storing water for the water tank system

Secondary containment was not located around the ASTs. Staining was not visible on the concrete surface near the ASTs at the time of our assessment.

Known or Suspect PCB-containing Equipment

A pole-mounted transformer is located west on the subject property. The transformer is owned and maintained by Alabama Power. One dry-type transformer was also observed in the equipment room of the car wash building. PCB or non-PCB stickers were not observed. Staining, which could be indicative of leakage, was not observed on the transformer or surfaces in the vicinity of the transformer.

Note that fluorescent light ballasts, caulk, paint, or other materials that may contain PCBs, and are located inside and are part of the building or structure, are outside the scope of this practice.

Stains or Corrosion to Floors, Walls or Ceilings

White residue consistent with routine cleaning agents was observed on the concrete surface throughout the equipment room. A d*e minimis* spill was observed in the equipment room in the vicinity of drums labeled for hydraulic oil. The substance appeared consistent with a cleaning agent (e.g., soap), based on its bright coloration. Minimal corrosion was observed in the vicinity of the compressor on the concrete surface in the contained area.

Stained Soil or Pavement

Staining was observed on the pavement in the self-service vacuum bays areas east and south of the subject property. The staining appears to have originated from petroleum residues associated with parked vehicles, residual detergent carried off vehicles exiting the car wash, and residual runoff. The staining is considered d*e minimis.*

Floor Drains and Sump Pumps

A floor trench drain runs the length of the car wash tunnel. Floor drains are located in the equipment room and breakroom. It is reported that the floor drains and trench drain discharge into the municipal sanitary sewer.

6.3 Adjoining and Nearby Properties

Contiguous and nearby properties were observed during a walking and vehicular reconnaissance of the subject property boundary and public places. The subject property is located in a commercial area of Pelham, Shelby County, Alabama.

Direction	Description	Relative Gradient	Finding? (yes or no)
North	Myers Plants & Pottery	Down-gradient	No
East	Allstate Insurance	Up-gradient	No
South	Victoria Plaza (includes **Pelham Cleaners**)	Cross-gradient	Yes
West	Hwy 119 followed by Pelham Animal Clinic and Enterprise car rental	Down-gradient	No

Pertinent features, activities, uses, or conditions that may indicate a REC was observed on adjoining or nearby properties during the site reconnaissance.

6.4 Site and Area Reconnaissance Summary

According to our observations of the subject and surrounding properties, the subject property is utilized for car washing services consisting of a one-story car wash building comprising approximately 6,500 square feet, a car wash tunnel, a full service area, and self-service vacuum bays areas are present onsite. Details pertaining to our on-site and off-site observations are referenced previously. The following findings (i.e. features, activities, uses, or conditions that may indicate a REC for the property) were identified during our on-site and off-site reconnaissance:

- A *de minimis* spill was observed in the operation room in the vicinity of drums labeled for hydraulic oil. The substance appeared consistent with a cleaning agent (e.g., soap), based on its bright coloration.

- A drycleaning establishment, Pelham Cleaners (100 Canyon Park Drive, Section 4.1.1. and Section 4.3.3.1), is located on the south adjoining property within the Victoria Plaza shopping center.

7.0 ADDITIONAL SERVICES

ASTM guidelines identify non-scope considerations, which are beyond the scope of this practice. Non-scope findings have the potential to be business environmental risks. Some of these non-scope considerations include asbestos-containing building materials, radon, lead-based paint, lead in drinking water, wetlands, and suspected microbial growth.

ECS was not contracted to assess non-scope considerations in conjunction with this assessment.

8.0 INTERVIEWS

ECS did not conduct an interview with an owner contact. The absence of an owner interview is considered to be a data gap for the Phase I ESA process. However, based on the historically undeveloped state of the property and information gained from other sources, the absence of an owner interview was not considered likely to affect our ability to render a professional opinion of the property's environmental quality.

9.0 FINDINGS AND CONCLUSIONS

9.1 Findings and Opinions

ECS identified the following **features, activities, uses, and/or conditions** during this assessment that warranted evaluation regarding the potential presence or likely presence of hazardous substances or petroleum products in, on, or at the subject property: (1) due to a release to the environment; (2) likely release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. Where applicable, findings were evaluated using reasonably ascertainable information collected. Discussions below include opinions of the findings and relevant information/rationale of the opinions:

Anthony's Full Service & Express Car Wash, 2941 Pelham Pkwy This facility is located on the subject property. The facility was not listed in any databases. The facility was listed in the city directories as a car wash in 2000, 2005, 2010, 2014, 2017, 2022, and 2024. No records were obtained on ADEM eFile database.

During the site visit, ECS observed a *de minimis* spill in the operation room in the vicinity of drums labeled for hydraulic oil. The substance appeared consistent with a cleaning agent (e.g., soap), based on its bright coloration, which is not characteristic of petroleum. Several drums were not stored on an elevated surface or secondary containment to prevent direct contact with the concrete surface in the event of a release. Based on the duration of the facility operating as a car wash (approximately 26 years), the environmental risks associated with car wash establishments, and the absence of documented environmental sampling during operation as a car wash, it is ECS's opinion that this database listing is likely to result in a REC at the subject property.

Pelham Cleaners, 100 Canyon Park Drive. This facility is a south adjoining property located approximately 100 feet south-southwest, within the Victoria Plaza. The facility is situated in the northernmost building of the plaza. This property is situated in a presumed cross-gradient hydrogeological position relative to the subject property. The facility is listed in the RCRA-VSQG, FINDS, ECHO, and E MANIFEST databases. The facility is associated with EPA ID: ALR000008003 and the NAICS description identifies the facility as drycleaning and laundry services (except coin-operated) and linen supply. The facility was listed on the EDR Historical Cleaners database as a Drycleaning Plant, Except Rugs between 1998 to 2014. The facility was listed as a generator of waste including but not limited to chromium (D007), lead (D008), and additional wastes between 1997 and 2004. The facility was reported transporting around 15 gallons of toxic liquids, organic NOS waste in metal drums, barrels, and/or kegs to an off-site facility by a contractor in 2019. No state or federal violations have been reported in conjunction with this listing.

According to ADEM eFile regulatory database, the facility was closed from August 16, 2007 to January 21, 2008 due to a fire. Review of inspection reports between 1997 and 2023, no violations were reported. Based on the proximity from the subject property, the topographic

position, the duration of operating as a dry cleaners (approximately 29 years), and the absence of documented environmental sampling during operation as a drycleaners, it is ECS's opinion that this database listing is likely to result in a REC at the subject property.

Kims Cleaners, 2957 Pelham Pky. This facility is a south adjoining property located approximately 265 feet south-southwest, within the Victoria Plaza. The facility is situated in the southernmost building of the plaza. This property is situated in a presumed cross-gradient hydrogeological position relative to the subject property. The facility was listed as a Cleaners in 1995 and a Drycleaning Plant, Except Rugs in 1996. Additional documents were not obtained. Based on the distance from the subject property, the limited duration of operation, and the lack of reported violations and release, it is ECS's opinion that this database listing is unlikely to result in a REC at the subject property.

9.2 Significant Data Gaps

ASTM E1527-21 defines a "*data gap*" as: "a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information." A *"significant data gap"* is "a data gap that affects the ability of the environmental professional to identify a recognized environmental condition." Significant data gaps that would be expected to impact our ability to render a professional opinion concerning the subject property were not identified.

9.3 De Minimis Conditions

The following *de minimis* conditions were identified by ECS during completion of this assessment:

- A minor spill was observed in the operation room in the vicinity of drums labeled for hydraulic oil. The substance appeared consistent with a cleaning agent (e.g., soap), based on its bright coloration.
- White residue consistent with routine cleaning agents was observed throughout the equipment room on the concrete surface and is considered d*e minimis.*
- Staining was observed on the pavement in the self-service vacuum bays areas east and south of the subject property. The staining appears to have originated from petroleum residues associated with parked vehicles, residual detergent carried off vehicles exiting the car wash, and residual runoff.

9.4 Conclusions

ECS performed a Phase I Environmental Site Assessment in general conformance with the scope and limitations of ASTM E1527-21 of the Anthony's Pelham Parkway Site located at 2941 Pelham Parkway, in Pelham, Shelby County, Alabama, the subject property. Any exceptions to, or deletions from, this practice are described in Section 1.6 of this report. This assessment has revealed the following evidence of recognized environmental conditions (RECs), controlled recognized environmental conditions (CRECs), and/or historical recognized environmental conditions (HRECs) in connection with the subject property:

Recognized Environmental Condition (REC)	ECS identified the following REC in connection with the subject property: • A carwash establishment (Anthony's Full Service & Express Car Wash, 2941 Pelham Pkwy) has operated on the subject property for at least 29 years. • A drycleaners establishment (Pelham Cleaners, 100 Canyon Park Drive) has operated on the southern adjoining property for at least 26 years.
Controlled Recognized Environmental Conditions (CREC)	ECS did not identify evidence of CRECs in connection with the subject property.
Historical Recognized Environmental Conditions (HREC)	ECS did not identify evidence of HRECs in connection with the subject property.
Significant Data Gaps	ECS did not identify significant data gaps during the preparation of this Phase I ESA.

9.5 Recommendations

It is the opinion of ECS Southeast, LLC that additional environmental assessment of the subject property is warranted to further assess the property's environmental condition.

10.0 REFERENCES

Alabama Department of Environmental Management (ADEM), eFile Database; Regulatory Files.

ADEM, FOIA Request, dated March 3, 2026.

ASTM E1527-21. Standard Practice for Environmental Site Assessment, Phase I Environmental Site Assessment Process.

EDR. Certified Sanborn® Map Report. March 3, 2026.

EDR. EDR Historical Topo Map Report. March 3, 2026.

EDR. The EDR Aerial Photo Decade Package. March 3, 2026.

EDR. The EDR-City Directory Abstract. March 3, 2026.

EDR. The EDR Radius Map™ Report with GeoCheck®. March 3, 2026.

Pelham Fire Department, FOIA Request, dated March 3, 2026.

Pelham Public Zoning Map.

Shelby County Alabama Parcel Viewer.

User Questionnaire completed by Wilson Moores with LIV Development, dated February 26, 2026.

Appendix I: Figures



Figure 1

Site Location Map
Anthony's Pelham Parkway Site
2941 Pelham Parkway
Pelham, Alabama 35124

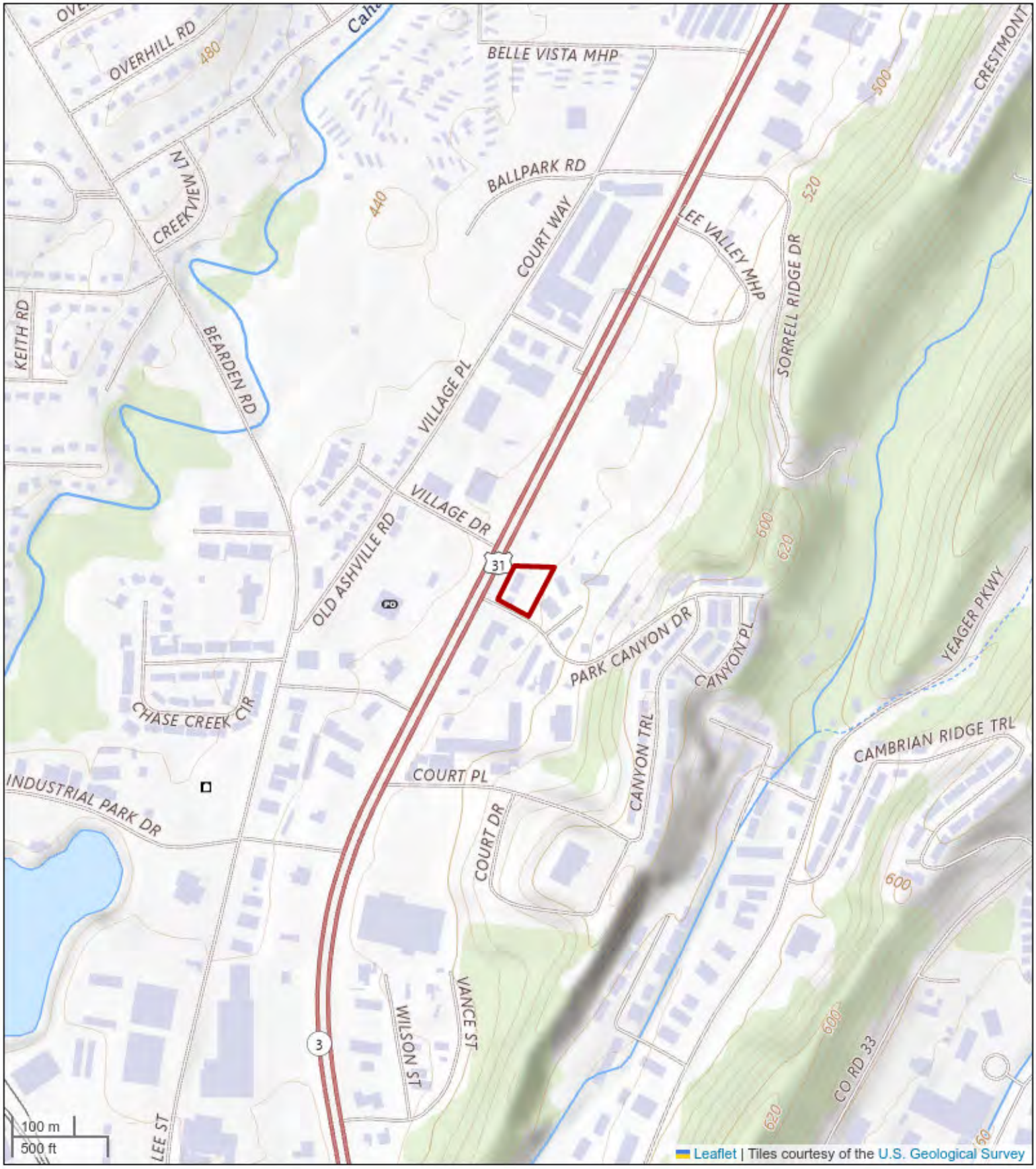


Figure 2

USGS Topographic Map
Anthony's Pelham Parkway Site
2941 Pelham Parkway
Pelham, Alabama 35124



Figure 3

Site and Area Features Map
Anthony's Pelham Parkway Site
2941 Pelham Parkway
Pelham, Alabama 35124

Appendix II: Interviews, Correspondence and User Questionnaire

Environmental Questionnaire for User

Completion required for conformance with ASTM E1527-21. Failure to provide this information may preclude CERCLA liability protections for the property purchaser. Please return answered form to ECS.

Site Name: Pelham

Name and Title of Person Completing Questionnaire (Please Print):

Wilson Moores, Director of Development

Signature of Person Completing Questionnaire:

Date: 2/26/26

Name of Your Company and Your Contact Number (Please Print):

LIV Development, LLC 205-994-1009

ASTM E1527-21 indicates that, "Either the user shall make known to the environmental professional the reason why the user wants to have the Phase I Environmental Site Assessment performed or, if the user does not identify the purpose of the Phase I Environmental Site Assessment, the environmental professional shall assume the purpose is to qualify for an LLP to CERCLA liability and state this in the report." As the user of this ESA, what is the reason for conducting the Phase I ESA? If this question is unanswered, ECS will assume that the user's reason for the ESA is to qualify for landowner liability protections to CERCLA liability.

Please state reason for having ESA performed: Due diligence for real estate acquisition

Will you provide Property Title Records and a Legal Description to ECS?

Please select one: **NO** ■ **YES** ☐

Will you provide a 50-year chain of title abstract to ECS?

Please select one: **NO** ■ **YES** ☐

Please Send Information Promptly

(1.) **Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).** Are you aware of any activity use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

Please select one: **NO** ☐ **YES** ☐
If yes, please explain: _____

(2.) **Specialized knowledge -** As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

Please select one: **NO** ☐ **YES** ☐
If yes, please explain: We are in the same line of business as the subject property.

(3.) **Commonly known or reasonably ascertainable information about the property (40 CFR 312.30).** Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example:

(a.) Do you know the past uses of the property?

Please select one: **NO** ☐ **YES** ☐
If yes, please state uses: Car wash

(b.) Do you know of specific chemicals that are present or once were present at the property?

Please select one: **NO** ☐ **YES** ☐
If yes, please explain: _____

(c.) Do you know of spills or other chemical releases that have taken place at the property?

Please select one: **NO** ☐ **YES** ☐
If yes, please explain: _____

(d.) Do you know of any environmental cleanups that have taken place at the property?

Please select one: **NO** ☐ **YES** ☐
If yes, please explain: _____

(4.) Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29). Does the purchase price being paid for this property reasonably reflect the fair market value of the property?

Please select one: **NO** ☐ **YES** ☐ **NA** ☐ **(not a purchase)**
If no, please explain: _____

If you are aware that there is a difference, is the lower purchase price because contamination is known or believed to be present at the property?

Please select one: **NO** ☐ **YES** ☐
If yes, please explain: _____

(5.) Parcel Property Owner(s) & Contact Number(s):

A. Chris Serio chris@anthonyscarwash.com 2052495918
B. _____
C. _____
D. _____

Property Manager and Occupant(s) & Contact Number(s)

Property Manager: _____
Occupant/Tenant: _____
Occupant/Tenant: _____

(6.) The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31). As the user of this ESA, based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?

Please select one: **NO** ☐ **YES** ☐
If yes, please explain: _____

Outlook

FOIA Request: 2941 Pelham Parkway, Pelham, Shelby County

From Linah Turner-Chism <LTurner-Chism@ecslimited.com>
Date Tue 3/3/2026 5:08 PM
To wgreene@pelhamalabama.gov <wgreene@pelhamalabama.gov>

Good evening,

ECS is currently gathering information for a Phase I Environmental Site Assessment for one parcel in Pelham, Shelby County, Alabama.

As part of the assessment, we are interested in files pertaining to building permits, fire/hazmat incident reports, environmental violations, and wells/septic system for a property at 2941 Pelham Parkway. Please let me know if you need any additional information.

Thank you,

LINAH TURNER-CHISM | LTurner-Chism@ecslimited.com
Environmental Asst Staff Project Manager
T 205.588.5099 **C** 205.983.1775

ECS SOUTHEAST, LLC
133 West Oxmoor Road, Suite 205, Birmingham, AL 35209

Confidential/proprietary message/attachments. Delete message/attachments if not intended recipient.

Outlook

[EXTERNAL] RE: FOIA Request: 2941 Pelham Parkway, Pelham, AL

From Records Review <records@adem.alabama.gov>
Date Thu 3/5/2026 9:51 AM
To Linah Turner-Chism <LTurner-Chism@ecslimited.com>

Good morning,

I was unsuccessful in locating records for the below request. Let me know if you have any questions.

Thank you,

Azure Rogers
ADEM—Permits & Services
(334) 271-7712

From: Linah Turner-Chism <LTurner-Chism@ecslimited.com>
Sent: Tuesday, March 3, 2026 5:04 PM
To: Records Review <records@adem.alabama.gov>
Subject: FOIA Request: 2941 Pelham Parkway, Pelham, AL

Good evening,

ECS is currently gathering information for a Phase I Environmental Site Assessment for one parcel in Pelham, Shelby County, Alabama.

As part of the assessment, we are interested in files pertaining to USTs/ASTs, hazardous materials, release, wells, septic systems, VCP/Brownfields, and groundwater and soil investigations.

Please let me know if you need any additional information.

Thank you,

LINAH TURNER-CHISM | LTurner-Chism@ecslimited.com
Environmental Asst Staff Project Manager
T 205.588.5099 **C** 205.983.1775

ECS SOUTHEAST, LLC
133 West Oxmoor Road, Suite 205, Birmingham, AL 35209

Confidential/proprietary message/attachments. Delete message/attachments if not intended recipient.

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To Records Review <records@adem.alabama.gov>

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Please let me know if you need any additional information.

Thank you,

LINAH TURNER-CHISM | LTurner-Chism@ecslimited.com
Environmental Asst Staff Project Manager
T 205.588.5099 **C** 205.983.1775

ECS SOUTHEAST, LLC
133 West Oxmoor Road, Suite 205, Birmingham, AL 35209

Confidential/proprietary message/attachments. Delete message/attachments if not intended recipient.

Appendix III: Regulatory Records Documentation

Anthonys Pelham Parkway Site
2941 Pelham Parkway
Pelham, AL 35124

Inquiry Number: 8268760.2s
March 03, 2026

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

LIGHTBOX LIVE

Open LightBox Live to access data, tools, and advanced analytics in one online platform.

http://www.web.edrnet.com/ordering/switchboard/login.aspx?s=goto_lightbox&pguid=11036DCF-EE2F-44E3-A269-CE0F751F9DA1

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	73
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-10
Physical Setting Source Map Findings	A-12
Physical Setting Source Records Searched	PSGR-1

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 23), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

2941 PELHAM PARKWAY
PELHAM, AL 35124

COORDINATES

Latitude (North):	33.3001520 - 33° 18' 0.54''
Longitude (West):	86.8086450 - 86° 48' 31.12''
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	517815.2
UTM Y (Meters):	3684386.8
Elevation:	476 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	50048008 HELENA, AL
Version Date:	2024

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year:	2023
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
2941 PELHAM PARKWAY
PELHAM, AL 35124

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	PELHAM CLEANERS INC	100 CANYON PARK DR	EDR Hist Cleaner	Higher	122, 0.023, SSW
A2	PELHAM CLEANERS	100 CANYON PARK DR	RCRA-VSQG, FINDS, ECHO, E MANIFEST, RI MANIFEST	Higher	122, 0.023, SSW
A3	KIMS CLEANERS	2957 PELHAM PKY	EDR Hist Cleaner	Higher	265, 0.050, SW
B4	CUSTOM PAINT & COLLI	201 VILLAGE DRIVE	E MANIFEST	Lower	559, 0.106, NW
B5	CUSTOM PAINT & COLLI	201 VILLAGE DRIVE	E MANIFEST	Lower	559, 0.106, NW
6	SHELBY PRINTING LLC	2969 PELHAM PARKWAY	RCRA-VSQG	Higher	666, 0.126, SSW
7	MATERIAL DELIVERY SE	2976 PELHAM PARKWAY	RCRA NonGen / NLR, FINDS, ECHO	Lower	1043, 0.198, SW
8	EXPRESS OIL CHANGE &	2874 US HIGHWAY 31 S	RCRA-VSQG, FINDS, ECHO	Lower	1069, 0.202, North
C9	LOADER SERVICES & EQ	319 BEARDEN ROAD	RCRA NonGen / NLR	Lower	1238, 0.234, West
C10	VULCAN TERMITE & PES	319 BEARDEN RD	UST FINDER	Lower	1238, 0.234, West
C11	BOBCAT LOADER SERVIC	319 BEARDEN RD	AL UST, AL Financial Assurance	Lower	1238, 0.234, West
D12	JACKS RADIATOR AND G	3017 PELHAM PARKWAY	AL LUST	Higher	1972, 0.373, SSW
D13	JACKS RADIATOR AND G	3017 PELHAM PARKWAY	UST FINDER RELEASE	Higher	1972, 0.373, SSW
E14	AL0014	3071 PELHAM PARKWAY	AL LUST, AL UST, AL Financial Assurance	Lower	2573, 0.487, SSW
E15	EXPRESSWAY SHELL STA	3071 PELHAM PARKWAY	UST FINDER, UST FINDER RELEASE	Lower	2573, 0.487, SSW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL ---------- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS ---------- Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-SQG ---------- RCRA - Small Quantity Generators

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROLS ---------- Institutional Controls Sites List

EXECUTIVE SUMMARY

Federal ERNS list

ERNS ---------- Emergency Response Notification System

Lists of state- and tribal hazardous waste facilities

AL SHWS ---------- Hazardous Substance Cleanup Fund

Lists of state and tribal landfills and solid waste disposal facilities

AL SWF/LF ---------- Permitted Landfills

Lists of state and tribal leaking storage tanks

AL LAST ---------- List of AST Release Incidents
INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

Lists of state and tribal registered storage tanks

FEMA UST ---------- Underground Storage Tank Listing
AL AST ---------- Aboveground Storage Tank Sites
INDIAN UST ---------- Underground Storage Tanks on Indian Land
AL TANKS ---------- Storage Tank Facilities Listing

State and tribal institutional control / engineering control registries

AL ENG CONTROLS ---------- Engineering Controls Site Listing
AL AUL ---------- Environmental Covenants
AL INST CONTROL ---------- Land Division Brownfields 128(a) Program Site Listing

Lists of state and tribal voluntary cleanup sites

AL VCP ---------- Cleanup Program Inventory
INDIAN VCP ---------- Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

AL BROWNFIELDS ---------- Land Division Brownfields 128(a) Program Site Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

AL SWRCY ---------- Recycling/Recovered Materials Processors Directory
INDIAN ODI ---------- Report on the Status of Open Dumps on Indian Lands
ODI ---------- Open Dump Inventory
DEBRIS REGION 9 ---------- Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS ---------- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

AL AOCONCERN ---------- Area of Concern

US HIST CDL ---- Delisted National Clandestine Laboratory Register
AL CDL ---- Clandestine Methamphetamine Lab Sites
US CDL ---- National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

AL HIST UST ---- Underground Storage Tank Information

Local Land Records

LIENS 2 ---- CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ---- Hazardous Materials Information Reporting System
AL SPILLS ---- Emergency Response Data

Other Ascertainable Records

FUDS ---- Formerly Used Defense Sites
DOD ---- Department of Defense Sites
SCRD DRYCLEANERS ---- State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ---- Financial Assurance Information
EPA WATCH LIST ---- EPA WATCH LIST
2020 COR ACTION ---- 2020 Corrective Action Program List
TSCA ---- Toxic Substances Control Act
TRIS ---- Toxic Chemical Release Inventory System
SSTS ---- Section 7 Tracking Systems
ROD ---- Records Of Decision
RMP ---- Risk Management Plans
RAATS ---- RCRA Administrative Action Tracking System
PRP ---- Potentially Responsible Parties
PADS ---- PCB Activity Database System
ICIS ---- Integrated Compliance Information System
FTTS ---- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS ---- Material Licensing Tracking System
COAL ASH DOE ---- Steam-Electric Plant Operation Data
COAL ASH EPA ---- Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ---- PCB Transformer Registration Database
RADINFO ---- Radiation Information Database
HIST FTTS ---- FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS ---- Incident and Accident Data
CONSENT ---- Superfund (CERCLA) Consent Decrees
INDIAN RESERV ---- Indian Reservations
FUSRAP ---- Formerly Utilized Sites Remedial Action Program
UMTRA ---- Uranium Mill Tailings Sites
LEAD SMELTERS ---- Lead Smelter Sites
US AIRS ---- Aerometric Information Retrieval System Facility Subsystem
US MINES ---- Mines Master Index File
ABANDONED MINES ---- Abandoned Mines
MINES MRDS ---- Mineral Resources Data System
DOCKET HWC ---- Hazardous Waste Compliance Docket Listing
UXO ---- Unexploded Ordnance Sites
FUELS PROGRAM ---- EPA Fuels Program Registered Listing

EXECUTIVE SUMMARY

PFAS NPL Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES Federal Sites PFAS Information
PFAS TRIS List of PFAS Added to the TRI
PFAS TSCA PFAS Manufacture and Imports Information
PFAS RCRA MANIFEST PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR PFAS Contamination Site Location Listing
PFAS WQP Ambient Environmental Sampling for PFAS
PFAS NPDES Clean Water Act Discharge Monitoring Information
PFAS PROJECT NORTHEASTERN UNIVERSITY PFAS PROJECT
PFAS ECHO Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAIN Facilities in Industries that May Be Handling PFAS Listing
PFAS PT 139 AIRPORT All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC Aqueous Foam Related Incidents Listing
BIOSOLIDS ICIS-NPDES Biosolids Facility Data
AL PFAS PFAS Contamination Site Listing
AL AQUEOUS FOAM Aqueous Film Forming Foam Release Investigations
AL COAL ASH Coal Ash Disposal Sites
AL DRYCLEANERS Drycleaner Facility Listing
AL NPDES NPDES Permit Listing
AL TIER 2 Tier 2 Data Listing
AL UIC UIC Listing

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP EDR Proprietary Manufactured Gas Plants
EDR Hist Auto EDR Exclusive Historical Auto Stations

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

AL RGA HWS Recovered Government Archive State Hazardous Waste Facilities List
AL RGA LUST Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal RCRA generators

RCRA-VSQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 11/30/2025 has revealed that there are 3 RCRA-VSQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PELHAM CLEANERS EPA ID:: ALR000008003	***100 CANYON PARK DR***	***SSW 0 - 1/8 (0.023 mi.)***	***A2***	***8***
SHELBY PRINTING LLC EPA ID:: ALR000030924	2969 PELHAM PARKWAY	SSW 1/8 - 1/4 (0.126 mi.)	6	24

Lower Elevation	Address	Direction / Distance	Map ID	Page
EXPRESS OIL CHANGE & EPA ID:: ALR000018598	***2874 US HIGHWAY 31 S***	***N 1/8 - 1/4 (0.202 mi.)***	***8***	***31***

Lists of state and tribal leaking storage tanks

AL LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Management's Leaking Underground Storage Tank Listing.

A review of the AL LUST list, as provided by EDR, and dated 10/31/2025 has revealed that there are 2 AL LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JACKS RADIATOR AND G Facility ID: 000000	3017 PELHAM PARKWAY	SSW 1/4 - 1/2 (0.373 mi.)	D12	55

Lower Elevation	Address	Direction / Distance	Map ID	Page
AL0014 Facility ID: 001286	***3071 PELHAM PARKWAY***	***SSW 1/4 - 1/2 (0.487 mi.)***	***E14***	***56***

Lists of state and tribal registered storage tanks

AL UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Management's UST Data with Owner/Site/Tank Information database.

A review of the AL UST list, as provided by EDR, and dated 10/08/2025 has revealed that there is 1 AL UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BOBCAT LOADER SERVIC Facility ID: 16344 117 14242	***319 BEARDEN RD***	***W 1/8 - 1/4 (0.234 mi.)***	***C11***	***52***

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 11/30/2025 has revealed that there are 2 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MATERIAL DELIVERY SE EPA ID:: ALR000013185	***2976 PELHAM PARKWAY***	***SW 1/8 - 1/4 (0.198 mi.)***	***7***	***27***
LOADER SERVICES & EQ EPA ID:: ALR000071274	319 BEARDEN ROAD	W 1/8 - 1/4 (0.234 mi.)	C9	47

UST FINDER: EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories . UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

A review of the UST FINDER list, as provided by EDR, and dated 06/08/2023 has revealed that there is 1 UST FINDER site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
VULCAN TERMITE & PES	319 BEARDEN RD	W 1/8 - 1/4 (0.234 mi.)	C10	51

UST FINDER RELEASE: US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

A review of the UST FINDER RELEASE list, as provided by EDR, and dated 06/08/2023 has revealed that there are 2 UST FINDER RELEASE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JACKS RADIATOR AND G	3017 PELHAM PARKWAY	SSW 1/4 - 1/2 (0.373 mi.)	D13	55
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
EXPRESSWAY SHELL STA	***3071 PELHAM PARKWAY***	***SSW 1/4 - 1/2 (0.487 mi.)***	***E15***	***69***

E MANIFEST: EPA established a national system for tracking hazardous waste shipments electronically. This system, known as ?e-Manifest,? will modernize the nation?s cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

A review of the E MANIFEST list, as provided by EDR, and dated 11/30/2025 has revealed that there are 3 E MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PELHAM CLEANERS	***100 CANYON PARK DR***	***SSW 0 - 1/8 (0.023 mi.)***	***A2***	***8***
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
CUSTOM PAINT & COLLI	201 VILLAGE DRIVE	NW 0 - 1/8 (0.106 mi.)	B4	17
CUSTOM PAINT & COLLI	201 VILLAGE DRIVE	NW 0 - 1/8 (0.106 mi.)	B5	21

RI MANIFEST: Hazardous waste manifest information

A review of the RI MANIFEST list, as provided by EDR, and dated 12/31/2020 has revealed that there is 1 RI MANIFEST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PELHAM CLEANERS	***100 CANYON PARK DR***	***SSW 0 - 1/8 (0.023 mi.)***	***A2***	***8***

EPA Id: ALR000008003
Manifest Document Number: 003327257FLE

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories

reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 2 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

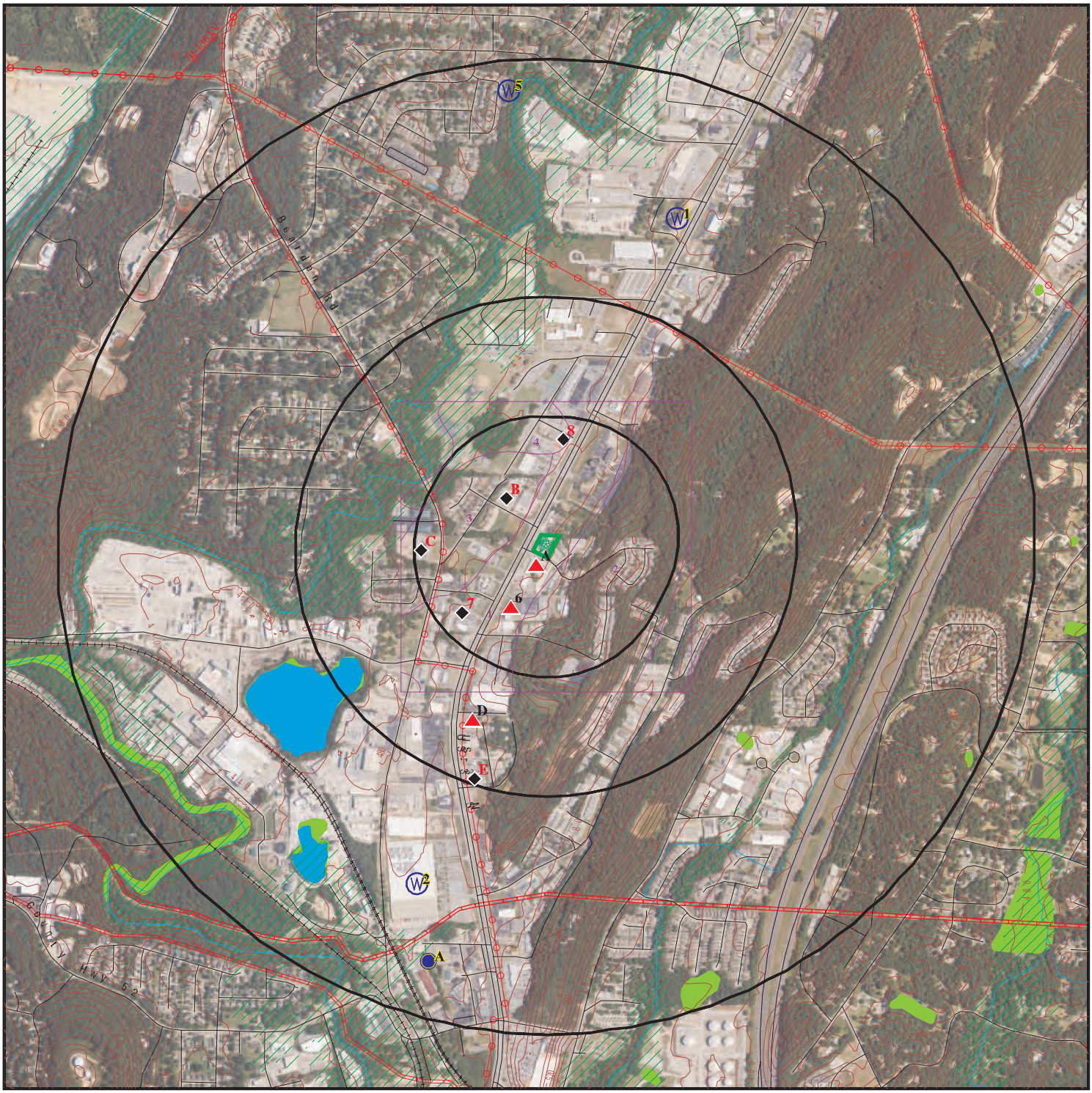
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PELHAM CLEANERS INC	100 CANYON PARK DR	SSW 0 - 1/8 (0.023 mi.)	A1	8
KIMS CLEANERS	2957 PELHAM PKY	SW 0 - 1/8 (0.050 mi.)	A3	17

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name	Database(s)
PELHAM PARKWAY PARTNERS	FINDS

OVERVIEW MAP - 8268760.2S



0 1/4 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Pipelines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Anthonys Pelham Parkway Site ADDRESS: 2941 Pelham Parkway Pelham AL 35124 LAT/LONG: 33.300152 / 86.808645	CLIENT: ECS Southeast, LLP CONTACT: Linah Turner-Chism INQUIRY #: 8268760.2s DATE: March 03, 2026 11:41 am

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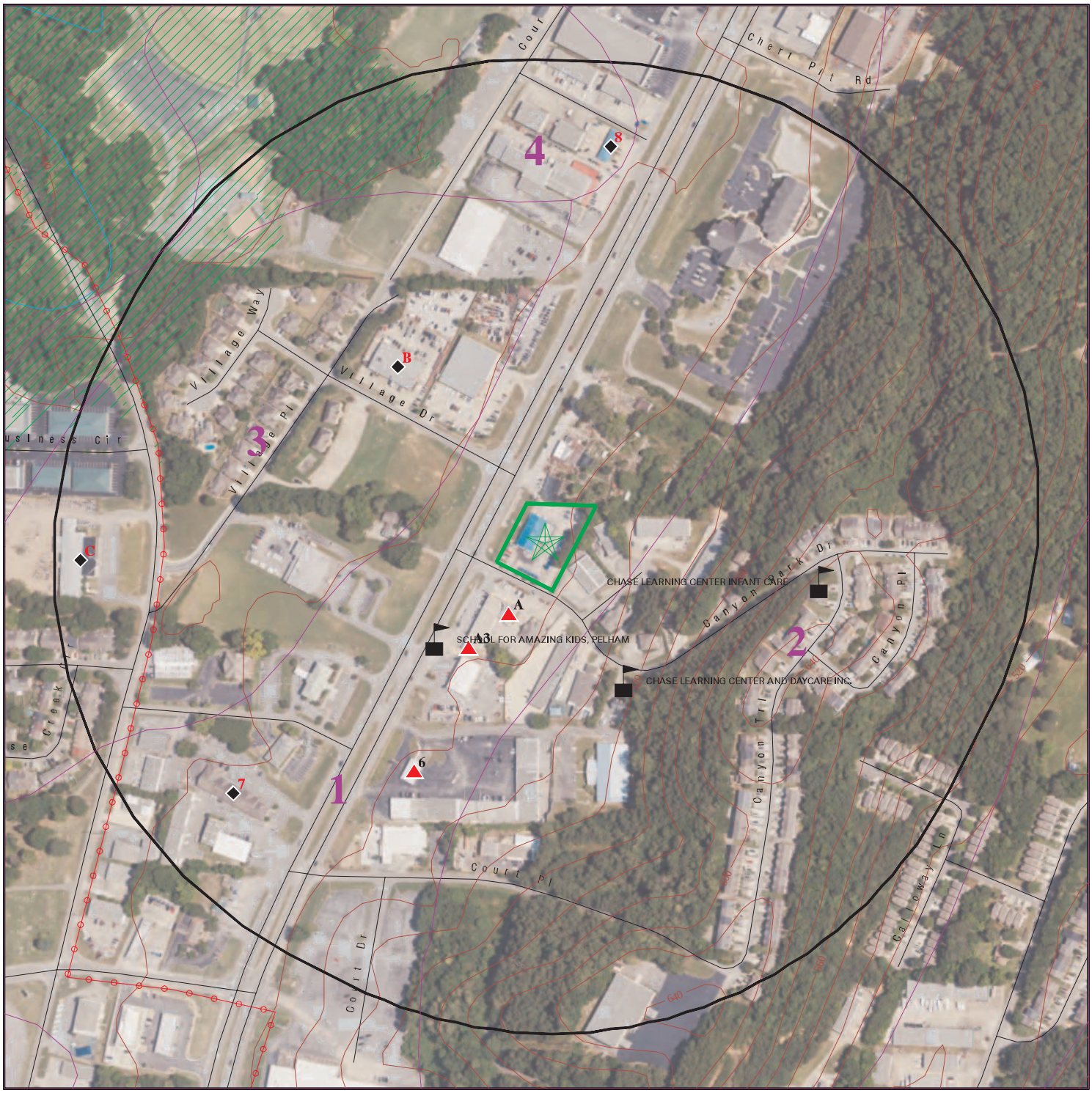
DETAIL MAP - 8268760.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

Areas of Concern

N

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Anthonys Pelham Parkway Site	CLIENT:	ECS Southeast, LLP
ADDRESS:	2941 Pelham Parkway Pelham AL 35124	CONTACT:	Linah Turner-Chism
		INQUIRY #:	8268760.2s
LAT/LONG:	33.300152 / 86.808645	DATE:	March 03, 2026 11:42 am

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		1	2	NR	NR	NR	3
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
Lists of state- and tribal hazardous waste facilities								
AL SHWS	1.000		0	0	0	0	NR	0
Lists of state and tribal landfills and solid waste disposal facilities								
AL SWF/LF	0.500		0	0	0	NR	NR	0
Lists of state and tribal leaking storage tanks								
AL LAST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AL LUST	0.500		0	0	2	NR	NR	2
INDIAN LUST	0.500		0	0	0	NR	NR	0
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
AL UST	0.250		0	1	NR	NR	NR	1
AL AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
AL TANKS	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
AL ENG CONTROLS	0.500		0	0	0	NR	NR	0
AL AUL	0.500		0	0	0	NR	NR	0
AL INST CONTROL	0.500		0	0	0	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
AL VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
AL BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
AL SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
AL AOCONCERN	1.000		0	0	0	0	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
AL CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
AL HIST UST	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AL SPILLS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	2	NR	NR	NR	2
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS PROJECT	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PFAS ECHO FIRE TRAIN	0.250		0	0	NR	NR	NR	0
PFAS PT 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	TP		NR	NR	NR	NR	NR	0
UST FINDER	0.250		0	1	NR	NR	NR	1
UST FINDER RELEASE	0.500		0	0	2	NR	NR	2
E MANIFEST	0.250		3	0	NR	NR	NR	3
AL PFAS	0.250		0	0	NR	NR	NR	0
AL AQUEOUS FOAM	0.250		0	0	NR	NR	NR	0
AL COAL ASH	0.500		0	0	0	NR	NR	0
AL DRYCLEANERS	0.250		0	0	NR	NR	NR	0
AL Financial Assurance	TP		NR	NR	NR	NR	NR	0
RI MANIFEST	0.250		1	0	NR	NR	NR	1
AL NPDES	TP		NR	NR	NR	NR	NR	0
AL TIER 2	TP		NR	NR	NR	NR	NR	0
AL UIC	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		2	NR	NR	NR	NR	2
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
AL RGA HWS	TP		NR	NR	NR	NR	NR	0
AL RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	7	6	4	0	0	17

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
SSW
< 1/8
0.023 mi.
122 ft.

PELHAM CLEANERS INC
100 CANYON PARK DR
PELHAM, AL 35124

Site 1 of 3 in cluster A

EDR Hist Cleaner **1020060805**
N/A

Relative:
Higher

Actual:
476 ft.

EDR Hist Cleaner

Year:	Name:	Type:
1998	PELHAM CLEANERS	Drycleaning Plants, Except Rugs
1999	PELHAM CLEANERS	Drycleaning Plants, Except Rugs
2000	PELHAM CLEANERS	Drycleaning Plants, Except Rugs
2001	PELHAM CLEANERS	Drycleaning Plants, Except Rugs
2002	PELHAM CLEANERS	Drycleaning Plants, Except Rugs
2003	PELHAM CLEANERS	Drycleaning Plants, Except Rugs
2004	PELHAM CLEANERS INC	Drycleaning Plants, Except Rugs
2005	PELHAM CLEANERS INC	Drycleaning Plants, Except Rugs
2006	PELHAM CLEANERS INC	Drycleaning Plants, Except Rugs
2007	PELHAM CLEANERS INC	Drycleaning Plants, Except Rugs
2008	PELHAM CLEANERS INC	Drycleaning Plants, Except Rugs
2009	PELHAM CLEANERS INC	Drycleaning Plants, Except Rugs
2010	PELHAM CLEANERS INC	Drycleaning Plants, Except Rugs
2011	PELHAM CLEANERS INC	Drycleaning Plants, Except Rugs
2012	PELHAM CLEANERS INC	Drycleaning Plants, Except Rugs
2013	PELHAM CLEANERS INC	Drycleaning Plants, Except Rugs
2014	PELHAM CLEANERS INC	Drycleaning Plants, Except Rugs

A2
SSW
< 1/8
0.023 mi.
122 ft.

PELHAM CLEANERS
100 CANYON PARK DR
PELHAM, AL 35124

Site 2 of 3 in cluster A

RCRA-VSQG **1004671557**
FINDS **ALR000008003**
ECHO
E MANIFEST
RI MANIFEST

Relative:
Higher

Actual:
476 ft.

RCRA Listings:

Date Form Received by Agency:	20040812
Handler Name:	Pelham Cleaners
Handler Address:	Canyon Park Drive
Handler City,State,Zip:	PELHAM, AL 35124
EPA ID:	ALR000008003
Contact Name:	SKIP HWANG
Contact Address:	CANYON PARK DRIVE
Contact City,State,Zip:	PELHAM, AL 35124
Contact Telephone:	205-664-8807
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	CANYON PARK DRIVE
Mailing City,State,Zip:	PELHAM, AL 35124-4817
Owner Name: Skip Hwang	
Owner Type:	Private
Operator Name: Not reported	

PELHAM CLEANERS (Continued) **1004671557**

Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20040818
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D007
Waste Description:	Chromium
Waste Code:	D008
Waste Description:	Lead
Waste Code:	D039
Waste Description:	Tetrachloroethylene
Waste Code:	D040
Waste Description:	Trichloroethylene
Waste Code:	F002

PELHAM CLEANERS (Continued) **1004671557**

Waste Description: The Following Spent Halogenated Solvents: Tetrachloroethylene, Methylene Chloride, Trichloroethylene, 1,1,1-Trichloroethane, Chlorobenzene, 1,1,2-Trichloro-1,2,2-Trifluoroethane, Ortho-Dichlorobenzene, Trichlorofluoromethane, And 1,1,2, Trichloroethane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Halogenated Solvents Or Those Solvents Listed In F001, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: SKIP HWANG	
Legal Status:	Private
Date Became Current:	17760101
Date Ended Current:	Not reported
Owner/Operator Address:	100 CANYON PARK DRIVE
Owner/Operator City,State,Zip:	PELHAM, AL 35124-4817
Owner/Operator Telephone:	205-664-8807
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: SKIP HWANG	
Legal Status:	Private
Date Became Current:	17760101
Date Ended Current:	Not reported
Owner/Operator Address:	100 CANYON PARK DRIVE
Owner/Operator City,State,Zip:	PELHAM, AL 35124-4817
Owner/Operator Telephone:	205-664-8807
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19970626
Handler Name: PELHAM CLEANERS	
Federal Waste Generator Description:	Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20010822
Handler Name: PELHAM CLEANERS	
Federal Waste Generator Description:	Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No

PELHAM CLEANERS (Continued) **1004671557**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20020924
Handler Name: PELHAM CLEANERS	
Federal Waste Generator Description:	Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20040812
Handler Name: PELHAM CLEANERS	
Federal Waste Generator Description:	Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	81232
NAICS Description:	Drycleaning And Laundry Services (Except Coin-Operated)

NAICS Code:	812331
NAICS Description:	Linen Supply

Has the Facility Received Notices of Violations:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported

PELHAM CLEANERS (Continued) **1004671557**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	20230816
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	SAP
Evaluation Responsible Sub-Organization:	CES
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110003387380

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Alabama Department of Environmental Management (ADEM) Permit Tracking system provides data entry, retrieval, and accounting functions and includes brief general data about facilities, their ADEM permits and fees owed and/or paid.
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

PELHAM CLEANERS (Continued) **1004671557**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004671557
Registry ID:	110003387380

DFR URL:

Name:	PELHAM CLEANERS
Address:	100 Canyon Park Drive
City,State,Zip:	PELHAM, AL 35124

E MANIFEST:

Manifest Tracking Number:	006825872SKS
Last Updated Date:	20190312
Shipped Date:	20190114
Received Date:	20190211
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	Pelham Cleaners
Generator Location Street Number:	Not reported
Generator Location Street 1:	100 CANYON PARK DR
Generator Location Street 2:	Not reported
Generator Location City:	PELHAM
Generator Location State:	AL
Generator Location Zip:	35124
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	100 Canyon Park Dr
Generator Mail Street 2:	Not reported
Generator Mail City:	Pelham
Generator Mail Zip:	35124
Generator Mail State:	AL
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	OHD980587364
Designated Facility Name:	Clean Harbors Recycling Services Of Ohio, Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	581 Milliken Drive SE
Designated Facility Mail City:	Hebron
Designated Facility Mail Zip:	43025
Designated Facility Mail State:	OH
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	581 Milliken Drive SE
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Hebron
Designated Facility Location Zip:	43025
Designated Facility Location State:	OH
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	006825872SKS
Transporter Line Number:	1

PELHAM CLEANERS (Continued) **1004671557**

Transporter EPA ID: TXR000081205
Transporter Name: Safety-Kleen Systems, Inc.

Manifest Tracking Number: 006825872SKS
Transporter Line Number: 2
Transporter EPA ID: MAD039322250
Transporter Name: Clean Harbors Environmental Services, Inc.

Manifest Tracking Number: 006825872SKS
Transporter Line Number: 3
Transporter EPA ID: ALD067138891
Transporter Name: Robbie D Wood Incorporated

Manifest Tracking Number: 006825872SKS
Transporter Line Number: 4
Transporter EPA ID: MAD039322250
Transporter Name: Clean Harbors Environmental Services, Inc.

Waste Line:
Manifest Tracking Number: 006825872SKS
Waste Line Number: 1
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN2810
U.S. DOT Description: Un2810, Waste Un2810 Waste Toxic Liquid,Organic N.O.S.) (D007,D039,D040(E (Tetrachloroethylene, Trichloroethylene) 6.1 Pgiii Rq(F002), 6.1, Pg Iii
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: DM
Container Type Description: Metal drums, barrels, kegs
Waste Quantity: 15
Quantity Unit of Measure Code: G
Quantity Unit of Measure Description: Gallons
Waste Quantity, in Tons: 0.062552124
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.062552124
Waste Quantity, in Kilograms: 56.736656
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 56.736656
Management Method Code: H020
Management Method Description: SOLVENTS RECOVERY
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: Y
Federal Waste Codes: D007, D039, D040, F002
Quantity Haz Kg: 56.736656

PELHAM CLEANERS (Continued) **1004671557**

Quantity Haz Tons: 0.062552124
Quantity Non Haz Kg: 0
Quantity Non Haz Tons: 0
State Waste Codes: Not reported

RI MANIFEST:
Name: PELHAM CLEANERS
Address: 100 CANYON PARK DRIVE
City,State,Zip: PELHAM, AL 35124-4817
EPA Id: ALR000008003
GEN Cert Date: 5/12/2011
Manifest Document Number: 003327257FLE
Waste Description: TOXIC LIQUIDS ORGANIC NOS
TSDF Id: RID084802842
TSDF Name: SAFETY KLEEN
Qty: 40
WT/Vol Units: P
TSDF Date: 5/23/2011
Transporter 2 Id: NJD071629976
Item Number: 1
Transporter 2 Name: 5/23/2011
Transporter Name 2: SAFETY KLEEN
Transporter EPAID: TXR000050930
Transporter Receipt Date: 5/12/2011
Number Of Containers: 1
Container Type: DM
Waste Code1: D007
Waste Code2: D029
Waste Code3: D039
Waste Code4: Not reported
Waste Code5: Not reported
Waste Code6: Not reported
Fee Exempt Code: Not reported
Comment: Not reported
Transporter Name 2: SJ TRANSPORTATION CO INC
Company Permit Number: Not reported
Year: Not reported
Quarter: Not reported
Transporter Contact Name: Not reported
Transporter Contact Email: Not reported
Filing Date: Not reported
Total Fee: Not reported
Billing Name: Not reported
Paid Date: Not reported
Paid Time: Not reported
Facility Receipt Date: Not reported
Fee: Not reported
Manifest Created Date: Not reported
Manifest Updated Date: Not reported

RI MANIFEST:
Transporter Receipt Date: 5/12/2011
Number Of Containers: 1
Container Type: DM
Waste Code1: D007
Waste Code2: D029
Waste Code3: D039

PELHAM CLEANERS (Continued) **1004671557**

Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	SAFETY KLEEN
TSDF Id:	RID084802842
Transporter Name 2:	SJ TRANSPORTATION CO INC
Company Permit Number:	Not reported
Year:	Not reported
EPA ID:	ALR000008003
Manifest Docket Number:	003327257FLE
Quarter:	Not reported
Waste Description:	TOXIC LIQUIDS ORGANIC NOS
Transporter Contact Name:	Not reported
Quantity:	40
Transporter Contact Email:	Not reported
WT/Vol Units:	P
Filing Date:	Not reported
Total Fee:	Not reported
Item Number:	1
Transporter Name:	SAFETY KLEEN
Billing Name:	Not reported
Transporter EPA ID:	TXR000050930
Date Paid:	Not reported
Time Paid:	Not reported
GEN Cert Date:	5/12/2011
Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	5/23/2011
Manifest Created Date:	Not reported
TSDF Receipt Date:	5/23/2011
Transporter 2 ID:	NJD071629976
Manifest Updated Date:	Not reported
Transporter Receipt Date:	5/12/2011
Number Of Containers:	1
Container Type:	DM
Waste Code1:	D007
Waste Code2:	D029
Waste Code3:	D039
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	SAFETY KLEEN
TSDF Id:	RID084802842
Transporter Name 2:	SJ TRANSPORTATION CO INC
Company Permit Number:	Not reported
Year:	Not reported
EPA ID:	ALR000008003
Manifest Docket Number:	003327257FLE
Quarter:	Not reported
Waste Description:	TOXIC LIQUIDS ORGANIC NOS
Transporter Contact Name:	Not reported
Quantity:	40

PELHAM CLEANERS (Continued) **1004671557**

Transporter Contact Email:	Not reported
WT/Vol Units:	P
Filing Date:	Not reported
Total Fee:	Not reported
Item Number:	1
Transporter Name:	SAFETY KLEEN
Billing Name:	Not reported
Transporter EPA ID:	TXR000050930
Date Paid:	Not reported
Time Paid:	Not reported
GEN Cert Date:	5/12/2011
Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	5/23/2011
Manifest Created Date:	Not reported
TSDF Receipt Date:	5/23/2011
Transporter 2 ID:	NJD071629976
Manifest Updated Date:	Not reported

A3 **KIMS CLEANERS** **EDR Hist Cleaner** **1014408534**
SW **2957 PELHAM PKY** **N/A**
< 1/8 **PELHAM, AL 35124**
0.050 mi.
265 ft. **Site 3 of 3 in cluster A**

Relative: EDR Hist Cleaner
Higher

Actual: **478 ft.**

Year:	Name:	Type:
1996	KIMS CLEANERS DRY CLEANERS AND	CLEANERS
1996	KIMS CLEANERS	Drycleaning Plants, Except Rugs

B4 **CUSTOM PAINT & COLLISION CENTE** **E MANIFEST** **1031990784**
NW **201 VILLAGE DRIVE** **N/A**
< 1/8 **PELHAM, AL 35124**
0.106 mi.
559 ft. **Site 1 of 2 in cluster B**

Relative: E MANIFEST:
Lower

Actual: **453 ft.**

Manifest Tracking Number:	013719445FLE
Last Updated Date:	20200617
Shipped Date:	20200528
Received Date:	20200601
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	Custom Paint & Collision Cente
Generator Location Street Number:	Not reported
Generator Location Street 1:	201 VILLAGE DRIVE
Generator Location Street 2:	Not reported
Generator Location City:	PELHAM
Generator Location State:	AL
Generator Location Zip:	35124
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	201 VILLAGE DRIVE

CUSTOM PAINT & COLLISION CENTE (Continued) **1031990784**

Generator Mail Street 2:	Not reported
Generator Mail City:	PELHAM
Generator Mail Zip:	35124
Generator Mail State:	AL
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	ALD094476793
Designated Facility Name:	Allworth, Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	500 Medco Road
Designated Facility Mail City:	Birmingham
Designated Facility Mail Zip:	35217
Designated Facility Mail State:	AL
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	500 Medco Road
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Birmingham
Designated Facility Location Zip:	35217
Designated Facility Location State:	AL
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	013719446FLE
Last Updated Date:	20201021
Shipped Date:	20201008
Received Date:	20201012
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	Custom Paint & Collision Cente
Generator Location Street Number:	Not reported
Generator Location Street 1:	201 VILLAGE DRIVE
Generator Location Street 2:	Not reported
Generator Location City:	PELHAM
Generator Location State:	AL
Generator Location Zip:	35124
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	201 VILLAGE DRIVE
Generator Mail Street 2:	Not reported
Generator Mail City:	PELHAM
Generator Mail Zip:	35124
Generator Mail State:	AL
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	ALD094476793
Designated Facility Name:	Allworth, Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	500 Medco Road
Designated Facility Mail City:	Birmingham
Designated Facility Mail Zip:	35217
Designated Facility Mail State:	AL
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	500 Medco Road
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Birmingham

CUSTOM PAINT & COLLISION CENTE (Continued) **1031990784**

Designated Facility Location Zip:	35217
Designated Facility Location State:	AL
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	013719447FLE
Last Updated Date:	20210505
Shipped Date:	20210415
Received Date:	20210421
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	Custom Paint & Collision Cente
Generator Location Street Number:	Not reported
Generator Location Street 1:	201 VILLAGE DRIVE
Generator Location Street 2:	Not reported
Generator Location City:	PELHAM
Generator Location State:	AL
Generator Location Zip:	35124
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	201 VILLAGE DRIVE
Generator Mail Street 2:	Not reported
Generator Mail City:	PELHAM
Generator Mail Zip:	35124
Generator Mail State:	AL
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	ALD094476793
Designated Facility Name:	Allworth, Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	500 Medco Road
Designated Facility Mail City:	Birmingham
Designated Facility Mail Zip:	35217
Designated Facility Mail State:	AL
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	500 Medco Road
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Birmingham
Designated Facility Location Zip:	35217
Designated Facility Location State:	AL
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	020113497FLE
Last Updated Date:	20250304
Shipped Date:	20250211
Received Date:	20250218
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	Custom Paint & Collision Cente
Generator Location Street Number:	Not reported
Generator Location Street 1:	201 VILLAGE DRIVE

CUSTOM PAINT & COLLISION CENTE (Continued) **1031990784**

Generator Location Street 2:	Not reported
Generator Location City:	PELHAM
Generator Location State:	AL
Generator Location Zip:	35124
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	201 VILLAGE DRIVE
Generator Mail Street 2:	Not reported
Generator Mail City:	PELHAM
Generator Mail Zip:	35124
Generator Mail State:	AL
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	ALD094476793
Designated Facility Name:	Allworth, Inc. (Esol)
Designated Facility Mail Street Number:	500
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	MEDCO ROAD
Designated Facility Mail City:	BIRMINGHAM
Designated Facility Mail Zip:	35217
Designated Facility Mail State:	AL
Designated Facility Location Street Number:	500
Designated Facility Location Street 1:	MEDCO ROAD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	BIRMINGHAM
Designated Facility Location Zip:	35217
Designated Facility Location State:	AL
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	020113497FLE
Transporter Line Number:	1
Transporter EPA ID:	ALD072095169
Transporter Name:	Research Solutions Group, Inc.
Manifest Tracking Number:	020113497FLE
Transporter Line Number:	2
Transporter EPA ID:	ALD072095169
Transporter Name:	Research Solutions Group, Inc.

Waste Line:

Manifest Tracking Number:	020113497FLE
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN1263
U.S. DOT Description:	Un1263, Waste Paint (Methanol), 3, Pg-Ii
Non-Hazardous Waste Description:	Not reported
Number of Containers:	3
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	165
Quantity Unit of Measure Code:	G
Quantity Unit of Measure Description:	Gallons
Waste Quantity, in Tons:	0.68807
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.68807

CUSTOM PAINT & COLLISION CENTE (Continued) **1031990784**

Waste Quantity, in Kilograms:	624.10321
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	624.1001321
Management Method Code:	H061
Management Method Description:	FUEL BLENDING
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	Y
Federal Waste Codes:	D001, F003
Quantity Haz Kg:	624.1001321
Quantity Haz Tons:	0.68807
Quantity Non Haz Kg:	0
Quantity Non Haz Tons:	0
State Waste Codes:	Not reported

B5 **CUSTOM PAINT & COLLISION CENTER** **E MANIFEST** **1031990785**
NW **201 VILLAGE DRIVE** **N/A**
< 1/8 **PELHAM, AL 00000**
0.106 mi.
559 ft. **Site 2 of 2 in cluster B**

Relative: **Lower**
Actual: **453 ft.**

E MANIFEST:

Manifest Tracking Number:	010686384JJK
Last Updated Date:	20191104
Shipped Date:	20190108
Received Date:	20190111
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ALCESQG
Generator Name:	Custom Paint & Collision Center
Generator Location Street Number:	Not reported
Generator Location Street 1:	201 VILLAGE DRIVE
Generator Location Street 2:	Not reported
Generator Location City:	PELHAM
Generator Location State:	AL
Generator Location Zip:	00000
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	201 VILLAGE DRIVE
Generator Mail Street 2:	Not reported
Generator Mail City:	PELHAM
Generator Mail Zip:	00000
Generator Mail State:	AL
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	ALD981020894
Designated Facility Name:	Clean Earth Of Alabama
Designated Facility Mail Street Number:	402

CUSTOM PAINT & COLLISION CENTER (Continued) **1031990785**

Designated Facility Mail Street 1: Not reported
Designated Facility Mail Street 2: 402 WEBSTER CHAPEL ROAD
Designated Facility Mail City: GLENCOE
Designated Facility Mail Zip: 35905
Designated Facility Mail State: AL
Designated Facility Location Street Number: 402
Designated Facility Location Street 1: 402 WEBSTER CHAPEL ROAD
Designated Facility Location Street 2: Not reported
Designated Facility Location City: GLENCOE
Designated Facility Location Zip: 35905
Designated Facility Location State: AL
Designated Facility Contact Company Name: Not reported
Manifest Residue Indicator: N
Rejection Indicator: N

Transporter:
Manifest Tracking Number: 010686384JJK
Transporter Line Number: 1
Transporter EPA ID: ALR000044743
Transporter Name: Spectrum Industrial Services, Inc.

Manifest Tracking Number: 010686384JJK
Transporter Line Number: 2
Transporter EPA ID: ALR000044743
Transporter Name: Spectrum Industrial Services, Inc.

Waste Line:
Manifest Tracking Number: 010686384JJK
Waste Line Number: 1
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN1263
U.S. DOT Description: Rq, Un1263, Paint Related Material [Including Paint Thinning, Drying, Removing Or Reducing Compound], 3, Pgii
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: DM
Container Type Description: Metal drums, barrels, kegs
Waste Quantity: 55
Quantity Unit of Measure Code: G
Quantity Unit of Measure Description: Gallons
Waste Quantity, in Tons: 0.2293578
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.2293578
Waste Quantity, in Kilograms: 208.03441
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 208.03441
Management Method Code: H061
Management Method Description: FUEL BLENDING
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported

CUSTOM PAINT & COLLISION CENTER (Continued) **1031990785**

Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	Y
Federal Waste Codes:	D001, F003, F005
Quantity Haz Kg:	208.03441
Quantity Haz Tons:	0.2293578
Quantity Non Haz Kg:	0
Quantity Non Haz Tons:	0
State Waste Codes:	Not reported
Manifest Tracking Number:	010686384JJK
Waste Line Number:	2
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	Non-Regulated Material (Oil/Lubricants)
Number of Containers:	1
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	55
Quantity Unit of Measure Code:	G
Quantity Unit of Measure Description:	Gallons
Waste Quantity, in Tons:	0.2293578
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.2293578
Waste Quantity, in Kilograms:	208.03441
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	208.03441
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	208.03441
Quantity Non Haz Tons:	0.2293578
State Waste Codes:	Not reported
Manifest Tracking Number:	010686384JJK
Waste Line Number:	3
U.S. DOT Hazardous Indicator:	N

CUSTOM PAINT & COLLISION CENTER (Continued) **1031990785**

U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	Non-Regulated Materials (Antifreeze)
Number of Containers:	1
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	55
Quantity Unit of Measure Code:	G
Quantity Unit of Measure Description:	Gallons
Waste Quantity, in Tons:	0.2293578
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.2293578
Waste Quantity, in Kilograms:	208.03441
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	208.03441
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	208.03441
Quantity Non Haz Tons:	0.2293578
State Waste Codes:	Not reported

---

6 **SHELBY PRINTING LLC** **RCRA-VSQG** **1007091200**
SSW **2969 PELHAM PARKWAY** **ALR000030924**
1/8-1/4 **PELHAM, AL 35124**
0.126 mi.
666 ft.

Relative: **Higher**

Actual: **483 ft.**

RCRA Listings:

Date Form Received by Agency:	20031027
Handler Name:	Shelby Printing Llc
Handler Address:	Pelham Parkway
Handler City,State,Zip:	PELHAM, AL 35124
EPA ID:	ALR000030924
Contact Name:	KEVIN PHILLIPS
Contact Address:	PO BOX 1330
Contact City,State,Zip:	PELHAM, AL 35124
Contact Telephone:	205-664-3390
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04

SHELBY PRINTING LLC (Continued) **1007091200**

Land Type:		Private
Federal Waste Generator Description:		Conditionally Exempt Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		PO BOX 1330
Mailing City,State,Zip:		PELHAM, AL 35124
Owner Name:	James Kelly	
Owner Type:		Private
Operator Name:	Kevin C. Phillips	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20031029
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No
Sub-Part P Indicator:		No

SHELBY PRINTING LLC (Continued) **1007091200**

Hazardous Waste Summary:
Waste Code: D001
Waste Description: Ignitable Waste

Waste Code: D018
Waste Description: Benzene

Waste Code: D039
Waste Description: Tetrachloroethylene

Waste Code: D040
Waste Description: Trichloroethylene

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: KEVIN C. PHILLIPS
Legal Status: Private
Date Became Current: 19800101
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 1330
Owner/Operator City,State,Zip: PELHAM, AL 35124
Owner/Operator Telephone: 205-664-3390
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: JAMES KELLY
Legal Status: Private
Date Became Current: 19800101
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 1330
Owner/Operator City,State,Zip: PELHAM, AL 35124
Owner/Operator Telephone: 205-746-7888
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20031027
Handler Name: SHELBY PRINTING LLC
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 32311

SHELBY PRINTING LLC (Continued) **1007091200**

NAICS Description: Printing

NAICS Code: 323119
NAICS Description: Other Commercial Printing

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

7
SW
1/8-1/4
0.198 mi.
1043 ft.

MATERIAL DELIVERY SERVICE INC **RCRA NonGen / NLR** **1004671652**
2976 PELHAM PARKWAY SUITE E **FINDS** **ALR000013185**
PELHAM, AL 35124 **ECHO**

Relative:
Lower

Actual:
464 ft.

RCRA Listings:

Date Form Received by Agency:	20031021
Handler Name:	Material Delivery Service Inc
Handler Address:	Pelham Parkway Suite E
Handler City,State,Zip:	PELHAM, AL 35124
EPA ID:	ALR000013185
Contact Name:	D.A. DAVIDSON
Contact Address:	2280 CASSENS DRIVE
Contact City,State,Zip:	FENTON, MO 63026-2598
Contact Telephone:	636-326-9662
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PELHAM PARKWAY SUITE E
Mailing City,State,Zip:	PELHAM, AL 35124
Owner Name: Robert B. Shilli	
Owner Type:	Private
Operator Name: Not reported	
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No

MATERIAL DELIVERY SERVICE INC (Continued) **1004671652**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20031110
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	NONE
Waste Description:	Not Defined

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: ROBERT B. SHILLI	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2280 CASSEN DRIVE
Owner/Operator City,State,Zip:	FENTON, MO 63026-2598
Owner/Operator Telephone:	636-343-1877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: ROBERT B. SHILLI	
Legal Status:	Private
Date Became Current:	17760101
Date Ended Current:	Not reported
Owner/Operator Address:	2280 CASSEN DRIVE
Owner/Operator City,State,Zip:	FENTON, MO 63026-2598
Owner/Operator Telephone:	636-343-1877

MATERIAL DELIVERY SERVICE INC (Continued) **1004671652**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20031021
Handler Name: MATERIAL DELIVERY SERVICE INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20000607
Handler Name: MATERIAL DELIVERY SERVICE INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 488999
NAICS Description: All Other Support Activities For Transportation

Has the Facility Received Notices of Violations:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported

MATERIAL DELIVERY SERVICE INC (Continued) **1004671652**

Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20040921
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: JKB
Evaluation Responsible Sub-Organization: CES
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110003390688

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1004671652
Registry ID: 110003390688

DFR URL:
Name: MATERIAL DELIVERY SERVICE INC
Address: 2976 Pelham Parkway Suite E
City,State,Zip: PELHAM, AL 35124

8
North
1/8-1/4
0.202 mi.
1069 ft.

EXPRESS OIL CHANGE & TIRE ENGINEERS--PELHAM
2874 US HIGHWAY 31 SOUTH
PELHAM, AL 35124

RCRA-VSQG
FINDS
ECHO

1004672166
ALR000018598

Relative:
Lower

Actual:
458 ft.

RCRA Listings:

Date Form Received by Agency:		20250814
Handler Name:		Express Oil Change & Tire Engineers--Pelham
Handler Address:		Us Highway 31 South
Handler City,State,Zip:		PELHAM, AL 35124
EPA ID:		ALR000018598
Contact Name:		KENT FEAZELL
Contact Address:		US HIGHWAY 31 SOUTH
Contact City,State,Zip:		PELHAM, AL 35124
Contact Telephone:		205-945-1771 x153
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		EXEC VP OF REAL ESTATE DEV
EPA Region:		04
Land Type:		Private
Federal Waste Generator Description:		Conditionally Exempt Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		SOUTH PARK DRIVE
Mailing City,State,Zip:		BIRMINGHAM, AL 35244
Owner Name:	Express Oil Change	
Owner Type:		Private
Operator Name:	Kent Feazell	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No

EXPRESS OIL CHANGE & TIRE ENGINEERS--PELHAM (Continued) **1004672166**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20250820
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: KENT FEAZELL	
Legal Status:	Private
Date Became Current:	19800101
Date Ended Current:	Not reported
Owner/Operator Address:	1880 SOUTH PARK DRIVE
Owner/Operator City,State,Zip:	HOOVER, AL 35244
Owner/Operator Telephone:	205-945-1771
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: EXPRESS OIL CHANGE	
Legal Status:	Private
Date Became Current:	19800101
Date Ended Current:	Not reported
Owner/Operator Address:	1880 SOUTH PARK DRIVE
Owner/Operator City,State,Zip:	HOOVER, AL 35244
Owner/Operator Telephone:	205-945-1771
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: EXPRESS OIL CHANGE	
Legal Status:	Private
Date Became Current:	20050602
Date Ended Current:	Not reported
Owner/Operator Address:	190 WEST VALLEY AVE
Owner/Operator City,State,Zip:	BIRMINGHAM, AL 35209
Owner/Operator Telephone:	205-945-1771
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

EXPRESS OIL CHANGE & TIRE ENGINEERS--PELHAM (Continued) **1004672166**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KENT FEAZELL
Legal Status: Private
Date Became Current: 20050602
Date Ended Current: Not reported
Owner/Operator Address: 190 WEST VALLEY AVE
Owner/Operator City,State,Zip: BIRMINGHAM, AL 35209
Owner/Operator Telephone: 205-945-1771
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: EXPRESS OIL CHANGE
Legal Status: Private
Date Became Current: 19800101
Date Ended Current: Not reported
Owner/Operator Address: 1880 SOUTH PARK DRIVE
Owner/Operator City,State,Zip: HOOVER, AL 35244
Owner/Operator Telephone: 205-945-1771
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KENT FEAZELL
Legal Status: Private
Date Became Current: 20050602
Date Ended Current: Not reported
Owner/Operator Address: 190 WEST VALLEY AVE
Owner/Operator City,State,Zip: BIRMINGHAM, AL 35209
Owner/Operator Telephone: 205-945-1771
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: EXPRESS OIL CHANGE
Legal Status: Private
Date Became Current: 20050602
Date Ended Current: Not reported
Owner/Operator Address: 190 WEST VALLEY AVE
Owner/Operator City,State,Zip: BIRMINGHAM, AL 35209
Owner/Operator Telephone: 205-945-1771
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KENT FEAZELL
Legal Status: Private
Date Became Current: 19800101
Date Ended Current: Not reported
Owner/Operator Address: 1880 SOUTH PARK DRIVE
Owner/Operator City,State,Zip: HOOVER, AL 35244

EXPRESS OIL CHANGE & TIRE ENGINEERS--PELHAM (Continued) **1004672166**

Owner/Operator Telephone: 205-945-1771
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KENT FEAZELL
Legal Status: Private
Date Became Current: 19800101
Date Ended Current: Not reported
Owner/Operator Address: 1880 SOUTH PARK DRIVE
Owner/Operator City,State,Zip: HOOVER, AL 35244
Owner/Operator Telephone: 205-945-1771
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: EXPRESS OIL CHANGE
Legal Status: Private
Date Became Current: 19800101
Date Ended Current: Not reported
Owner/Operator Address: 1880 SOUTH PARK DRIVE
Owner/Operator City,State,Zip: HOOVER, AL 35244
Owner/Operator Telephone: 205-945-1771
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KENT FEAZELL
Legal Status: Private
Date Became Current: 20050602
Date Ended Current: Not reported
Owner/Operator Address: 190 WEST VALLEY AVE
Owner/Operator City,State,Zip: BIRMINGHAM, AL 35209
Owner/Operator Telephone: 205-945-1771
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KENT FEAZELL
Legal Status: Private
Date Became Current: 20050602
Date Ended Current: Not reported
Owner/Operator Address: 190 WEST VALLEY AVE
Owner/Operator City,State,Zip: BIRMINGHAM, AL 35209
Owner/Operator Telephone: 205-945-1771
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KENT FEAZELL
Legal Status: Private
Date Became Current: 19800101

EXPRESS OIL CHANGE & TIRE ENGINEERS--PELHAM (Continued) **1004672166**

Date Ended Current:	Not reported
Owner/Operator Address:	1880 SOUTH PARK DRIVE
Owner/Operator City,State,Zip:	HOOVER, AL 35244
Owner/Operator Telephone:	205-945-1771
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: EXPRESS OIL CHANGE	
Legal Status:	Private
Date Became Current:	20050602
Date Ended Current:	Not reported
Owner/Operator Address:	190 WEST VALLEY AVE
Owner/Operator City,State,Zip:	BIRMINGHAM, AL 35209
Owner/Operator Telephone:	205-945-1771
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: KENT FEAZELL	
Legal Status:	Private
Date Became Current:	20050602
Date Ended Current:	Not reported
Owner/Operator Address:	190 WEST VALLEY AVE
Owner/Operator City,State,Zip:	BIRMINGHAM, AL 35209
Owner/Operator Telephone:	205-945-1771
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: KENT FEAZELL	
Legal Status:	Private
Date Became Current:	20050602
Date Ended Current:	Not reported
Owner/Operator Address:	190 WEST VALLEY AVE
Owner/Operator City,State,Zip:	BIRMINGHAM, AL 35209
Owner/Operator Telephone:	205-945-1771
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: EXPRESS OIL CHANGE	
Legal Status:	Private
Date Became Current:	20050602
Date Ended Current:	Not reported
Owner/Operator Address:	190 WEST VALLEY AVE
Owner/Operator City,State,Zip:	BIRMINGHAM, AL 35209
Owner/Operator Telephone:	205-945-1771
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

EXPRESS OIL CHANGE & TIRE ENGINEERS--PELHAM (Continued) **1004672166**

Owner/Operator Name: EXPRESS OIL CHANGE
Legal Status: Private
Date Became Current: 19800101
Date Ended Current: Not reported
Owner/Operator Address: 1880 SOUTH PARK DRIVE
Owner/Operator City,State,Zip: HOOVER, AL 35244
Owner/Operator Telephone: 205-945-1771
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: EXPRESS OIL CHANGE
Legal Status: Private
Date Became Current: 20050602
Date Ended Current: Not reported
Owner/Operator Address: 190 WEST VALLEY AVE
Owner/Operator City,State,Zip: BIRMINGHAM, AL 35209
Owner/Operator Telephone: 205-945-1771
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KENT FEAZELL
Legal Status: Private
Date Became Current: 19800101
Date Ended Current: Not reported
Owner/Operator Address: 1880 SOUTH PARK DRIVE
Owner/Operator City,State,Zip: HOOVER, AL 35244
Owner/Operator Telephone: 205-945-1771
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: EXPRESS OIL CHANGE
Legal Status: Private
Date Became Current: 20050602
Date Ended Current: Not reported
Owner/Operator Address: 190 WEST VALLEY AVE
Owner/Operator City,State,Zip: BIRMINGHAM, AL 35209
Owner/Operator Telephone: 205-945-1771
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KENT FEAZELL
Legal Status: Private
Date Became Current: 19800101
Date Ended Current: Not reported
Owner/Operator Address: 1880 SOUTH PARK DRIVE
Owner/Operator City,State,Zip: HOOVER, AL 35244
Owner/Operator Telephone: 205-945-1771
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported

EXPRESS OIL CHANGE & TIRE ENGINEERS--PELHAM (Continued) **1004672166**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: EXPRESS OIL CHANGE
Legal Status: Private
Date Became Current: 19800101
Date Ended Current: Not reported
Owner/Operator Address: 1880 SOUTH PARK DRIVE
Owner/Operator City,State,Zip: HOOVER, AL 35244
Owner/Operator Telephone: 205-945-1771
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PEAK INC
Legal Status: Private
Date Became Current: 17760101
Date Ended Current: Not reported
Owner/Operator Address: 400 CALDWELL TRACE
Owner/Operator City,State,Zip: BIRMINGHAM, AL 35242
Owner/Operator Telephone: 205-980-0003
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: EXPRESS OIL CHANGE
Legal Status: Private
Date Became Current: 19800101
Date Ended Current: Not reported
Owner/Operator Address: 1880 SOUTH PARK DRIVE
Owner/Operator City,State,Zip: HOOVER, AL 35244
Owner/Operator Telephone: 205-945-1771
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KENT FEAZELL
Legal Status: Private
Date Became Current: 20050602
Date Ended Current: Not reported
Owner/Operator Address: 190 WEST VALLEY AVE
Owner/Operator City,State,Zip: BIRMINGHAM, AL 35209
Owner/Operator Telephone: 205-945-1771
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: EXPRESS OIL CHANGE
Legal Status: Private
Date Became Current: 19800101
Date Ended Current: Not reported
Owner/Operator Address: 1880 SOUTH PARK DRIVE
Owner/Operator City,State,Zip: HOOVER, AL 35244

EXPRESS OIL CHANGE & TIRE ENGINEERS--PELHAM (Continued) **1004672166**

Owner/Operator Telephone: 205-945-1771
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KENT FEAZELL
Legal Status: Private
Date Became Current: 19800101
Date Ended Current: Not reported
Owner/Operator Address: 1880 SOUTH PARK DRIVE
Owner/Operator City,State,Zip: HOOVER, AL 35244
Owner/Operator Telephone: 205-945-1771
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: EXPRESS OIL CHANGE
Legal Status: Private
Date Became Current: 20050602
Date Ended Current: Not reported
Owner/Operator Address: 190 WEST VALLEY AVE
Owner/Operator City,State,Zip: BIRMINGHAM, AL 35209
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Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

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Legal Status: Private
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Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: EXPRESS OIL CHANGE
Legal Status: Private
Date Became Current: 19800101
Date Ended Current: Not reported
Owner/Operator Address: 1880 SOUTH PARK DRIVE
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Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KENT FEAZELL
Legal Status: Private
Date Became Current: 20050602

EXPRESS OIL CHANGE & TIRE ENGINEERS--PELHAM (Continued) **1004672166**

Date Ended Current:	Not reported
Owner/Operator Address:	190 WEST VALLEY AVE
Owner/Operator City,State,Zip:	BIRMINGHAM, AL 35209
Owner/Operator Telephone:	205-945-1771
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: EXPRESS OIL CHANGE	
Legal Status:	Private
Date Became Current:	19800101
Date Ended Current:	Not reported
Owner/Operator Address:	1880 SOUTH PARK DRIVE
Owner/Operator City,State,Zip:	HOOVER, AL 35244
Owner/Operator Telephone:	205-945-1771
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: EXPRESS OIL CHANGE	
Legal Status:	Private
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Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	HOOVER, AL 35244
Owner/Operator Telephone:	205-945-1771
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: KENT FEAZELL	
Legal Status:	Private
Date Became Current:	19800101
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	HOOVER, AL 35244
Owner/Operator Telephone:	205-945-1771
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: PEAK INC	
Legal Status:	Private
Date Became Current:	17760101
Date Ended Current:	Not reported
Owner/Operator Address:	400 CALDWELL TRACE
Owner/Operator City,State,Zip:	BIRMINGHAM, AL 35242
Owner/Operator Telephone:	205-980-0003
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator

EXPRESS OIL CHANGE & TIRE ENGINEERS--PELHAM (Continued) **1004672166**

Owner/Operator Name: KENT FEAZELL	
Legal Status:	Private
Date Became Current:	19800101
Date Ended Current:	Not reported
Owner/Operator Address:	1880 SOUTH PARK DRIVE
Owner/Operator City,State,Zip:	HOOVER, AL 35244
Owner/Operator Telephone:	205-945-1771
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: EXPRESS OIL CHANGE	
Legal Status:	Private
Date Became Current:	19800101
Date Ended Current:	Not reported
Owner/Operator Address:	1880 SOUTH PARK DRIVE
Owner/Operator City,State,Zip:	HOOVER, AL 35244
Owner/Operator Telephone:	205-945-1771
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: KENT FEAZELL	
Legal Status:	Private
Date Became Current:	19800101
Date Ended Current:	Not reported
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Owner/Operator Telephone:	205-945-1771
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: EXPRESS OIL CHANGE	
Legal Status:	Private
Date Became Current:	20050602
Date Ended Current:	Not reported
Owner/Operator Address:	190 WEST VALLEY AVE
Owner/Operator City,State,Zip:	BIRMINGHAM, AL 35209
Owner/Operator Telephone:	205-945-1771
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: EXPRESS OIL CHANGE	
Legal Status:	Private
Date Became Current:	20050602
Date Ended Current:	Not reported
Owner/Operator Address:	190 WEST VALLEY AVE
Owner/Operator City,State,Zip:	BIRMINGHAM, AL 35209
Owner/Operator Telephone:	205-945-1771
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

EXPRESS OIL CHANGE & TIRE ENGINEERS--PELHAM (Continued) **1004672166**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KENT FEAZELL
Legal Status: Private
Date Became Current: 20050602
Date Ended Current: Not reported
Owner/Operator Address: 190 WEST VALLEY AVE
Owner/Operator City,State,Zip: BIRMINGHAM, AL 35209
Owner/Operator Telephone: 205-945-1771
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KENT FEAZELL
Legal Status: Private
Date Became Current: 20050602
Date Ended Current: Not reported
Owner/Operator Address: 190 WEST VALLEY AVE
Owner/Operator City,State,Zip: BIRMINGHAM, AL 35209
Owner/Operator Telephone: 205-945-1771
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KENT FEAZELL
Legal Status: Private
Date Became Current: 20050602
Date Ended Current: Not reported
Owner/Operator Address: 190 WEST VALLEY AVE
Owner/Operator City,State,Zip: BIRMINGHAM, AL 35209
Owner/Operator Telephone: 205-945-1771
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KENT FEAZELL
Legal Status: Private
Date Became Current: 19800101
Date Ended Current: Not reported
Owner/Operator Address: 1880 SOUTH PARK DRIVE
Owner/Operator City,State,Zip: HOOVER, AL 35244
Owner/Operator Telephone: 205-945-1771
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: EXPRESS OIL CHANGE
Legal Status: Private
Date Became Current: 20050602
Date Ended Current: Not reported
Owner/Operator Address: 190 WEST VALLEY AVE
Owner/Operator City,State,Zip: BIRMINGHAM, AL 35209

EXPRESS OIL CHANGE & TIRE ENGINEERS--PELHAM (Continued) **1004672166**

Owner/Operator Telephone: 205-945-1771
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: EXPRESS OIL CHANGE
Legal Status: Private
Date Became Current: 19800101
Date Ended Current: Not reported
Owner/Operator Address: 1880 SOUTH PARK DRIVE
Owner/Operator City,State,Zip: HOOVER, AL 35244
Owner/Operator Telephone: 205-945-1771
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KENT FEAZELL
Legal Status: Private
Date Became Current: 19800101
Date Ended Current: Not reported
Owner/Operator Address: 1880 SOUTH PARK DRIVE
Owner/Operator City,State,Zip: HOOVER, AL 35244
Owner/Operator Telephone: 205-945-1771
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20010824
Handler Name: PEAK INC DBA EXPRESS OIL CHANGE
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20021029
Handler Name: PEAK INC DBA EXPRESS OIL CHANGE
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

EXPRESS OIL CHANGE & TIRE ENGINEERS--PELHAM (Continued) **1004672166**

Receive Date: 20040924
Handler Name: PEAK INC DBA EXPRESS OIL CHANGE
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060719
Handler Name: EXPRESS OIL CHANGE
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080723
Handler Name: EXPRESS OIL CHANGE
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20100805
Handler Name: EXPRESS OIL CHANGE
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20160906

EXPRESS OIL CHANGE & TIRE ENGINEERS--PELHAM (Continued) **1004672166**

Handler Name: EXPRESS OIL CHANGE
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20170719
Handler Name: EXPRESS OIL CHANGE
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20180727
Handler Name: EXPRESS OIL CHANGE
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20190808
Handler Name: EXPRESS OIL CHANGE
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20200819
Handler Name: EXPRESS OIL CHANGE

EXPRESS OIL CHANGE & TIRE ENGINEERS--PELHAM (Continued) **1004672166**

Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20210803
Handler Name: EXPRESS OIL CHANGE & TIRE ENGINEERS
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20220729
Handler Name: EXPRESS OIL CHANGE & TIRE ENGINEERS-PELHAM
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20230814
Handler Name: EXPRESS OIL CHANGE & TIRE ENGINEERS-PELHAM
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20240827
Handler Name: EXPRESS OIL CHANGE & TIRE ENGINEERS--PELHAM
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small

EXPRESS OIL CHANGE & TIRE ENGINEERS--PELHAM (Continued) **1004672166**

Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20250814
Handler Name: EXPRESS OIL CHANGE & TIRE ENGINEERS--PELHAM
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 81111
NAICS Description: Automotive Mechanical And Electrical Repair And Maintenance

NAICS Code: 811111
NAICS Description: General Automotive Repair

NAICS Code: 811118
NAICS Description: Other Automotive Mechanical And Electrical Repair And Maintenance

NAICS Code: 811191
NAICS Description: Automotive Oil Change And Lubrication Shops

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110012229436

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Alabama Department of Environmental Management (ADEM) Permit Tracking system provides data entry, retrieval, and accounting functions and includes brief general data about facilities, their ADEM permits and fees owed and/or paid.
The Resource Conservation and Recovery Act Information System

EXPRESS OIL CHANGE & TIRE ENGINEERS--PELHAM (Continued) **1004672166**

(RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004672166
Registry ID:	110012229436

DFR URL:

Name:	EXPRESS OIL CHANGE
Address:	2874 Us Highway 31
City,State,Zip:	PELHAM, AL 35124

C9 **LOADER SERVICES & EQUIPMENT INC** **RCRA NonGen / NLR** **1031462717**
West **319 BEARDEN ROAD** **ALR000071274**
1/8-1/4 **PELHAM, AL 35124**
0.234 mi.
1238 ft. **Site 1 of 3 in cluster C**

Relative: **Lower**

Actual: **448 ft.**

RCRA Listings:

Date Form Received by Agency:	20241216
Handler Name:	Loader Services & Equipment Inc
Handler Address:	Bearden Road
Handler City,State,Zip:	PELHAM, AL 35124
EPA ID:	ALR000071274
Contact Name:	JODY KNOX
Contact Address:	BEARDEN ROAD
Contact City,State,Zip:	PELHAM, AL 35124
Contact Telephone:	205-320-1000
Contact Fax:	Not reported
Contact Email:	JODY@BOBCATTRADER.COM
Contact Title:	GENERAL MANAGER
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	P O BOX 930
Mailing City,State,Zip:	PELHAM, AL 35124
Owner Name:	John P Howland Jr
Owner Type:	Private
Operator Name:	Loader Services & Equipment Inc
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No

LOADER SERVICES & EQUIPMENT INC (Continued) **1031462717**

Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20241216
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: LOADER SERVICES & EQUIPMENT INC	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	319 BEARDEN ROAD
Owner/Operator City,State,Zip:	PELHAM, AL 35124
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: JOHN P HOWLAND JR	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	319 BEARDEN ROAD
Owner/Operator City,State,Zip:	PELHAM, AL 35124
Owner/Operator Telephone:	Not reported

LOADER SERVICES & EQUIPMENT INC (Continued) **1031462717**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20241216
Handler Name: LOADER SERVICES & EQUIPMENT INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 423830
NAICS Description: Industrial Machinery And Equipment Merchant Wholesalers

Has the Facility Received Notices of Violations:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Used Oil - Generators
Date Violation was Determined: 20241205
Actual Return to Compliance Date: 20241210
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20241230
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: PES
Enforcement Responsible Sub-Organization: CES
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported

LOADER SERVICES & EQUIPMENT INC (Continued) **1031462717**

Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Used Oil - Generators
Date Violation was Determined: 20241205
Actual Return to Compliance Date: 20241216
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20241230
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: PES
Enforcement Responsible Sub-Organization: CES
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20241205
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: PES
Evaluation Responsible Sub-Organization: CES
Actual Return to Compliance Date: 20241210
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

LOADER SERVICES & EQUIPMENT INC (Continued) **1031462717**

Evaluation Date:	20241205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	PES
Evaluation Responsible Sub-Organization:	CES
Actual Return to Compliance Date:	20241216
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

C10 **VULCAN TERMITE & PEST CONTROL** **UST FINDER** **1028147867**
West **319 BEARDEN RD** **N/A**
1/8-1/4 **PELHAM, AL 35124**
0.234 mi.
1238 ft. **Site 2 of 3 in cluster C**

Relative: **Lower**
Actual: **448 ft.**

UST FINDER:

Object ID:	4118
Facility ID:	AL14242
Name:	Vulcan Termite & Pest Control
Address:	319 BEARDEN RD
City,State,Zip:	PELHAM, AL 35124
Address Match Type:	Not reported
Open USTs:	0
Closed USTs:	0
TOS USTs:	1
Population 1500ft:	352
Private Wells 1500ft:	4
Within 100yr Floodplain:	No
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	AL0001163_4987
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	031502020202
Facility Status:	Open UST(s)
Date of Last Inspection:	Not reported
EPA Region:	4
Tribe:	Not reported
Coordinate Source:	State
X Coord:	-86.813413
Y Coord:	33.3004240000001
Latitude:	33.300424
Longitude:	-86.813413

UST FINDER:

Object ID:	48541
Facility ID:	AL14242
Tank ID:	AL14242_1

VULCAN TERMITE & PEST CONTROL (Continued) **1028147867**

Tank Status:	Temporarily out of Service
Installation Date:	Not reported
Removal Date:	Not reported
Tank Capacity:	Not reported
Substances:	UNLEADED GASOLINE
Tank Wall Type:	Not reported

C11 **BOBCAT LOADER SERVICES** **AL UST** **U004451509**
West **319 BEARDEN RD** **AL Financial Assurance** **N/A**
1/8-1/4 **PELHAM, AL 35124**
0.234 mi.
1238 ft. **Site 3 of 3 in cluster C**

Relative:
Lower

Actual:
448 ft.

UST:

Name:	BOBCAT LOADER SERVICES
Address:	319 BEARDEN RD
City,State,Zip:	PELHAM, AL 35124
Facility ID:	16344 117 14242
Facility ID 2:	Not reported
Account Number:	16344
Site ID Number:	14242
Contact Name:	Not reported
Contact Phone:	Not reported
Exempt:	Not reported
Located Within Indian Lands:	Not reported
GPS Latitude:	33.3004
GPS Longitude:	-86.8134
Located Wellhead Protection:	Not reported
Cannot Locate Site:	Not reported
Abandoned Site:	Not reported
Residence Adjacent:	Not reported
Residence Within 300 ft:	Not reported
Under Dispersion Containment:	Not reported
UDC Insp. Date:	Not reported
UDC Insp. Results:	Not reported
Date Last Inspected:	Not reported

UST:

Account number:	16344
Site ID:	14242
Facility ID:	16344 117 14242
Last Usage Date:	1/1/1999
Install Date:	1/1/1901
Capacity:	9999999
Compartments:	Not reported
Unleaded Gas:	X
Midgrade Gas:	Not reported
Premium Gas:	Not reported
Diesel:	Not reported
Kerosene:	Not reported
Aviation Fuel:	Not reported
Used Oil:	Not reported
Virgin Oil:	Not reported
Local Government:	Not reported
State and Federal:	Not reported
Steel:	X
Fiberglass and Plastic:	Not reported

BOBCAT LOADER SERVICES (Continued) **U004451509**

Cathodic Protection:	X
Field Installed Cathodic:	Not reported
Interior Lined:	Not reported
Three Year CP Test Date:	Not reported
Bare Steel:	X
Fiberglass/Plastic:	Not reported
Flexible:	Not reported
Three Year CP Test Date:	Not reported
Catchment Basin:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
ATG:	Not reported
Continuous ATG:	Not reported
Secondary:	Not reported
Vapor:	Not reported
Groundwater:	X
Statistical Inv Reconciled:	Not reported
Annual Test Date:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	Not reported
Vapor Monitoring:	Not reported
Sir 15:	Not reported
Interstitial W2 Cont:	Not reported
Line Tight 3 Years Test Date:	Not reported
Check Value:	Not reported
Gravity P:	Not reported
Unique Tank Number:	38722
Cannot Locate:	Not reported
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Number Manifolds:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Submersible Pump Sump Inspection Date:	2001-01-01
Tank Number:	1
Current A1:	Not reported
Temporary A2:	X
Retired:	Not reported
Permanent A3:	Not reported
Removal Date 3:	Not reported
Inert:	Not reported
Inert Date 3:	Not reported
Closed Without Assessment:	Not reported
Within Distance of Well 1:	Not reported
Other Petro E1L:	Not reported
Cercla Substance Name E2A:	Not reported
Cas Number E2B:	Not reported
Retail Tank F2:	Not reported
Bulk Facility Tank F3:	Not reported
Industrial Tank F4:	Not reported
Farm Residential F7:	Not reported

BOBCAT LOADER SERVICES (Continued) **U004451509**

Other Material G3:	Not reported
Other Extern H6:	Not reported
Three Year CP Review H:	Not reported
Other Pipe I4:	Not reported
Three Year CP Review J:	Not reported
Other External Prot Pipe J3:	Not reported
Test Date K:	2001-01-01 00:00:00
T Test 13 M3:	Not reported
TT Test Reviewed:	Not reported
Tight Test Date 13:	Not reported
Other M11:	Not reported
Other N1D:	Not reported
LF Test Reviewed:	Not reported
Groundwater Monitoring N2D:	Not reported
Other N2H:	Not reported
Line Tightness Testing 3YRS O1:	Not reported
Sir 15 07:	Not reported
Tank Comments:	UST Currently In Use: 0; UST Temp Close: 1; AST Currently In Use: 0; AST Temp Closed: 0
Substance Stored:	Petroleum
Substance Stored:	Unleaded gasoline
Tank Status:	Temporary Closed
Tank Location:	Not reported
Date Sold:	Not reported
Date Removed:	Not reported
Tank Usage:	Not reported
Tank Material:	Steel

UST:

Account number:	16344
Owner Name:	VULCAN TERMITE AND PEST CONTROL
Owner Address:	319 BEARDEN RD
Owner City:	PELHAM
Owner State:	AL
Owner Zip:	35124
Owner Zip 2:	Not reported
Owner Telephone:	2056634200
Owner Type 2:	P
GSA ID:	Not reported
Owner Contact Name:	JAMES B PRICE
Owner Contact Telephone:	2056634200
Exempt:	Not reported

AL Financial Assurance:

Name:	BOBCAT LOADER SERVICES
Address:	319 BEARDEN RD
City,State,Zip:	PELHAM, AL 35124
Account Number:	16344
Site ID Number:	14242
Facility Contact:	Not reported
Facility Contact Phone:	Not reported
Tank Number:	1
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported

BOBCAT LOADER SERVICES (Continued) **U004451509**

Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: Not reported
Self Insured 18 R2C: Not reported

D12 **JACKS RADIATOR AND GARAGE** **AL LUST** **S129393594**
SSW **3017 PELHAM PARKWAY** **N/A**
1/4-1/2 **PELHAM, AL**
0.373 mi.
1972 ft. **Site 1 of 2 in cluster D**

Relative:
Higher

Actual:
476 ft.

LUST:

Name:	JACKS RADIATOR AND GARAGE
Address:	3017 PELHAM PARKWAY
City,State,Zip:	PELHAM, AL
Facility ID:	000000
Account Number:	00000
Incident Number:	UST03
Searchable Incident Number:	UST03-09-06
NFA Issued:	Closed
Owner Name:	LEE MANISCALCO
Owner Address:	2639 RILLWOOD ROAD
Owner City,St,Zip:	BIRMINGHAM, AL 35243
Incident Month/Yr:	06/09
Latitude:	33.29466
Longitude:	-86.811493

D13 **JACKS RADIATOR AND GARAGE** **UST FINDER RELEASE** **1029004609**
SSW **3017 PELHAM PARKWAY** **N/A**
1/4-1/2 **PELHAM, AL 0**
0.373 mi.
1972 ft. **Site 2 of 2 in cluster D**

Relative:
Higher

Actual:
476 ft.

UST FINDER RELEASE:

Object ID:	5830
Facility ID:	Not reported
Lust ID:	AL125
Name:	JACKS RADIATOR AND GARAGE
Address:	3017 PELHAM PARKWAY
City,State,Zip:	PELHAM, AL 0
Address Match Type:	Not reported
Reported Date:	2003/09/01 15:59:59+00
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	143
Domestic Wells within 1500ft:	4
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	No
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported

JACKS RADIATOR AND GARAGE (Continued) **1029004609**

WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	4
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	State
X Coord:	-86.8114899999999
Y Coord:	33.2946600000001
Latitude:	33.29466
Longitude:	-86.81149

E14 **AL0014** **AL LUST** **U000763951**
SSW **3071 PELHAM PARKWAY** **AL UST** **N/A**
1/4-1/2 **PELHAM, AL 35124** **AL Financial Assurance**
0.487 mi.
2573 ft. **Site 1 of 2 in cluster E**

Relative: **Lower**
Actual: **471 ft.**

LUST:

Name:	EXPRESSWAY SHELL STATION
Address:	3071 PELHAM PARKWAY
City,State,Zip:	PELHAM, AL 35124
Facility ID:	001286
Account Number:	21228
Incident Number:	UST04
Searchable Incident Number:	UST04-07-04
NFA Issued:	Closed
Owner Name:	EXPRESSWAY INC.
Owner Address:	4948 CALDWELL MILL ROAD
Owner City,St,Zip:	BIRMINGHAM, AL 34242
Incident Month/Yr:	04/07
Latitude:	33.293149
Longitude:	-86.811431

Name:	EXPRESSWAY INC SHELL STATION
Address:	3071 PELHAM PARKWAY
City,State,Zip:	PELHAM, AL 35124
Facility ID:	001286
Account Number:	21228
Incident Number:	UST08
Searchable Incident Number:	UST08-06-04
NFA Issued:	Closed
Owner Name:	EXPRESSWAY INC
Owner Address:	4948 CALDWELL MILL ROAD
Owner City,St,Zip:	BIRMINGHAM, AL 34242
Incident Month/Yr:	04/06
Latitude:	33.293149
Longitude:	-86.811431

UST:

Name:	AL0014
Address:	3071 PELHAM PARKWAY
City,State,Zip:	PELHAM, AL 35124

AL0014 (Continued) **U000763951**

Facility ID:	25265 117 1286
Facility ID 2:	Not reported
Account Number:	25265
Site ID Number:	1286
Contact Name:	Not reported
Contact Phone:	Not reported
Exempt:	Not reported
Located Within Indian Lands:	Not reported
GPS Latitude:	33.2931
GPS Longitude:	-86.8114
Located Wellhead Protection:	Not reported
Cannot Locate Site:	Not reported
Abandoned Site:	Not reported
Residence Adjacent:	Not reported
Residence Within 300 ft:	Not reported
Under Dispersion Containment:	Not reported
UDC Insp. Date:	Not reported
UDC Insp. Results:	Not reported
Date Last Inspected:	Not reported

UST:

Account number:	25265
Site ID:	1286
Facility ID:	25265 117 1286
Last Usage Date:	4/19/1994
Install Date:	1/1/1974
Capacity:	4000
Compartments:	Not reported
Unleaded Gas:	X
Midgrade Gas:	Not reported
Premium Gas:	Not reported
Diesel:	Not reported
Kerosene:	Not reported
Aviation Fuel:	Not reported
Used Oil:	Not reported
Virgin Oil:	Not reported
Local Government:	Not reported
State and Federal:	Not reported
Steel:	X
Fiberglass and Plastic:	Not reported
Cathodic Protection:	Not reported
Field Installed Cathodic:	Not reported
Interior Lined:	Not reported
Three Year CP Test Date:	Not reported
Bare Steel:	X
Fiberglass/Plastic:	Not reported
Flexible:	Not reported
Three Year CP Test Date:	Not reported
Catchment Basin:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
ATG:	Not reported
Continuous ATG:	Not reported
Secondary:	Not reported
Vapor:	Not reported
Groundwater:	Not reported
Statistical Inv Reconciled:	Not reported

AL0014 (Continued) **U000763951**

Annual Test Date:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	Not reported
Vapor Monitoring:	Not reported
Sir 15:	Not reported
Interstitial W2 Cont:	Not reported
Line Tight 3 Years Test Date:	Not reported
Check Value:	Not reported
Gravity P:	Not reported
Unique Tank Number:	15103
Cannot Locate:	Not reported
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Number Manifolds:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Submersible Pump Sump Inspection Date:	2001-01-01
Tank Number:	1
Current A1:	Not reported
Temporary A2:	Not reported
Retired:	Not reported
Permanent A3:	X
Removal Date 3:	1994-04-19 00:00:00
Inert:	Not reported
Inert Date 3:	Not reported
Closed Without Assessment:	Not reported
Within Distance of Well 1:	Not reported
Other Petro E1L:	Not reported
Cercla Substance Name E2A:	Not reported
Cas Number E2B:	Not reported
Retail Tank F2:	Not reported
Bulk Facility Tank F3:	Not reported
Industrial Tank F4:	Not reported
Farm Residential F7:	Not reported
Other Material G3:	Not reported
Other Extern H6:	Not reported
Three Year CP Review H:	Not reported
Other Pipe I4:	Not reported
Three Year CP Review J:	Not reported
Other External Prot Pipe J3:	Not reported
Test Date K:	2001-01-01 00:00:00
T Test 13 M3:	X
TT Test Reviewed:	Not reported
Tight Test Date 13:	1992-11-11 00:00:00
Other M11:	Not reported
Other N1D:	Not reported
LF Test Reviewed:	Not reported
Groundwater Monitoring N2D:	Not reported
Other N2H:	Not reported
Line Tightness Testing 3YRS O1:	Not reported
Sir 15 07:	Not reported
Tank Comments:	UST Currently In Use: 2; UST Temp Close: 0; AST Currently In Use: 0;

AL0014 (Continued) **U000763951**

AST Temp Closed: 0
Substance Stored: Petroleum
Substance Stored: Unleaded gasoline
Tank Status: Permanently Closed
Tank Location: Not reported
Date Sold: Not reported
Date Removed: 4/19/1994
Tank Usage: Not reported
Tank Material: Steel

UST:
Account number: 25265
Owner Name: LGWS/CROSS AMERICA PARTNERS
Owner Address: 645 HAMILTON STREET, SUITE 400
Owner City: ALLENTOWN
Owner State: PA
Owner Zip: 18101
Owner Zip 2: Not reported
Owner Telephone: 6106258086
Owner Type 2: P
GSA ID: Not reported
Owner Contact Name: JEREMY HOLLAND
Owner Contact Telephone: 6106258061
Exempt: Not reported

Account number: 25265
Site ID: 1286
Facility ID: 25265 117 1286
Last Usage Date: 4/19/1994
Install Date: 1/1/1974
Capacity: 4000
Compartments: Not reported
Unleaded Gas: X
Midgrade Gas: Not reported
Premium Gas: Not reported
Diesel: Not reported
Kerosene: Not reported
Aviation Fuel: Not reported
Used Oil: Not reported
Virgin Oil: Not reported
Local Government: Not reported
State and Federal: Not reported
Steel: X
Fiberglass and Plastic: Not reported
Cathodic Protection: Not reported
Field Installed Cathodic: Not reported
Interior Lined: Not reported
Three Year CP Test Date: Not reported
Bare Steel: X
Fiberglass/Plastic: Not reported
Flexible: Not reported
Three Year CP Test Date: Not reported
Catchment Basin: Not reported
Flow Restrictor: Not reported
Auto Shutoff: Not reported
Alarm: Not reported
ATG: Not reported

AL0014 (Continued) **U000763951**

Continuous ATG:	Not reported
Secondary:	Not reported
Vapor:	Not reported
Groundwater:	Not reported
Statistical Inv Reconciled:	Not reported
Annual Test Date:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	Not reported
Vapor Monitoring:	Not reported
Sir 15:	Not reported
Interstitial W2 Cont:	Not reported
Line Tight 3 Years Test Date:	Not reported
Check Value:	Not reported
Gravity P:	Not reported
Unique Tank Number:	15104
Cannot Locate:	Not reported
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Number Manifolds:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Submersible Pump Sump Inspection Date:	2001-01-01
Tank Number:	2
Current A1:	Not reported
Temporary A2:	Not reported
Retired:	Not reported
Permanent A3:	X
Removal Date 3:	1994-04-19 00:00:00
Inert:	Not reported
Inert Date 3:	Not reported
Closed Without Assessment:	Not reported
Within Distance of Well 1:	Not reported
Other Petro E1L:	Not reported
Cercla Substance Name E2A:	Not reported
Cas Number E2B:	Not reported
Retail Tank F2:	Not reported
Bulk Facility Tank F3:	Not reported
Industrial Tank F4:	Not reported
Farm Residential F7:	Not reported
Other Material G3:	Not reported
Other Extern H6:	Not reported
Three Year CP Review H:	Not reported
Other Pipe I4:	Not reported
Three Year CP Review J:	Not reported
Other External Prot Pipe J3:	Not reported
Test Date K:	2001-01-01 00:00:00
T Test 13 M3:	X
TT Test Reviewed:	Not reported
Tight Test Date 13:	1992-11-11 00:00:00
Other M11:	Not reported
Other N1D:	Not reported
LF Test Reviewed:	Not reported

AL0014 (Continued) **U000763951**

Groundwater Monitoring N2D:	Not reported
Other N2H:	Not reported
Line Tightness Testing 3YRS O1:	Not reported
Sir 15 07:	Not reported
Tank Comments:	UST Currently In Use: 2; UST Temp Close: 0; AST Currently In Use: 0; AST Temp Closed: 0
Substance Stored:	Petroleum
Substance Stored:	Unleaded gasoline
Tank Status:	Permanently Closed
Tank Location:	Not reported
Date Sold:	Not reported
Date Removed:	4/19/1994
Tank Usage:	Not reported
Tank Material:	Steel

UST:

Account number:	25265
Owner Name:	LGWS/CROSS AMERICA PARTNERS
Owner Address:	645 HAMILTON STREET, SUITE 400
Owner City:	ALLENTOWN
Owner State:	PA
Owner Zip:	18101
Owner Zip 2:	Not reported
Owner Telephone:	6106258086
Owner Type 2:	P
GSA ID:	Not reported
Owner Contact Name:	JEREMY HOLLAND
Owner Contact Telephone:	6106258061
Exempt:	Not reported

Account number:	25265
Site ID:	1286
Facility ID:	25265 117 1286
Last Usage Date:	4/19/1994
Install Date:	1/1/1974
Capacity:	4000
Compartments:	Not reported
Unleaded Gas:	X
Midgrade Gas:	Not reported
Premium Gas:	Not reported
Diesel:	Not reported
Kerosene:	Not reported
Aviation Fuel:	Not reported
Used Oil:	Not reported
Virgin Oil:	Not reported
Local Government:	Not reported
State and Federal:	Not reported
Steel:	X
Fiberglass and Plastic:	Not reported
Cathodic Protection:	Not reported
Field Installed Cathodic:	Not reported
Interior Lined:	Not reported
Three Year CP Test Date:	Not reported
Bare Steel:	X
Fiberglass/Plastic:	Not reported
Flexible:	Not reported
Three Year CP Test Date:	Not reported

AL0014 (Continued) **U000763951**

Catchment Basin:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
ATG:	Not reported
Continuous ATG:	Not reported
Secondary:	Not reported
Vapor:	Not reported
Groundwater:	Not reported
Statistical Inv Reconciled:	Not reported
Annual Test Date:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	Not reported
Vapor Monitoring:	Not reported
Sir 15:	Not reported
Interstitial W2 Cont:	Not reported
Line Tight 3 Years Test Date:	Not reported
Check Value:	Not reported
Gravity P:	Not reported
Unique Tank Number:	15105
Cannot Locate:	Not reported
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Number Manifolds:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Submersible Pump Sump Inspection Date:	2001-01-01
Tank Number:	3
Current A1:	Not reported
Temporary A2:	Not reported
Retired:	Not reported
Permanent A3:	X
Removal Date 3:	1994-04-19 00:00:00
Inert:	Not reported
Inert Date 3:	Not reported
Closed Without Assessment:	Not reported
Within Distance of Well 1:	Not reported
Other Petro E1L:	Not reported
Cercla Substance Name E2A:	Not reported
Cas Number E2B:	Not reported
Retail Tank F2:	Not reported
Bulk Facility Tank F3:	Not reported
Industrial Tank F4:	Not reported
Farm Residential F7:	Not reported
Other Material G3:	Not reported
Other Extern H6:	Not reported
Three Year CP Review H:	Not reported
Other Pipe I4:	Not reported
Three Year CP Review J:	Not reported
Other External Prot Pipe J3:	Not reported
Test Date K:	2001-01-01 00:00:00
T Test 13 M3:	X

AL0014 (Continued) **U000763951**

TT Test Reviewed:	Not reported
Tight Test Date 13:	1992-11-11 00:00:00
Other M11:	Not reported
Other N1D:	Not reported
LF Test Reviewed:	Not reported
Groundwater Monitoring N2D:	Not reported
Other N2H:	Not reported
Line Tightness Testing 3YRS O1:	Not reported
Sir 15 07:	Not reported
Tank Comments:	UST Currently In Use: 2; UST Temp Close: 0; AST Currently In Use: 0; AST Temp Closed: 0
Substance Stored:	Petroleum
Substance Stored:	Unleaded gasoline
Tank Status:	Permanently Closed
Tank Location:	Not reported
Date Sold:	Not reported
Date Removed:	4/19/1994
Tank Usage:	Not reported
Tank Material:	Steel

UST:

Account number:	25265
Owner Name:	LGWS/CROSS AMERICA PARTNERS
Owner Address:	645 HAMILTON STREET, SUITE 400
Owner City:	ALLENTOWN
Owner State:	PA
Owner Zip:	18101
Owner Zip 2:	Not reported
Owner Telephone:	6106258086
Owner Type 2:	P
GSA ID:	Not reported
Owner Contact Name:	JEREMY HOLLAND
Owner Contact Telephone:	6106258061
Exempt:	Not reported

Account number:	25265
Site ID:	1286
Facility ID:	25265 117 1286
Last Usage Date:	Not reported
Install Date:	5/23/1994
Capacity:	12000
Compartments:	Not reported
Unleaded Gas:	X
Midgrade Gas:	Not reported
Premium Gas:	Not reported
Diesel:	Not reported
Kerosene:	Not reported
Aviation Fuel:	Not reported
Used Oil:	Not reported
Virgin Oil:	Not reported
Local Government:	Not reported
State and Federal:	Not reported
Steel:	Not reported
Fiberglass and Plastic:	X
Cathodic Protection:	Not reported
Field Installed Cathodic:	Not reported
Interior Lined:	Not reported

AL0014 (Continued) **U000763951**

Three Year CP Test Date:	Not reported
Bare Steel:	Not reported
Fiberglass/Plastic:	Not reported
Flexible:	X
Three Year CP Test Date:	Not reported
Catchment Basin:	X
Flow Restrictor:	X
Auto Shutoff:	Not reported
Alarm:	Not reported
ATG:	Not reported
Continuous ATG:	X
Secondary:	Not reported
Vapor:	Not reported
Groundwater:	Not reported
Statistical Inv Reconciled:	Not reported
Annual Test Date:	2017-09-07
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	Not reported
Vapor Monitoring:	Not reported
Sir 15:	Not reported
Interstitial W2 Cont:	X
Line Tight 3 Years Test Date:	Not reported
Check Value:	Not reported
Gravity P:	Not reported
Unique Tank Number:	45108
Cannot Locate:	Not reported
Year of Last Sir Report:	2010
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Number Manifolds:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Submersible Pump Sump Inspection Date:	2017-09-07
Tank Number:	4
Current A1:	X
Temporary A2:	Not reported
Retired:	Not reported
Permanent A3:	Not reported
Removal Date 3:	Not reported
Inert:	Not reported
Inert Date 3:	Not reported
Closed Without Assessment:	Not reported
Within Distance of Well 1:	Not reported
Other Petro E1L:	Not reported
Cercla Substance Name E2A:	Not reported
Cas Number E2B:	Not reported
Retail Tank F2:	X
Bulk Facility Tank F3:	Not reported
Industrial Tank F4:	Not reported
Farm Residential F7:	Not reported
Other Material G3:	Not reported
Other Extern H6:	Not reported
Three Year CP Review H:	Not reported

AL0014 (Continued) **U000763951**

Other Pipe I4:	Not reported
Three Year CP Review J:	Not reported
Other External Prot Pipe J3:	Not reported
Test Date K:	2018-10-04 00:00:00
T Test 13 M3:	Not reported
TT Test Reviewed:	Not reported
Tight Test Date 13:	Not reported
Other M11:	Not reported
Other N1D:	Not reported
LF Test Reviewed:	Not reported
Groundwater Monitoring N2D:	Not reported
Other N2H:	Not reported
Line Tightness Testing 3YRS O1:	Not reported
Sir 15 07:	Not reported
Tank Comments:	UST Currently In Use: 2; UST Temp Close: 0; AST Currently In Use: 0; AST Temp Closed: 0
Substance Stored:	Petroleum
Substance Stored:	Unleaded gasoline
Tank Status:	Currently in Use
Tank Location:	Not reported
Date Sold:	Not reported
Date Removed:	Not reported
Tank Usage:	Retail
Tank Material:	Fiberglass reinforced plastic

UST:

Account number:	25265
Owner Name:	LGWS/CROSS AMERICA PARTNERS
Owner Address:	645 HAMILTON STREET, SUITE 400
Owner City:	ALLENTOWN
Owner State:	PA
Owner Zip:	18101
Owner Zip 2:	Not reported
Owner Telephone:	6106258086
Owner Type 2:	P
GSA ID:	Not reported
Owner Contact Name:	JEREMY HOLLAND
Owner Contact Telephone:	6106258061
Exempt:	Not reported

Account number:	25265
Site ID:	1286
Facility ID:	25265 117 1286
Last Usage Date:	Not reported
Install Date:	5/23/1994
Capacity:	12000
Compartments:	Not reported
Unleaded Gas:	Not reported
Midgrade Gas:	Not reported
Premium Gas:	X
Diesel:	Not reported
Kerosene:	Not reported
Aviation Fuel:	Not reported
Used Oil:	Not reported
Virgin Oil:	Not reported
Local Government:	Not reported
State and Federal:	Not reported

AL0014 (Continued) **U000763951**

Steel:	Not reported
Fiberglass and Plastic:	X
Cathodic Protection:	Not reported
Field Installed Cathodic:	Not reported
Interior Lined:	Not reported
Three Year CP Test Date:	Not reported
Bare Steel:	Not reported
Fiberglass/Plastic:	Not reported
Flexible:	X
Three Year CP Test Date:	Not reported
Catchment Basin:	X
Flow Restrictor:	X
Auto Shutoff:	Not reported
Alarm:	Not reported
ATG:	Not reported
Continuous ATG:	X
Secondary:	Not reported
Vapor:	Not reported
Groundwater:	Not reported
Statistical Inv Reconciled:	Not reported
Annual Test Date:	2017-09-07
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	Not reported
Vapor Monitoring:	Not reported
Sir 15:	Not reported
Interstitial W2 Cont:	X
Line Tight 3 Years Test Date:	Not reported
Check Value:	Not reported
Gravity P:	Not reported
Unique Tank Number:	45109
Cannot Locate:	Not reported
Year of Last Sir Report:	2010
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Number Manifolds:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Submersible Pump Sump Inspection Date:	2017-09-07
Tank Number:	5
Current A1:	X
Temporary A2:	Not reported
Retired:	Not reported
Permanent A3:	Not reported
Removal Date 3:	Not reported
Inert:	Not reported
Inert Date 3:	Not reported
Closed Without Assessment:	Not reported
Within Distance of Well 1:	Not reported
Other Petro E1L:	Not reported
Cercla Substance Name E2A:	Not reported
Cas Number E2B:	Not reported
Retail Tank F2:	X
Bulk Facility Tank F3:	Not reported

AL0014 (Continued) **U000763951**

Industrial Tank F4:	Not reported
Farm Residential F7:	Not reported
Other Material G3:	Not reported
Other Extern H6:	Not reported
Three Year CP Review H:	Not reported
Other Pipe I4:	Not reported
Three Year CP Review J:	Not reported
Other External Prot Pipe J3:	Not reported
Test Date K:	2018-10-04 00:00:00
T Test 13 M3:	Not reported
TT Test Reviewed:	Not reported
Tight Test Date 13:	Not reported
Other M11:	Not reported
Other N1D:	Not reported
LF Test Reviewed:	Not reported
Groundwater Monitoring N2D:	Not reported
Other N2H:	Not reported
Line Tightness Testing 3YRS O1:	Not reported
Sir 15 07:	Not reported
Tank Comments:	UST Currently In Use: 2; UST Temp Close: 0; AST Currently In Use: 0; AST Temp Closed: 0
Substance Stored:	Petroleum
Substance Stored:	Premium gasoline
Tank Status:	Currently in Use
Tank Location:	Not reported
Date Sold:	Not reported
Date Removed:	Not reported
Tank Usage:	Retail
Tank Material:	Fiberglass reinforced plastic

UST:

Account number:	25265
Owner Name:	LGWS/CROSS AMERICA PARTNERS
Owner Address:	645 HAMILTON STREET, SUITE 400
Owner City:	ALLENTOWN
Owner State:	PA
Owner Zip:	18101
Owner Zip 2:	Not reported
Owner Telephone:	6106258086
Owner Type 2:	P
GSA ID:	Not reported
Owner Contact Name:	JEREMY HOLLAND
Owner Contact Telephone:	6106258061
Exempt:	Not reported

AL Financial Assurance:

Name:	AL0014
Address:	3071 PELHAM PARKWAY
City,State,Zip:	PELHAM, AL 35124
Account Number:	25265
Site ID Number:	1286
Facility Contact:	Not reported
Facility Contact Phone:	Not reported
Tank Number:	1
Compliance AUST 18 R1:	Not reported

AL0014 (Continued) **U000763951**

Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: Not reported
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: Not reported
Self Insured 18 R2C: Not reported

Name: AL0014
Address: 3071 PELHAM PARKWAY
City,State,Zip: PELHAM, AL 35124
Account Number: 25265
Site ID Number: 1286
Facility Contact: Not reported
Facility Contact Phone: Not reported
Tank Number: 2
Compliance AUST 18 R1: Not reported
Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: Not reported
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: Not reported
Self Insured 18 R2C: Not reported

Name: AL0014
Address: 3071 PELHAM PARKWAY
City,State,Zip: PELHAM, AL 35124
Account Number: 25265
Site ID Number: 1286
Facility Contact: Not reported
Facility Contact Phone: Not reported
Tank Number: 3
Compliance AUST 18 R1: Not reported
Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: Not reported
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: Not reported
Self Insured 18 R2C: Not reported

Name: AL0014
Address: 3071 PELHAM PARKWAY
City,State,Zip: PELHAM, AL 35124
Account Number: 25265
Site ID Number: 1286
Facility Contact: Not reported
Facility Contact Phone: Not reported
Tank Number: 4
Compliance AUST 18 R1: Not reported
Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: Not reported
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: Not reported

AL0014 (Continued) **U000763951**

Self Insured 18 R2C:	Not reported
Name:	AL0014
Address:	3071 PELHAM PARKWAY
City,State,Zip:	PELHAM, AL 35124
Account Number:	25265
Site ID Number:	1286
Facility Contact:	Not reported
Facility Contact Phone:	Not reported
Tank Number:	5
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

E15 **EXPRESSWAY SHELL STATION** **UST FINDER** **1028146577**
SSW **3071 PELHAM PARKWAY** **UST FINDER RELEASE** **N/A**
1/4-1/2 **PELHAM, AL 0**
0.487 mi.
2573 ft. **Site 2 of 2 in cluster E**

Relative: **Lower**
Actual: **471 ft.**

UST FINDER:

Object ID:	2817
Facility ID:	AL1286
Name:	Al0014
Address:	3071 PELHAM PARKWAY
City,State,Zip:	PELHAM, AL 35124
Address Match Type:	Not reported
Open USTs:	2
Closed USTs:	3
TOS USTs:	0
Population 1500ft:	131
Private Wells 1500ft:	4
Within 100yr Floodplain:	No
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	No
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Facility Status:	Open UST(s)
Date of Last Inspection:	Not reported
EPA Region:	4
Tribe:	Not reported
Coordinate Source:	State
X Coord:	-86.811431
Y Coord:	33.293149
Latitude:	33.293149
Longitude:	-86.811431

EXPRESSWAY SHELL STATION (Continued) **1028146577**

UST FINDER:

Object ID:	34561
Facility ID:	AL1286
Tank ID:	AL1286_4
Tank Status:	Open
Installation Date:	1994/05/23 15:59:59+00
Removal Date:	Not reported
Tank Capacity:	12000
Substances:	UNLEADED GASOLINE
Tank Wall Type:	Not reported

Object ID:	34562
Facility ID:	AL1286
Tank ID:	AL1286_5
Tank Status:	Open
Installation Date:	1994/05/23 15:59:59+00
Removal Date:	Not reported
Tank Capacity:	12000
Substances:	PREMIUM GASOLINE
Tank Wall Type:	Not reported

Object ID:	12914
Facility ID:	AL1286
Tank ID:	AL1286_1
Tank Status:	Closed
Installation Date:	1974/01/01 16:00:00+00
Removal Date:	1994/04/19 15:59:59+00
Tank Capacity:	4000
Substances:	UNLEADED GASOLINE
Tank Wall Type:	Not reported

Object ID:	12915
Facility ID:	AL1286
Tank ID:	AL1286_2
Tank Status:	Closed
Installation Date:	1974/01/01 16:00:00+00
Removal Date:	1994/04/19 15:59:59+00
Tank Capacity:	4000
Substances:	UNLEADED GASOLINE
Tank Wall Type:	Not reported

Object ID:	12916
Facility ID:	AL1286
Tank ID:	AL1286_3
Tank Status:	Closed
Installation Date:	1974/01/01 16:00:00+00
Removal Date:	1994/04/19 15:59:59+00
Tank Capacity:	4000
Substances:	UNLEADED GASOLINE
Tank Wall Type:	Not reported

UST FINDER RELEASE:

Object ID:	5833
Facility ID:	AL1286
Lust ID:	AL1363

EXPRESSWAY SHELL STATION (Continued) **1028146577**

Name:	EXPRESSWAY SHELL STATION
Address:	3071 PELHAM PARKWAY
City,State,Zip:	PELHAM, AL 0
Address Match Type:	Not reported
Reported Date:	2004/07/01 15:59:59+00
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	131
Domestic Wells within 1500ft:	4
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	No
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	4
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	State
X Coord:	-86.81143
Y Coord:	33.29315
Latitude:	33.2931499999999
Longitude:	-86.81143

Object ID:	5834
Facility ID:	AL1286
Lust ID:	AL1364
Name:	EXPRESSWAY INC SHELL STATION
Address:	3071 PELHAM PARKWAY
City,State,Zip:	PELHAM, AL 0
Address Match Type:	Not reported
Reported Date:	2008/06/01 15:59:59+00
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	131
Domestic Wells within 1500ft:	4
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	No
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported

EXPRESSWAY SHELL STATION (Continued) **1028146577**

Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	4
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	State
X Coord:	-86.81143
Y Coord:	33.29315
Latitude:	33.2931499999999
Longitude:	-86.81143

Count: 1 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SHELBY COUNTY	1014665325	PELHAM PARKWAY PARTNERS	OFFICE WAREHOUSE BUILDINGS PEL		FINDS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/26/2025
Date Data Arrived at EDR: 01/05/2026
Date Made Active in Reports: 01/22/2026
Number of Days to Update: 17

Source: EPA
Telephone: N/A
Last EDR Contact: 03/02/2026
Next Scheduled EDR Contact: 04/06/2026
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/26/2025
Date Data Arrived at EDR: 01/05/2026
Date Made Active in Reports: 01/22/2026
Number of Days to Update: 17

Source: EPA
Telephone: N/A
Last EDR Contact: 03/02/2026
Next Scheduled EDR Contact: 04/06/2026
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/26/2025
Date Data Arrived at EDR: 01/05/2026
Date Made Active in Reports: 01/22/2026
Number of Days to Update: 17

Source: EPA
Telephone: N/A
Last EDR Contact: 03/02/2026
Next Scheduled EDR Contact: 04/06/2026
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/10/2025
Date Data Arrived at EDR: 12/10/2025
Date Made Active in Reports: 02/12/2026
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 12/10/2025
Next Scheduled EDR Contact: 04/06/2026
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/26/2025
Date Data Arrived at EDR: 01/05/2026
Date Made Active in Reports: 01/22/2026
Number of Days to Update: 17

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/02/2026
Next Scheduled EDR Contact: 04/20/2026
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 12/26/2025
Date Data Arrived at EDR: 01/05/2026
Date Made Active in Reports: 01/22/2026
Number of Days to Update: 17

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/02/2026
Next Scheduled EDR Contact: 04/20/2026
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 11/30/2025
Date Data Arrived at EDR: 12/03/2025
Date Made Active in Reports: 12/10/2025
Number of Days to Update: 7

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/03/2025
Next Scheduled EDR Contact: 03/30/2026
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 11/30/2025
Date Data Arrived at EDR: 12/03/2025
Date Made Active in Reports: 12/10/2025
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 12/03/2025
Next Scheduled EDR Contact: 03/30/2026
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 11/30/2025
Date Data Arrived at EDR: 12/03/2025
Date Made Active in Reports: 12/10/2025
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 12/03/2025
Next Scheduled EDR Contact: 03/30/2026
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 11/30/2025
Date Data Arrived at EDR: 12/03/2025
Date Made Active in Reports: 12/10/2025
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 12/03/2025
Next Scheduled EDR Contact: 03/30/2026
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 11/30/2025
Date Data Arrived at EDR: 12/03/2025
Date Made Active in Reports: 12/10/2025
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 12/03/2025
Next Scheduled EDR Contact: 03/30/2026
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 03/11/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 06/24/2025
Number of Days to Update: 83

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 01/28/2026
Next Scheduled EDR Contact: 05/18/2026
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/30/2025
Date Data Arrived at EDR: 11/11/2025
Date Made Active in Reports: 11/12/2025
Number of Days to Update: 1

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/17/2026
Next Scheduled EDR Contact: 06/01/2026
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 10/30/2025
Date Data Arrived at EDR: 11/11/2025
Date Made Active in Reports: 11/12/2025
Number of Days to Update: 1

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/17/2026
Next Scheduled EDR Contact: 06/01/2026
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/01/2025
Date Data Arrived at EDR: 12/08/2025
Date Made Active in Reports: 02/12/2026
Number of Days to Update: 66

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 12/08/2025
Next Scheduled EDR Contact: 03/30/2026
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

SHWS: Hazardous Substance Cleanup Fund

Hazardous substance sites, which pose a threat to public health and the environment, which will be cleaned up utilizing the Hazardous Substance Cleanup Fund.

Date of Government Version: 11/02/2023
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 02/23/2024
Number of Days to Update: 85

Source: Department of Environmental Management
Telephone: 334-271-7984
Last EDR Contact: 02/25/2026
Next Scheduled EDR Contact: 06/15/2026
Data Release Frequency: Annually

HWS DETAIL: Alabama Hazardous Substance Cleanup Fund Annual Report

The Alabama Hazardous Substance Cleanup Fund (AHSCF) was established in 1989 by act of the Alabama Legislature (Code of Alabama 1975, 22-30A) to provide a mechanism for ADEM to investigate, remediate, and monitor hazardous substance sites. These sites may potentially endanger human health and the environment, but may not qualify to be addressed by other federal or state cleanup programs.

Date of Government Version: 12/31/2024
Date Data Arrived at EDR: 03/05/2025
Date Made Active in Reports: 05/20/2025
Number of Days to Update: 76

Source: Department of Environmental Management
Telephone: 334-271-7730
Last EDR Contact: 03/02/2026
Next Scheduled EDR Contact: 06/15/2026
Data Release Frequency: Annually

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Permitted Landfills

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/24/2021
Date Data Arrived at EDR: 01/05/2022
Date Made Active in Reports: 03/18/2022
Number of Days to Update: 72

Source: Department of Environmental Management
Telephone: 334-271-7730
Source: Department of Environmental Management, GIS Section
Telephone: 334-271-7700
Last EDR Contact: 12/23/2025
Next Scheduled EDR Contact: 04/13/2026
Data Release Frequency: Varies

Lists of state and tribal leaking storage tanks

LAST: List of AST Release Incidents

A listing of aboveground storage tank releases that have been reported to ADEM. These are primarily smaller retail ASTs and smaller bulk plant ASTs.

Date of Government Version: 10/31/2025
Date Data Arrived at EDR: 12/05/2025
Date Made Active in Reports: 02/25/2026
Number of Days to Update: 82

Source: Department of Environmental Management
Telephone: 334-271-7712
Last EDR Contact: 12/05/2025
Next Scheduled EDR Contact: 03/30/2026
Data Release Frequency: Varies

LUST: Leaking Underground Storage Tank Listing
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 10/31/2025
Date Data Arrived at EDR: 12/05/2025
Date Made Active in Reports: 02/25/2026
Number of Days to Update: 82
Source: Department of Environmental Management
Telephone: 334-270-5655
Last EDR Contact: 12/05/2025
Next Scheduled EDR Contact: 03/30/2026
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 11/21/2025
Date Data Arrived at EDR: 12/11/2025
Date Made Active in Reports: 02/19/2026
Number of Days to Update: 70
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 12/11/2025
Next Scheduled EDR Contact: 04/27/2026
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 11/21/2025
Date Data Arrived at EDR: 12/11/2025
Date Made Active in Reports: 02/19/2026
Number of Days to Update: 70
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 12/11/2025
Next Scheduled EDR Contact: 04/27/2026
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/21/2025
Date Data Arrived at EDR: 12/11/2025
Date Made Active in Reports: 02/19/2026
Number of Days to Update: 70
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 12/11/2025
Next Scheduled EDR Contact: 04/27/2026
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/21/2025
Date Data Arrived at EDR: 12/11/2025
Date Made Active in Reports: 02/19/2026
Number of Days to Update: 70
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/21/2025
Next Scheduled EDR Contact: 04/27/2026
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 11/21/2025
Date Data Arrived at EDR: 12/11/2025
Date Made Active in Reports: 02/19/2026
Number of Days to Update: 70
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 12/11/2025
Next Scheduled EDR Contact: 04/27/2026
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 11/21/2025
Date Data Arrived at EDR: 12/11/2025
Date Made Active in Reports: 02/19/2026
Number of Days to Update: 70
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 12/11/2025
Next Scheduled EDR Contact: 04/27/2026
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 11/21/2025
Date Data Arrived at EDR: 12/12/2025
Date Made Active in Reports: 02/19/2026
Number of Days to Update: 69

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 12/11/2025
Next Scheduled EDR Contact: 04/27/2026
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 11/21/2025
Date Data Arrived at EDR: 12/11/2025
Date Made Active in Reports: 02/19/2026
Number of Days to Update: 70

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 12/11/2025
Next Scheduled EDR Contact: 04/27/2026
Data Release Frequency: Varies

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 06/06/2025
Date Data Arrived at EDR: 08/26/2025
Date Made Active in Reports: 11/12/2025
Number of Days to Update: 78

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 12/23/2025
Next Scheduled EDR Contact: 04/13/2026
Data Release Frequency: Varies

UST: Underground Storage Tank Information
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 10/08/2025
Date Data Arrived at EDR: 11/26/2025
Date Made Active in Reports: 02/19/2026
Number of Days to Update: 85

Source: Department of Environmental Management
Telephone: 334-270-5655
Last EDR Contact: 11/26/2025
Next Scheduled EDR Contact: 03/30/2026
Data Release Frequency: Quarterly

AST: Aboveground Storage Tank Sites
Aboveground storage tank locations.

Date of Government Version: 10/08/2025
Date Data Arrived at EDR: 11/26/2025
Date Made Active in Reports: 02/19/2026
Number of Days to Update: 85

Source: Department of Environmental Management
Telephone: 334-271-7926
Last EDR Contact: 11/26/2025
Next Scheduled EDR Contact: 03/30/2026
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 11/21/2025
Date Data Arrived at EDR: 12/11/2025
Date Made Active in Reports: 02/19/2026
Number of Days to Update: 70

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 12/11/2025
Next Scheduled EDR Contact: 04/27/2026
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/21/2025
Date Data Arrived at EDR: 12/11/2025
Date Made Active in Reports: 02/19/2026
Number of Days to Update: 70

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 12/11/2025
Next Scheduled EDR Contact: 04/27/2026
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 11/21/2025
Date Data Arrived at EDR: 12/11/2025
Date Made Active in Reports: 02/19/2026
Number of Days to Update: 70

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 12/11/2025
Next Scheduled EDR Contact: 04/27/2026
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 11/21/2025
Date Data Arrived at EDR: 12/11/2025
Date Made Active in Reports: 02/19/2026
Number of Days to Update: 70

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 12/11/2025
Next Scheduled EDR Contact: 04/27/2026
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 11/21/2025
Date Data Arrived at EDR: 12/11/2025
Date Made Active in Reports: 02/19/2026
Number of Days to Update: 70

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 12/11/2025
Next Scheduled EDR Contact: 04/27/2026
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 11/21/2025
Date Data Arrived at EDR: 12/11/2025
Date Made Active in Reports: 02/19/2026
Number of Days to Update: 70

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 12/11/2025
Next Scheduled EDR Contact: 04/27/2026
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 11/21/2025
Date Data Arrived at EDR: 12/11/2025
Date Made Active in Reports: 02/19/2026
Number of Days to Update: 70

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 12/11/2025
Next Scheduled EDR Contact: 04/27/2026
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 11/21/2025
Date Data Arrived at EDR: 12/11/2025
Date Made Active in Reports: 02/19/2026
Number of Days to Update: 70

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 12/11/2025
Next Scheduled EDR Contact: 04/27/2026
Data Release Frequency: Varies

TANKS: Storage Tank Facilities Listing

This list of storage tank facilities where tank details are not available, such as tank type not distinguished as aboveground or underground, is provided by the Department of Environmental Management.

Date of Government Version: 10/08/2025
Date Data Arrived at EDR: 11/26/2025
Date Made Active in Reports: 02/19/2026
Number of Days to Update: 85

Source: Department of Environmental Management
Telephone: 334-271-7759
Last EDR Contact: 11/26/2025
Next Scheduled EDR Contact: 03/30/2026
Data Release Frequency: Semi-Annually

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Controls Site Listing

A listing of sites with engineering controls included in the Land Division Cleanup Program Inventory listing.

Date of Government Version: 08/24/2009
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/11/2009
Number of Days to Update: 16

Source: Department of Environmental Management
Telephone: 334-271-7735
Last EDR Contact: 02/25/2026
Next Scheduled EDR Contact: 06/15/2026
Data Release Frequency: Varies

AUL: Environmental Covenants

An environmental covenant is required for a site if the approved environmental response project plan places a land use control on the site because it is not being remediated to unrestricted use.

Date of Government Version: 11/05/2025
Date Data Arrived at EDR: 11/25/2025
Date Made Active in Reports: 12/02/2025
Number of Days to Update: 7

Source: Department of Environmental Management
Telephone: 334-279-3053
Last EDR Contact: 02/25/2026
Next Scheduled EDR Contact: 06/15/2026
Data Release Frequency: Varies

INST CONTROL: Land Division Brownfields 128(a) Program Site Listing

Institutional Controls (ICs) are non-engineered instruments, such as administrative and/or legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of a remedy by limiting land or resource use. There are five different types of controls. These are governmental, proprietary, enforcement tools with IC components, informational devices and unrestricted. Unrestricted- No institutional controls (unrestricted for industrial and residential use). Governmental- controls implemented and enforced by state and local governments. (zoning restrictions, ordinances, building permits, etc.). Proprietary- controls which have their basis in real property law (easements, covenants). Enforcement and Permit Tools with IC components- these controls are issued to compel land owners to limit certain site activities on both federal and private sites. Informational devices- informational tools with provide information or notification that residual or capped contamination may remain on site (deed or hazard notices).

Date of Government Version: 08/24/2009
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/11/2009
Number of Days to Update: 16

Source: Department of Environmental Management
Telephone: 334-271-7735
Last EDR Contact: 03/14/2016
Next Scheduled EDR Contact: 06/27/2016
Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142
Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/03/2025
Next Scheduled EDR Contact: 03/30/2026
Data Release Frequency: Varies

VCP: Cleanup Program Inventory
Currently the Cleanup Inventory List contains information about sites undergoing assessment and possible cleanup under Alabama's Brownfield Redevelopment and Voluntary Cleanup Program. It also includes sites that have exited the program but were remediated to less than unrestricted levels.

Date of Government Version: 09/11/2024
Date Data Arrived at EDR: 12/05/2024
Date Made Active in Reports: 02/27/2025
Number of Days to Update: 84
Source: Department of Environmental Management
Telephone: 334-271-7700
Last EDR Contact: 03/30/2026
Next Scheduled EDR Contact: 06/15/2026
Data Release Frequency: Semi-Annually

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Land Division Brownfields 128(a) Program Site Listing
A listing of Brownfields activities performed by ADEM.

Date of Government Version: 09/11/2024
Date Data Arrived at EDR: 12/05/2024
Date Made Active in Reports: 02/28/2025
Number of Days to Update: 85
Source: Department of Environmental Management
Telephone: 334-271-7735
Last EDR Contact: 03/02/2026
Next Scheduled EDR Contact: 06/15/2026
Data Release Frequency: Varies

BROWNFIELDS 2: Directory of Brownfields Sites
The directory provides a brief look at sites being marketed as brownfields.

Date of Government Version: 04/01/2011
Date Data Arrived at EDR: 06/16/2011
Date Made Active in Reports: 07/26/2011
Number of Days to Update: 40
Source: Department of Environmental Management
Telephone: 334-271-7735
Last EDR Contact: 02/25/2026
Next Scheduled EDR Contact: 06/15/2026
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/02/2025
Date Data Arrived at EDR: 12/03/2025
Date Made Active in Reports: 02/12/2026
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/03/2025
Next Scheduled EDR Contact: 03/23/2026
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Recycling/Recovered Materials Processors Directory
A listing of recycling facilities.

Date of Government Version: 09/01/2009
Date Data Arrived at EDR: 01/22/2010
Date Made Active in Reports: 02/05/2010
Number of Days to Update: 14

Source: Department of Economic & Community Affairs
Telephone: 334-242-5336
Last EDR Contact: 12/15/2025
Next Scheduled EDR Contact: 04/13/2026
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/22/2026
Next Scheduled EDR Contact: 05/04/2026
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/07/2026
Next Scheduled EDR Contact: 04/27/2026
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 02/07/2024
Date Data Arrived at EDR: 11/13/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 6

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 01/14/2026
Next Scheduled EDR Contact: 05/04/2026
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 04/04/2025
Date Data Arrived at EDR: 06/02/2025
Date Made Active in Reports: 08/12/2025
Number of Days to Update: 71

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/20/2025
Next Scheduled EDR Contact: 03/02/2026
Data Release Frequency: No Update Planned

AOCONCERN: Area of Concern

Property boundary of the Redstone Arsenal facility.

Date of Government Version: 09/01/2008
Date Data Arrived at EDR: 09/24/2008
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 394

Source: Department of the Army
Telephone: 256-313-3255
Last EDR Contact: 01/14/2026
Next Scheduled EDR Contact: 05/04/2026
Data Release Frequency: No Update Planned

CDL: Clandestine Methamphetamine Lab Sites

Clandestine methamphetamine lab locations seized by law enforcement agencies.

Date of Government Version: 12/09/2010
Date Data Arrived at EDR: 02/08/2011
Date Made Active in Reports: 02/28/2011
Number of Days to Update: 20

Source: Department of Environmental Management.
Telephone: 334-271-7700
Last EDR Contact: 01/14/2026
Next Scheduled EDR Contact: 05/04/2026
Data Release Frequency: Varies

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 04/04/2025
Date Data Arrived at EDR: 06/02/2025
Date Made Active in Reports: 08/12/2025
Number of Days to Update: 71

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/19/2026
Next Scheduled EDR Contact: 06/01/2026
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

HIST UST: Underground Storage Tank Information

Storage tank sites removed from the UST database are added to the HIST UST database.

Date of Government Version: 04/03/2025
Date Data Arrived at EDR: 05/27/2025
Date Made Active in Reports: 05/30/2025
Number of Days to Update: 3

Source: Department of Environmental Management
Telephone: 334-271-7759
Last EDR Contact: 11/26/2025
Next Scheduled EDR Contact: 03/30/2026
Data Release Frequency: Varies

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 12/26/2025
Date Data Arrived at EDR: 01/05/2026
Date Made Active in Reports: 01/22/2026
Number of Days to Update: 17

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 03/02/2026
Next Scheduled EDR Contact: 04/06/2026
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/07/2025
Date Data Arrived at EDR: 12/08/2025
Date Made Active in Reports: 02/12/2026
Number of Days to Update: 66

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/08/2025
Next Scheduled EDR Contact: 03/30/2026
Data Release Frequency: Quarterly

SPILLS: Emergency Response Data

Incidents involving spills of oil and hazardous materials.

Date of Government Version: 11/12/2025
Date Data Arrived at EDR: 12/04/2025
Date Made Active in Reports: 12/10/2025
Number of Days to Update: 6

Source: Department of Environmental Management
Telephone: 334-394-4382
Last EDR Contact: 12/03/2025
Next Scheduled EDR Contact: 03/30/2026
Data Release Frequency: Varies

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 11/30/2025
Date Data Arrived at EDR: 12/03/2025
Date Made Active in Reports: 12/10/2025
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 12/03/2025
Next Scheduled EDR Contact: 03/30/2026
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 10/22/2025
Date Data Arrived at EDR: 11/06/2025
Date Made Active in Reports: 01/12/2026
Number of Days to Update: 67

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/10/2026
Next Scheduled EDR Contact: 05/25/2026
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/08/2026
Next Scheduled EDR Contact: 04/20/2026
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 12/23/2025
Next Scheduled EDR Contact: 04/13/2026
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 01/29/2026
Next Scheduled EDR Contact: 05/18/2026
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 12/07/2025
Date Data Arrived at EDR: 12/08/2025
Date Made Active in Reports: 02/05/2026
Number of Days to Update: 59

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/08/2025
Next Scheduled EDR Contact: 03/30/2026
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA Watch List

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 01/28/2026
Next Scheduled EDR Contact: 05/11/2026
Data Release Frequency: No Update Planned

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 01/28/2026
Next Scheduled EDR Contact: 05/11/2026
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/11/2025
Next Scheduled EDR Contact: 03/23/2026
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2024
Date Data Arrived at EDR: 11/10/2025
Date Made Active in Reports: 01/29/2026
Number of Days to Update: 80

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/12/2026
Next Scheduled EDR Contact: 05/25/2026
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 10/13/2025
Date Data Arrived at EDR: 10/14/2025
Date Made Active in Reports: 01/07/2026
Number of Days to Update: 85

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/13/2026
Next Scheduled EDR Contact: 04/27/2026
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 01/30/2026
Date Data Arrived at EDR: 02/02/2026
Date Made Active in Reports: 02/12/2026
Number of Days to Update: 10

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/02/2026
Next Scheduled EDR Contact: 06/08/2026
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 01/01/2026
Date Data Arrived at EDR: 01/14/2026
Date Made Active in Reports: 01/22/2026
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/08/2026
Next Scheduled EDR Contact: 04/27/2026
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 06/26/2025
Date Data Arrived at EDR: 07/01/2025
Date Made Active in Reports: 07/29/2025
Number of Days to Update: 28

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 03/02/2026
Next Scheduled EDR Contact: 05/11/2026
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 08/12/2025
Date Data Arrived at EDR: 09/30/2025
Date Made Active in Reports: 11/24/2025
Number of Days to Update: 55

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 12/23/2025
Next Scheduled EDR Contact: 04/13/2026
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 09/23/2025
Next Scheduled EDR Contact: 01/12/2026
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/26/2026
Date Data Arrived at EDR: 01/27/2026
Date Made Active in Reports: 02/25/2026
Number of Days to Update: 29

Source: Nuclear Regulatory Commission
Telephone: 301-415-0717
Last EDR Contact: 01/08/2026
Next Scheduled EDR Contact: 04/27/2026
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2024
Date Data Arrived at EDR: 11/19/2025
Date Made Active in Reports: 01/29/2026
Number of Days to Update: 71

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 02/20/2026
Next Scheduled EDR Contact: 06/08/2026
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 02/20/2026
Next Scheduled EDR Contact: 06/08/2026
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 01/29/2026
Next Scheduled EDR Contact: 05/11/2026
Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 12/09/2025
Next Scheduled EDR Contact: 04/06/2026
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 10/07/2025
Date Data Arrived at EDR: 10/20/2025
Date Made Active in Reports: 01/12/2026
Number of Days to Update: 84

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/20/2026
Next Scheduled EDR Contact: 05/04/2026
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/30/2025
Date Data Arrived at EDR: 12/12/2025
Date Made Active in Reports: 02/25/2026
Number of Days to Update: 75

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/15/2026
Next Scheduled EDR Contact: 04/13/2026
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/07/2025
Number of Days to Update: 16

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/08/2025
Next Scheduled EDR Contact: 03/30/2026
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 12/17/2025
Next Scheduled EDR Contact: 04/13/2026
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 01/21/2026
Next Scheduled EDR Contact: 05/11/2026
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 05/15/2025
Date Data Arrived at EDR: 05/15/2025
Date Made Active in Reports: 07/29/2025
Number of Days to Update: 75

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/12/2026
Next Scheduled EDR Contact: 05/25/2026
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/26/2025
Date Data Arrived at EDR: 01/05/2026
Date Made Active in Reports: 01/22/2026
Number of Days to Update: 17

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 03/02/2026
Next Scheduled EDR Contact: 04/06/2026
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 01/01/2026
Date Data Arrived at EDR: 01/06/2026
Date Made Active in Reports: 01/07/2026
Number of Days to Update: 1

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 01/06/2026
Next Scheduled EDR Contact: 06/01/2026
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/08/2025
Date Data Arrived at EDR: 08/18/2025
Date Made Active in Reports: 11/12/2025
Number of Days to Update: 86

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/13/2026
Next Scheduled EDR Contact: 06/01/2026
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 04/08/2025
Date Data Arrived at EDR: 05/20/2025
Date Made Active in Reports: 08/12/2025
Number of Days to Update: 84

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/17/2026
Next Scheduled EDR Contact: 06/01/2026
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/19/2026
Next Scheduled EDR Contact: 06/01/2026
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 12/04/2025
Date Data Arrived at EDR: 12/05/2025
Date Made Active in Reports: 02/12/2026
Number of Days to Update: 69

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 02/25/2026
Next Scheduled EDR Contact: 06/15/2026
Data Release Frequency: Quarterly

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 06/04/2024
Date Data Arrived at EDR: 11/22/2024
Date Made Active in Reports: 02/18/2025
Number of Days to Update: 88

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 02/17/2026
Next Scheduled EDR Contact: 06/01/2026
Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/07/2025
Date Data Arrived at EDR: 11/19/2025
Date Made Active in Reports: 02/05/2026
Number of Days to Update: 78

Source: EPA
Telephone: (404) 562-9900
Last EDR Contact: 02/20/2026
Next Scheduled EDR Contact: 06/08/2026
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites
A listing of unexploded ordnance site locations

Date of Government Version: 07/31/2025
Date Data Arrived at EDR: 08/14/2025
Date Made Active in Reports: 11/04/2025
Number of Days to Update: 82

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/05/2026
Next Scheduled EDR Contact: 04/20/2026
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing
A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 02/11/2026
Next Scheduled EDR Contact: 06/01/2026
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information
ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 12/13/2025
Date Data Arrived at EDR: 12/17/2025
Date Made Active in Reports: 02/25/2026
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 12/17/2025
Next Scheduled EDR Contact: 04/13/2026
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/06/2025
Date Data Arrived at EDR: 11/06/2025
Date Made Active in Reports: 01/12/2026
Number of Days to Update: 67

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/10/2026
Next Scheduled EDR Contact: 05/25/2026
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information
EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 12/17/2025
Date Data Arrived at EDR: 12/18/2025
Date Made Active in Reports: 12/23/2025
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 12/18/2025
Next Scheduled EDR Contact: 04/13/2026
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information
Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 12/17/2025
Date Data Arrived at EDR: 12/18/2025
Date Made Active in Reports: 12/23/2025
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/18/2025
Next Scheduled EDR Contact: 04/13/2026
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 12/17/2025
Date Data Arrived at EDR: 12/18/2025
Date Made Active in Reports: 12/23/2025
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/18/2025
Next Scheduled EDR Contact: 04/13/2026
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 12/17/2025
Date Data Arrived at EDR: 12/18/2025
Date Made Active in Reports: 12/23/2025
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 12/18/2025
Next Scheduled EDR Contact: 04/13/2026
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 12/17/2025
Date Data Arrived at EDR: 12/18/2025
Date Made Active in Reports: 12/23/2025
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/18/2025
Next Scheduled EDR Contact: 04/13/2026
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 11/12/2024
Date Data Arrived at EDR: 07/21/2025
Date Made Active in Reports: 10/13/2025
Number of Days to Update: 84

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 01/14/2026
Next Scheduled EDR Contact: 05/04/2026
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 12/17/2025
Date Data Arrived at EDR: 12/18/2025
Date Made Active in Reports: 01/07/2026
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/18/2025
Next Scheduled EDR Contact: 04/13/2026
Data Release Frequency: Varies

PFAS PROJECT: NORTHEASTERN UNIVERSITY PFAS PROJECT

The PFAS Contamination Site Tracker records qualitative and quantitative data from each site in a chart, specifically examining discovery, contamination levels, government response, litigation, health impacts, media coverage, and community characteristics. All data presented in the chart were extracted from government websites, such as state health departments or the Environmental Protection Agency, and news articles.

Date of Government Version: 08/21/2025
Date Data Arrived at EDR: 12/04/2025
Date Made Active in Reports: 02/12/2026
Number of Days to Update: 70

Source: Social Science Environmental Health Research Institute
Telephone: N/A
Last EDR Contact: 11/25/2025
Next Scheduled EDR Contact: 03/16/2026
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 12/17/2025
Date Data Arrived at EDR: 12/19/2025
Date Made Active in Reports: 12/23/2025
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/19/2025
Next Scheduled EDR Contact: 04/13/2026
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 12/17/2025
Date Data Arrived at EDR: 12/18/2025
Date Made Active in Reports: 12/23/2025
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/18/2025
Next Scheduled EDR Contact: 04/13/2026
Data Release Frequency: Varies

PFAS ECHO FIRE TRAIN: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 12/17/2025
Date Data Arrived at EDR: 12/18/2025
Date Made Active in Reports: 12/23/2025
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/18/2025
Next Scheduled EDR Contact: 04/13/2026
Data Release Frequency: Varies

PFAS PT 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 12/17/2025
Date Data Arrived at EDR: 12/18/2025
Date Made Active in Reports: 12/23/2025
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/18/2025
Next Scheduled EDR Contact: 04/13/2026
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 09/25/2025
Date Data Arrived at EDR: 09/26/2025
Date Made Active in Reports: 11/24/2025
Number of Days to Update: 59

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 12/18/2025
Next Scheduled EDR Contact: 04/13/2026
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 09/24/2025
Next Scheduled EDR Contact: 01/12/2026
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 12/16/2016
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 03/10/2017
Number of Days to Update: 63

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 09/24/2025
Next Scheduled EDR Contact: 01/12/2026
Data Release Frequency: No Update Planned

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 09/27/2025
Date Data Arrived at EDR: 10/11/2025
Date Made Active in Reports: 01/07/2026
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 01/15/2026
Next Scheduled EDR Contact: 04/27/2026
Data Release Frequency: Varies

UST FINDER RELEASE: UST Finder Releases Database

US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/31/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 79

Source: Environmental Protecton Agency
Telephone: 202-564-0394
Last EDR Contact: 02/05/2026
Next Scheduled EDR Contact: 05/18/2026
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST FINDER: UST Finder Database

EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories . UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 106

Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 02/05/2026
Next Scheduled EDR Contact: 05/18/2026
Data Release Frequency: Varies

E MANIFEST: Hazardous Waste Electronic Manifest System

EPA established a national system for tracking hazardous waste shipments electronically. This system, known as ?e-Manifest,? will modernize the nation?s cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

Date of Government Version: 11/30/2025
Date Data Arrived at EDR: 12/05/2025
Date Made Active in Reports: 12/19/2025
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 833-501-6826
Last EDR Contact: 12/05/2025
Next Scheduled EDR Contact: 04/30/2026
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Listing

PFAS have been widely used in numerous industrial and residential applications since the 1950a??s. Their stability and unique chemical properties produce waterproof, stain resistant, and nonstick qualities in products. They are found in some firefighting foams and a wide range of consumer products such as carpet treatments, non-stick cookware, water-resistant fabrics, food packaging materials, and personal care products.

Date of Government Version: 12/02/2025
Date Data Arrived at EDR: 12/03/2025
Date Made Active in Reports: 12/05/2025
Number of Days to Update: 2

Source: Department of Environmental Management
Telephone: 334-271-7712
Last EDR Contact: 12/03/2025
Next Scheduled EDR Contact: 03/23/2026
Data Release Frequency: Quarterly

AQUEOUS FOAM: Aqueous Film Forming Foam Release Investigations

Aqueous film-forming foam-laced water running off from fuel spills, firefighting events and routine training sessions has put those chemicals in ground water, surface water, sediments, biota, and other natural resources of the state.

Date of Government Version: 12/02/2025
Date Data Arrived at EDR: 12/03/2025
Date Made Active in Reports: 12/05/2025
Number of Days to Update: 2

Source: Department of Environmental Management
Telephone: 334-271-7700
Last EDR Contact: 12/03/2025
Next Scheduled EDR Contact: 03/23/2026
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

A listing of coal ash disposal site locations.

Date of Government Version: 02/02/2009
Date Data Arrived at EDR: 06/25/2009
Date Made Active in Reports: 07/17/2009
Number of Days to Update: 22

Source: Department of Environmental Management
Telephone: 334-271-7718
Last EDR Contact: 12/09/2025
Next Scheduled EDR Contact: 04/06/2026
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Facility Listing

A listing of drycleaner sites in the voluntary DERTF.

Date of Government Version: 05/29/2025
Date Data Arrived at EDR: 07/31/2025
Date Made Active in Reports: 10/21/2025
Number of Days to Update: 82

Source: Department of Environmental Management
Telephone: 334-271-7703
Last EDR Contact: 01/28/2026
Next Scheduled EDR Contact: 05/18/2026
Data Release Frequency: Varies

FIN ASSURANCE: Financial Assurance Information Listing

Financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 04/03/2025
Date Data Arrived at EDR: 05/27/2025
Date Made Active in Reports: 05/30/2025
Number of Days to Update: 3

Source: Department of Environmental Management
Telephone: 334-271-7759
Last EDR Contact: 11/19/2025
Next Scheduled EDR Contact: 03/30/2026
Data Release Frequency: Quarterly

NPDES: NPDES Permit Listing

A listing of municipal and industrial permits issued by the Department of Environmental Management.

Date of Government Version: 04/05/2012
Date Data Arrived at EDR: 04/06/2012
Date Made Active in Reports: 04/25/2012
Number of Days to Update: 19

Source: Department of Environmental Management
Telephone: 334-271-7712
Last EDR Contact: 12/03/2025
Next Scheduled EDR Contact: 03/30/2026
Data Release Frequency: Varies

TIER 2: Tier 2 Data Listing

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/20/2014
Date Made Active in Reports: 07/24/2014
Number of Days to Update: 34

Source: Department of Environmental Management
Telephone: 334-260-2714
Last EDR Contact: 02/25/2026
Next Scheduled EDR Contact: 06/15/2026
Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of underground injection control wells.

Date of Government Version: 10/21/2025
Date Data Arrived at EDR: 10/27/2025
Date Made Active in Reports: 01/16/2026
Number of Days to Update: 81

Source: Geological Survey of Alabama
Telephone: 205-247-3661
Last EDR Contact: 01/28/2026
Next Scheduled EDR Contact: 05/11/2026
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Management in Alabama.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/26/2013
Number of Days to Update: 178

Source: Department of Environmental Management
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from Department of Environmental Management in Alabama.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/26/2013
Number of Days to Update: 178

Source: Department of Environmental Management
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/02/2025
Date Data Arrived at EDR: 11/03/2025
Date Made Active in Reports: 01/23/2026
Number of Days to Update: 81

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/03/2026
Next Scheduled EDR Contact: 05/18/2026
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 12/15/2025
Next Scheduled EDR Contact: 04/13/2026
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/22/2026
Next Scheduled EDR Contact: 05/04/2026
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 12/29/2025
Next Scheduled EDR Contact: 04/20/2026
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/05/2026
Next Scheduled EDR Contact: 05/25/2026
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 02/25/2026
Next Scheduled EDR Contact: 06/15/2026
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Centers
Source: Department of Human Resources
Telephone: 334-242-1425

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Data
Source: Alabama State Water Program
Telephone: 334-844-3927

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

ANTHONYS PELHAM PARKWAY SITE
2941 PELHAM PARKWAY
PELHAM, AL 35124

TARGET PROPERTY COORDINATES

Latitude (North):	33.300152 - 33° 18' 0.55''
Longitude (West):	86.808645 - 86° 48' 31.12''
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	517815.2
UTM Y (Meters):	3684386.8
Elevation:	476 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	50048008 HELENA, AL
Version Date:	2024

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

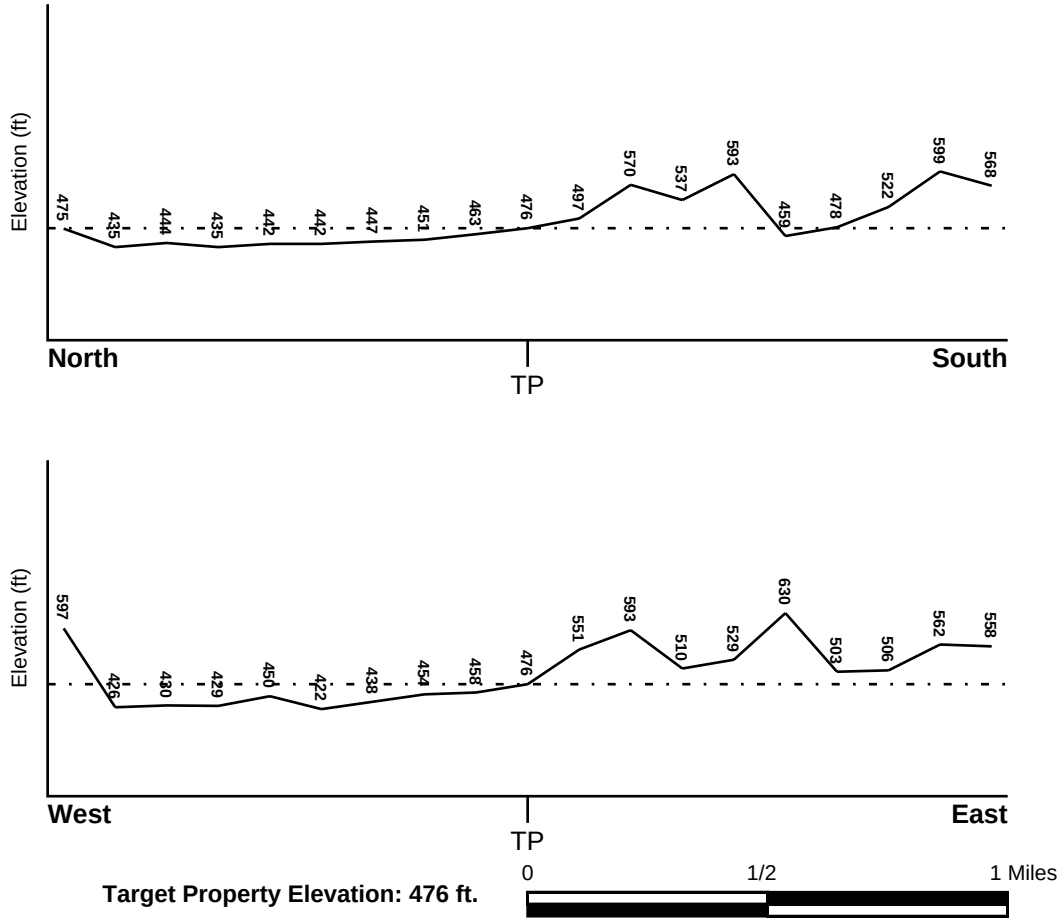
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
01117C0216E	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
01073C0704G	FEMA FIRM Flood data
01117C0208E	FEMA FIRM Flood data
01117C0212E	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
HELENA	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

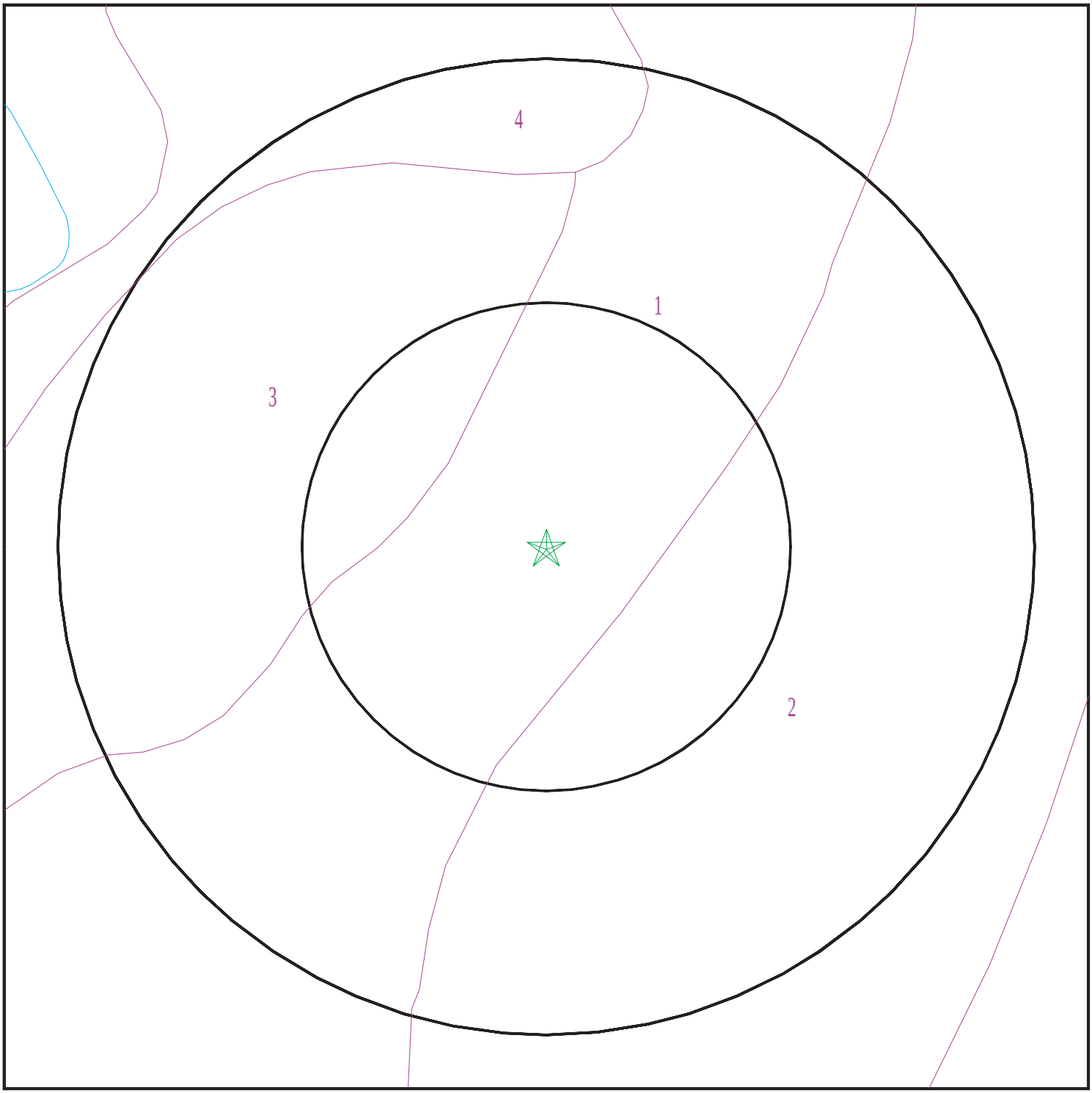
Era:	Paleozoic
System:	Ordovician
Series:	Ordovician
Code:	O *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 8268760.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Anthonys Pelham Parkway Site	CLIENT:	ECS Southeast, LLP
ADDRESS:	2941 Pelham Parkway Pelham AL 35124	CONTACT:	Linah Turner-Chism
LAT/LONG:	33.300152 / 86.808645	INQUIRY #:	8268760.2s
		DATE:	March 03, 2026 11:42 am

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Dewey

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 46 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 14 Min: 4	Max: 5.5 Min: 4.5
2	5 inches	22 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 14 Min: 4	Max: 5.5 Min: 4.5
3	22 inches	70 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 14 Min: 4	Max: 5.5 Min: 4.5

Soil Map ID: 2

Soil Component Name: Bodine

Soil Surface Texture: gravelly silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	gravelly silt loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 42 Min: 14	Max: 5.5 Min: 3.6
2	5 inches	22 inches	gravelly silty clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 42 Min: 14	Max: 5.5 Min: 3.6
3	22 inches	72 inches	gravelly silty clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 42 Min: 14	Max: 5.5 Min: 3.6

Soil Map ID: 3

Soil Component Name: Allen

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 14 Min: 4	Max: 5.5 Min: 4.5
2	5 inches	53 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 14 Min: 4	Max: 5.5 Min: 4.5
3	53 inches	63 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 14 Min: 4	Max: 5.5 Min: 4.5

Soil Map ID: 4

Soil Component Name: Tupelo

Soil Surface Texture: silty clay loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Somewhat poorly drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 46 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	75 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6.5 Min: 5.1

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000007661	1/2 - 1 Mile NNE
2	USGS40000007593	1/2 - 1 Mile SSW
A4	USGS40000007584	1/2 - 1 Mile SSW
5	USGS40000007685	1/2 - 1 Mile North

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

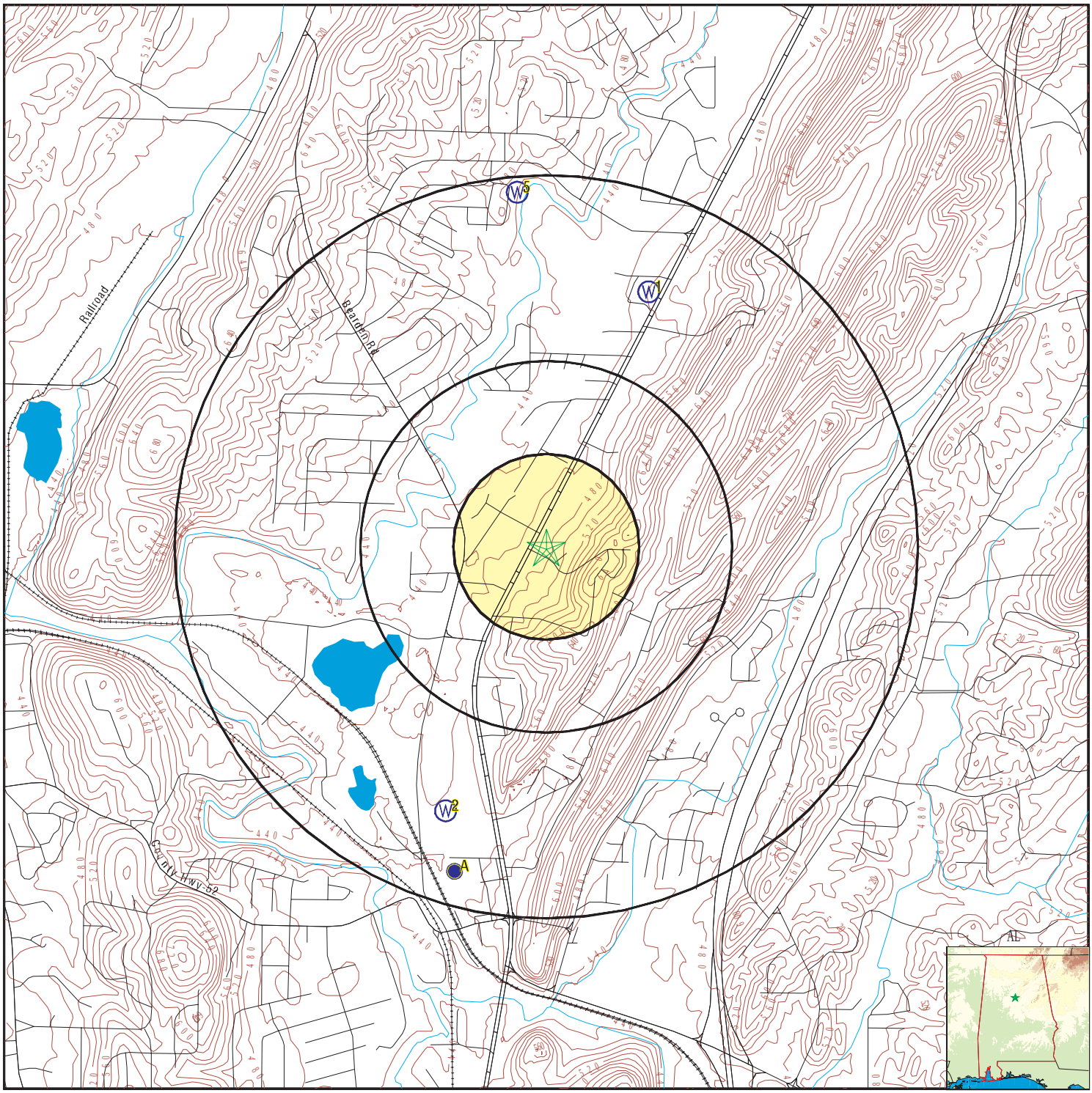
No PWS System Found

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A3	ALW210000039284	1/2 - 1 Mile SSW

PHYSICAL SETTING SOURCE MAP - 8268760.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- Oil, gas or related wells

SITE NAME:	Anthonys Pelham Parkway Site	CLIENT:	ECS Southeast, LLP
ADDRESS:	2941 Pelham Parkway Pelham AL 35124	CONTACT:	Linah Turner-Chism
LAT/LONG:	33.300152 / 86.808645	INQUIRY #:	8268760.2s
		DATE:	March 03, 2026 11:42 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40000007661**

Organization ID:	USGS-AL	Organization Name:	USGS Alabama Water Science Center
Monitor Location:	M 5-USGS 331836086481401	Type:	Well
Description:	Not Reported	HUC:	03150202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19640000
Well Depth:	67	Well Depth Units:	ft
Well Hole Depth:	67	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1968-11-07
Feet below surface:	13.04	Feet to sea level:	Not Reported
Note:	Not Reported		

2
SSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000007593**

Organization ID:	USGS-AL	Organization Name:	USGS Alabama Water Science Center
Monitor Location:	M 6-USGS 331723086484801	Type:	Well
Description:	Not Reported	HUC:	03150202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19660000
Well Depth:	290	Well Depth Units:	ft
Well Hole Depth:	290	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1968-11-07
Feet below surface:	32.75	Feet to sea level:	Not Reported
Note:	Not Reported		

A3
SSW
1/2 - 1 Mile
Lower

AL WELLS **ALW210000039284**

WELLS 2:

Facility ID:	125229	Facility Name:	117M24001
Facility Type:	Public	Media Type:	Not Reported
Active:	Y	Elevation (ft):	461
Aquifer:	Not Reported	Well Designation:	M-24-1
Spring Name:	Not Reported	Driller Key #:	4696
Driller Name:	H.W. Peerson Drilling Co.	Driller License #:	Not Reported
Owner:	Pelham Water Works		
Comments:	Well destroyed		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A4
SSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000007584**

Organization ID:	USGS-AL	Organization Name:	USGS Alabama Water Science Center
Monitor Location:	M 9 CITY OF PELHAM-USGS 331714086484601		
Type:	Well	Description:	Not Reported
HUC:	03150202	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Valley and Ridge aquifers
Formation Type:	Lenoir Limestone	Aquifer Type:	Not Reported
Construction Date:	19651000	Well Depth:	414
Well Depth Units:	ft	Well Hole Depth:	414
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-07-26
Feet below surface:	40.21	Feet to sea level:	Not Reported
Note:	Not Reported		

5
North
1/2 - 1 Mile
Lower

FED USGS **USGS40000007685**

Organization ID:	USGS-AL	Organization Name:	USGS Alabama Water Science Center
Monitor Location:	M 15 PELHAM CROSS CK.-USGS 331850086483601		
Type:	Well	Description:	CITY OF PELHAM-CROSS CREEK WELL
HUC:	03150202	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Not Reported
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19740401	Well Depth:	414
Well Depth Units:	ft	Well Hole Depth:	414
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for SHELBY County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 35124

Number of sites tested: 3

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.467 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	3.000 pCi/L	50%	50%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Data
Source: Alabama State Water Program
Telephone: 334-844-3927

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Alabama Wells Data
Source: Department of Environmental Management
Telephone: 334-271-7985

OTHER STATE DATABASE INFORMATION

Well Surface Locations
Source: Geological Survey of Alabama, State Oil and Gas Board
Telephone: 205-247-3661
A listing of oil and gas well locations in the state.

RADON

State Database: AL Radon
Source: Department of Public Health
Telephone: 334-206-5391
Short-Term Test Results for Alabama Counties

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Appendix IV: Historical Research Documentation

Anthonys Pelham Parkway Site

2941 Pelham Parkway

Pelham, AL 35124

Inquiry Number: 8268760.8

March 03, 2026

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

03/03/26

Site Name:

Anthonys Pelham Parkway Site
2941 Pelham Parkway
Pelham, AL 35124
EDR Inquiry # 8268760.8

Client Name:

ECS Southeast, LLP
1281 Kennestone Circle
Marietta, GA 30066
Contact: Linah Turner-Chism

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2023	1"=500'	Flight Year: 2023	USDA/NAIP
2019	1"=500'	Flight Year: 2019	USDA/NAIP
2015	1"=500'	Flight Year: 2015	USDA/NAIP
2011	1"=500'	Flight Year: 2011	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1997	1"=500'	Acquisition Date: March 06, 1997	USGS/DOQQ
1992	1"=500'	Flight Date: April 01, 1992	USGS
1988	1"=500'	Flight Date: May 26, 1988	USDA
1981	1"=500'	Flight Date: February 24, 1981	USDA
1977	1"=500'	Flight Date: March 25, 1977	USDA
1970	1"=500'	Flight Date: February 21, 1970	USGS
1959	1"=500'	Flight Date: November 19, 1959	USDA
1947	1"=500'	Flight Date: March 26, 1947	USGS

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INQUIRY #: 8268760.8
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= 500'
N
EDR


INQUIRY #: 8268760.8
YEAR: 2019
= 500'
N
EDR


INQUIRY #: 8268760.8
YEAR: 2015
= 500'
N
EDR


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YEAR: 2011
= 500'
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EDR


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YEAR: 2006
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EDR


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EDR


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EDR


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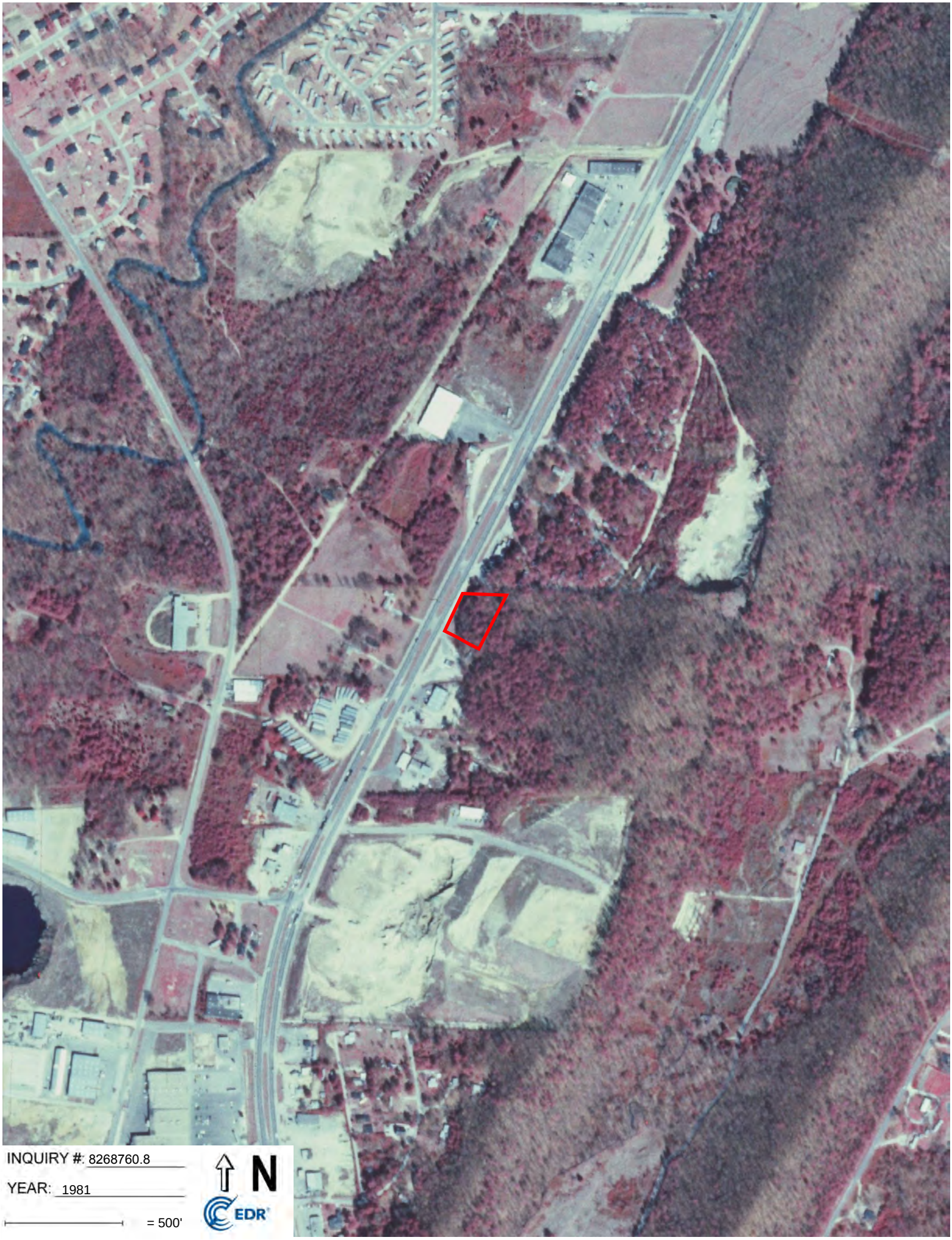
YEAR: 1988
= 500'
N
EDR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= 500'
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EDR


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YEAR: 1977
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EDR


INQUIRY #: 8268760.8
YEAR: 1970
= 500'
N
EDR



INQUIRY #: 8268760.8

YEAR: 1959

= 500'

N

EDR


INQUIRY #: 8268760.8
YEAR: 1947
= 500'
N
EDR

Anthonys Pelham Parkway Site
2941 Pelham Parkway
Pelham, AL 35124

Inquiry Number: 8268760.3
March 03, 2026

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

03/03/26

Site Name:

Anthonys Pelham Parkway Site
2941 Pelham Parkway
Pelham, AL 35124
EDR Inquiry # 8268760.3

Client Name:

ECS Southeast, LLP
1281 Kennestone Circle
Marietta, GA 30066
Contact: Linah Turner-Chism

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Certified Sanborn Results:

Certification # 0C7A-49E0-95B2

PO # 491 2107

Project Anthony s Pelham Parkway Site

UNMAPPED PROPERTY

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Sanborn® Library search results

Certification #: 0C7A-49E0-95B2

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- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Anthonys Pelham Parkway Site
2941 Pelham Parkway
Pelham, AL 35124

Inquiry Number: 8268760.4
March 03, 2026

EDR Historical Topo Map Report

with QuadMatch™

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EDR Historical Topo Map Report

03/03/26

Site Name:

Anthonys Pelham Parkway Site
2941 Pelham Parkway
Pelham, AL 35124
EDR Inquiry # 8268760.4

Client Name:

ECS Southeast, LLP
1281 Kennestone Circle
Marietta, GA 30066
Contact: Linah Turner-Chism

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Search Results:

P.O.# 491 2107

Project: Anthony s Pelham Parkway Sit

Coordinates:

Latitude:	33.300152 33° 18' 1" North
Longitude:	-86.808645 -86° 48' 31" West
UTM Zone:	Zone 16 North
UTM X Meters:	517814.83
UTM Y Meters:	3684578.96
Elevation:	476.63' above sea level

Maps Provided:

2024	1975
2020	1970
2018	1959
2014	1907
1997	1905
1988	1892
1986	1890
1978	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2024 Source Sheets



Helena
2024
7.5-minute, 24000

2020 Source Sheets



Helena
2020
7.5-minute, 24000

2018 Source Sheets



Helena
2018
7.5-minute, 24000

2014 Source Sheets



Helena
2014
7.5-minute, 24000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1997 Source Sheets



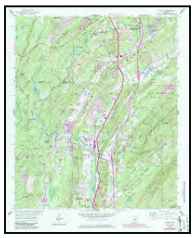
Helena
1997
7.5-minute, 24000
Aerial Photo Revised 1997

1988 Source Sheets



Helena
1988
7.5-minute, 24000
Aerial Photo Revised 1982

1986 Source Sheets



Helena
1986
7.5-minute, 24000
Aerial Photo Revised 1982

1978 Source Sheets



Helena
1978
7.5-minute, 24000
Aerial Photo Revised 1975

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1975 Source Sheets



Helena
1975
7.5-minute, 24000
Aerial Photo Revised 1975

1970 Source Sheets



Helena
1970
7.5-minute, 24000
Aerial Photo Revised 1970

1959 Source Sheets



Helena
1959
7.5-minute, 24000
Aerial Photo Revised 1957

1907 Source Sheets



Bessemer Special
1907
15-minute, 62500



Bessemer Iron District
1907
15-minute, 62500

Topo Sheet Key

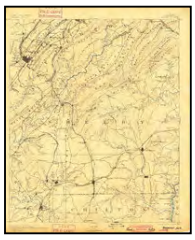
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1905 Source Sheets



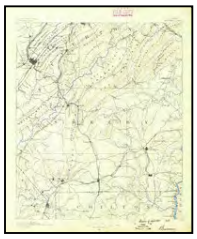
Bessemer Special
1905
15-minute, 48000

1892 Source Sheets



Bessemer
1892
30-minute, 125000

1890 Source Sheets



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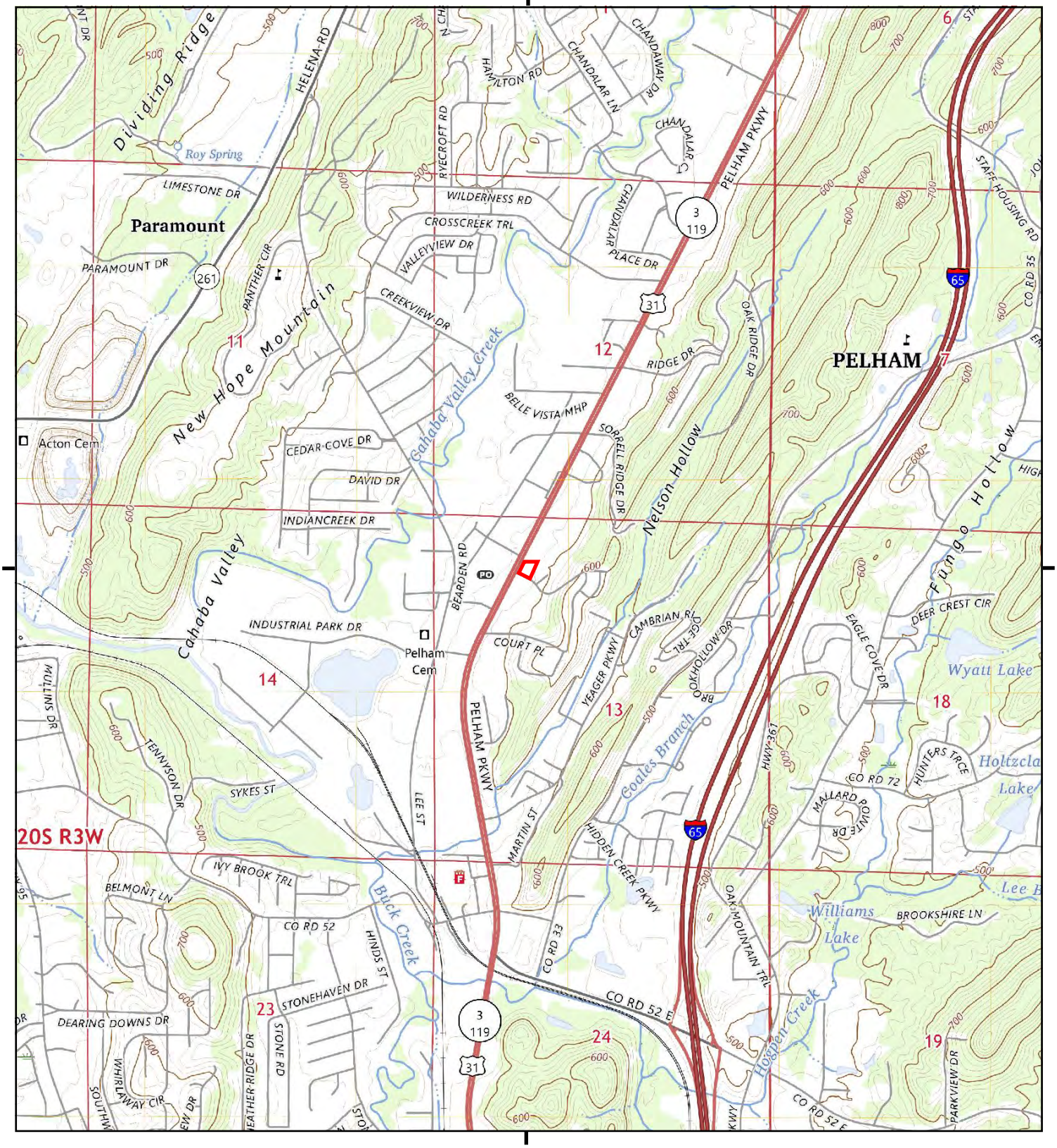
Historical Topo Map

2024



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

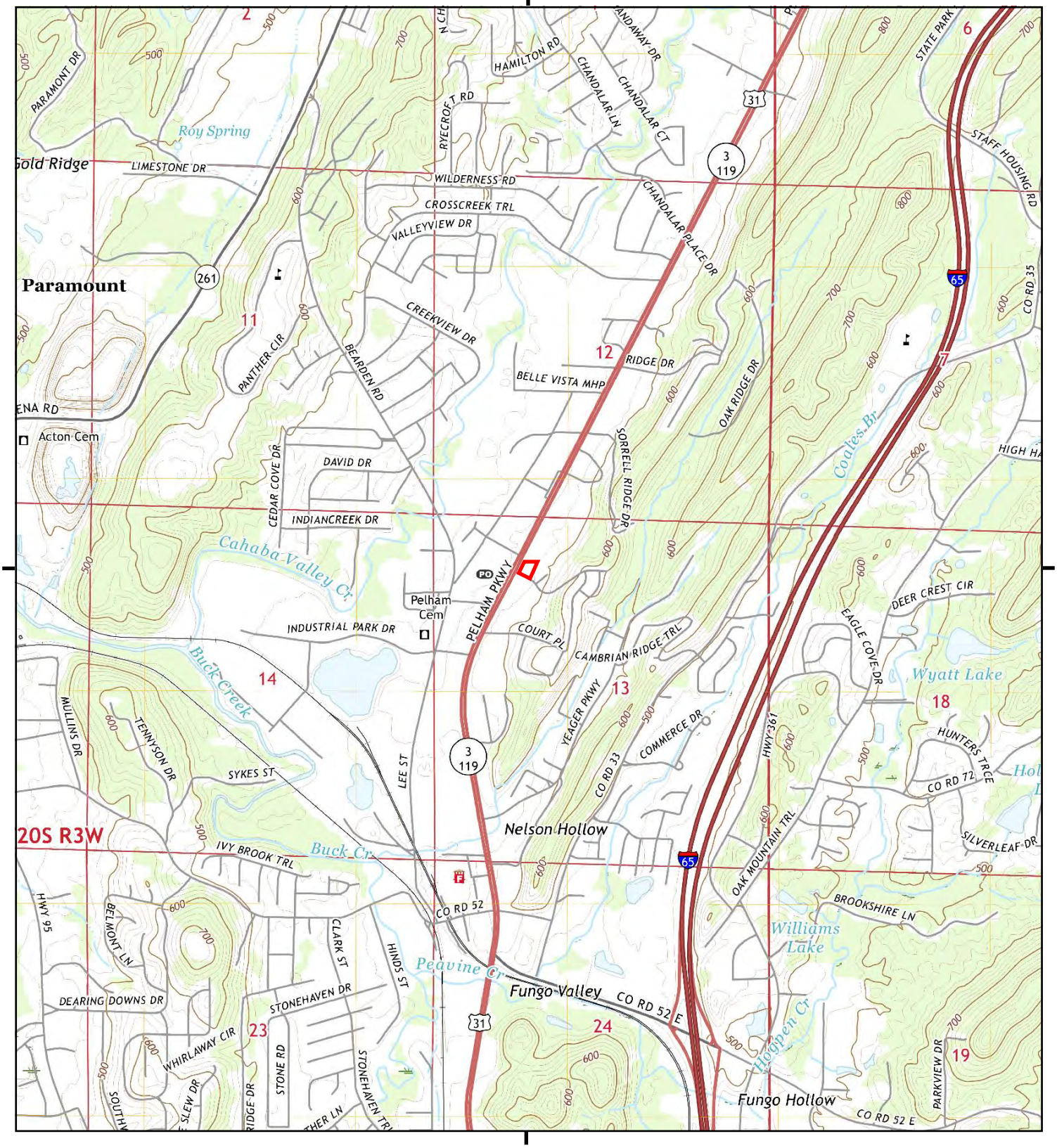
NW N NE
W E
SW S SE

TP, Helena, 2024, 7.5-minute

SITE NAME: Anthonys Pelham Parkway Site
ADDRESS: 2941 Pelham Parkway
Pelham, AL 35124
CLIENT: ECS Southeast, LLP

Historical Topo Map

2020



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SW S SE

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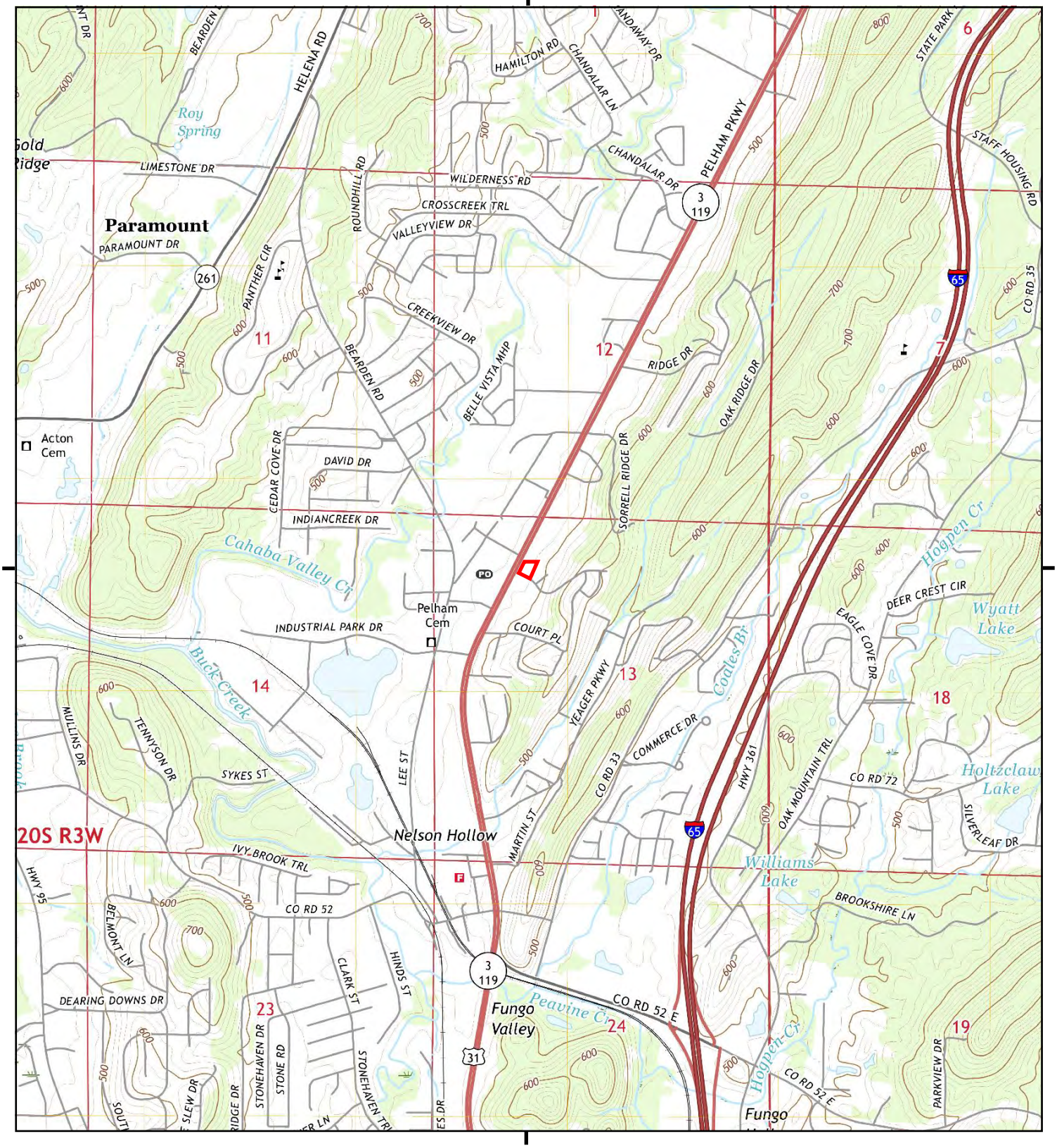
SITE NAME: Anthonys Pelham Parkway Site
ADDRESS: 2941 Pelham Parkway
Pelham, AL 35124
CLIENT: ECS Southeast, LLP

N

Historical Topo Map

2018



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SW S SE

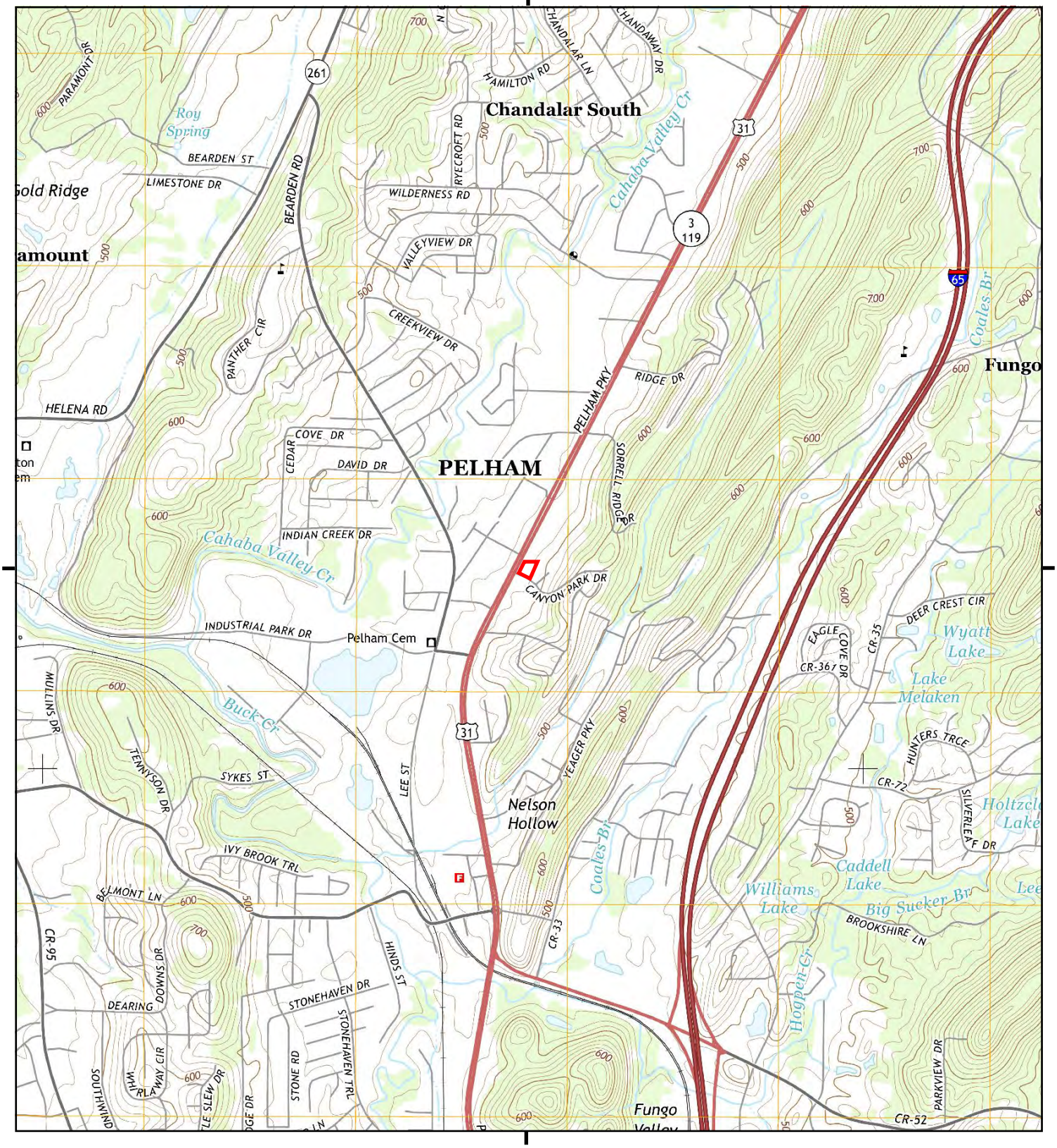
TP, Helena, 2018, 7.5-minute

SITE NAME: Anthonys Pelham Parkway Site
ADDRESS: 2941 Pelham Parkway
Pelham, AL 35124
CLIENT: ECS Southeast, LLP

N

Historical Topo Map

2014



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W E
SW S SE

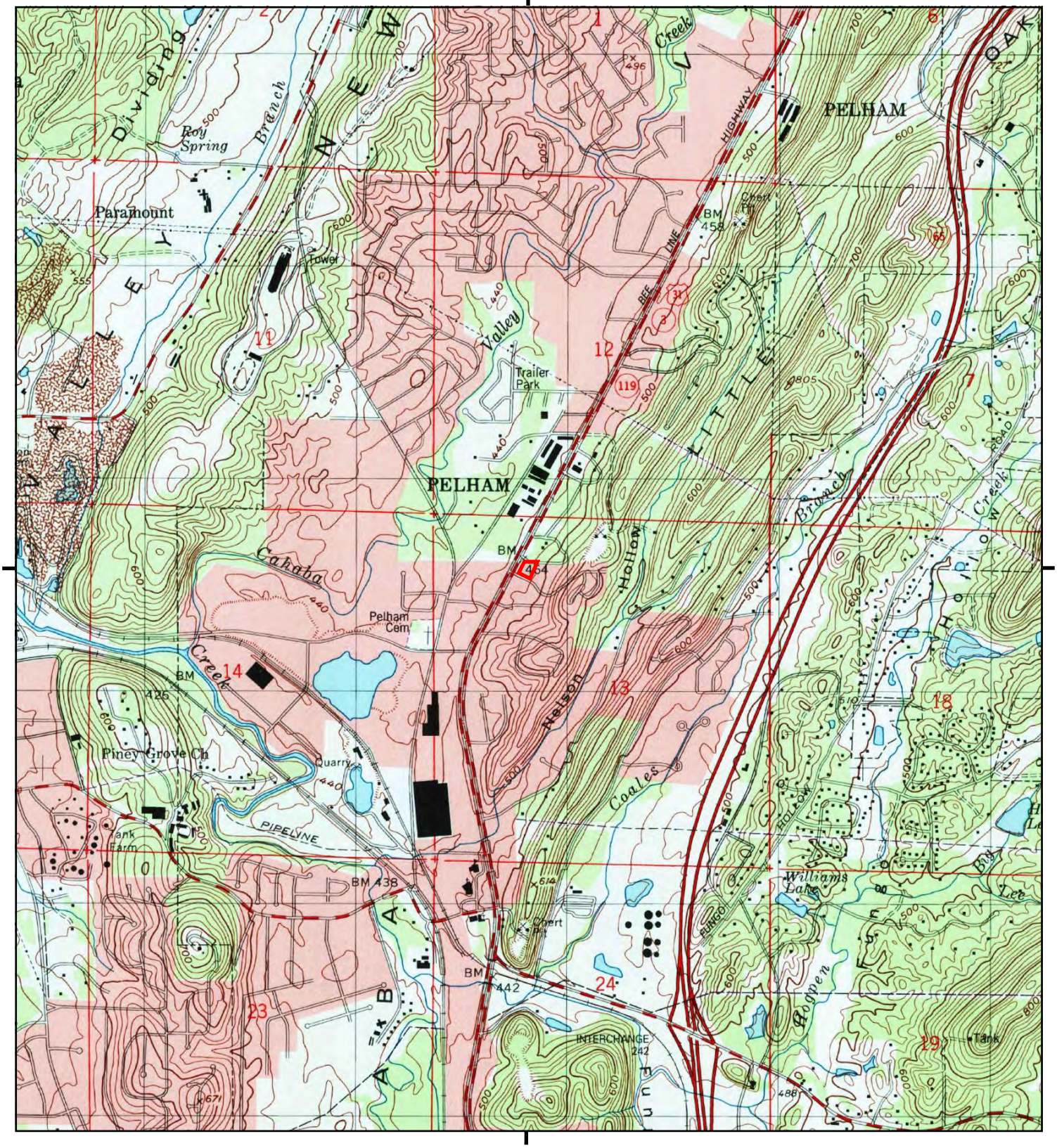
TP, Helena, 2014, 7.5-minute

SITE NAME: Anthonys Pelham Parkway Site
ADDRESS: 2941 Pelham Parkway
Pelham, AL 35124
CLIENT: ECS Southeast, LLP

N

Historical Topo Map

1997



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W E
SW S SE

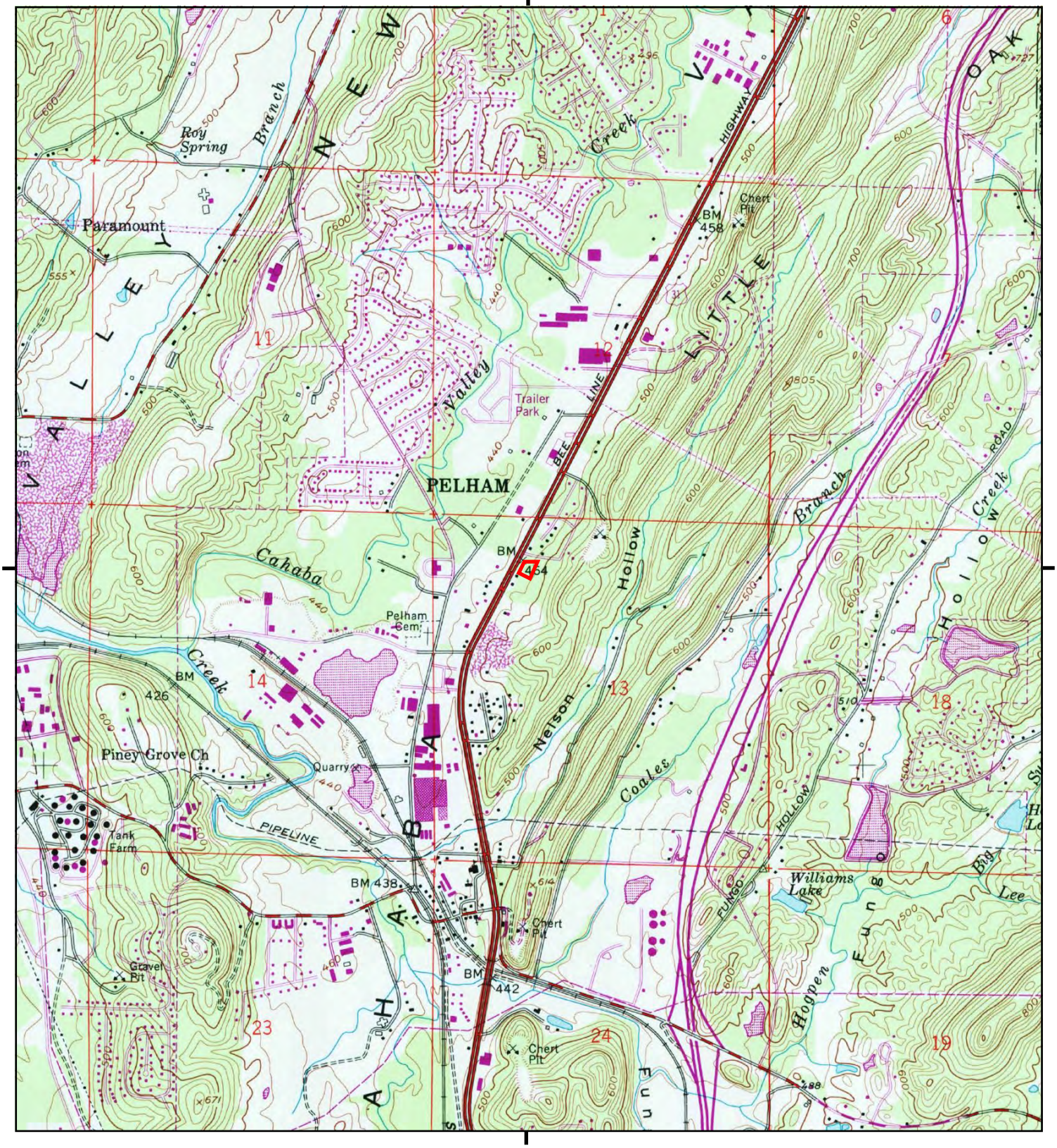
TP, Helena, 1997, 7.5-minute

SITE NAME: Anthonys Pelham Parkway Site
ADDRESS: 2941 Pelham Parkway
Pelham, AL 35124
CLIENT: ECS Southeast, LLP

N

Historical Topo Map

1988



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W E
SW S SE

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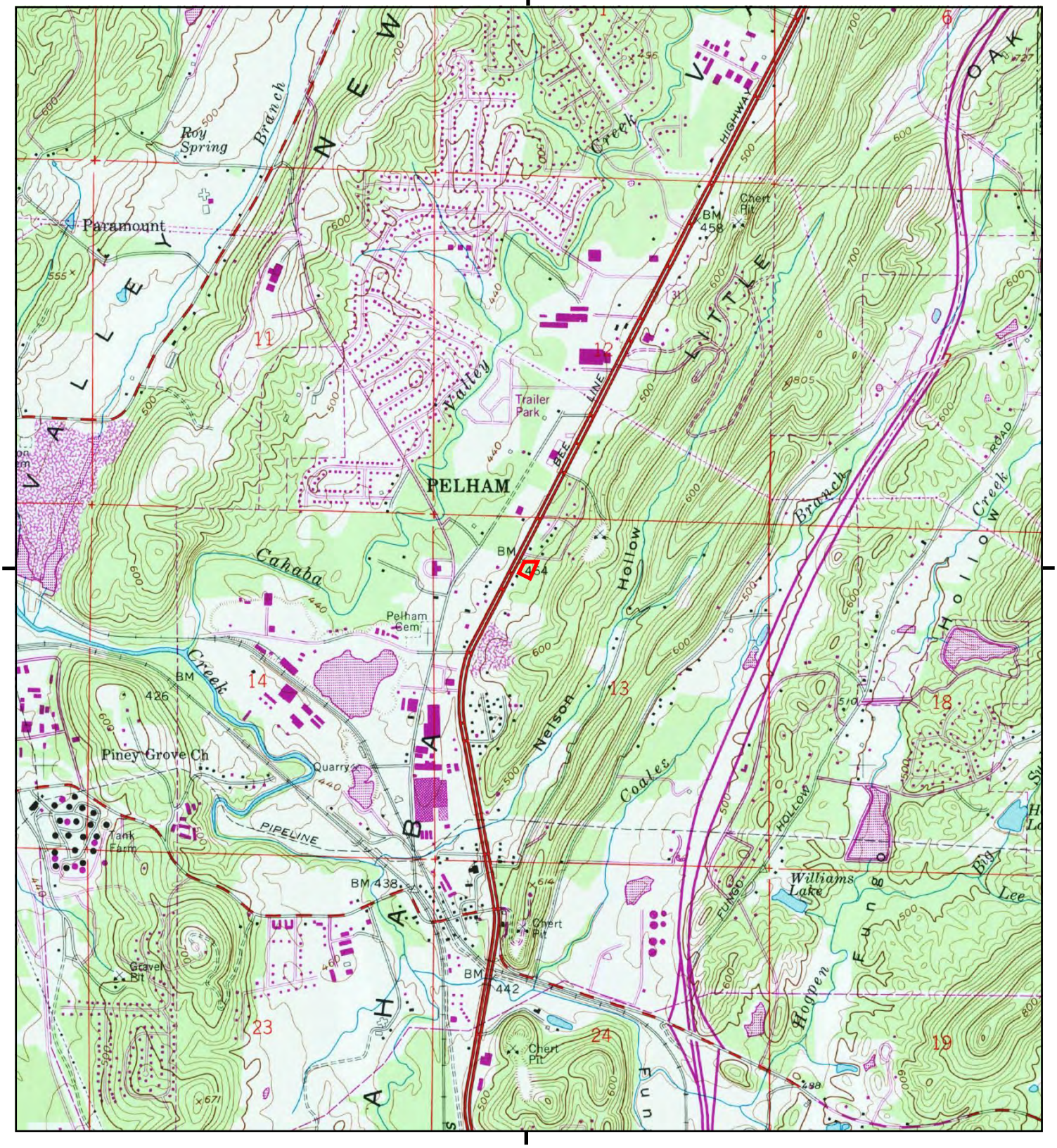
SITE NAME: Anthonys Pelham Parkway Site
ADDRESS: 2941 Pelham Parkway
Pelham, AL 35124
CLIENT: ECS Southeast, LLP

N



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W E
SW S SE

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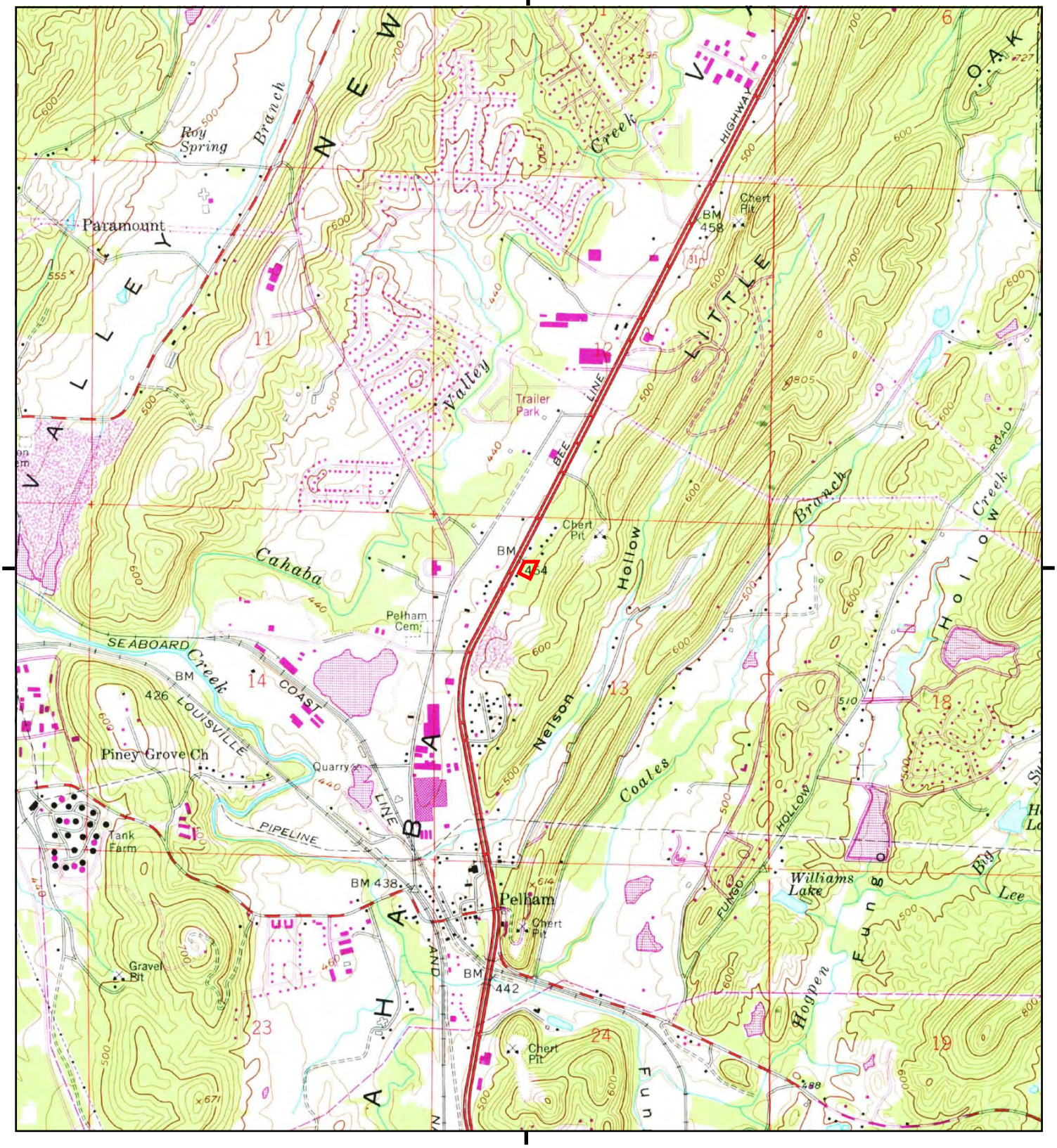
SITE NAME: Anthonys Pelham Parkway Site
ADDRESS: 2941 Pelham Parkway
Pelham, AL 35124
CLIENT: ECS Southeast, LLP

N



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0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

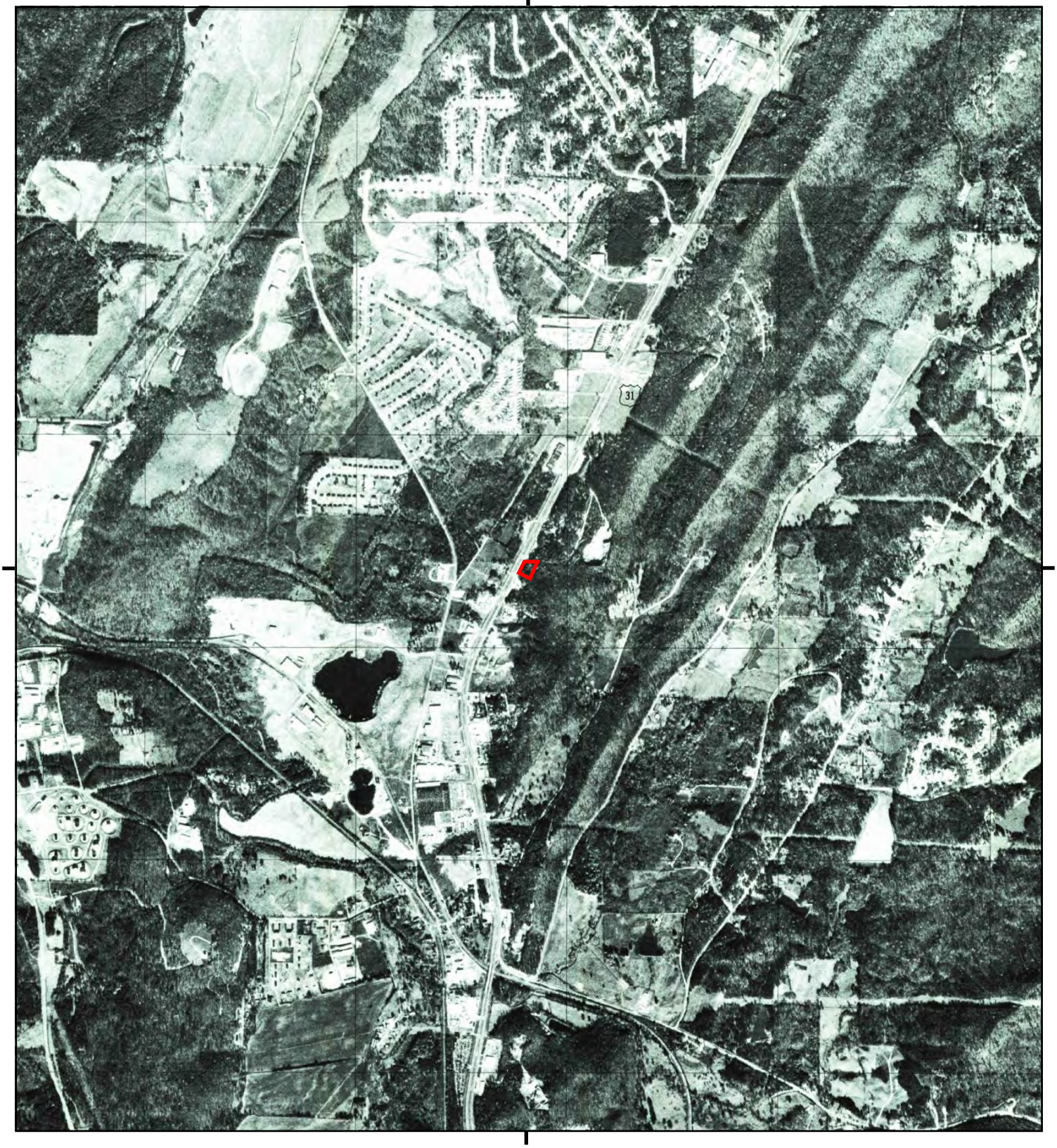
TP, Helena, 1978, 7.5-minute

SITE NAME: Anthonys Pelham Parkway Site
ADDRESS: 2941 Pelham Parkway
Pelham, AL 35124
CLIENT: ECS Southeast, LLP

N

Historical Topo Map

1975



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NW N NE
W E
SW S SE

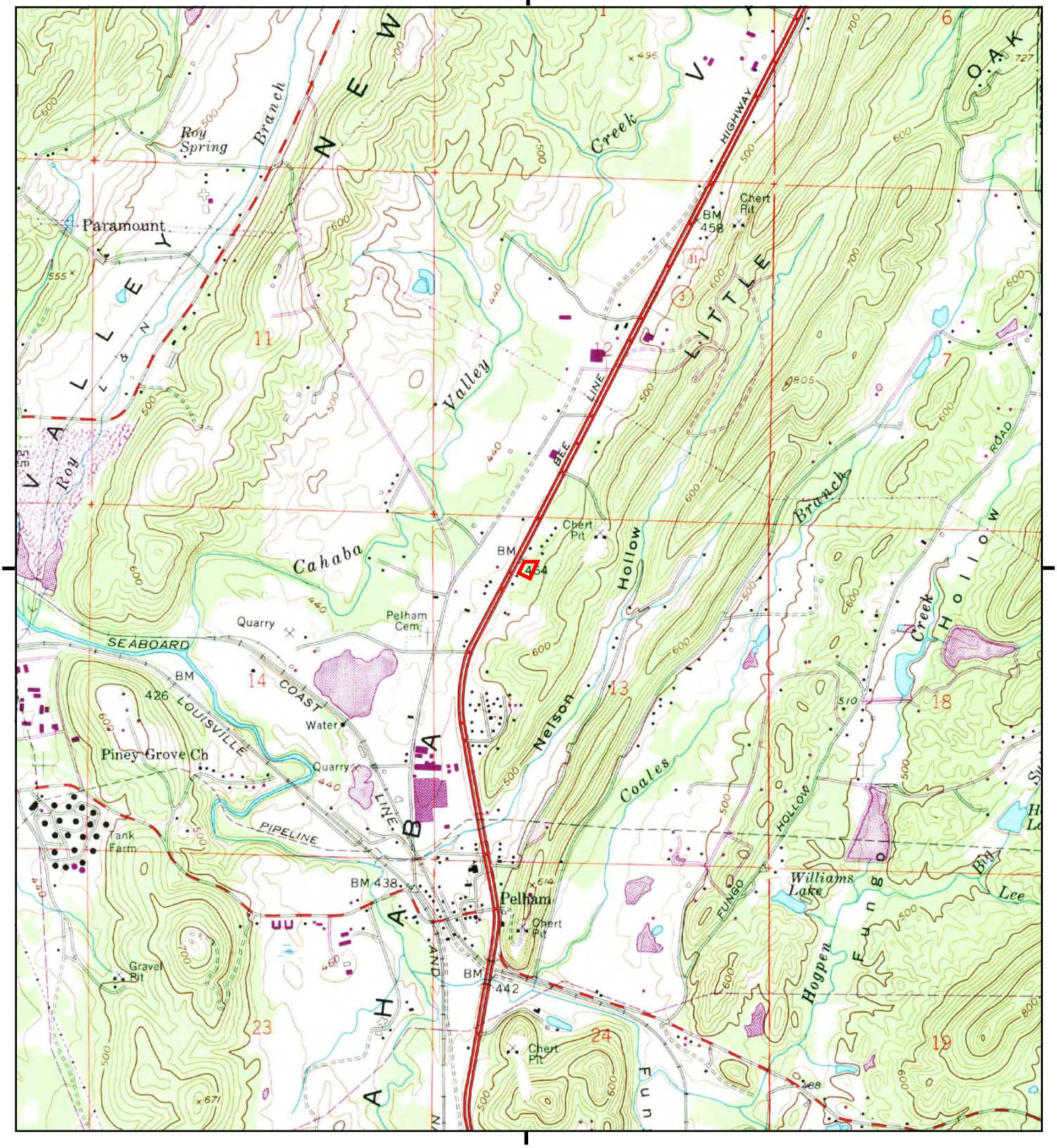
TP, Helena, 1975, 7.5-minute

SITE NAME: Anthonys Pelham Parkway Site
ADDRESS: 2941 Pelham Parkway
Pelham, AL 35124
CLIENT: ECS Southeast, LLP

N

Historical Topo Map

1970



This report includes information from the following map sheet(s).

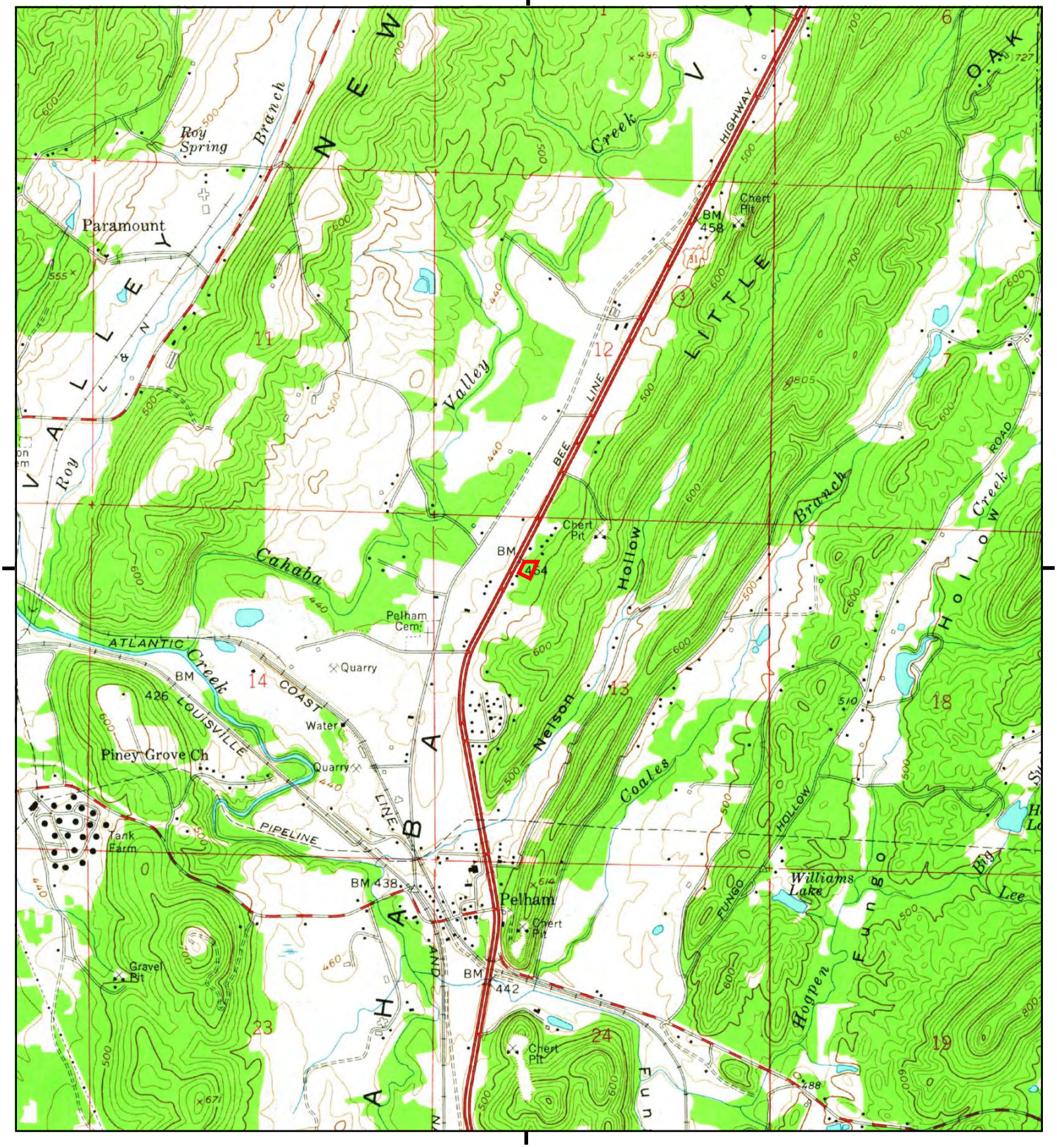
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Helena, 1970, 7.5-minute

SITE NAME: Anthonys Pelham Parkway Site
ADDRESS: 2941 Pelham Parkway
Pelham, AL 35124
CLIENT: ECS Southeast, LLP

N



This report includes information from the following map sheet(s).

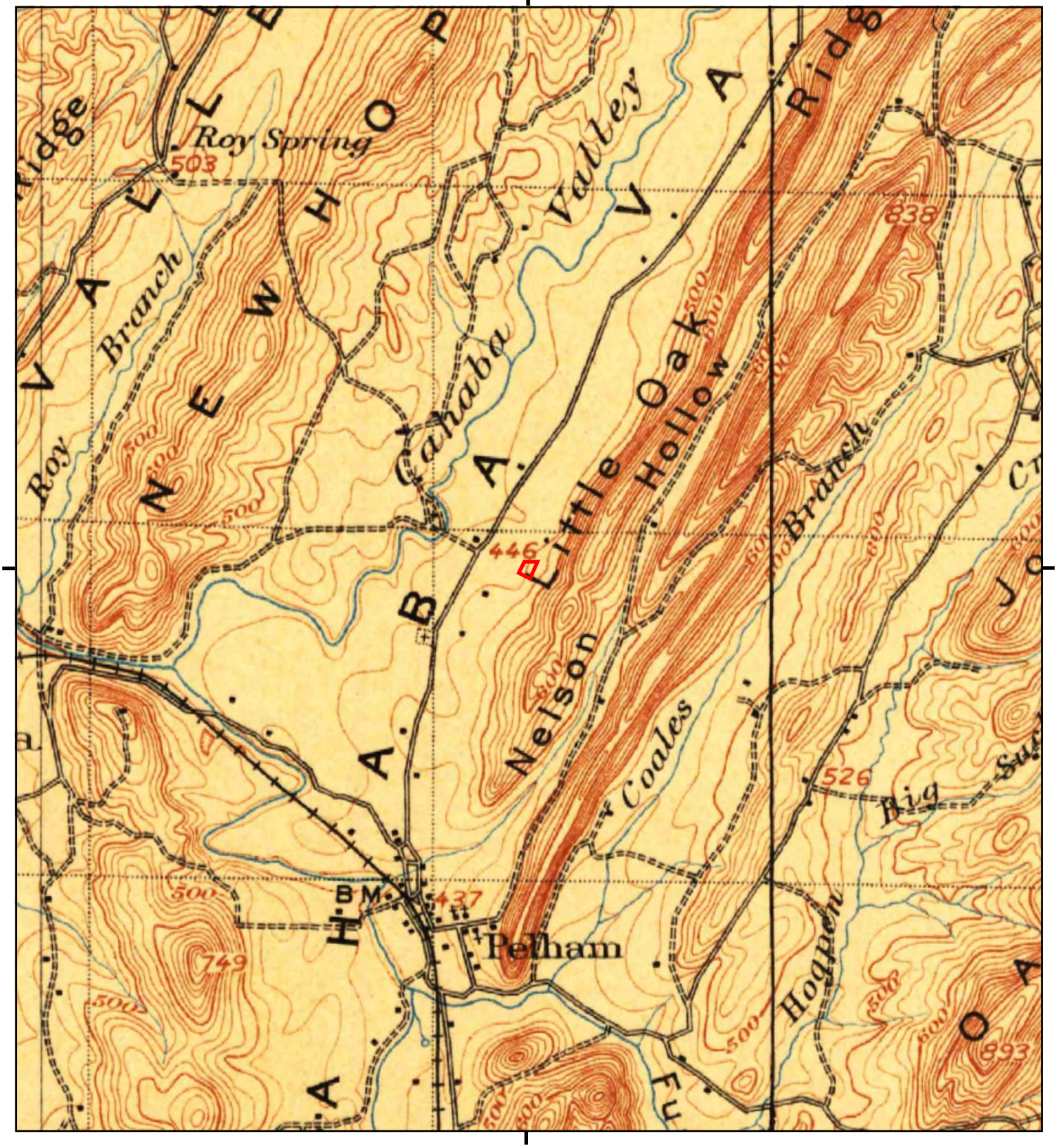
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Helena, 1959, 7.5-minute

SITE NAME: Anthonys Pelham Parkway Site
ADDRESS: 2941 Pelham Parkway
Pelham, AL 35124
CLIENT: ECS Southeast, LLP

N



This report includes information from the following map sheet(s).

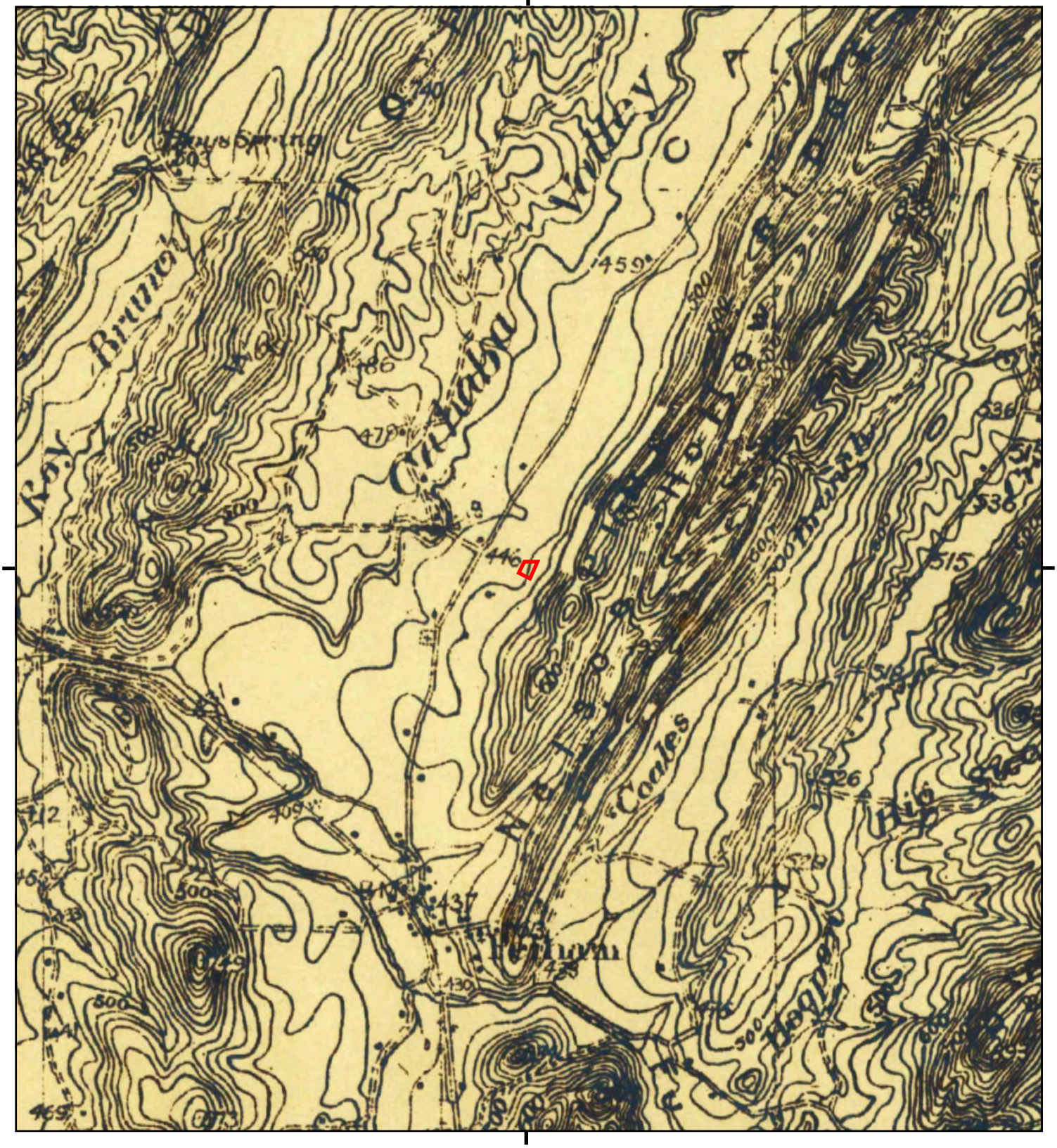
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Bessemer Special, 1907, 15-minute
TP, Bessemer Iron District, 1907, 15-minute

SITE NAME: Anthonys Pelham Parkway Site
ADDRESS: 2941 Pelham Parkway
Pelham, AL 35124
CLIENT: ECS Southeast, LLP

N



This report includes information from the following map sheet(s).

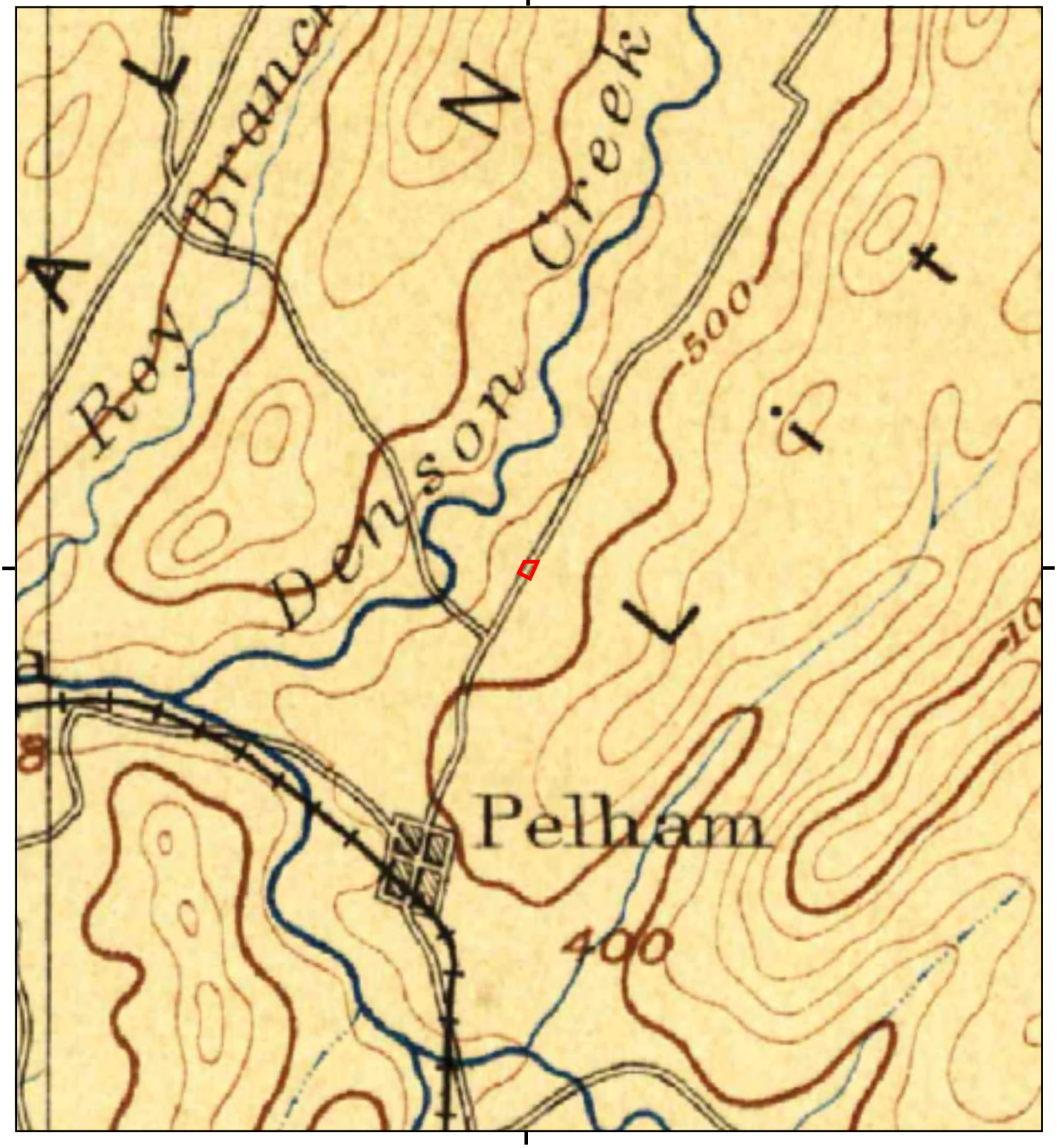
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Bessemer Special, 1905, 15-minute

SITE NAME: Anthonys Pelham Parkway Site
ADDRESS: 2941 Pelham Parkway
Pelham, AL 35124
CLIENT: ECS Southeast, LLP

N



This report includes information from the following map sheet(s).

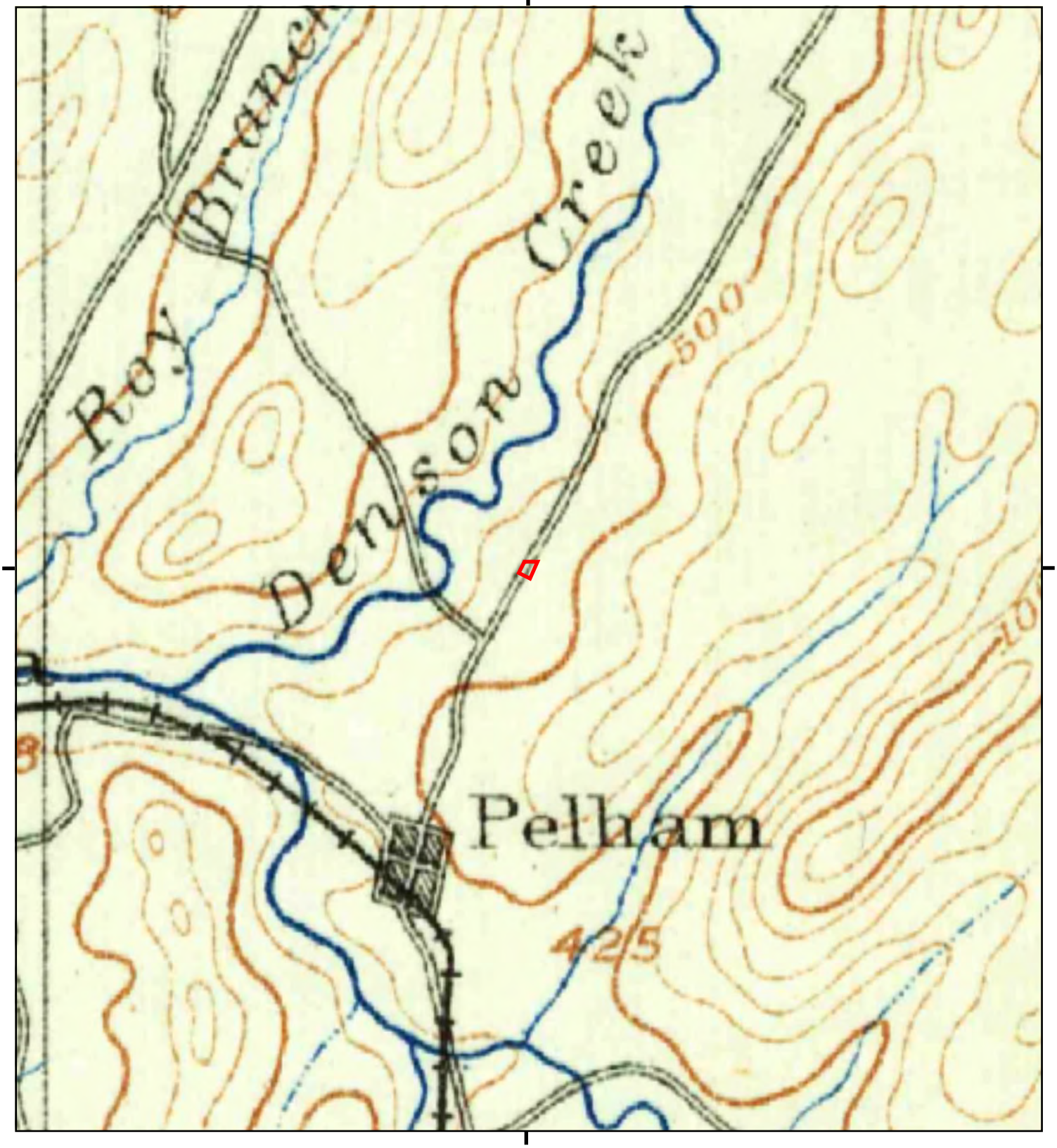
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Bessemer, 1892, 30-minute

SITE NAME: Anthonys Pelham Parkway Site
ADDRESS: 2941 Pelham Parkway
Pelham, AL 35124
CLIENT: ECS Southeast, LLP

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Bessemer, 1890, 30-minute

SITE NAME: Anthonys Pelham Parkway Site
ADDRESS: 2941 Pelham Parkway
Pelham, AL 35124
CLIENT: ECS Southeast, LLP

N

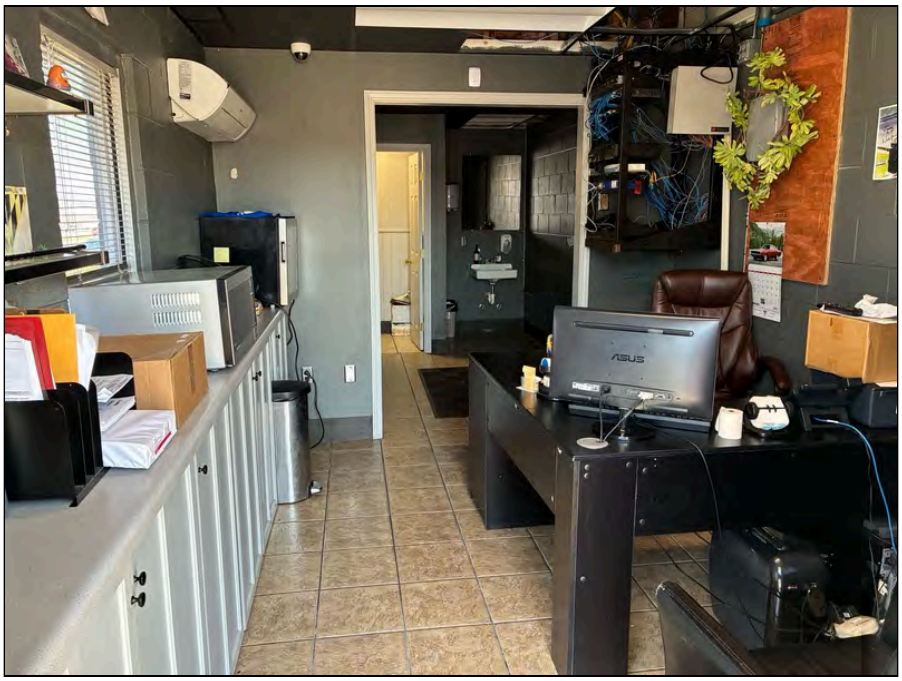
Appendix V: Site Photographs



1 - View of the subject property



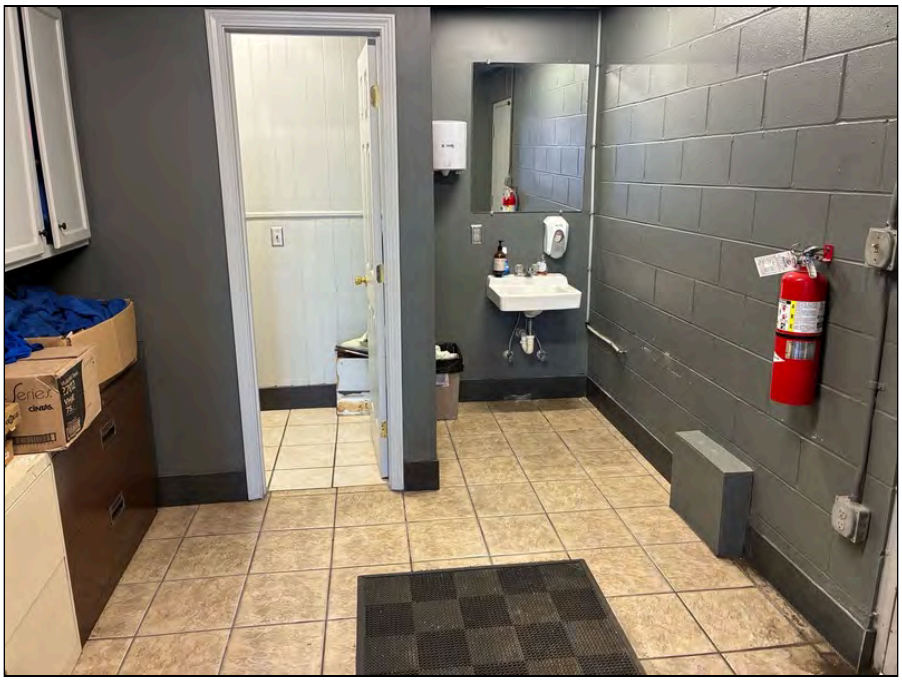
2 - Exterior of the office space



3 - Office space



4 - Office - Stored engine oil



5 - Office - The northern room



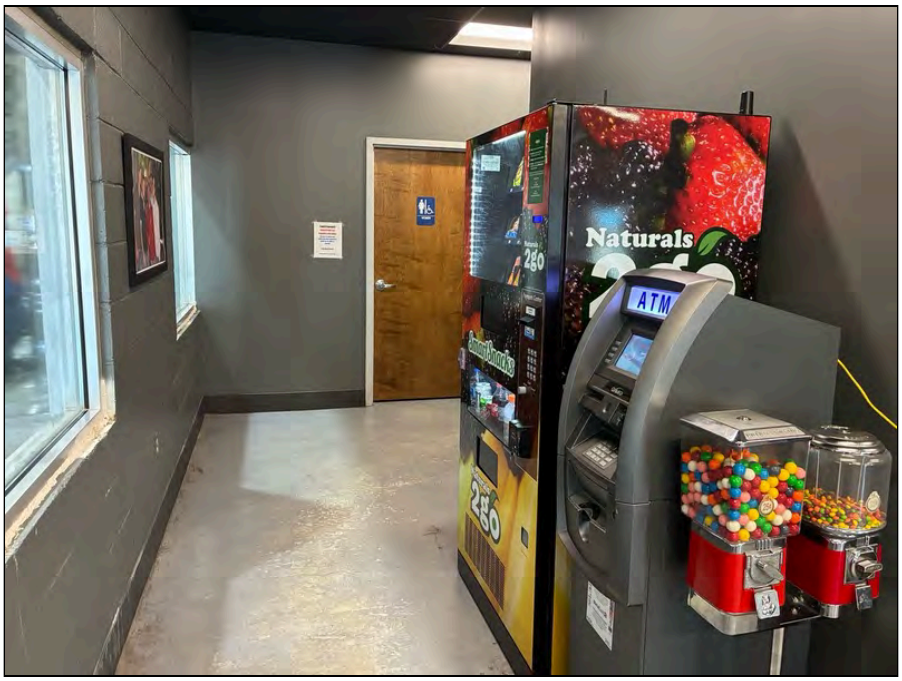
6 - Office - Restroom



7 - The car wash tunnel



8 - The exterior of the main office



9 - Office - Hall to restrooms



10 - Office - Hall with restrooms and janitorial closet



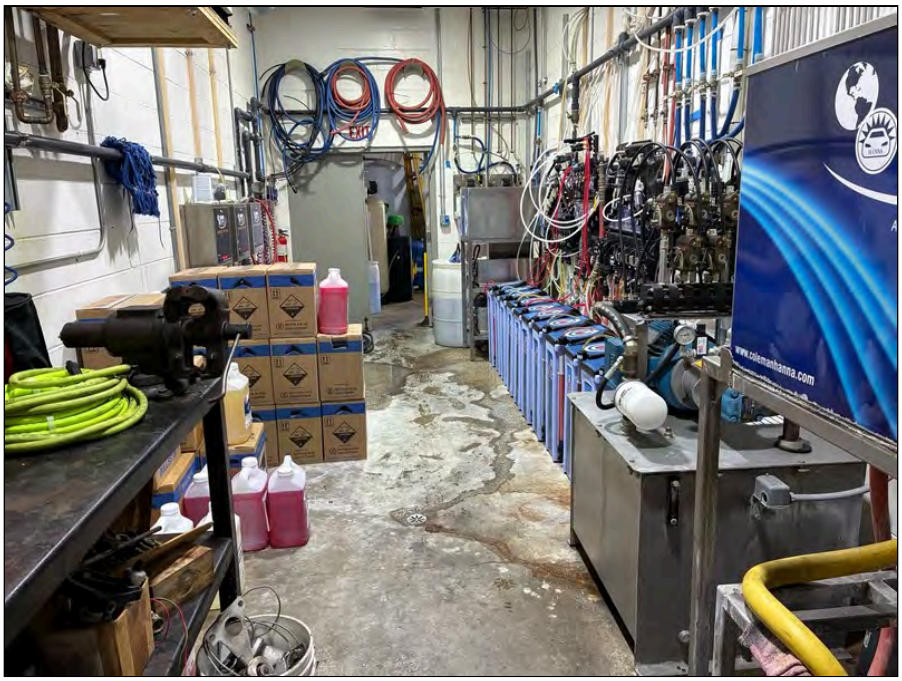
11 - Office - Restroom



12 - Office - An office space



13 - Office - Stored supplies



14 - Equipment room - View to the north



15 - Equipment room - Prep unit system



16 - Equipment room - Water tank and pump unit



17 - Equipment room - Containers of assorted cleaning agents



18 - Equipment room - Drums of hydraulic oil



19 - Equipment room - Container of hydraulic oil and a minor spill



20 - Equipment room - View to the south



21 - Equipment room - A floor drain



22 - Equipment room - A dry-type transformer



23 - Equipment room - A portable oil heater with gasoline cans



24 - Water treatment system



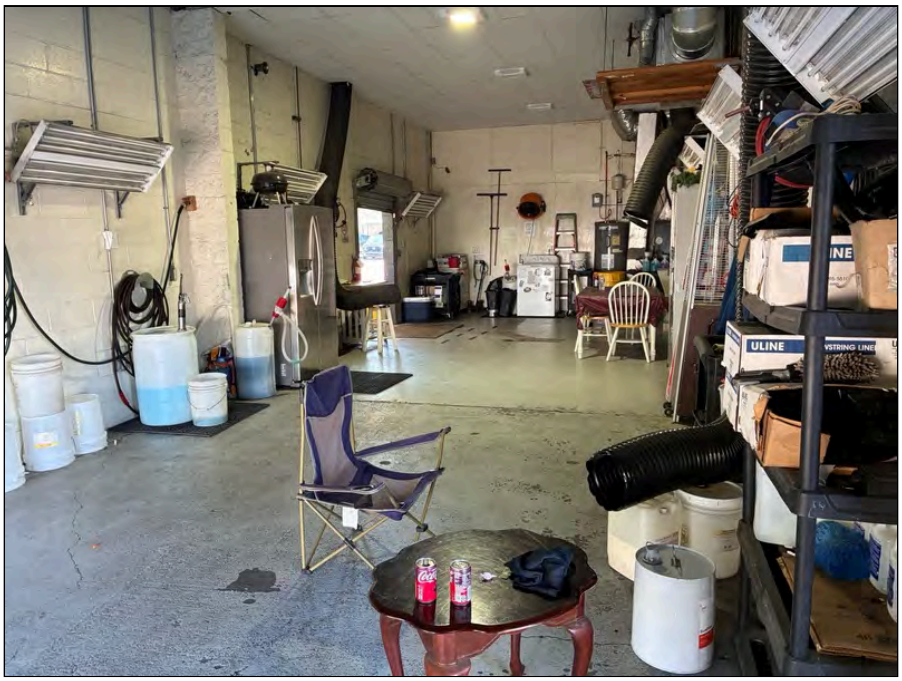
25 - Additional view of the water treatment system



26 - Entrance to the breakroom from the north



27 - Breakroom to the north



28 - Breakroom to the south



29 - Floor drain in the breakroom



30 - Breakroom - Stored items, drums, and containers



31 - Breakroom - Drums and contianers



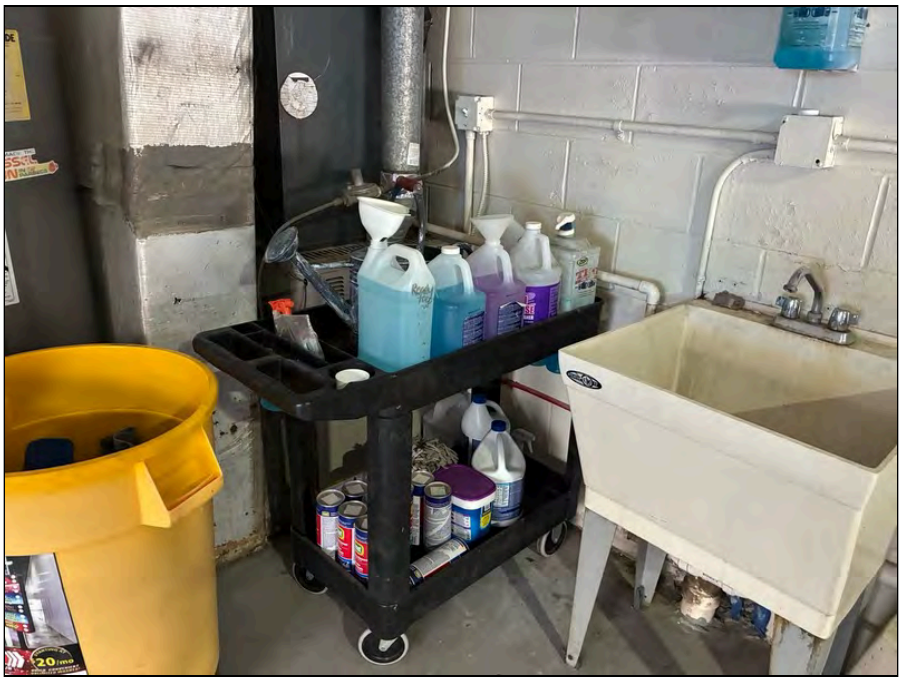
32 - Breakroom - Cleaning solvents in drums



33 - Breakroom - Additional stored cleaning solvents



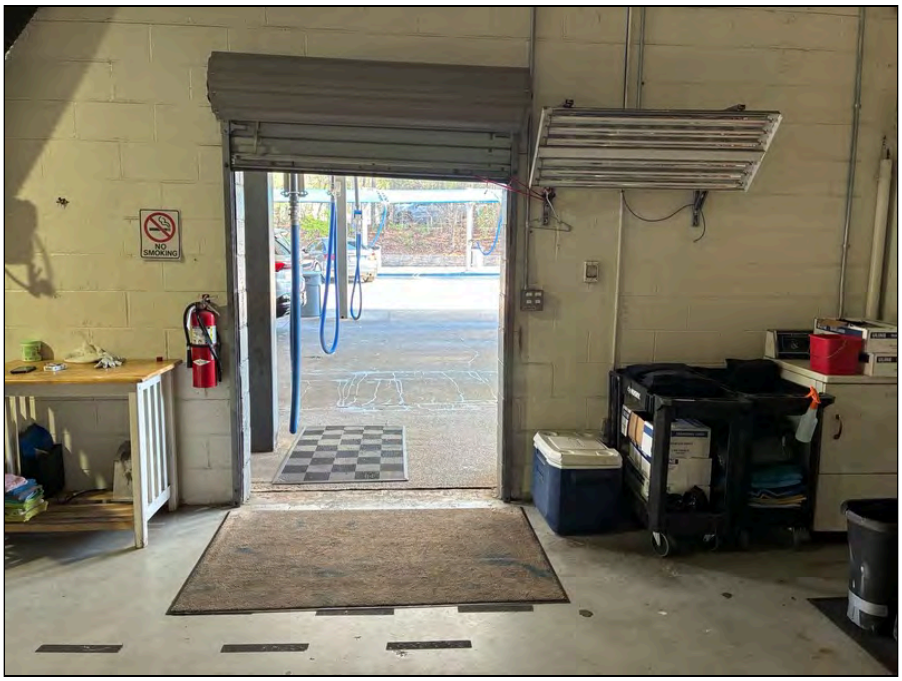
34 - Breakroom - A water heater, a washer, and cleaning supplies



35 - Breakroom - Stored cleaning supplies



36 - Breakroom - The water heater label



37 - Bay door to the breakroom



38 - Vacuum system



39 - View from the southwest corner



40 - The service area and self-service vacuum bays



41 - Vacuum and blower system



42 - A car floor mat cleaner system



43 - De minimis staining



44 - De minimis staining



45 - View to the north from the south



46 - View from the southeast corner



47 - View to the west from the southwest corner



48 - View to the north from the southeast corner



49 - View to the west from the northeast corner



50 - View from the northeast corner



51 - View to the south from the north



52 - View to the east from the northwest corner



53 - View from the northwest corner



54 - Contained area housing a compressor located on the west side of the building



55 - Compressor stored in the contained area



56 - Drums and a gasoline can located in the contained area



57 - Empty gasoline cans



58 - West side of the building



59 - Water drainage system



60 - Natural gas system



61 - Three-phase power transformer



62 - North adjoining property



63 - North adjoining property



64 - East adjoining property



65 - South adjoining property



66 - South adjoining property



67 - West adjoining property



68 - West adjoining property



69 - Office



70 - Waiting Area



71 - Staff area in northeast

Appendix VI: Statement of Qualifications

ECS GROUP OF COMPANIES: QUALIFICATIONS

ECS GROUP OF COMPANIES
14026 Thunderbolt Place, Suite 100
Chantilly, VA 20151

703.471.8400

ecslimited.com

GEOTECHNICAL | CONSTRUCTION MATERIALS | ENVIRONMENTAL | FACILITIES



COMPANY OVERVIEW



ABOUT OUR COMPANY

ECS Group of Companies (ECS) was founded in 1988 with the goal to raise the standards of professional engineering consulting. Today, we are a leader in geotechnical, construction materials, environmental and facilities consulting services. We are employee-owned with more than 3,000 employees in 100+ offices and testing facilities coast to coast.

ECS is currently ranked #66 in Engineering News-Record's Top 500 Design Firms (April 2025), #148 in Engineering News-Record's Top 200 Environmental Firms (October 2025) and #50 in Zweig Group's Hot Firm List (May 2025). For additional information about ECS, visit: www.ecslimited.com.

3,000+
employees

100+
locations

35+
years' experience

ECS CORE SERVICES

- Geotechnical
- Construction Materials
- Environmental
- Facilities

ECS FOOTPRINT

Whether your project requires local project management, specialty expertise or both, we have you covered. ECS provides the best of both worlds - the attention your projects deserve from our local team, coupled with abundant staffing and technical resources.

OUR VALUE

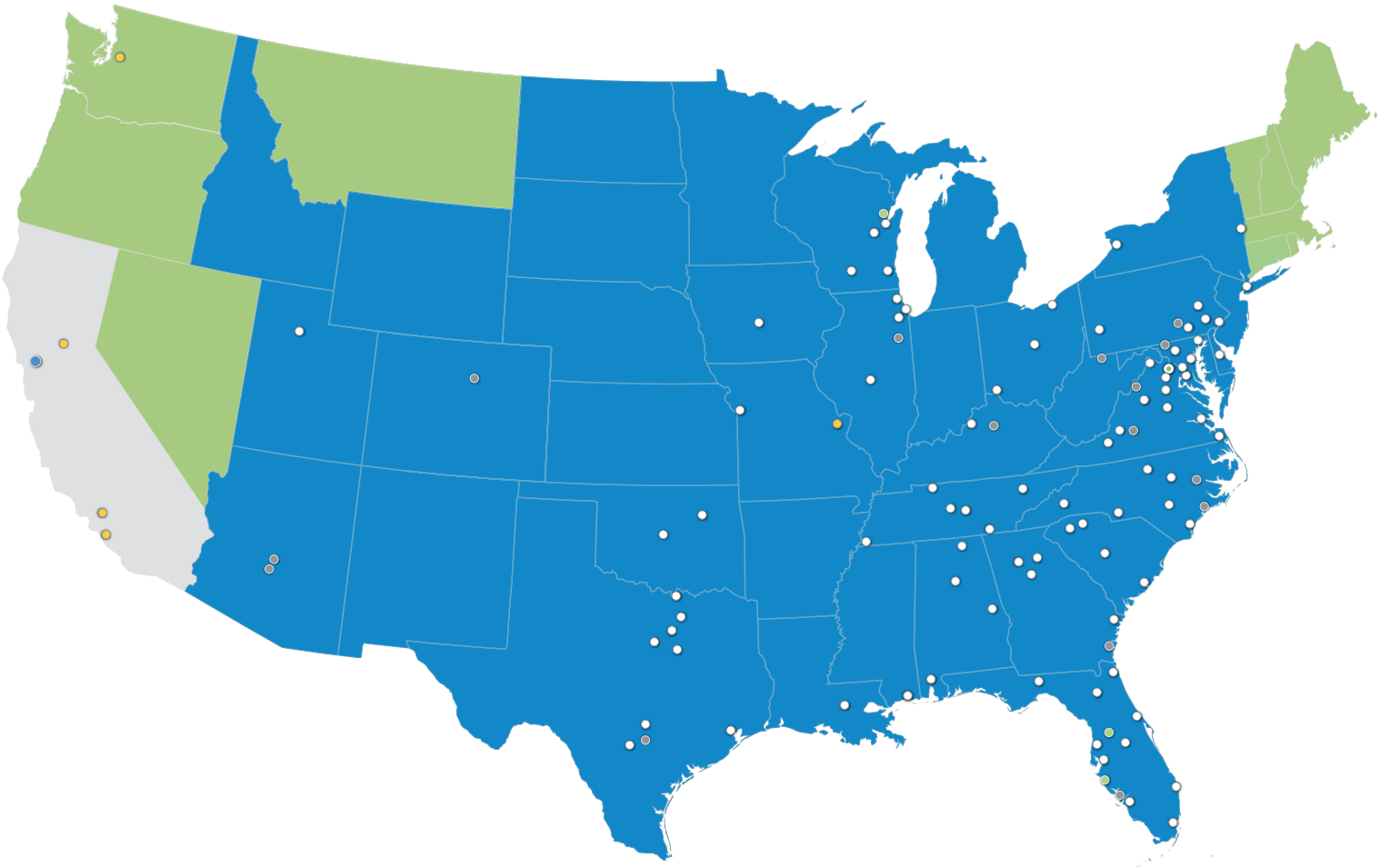
ECS embodies its philosophy of *"Setting the Standard for Service"* by using technology and experience to assist clients in the development of cost-effective, practical solutions. For over three decades, our engineering consulting services have helped our clients meet project requirements.

SAFETY PROGRAM

The ECS Safety Program is built on care and concern for our people. Genuine care and concern is the cornerstone of all we do in the name of safety at ECS. Our goal is to implement practical solutions to continually improve our safety processes and demonstrate our commitment to a safe work environment. Processes including near miss reporting, safety observations and employee engagement + feedback sessions have all been created with the goal of sending our people home safely every day.

ECS FOOTPRINT:
WHEREVER YOUR PROJECT TAKES YOU, ECS HAS... BOOTS ON THE GROUND

We have you covered! ECS offers the best of both worlds by providing your project with the attention it deserves from our local team, coupled with our specialized expertise, technical resources, and extensive staff. ECS has grown across the Mid-Atlantic, Midwest, Southeast, Southwest and Pacific.



SERVICES BY STATE

- Geotechnical, Environmental, Materials Testing + Facilities
- Geotechnical, Environmental + Facilities
- Consulting + Design Services

* *Materials Testing service area is approximately a 75-mile radius around each office.*

OFFICE SPECIFIC SERVICES

- Corporate Headquarters
- Full Service
- Testing Services
- Drilling Services
- Facilities Services
- Consulting + Design Services

DUE DILIGENCE





As part of typical commercial, industrial and residential real estate transactions, many services need to be completed prior to closing that should not be overlooked. ECS provides environmental and engineering due diligence services common to real estate transaction-driven work, including:

Environmental Due Diligence Services:

- Phase I Environmental Site Assessments (ESAs)
- Wetland and Stream Determination and Delineation Services
- Phase II Environmental Site Assessments (ESAs)
- Underground Storage Tank (UST) Assessments and Closures
- Environmental Transaction Screens (ETS)
- Regulatory Record Reviews
- HUD Assessments
- Endangered Species Assessments
- Historical and Cultural Surveys/Assessments
- Radon Assessment
- Asbestos Surveys and Abatement Design
- Lead-Based Paint Surveys and Abatement Design
- Microbial and Indoor Air Quality Assessments
- Vapor Intrusion Assessments
- Fannie Mae and Freddie Mac Assessments
- Contaminated soil management plans

Facilities Due Diligence Services:

- Accessibility Consulting
- Bank Draw Review
- Pre and Post Construction Surveys
- Property Condition Assessments (PCAs)
- Forensic Investigations
- GPR Surveys
- EIFS Services

Engineering Due Diligence Services:

- Subsurface Geotechnical Explorations
- Test Pit Evaluations
- Seismic Studies
- Cost estimating for construction
- Geologic Assessments



ECSLIMITED.COM

RESUME: LINAH TURNER-CHISM, GIT

ENVIRONMENTAL ASSISTANT STAFF PROJECT MANAGER

PROFESSIONAL CREDENTIALS

Geologist In Training Certificate

Tappisafe Safety Training Certificate

ECS: Phase I Training

SKILLS

Site Assessment, Investigation, and remediation

Oversight of Well Installation, redevelopment, abandonment, and injection

Groundwater, Surface Water, Soil, and Vapor Sampling

Water Quality and Volatile Organic Compound (VOC) Analysis

Hydraulic Conductivity and Water Level Testing

Core Logging and Sampling

EDUCATION

Bachelor of Science, 2022, Professional Geoscience, Mississippi State University, Starkville, MS

PROFESSIONAL PROFILE

Ms. Turner-Chism has over 3 years of experience assisting with certain aspects of a project including technical observation, proposal preparation, project management, field work, data analysis, numerical modeling, map preparation and technical reporting. Her field work typically involves environmental site assessments and sampling, wetland assessments and delineations, remediation feasibility studies and associated environmental permitting.

PROJECT EXPERIENCE

Proposed Zaxby's Phase I ESA, Jacksonville, AL – Site Reconnaissance and Report, Environmental Assistant Staff Project Manager

McDonald's Phase I ESA, Rainbow City, AL – Site Reconnaissance and Report, Environmental Assistant Staff Project Manager

Jack's Family Restaurant, Northport, AL – Site Reconnaissance and Report, Environmental Staff Project Manager

15630 & 15640 SR62 Property, Parrish, FL – Report, Environmental Assistant Staff Project Manager

Brevard Road Site, High Point, KY – Report, Environmental Assistant Staff Project Manager

1500 46th Ave Dr. Property, Bradenton, FL -Report, Environmental Assistant Project Manager

Sweetwater Farms (Pecan) Property, Mobile, AL – Report, Environmental Assistant Staff Project Manager

Cotton Grove Road Site, Lexington, KY – Report, Environmental Assistant Staff Project Manager

Assisted Living Facility Campbell Lane Phase I ESA, Bowling Green, KY – Report, Environmental Assistant Staff Project Manager

1700 Central Plank Phase I ESA, Wetumpka, AL – Site Reconnaissance and Report, Environmental Assistant Staff Project Manager

LAUREN ZYSLING

ASSISTANT ENVIRONMENTAL DEPARTMENT MANAGER

CERTIFICATIONS

OSHA 40-Hour HAZWOPER

OSHA 8-Hour Refresher Training Course

OSHA Confined Space

NJ Subsurface Evaluator

NJ Tank Closure License

SKILLS

Phase I Environmental Site Assessments

Phase II Environmental Site Assessments

Natural Resource Assessments

Industrial Hygiene Services

Brownfields

Vapor Intrusion

EDUCATION

Bachelor of Science, Environmental Science, 2005,
Wilkes University, Wilkes-Barre, PA

PROFESSIONAL PROFILE

Ms. Zysling is a Assistant Department Manager for ECS with more than 15 years of experience. Her project experience includes Phase I Environmental Site Assessments (ESA's), Phase II Site Assessments, underground storage tank (UST) removal, and soil and groundwater remediation. Ms. Zysling has project responsibilities that include client contact to identify project requirements and project execution. In that capacity, Ms. Zysling has performed field work for Phase I ESA's, Phase II ESA's, soil and groundwater remediation, Brownfields and Vapor Intrusion, and other environmental services. She has planned and executed environmental investigations and remediations on residential, commercial, municipal and industrial facilities.

PROJECT EXPERIENCE

- Wilson Boulevard Parcel Phase I ESA, Blythewood, SC
- West Black Street Soil Gas Assessment, Rock Hill, SC
- Greer VCC UST Removal Oversight, Greer, SC
- Proposed Starbucks - Phase II Assessment, Columbia, SC
- KFC-Grovetown (Augusta) Phase I ESA, Grovetown, GA
- Domino's Production Facility Phase I ESA, West Columbia, SC
- Parks Hospitality Site Soil & GW Assessment, Charlotte, NC
- First Citizens Bank RIMS, Lugoff, SC
- Former BP Hardeeville UST Removal, Hardeeville, SC
- Proposed Starbucks Forest Drive Phase I ESA, Columbia, SC
- Proposed 7-Eleven Wrenn Farms Soil & GW Assessment, High Point, NC
- Fountain Inn Well SSWP Prep & GW Sampling, Fountain Inn, SC
- 4021 West Palmetto Street Phase I ESA, Florence, SC
- First Citizens Bank, Beech Island, SC
- Project Majestic Riegel, Lion Equity Phase II, McCormick, SC

Appendix VII: Acronyms

List of Common Acronyms

AULs	Activity and Use Limitations
AST	Aboveground Storage Tank
ASTM	ASTM International
ACM	Asbestos Containing Materials
BER	Business Environmental Risk
CORRACTS	CERCLA Corrective Action List
NPL	CERCLA National Priorities List
NFRAP	CERCLA No Further Remedial Action Planned
CERCLA	Comprehnsive Environmental Response Cleanup Liability Act
CESQG	Conditionally Exempt Small Quantity Generator
CREC	Controlled Recognized Environmental Condition
ERNS	Emergency Response Notification System
EC	Engineering Controls
HIST LF	Historical Landfill
HREC	Historical Recognized Environmental Condition
IC	Institutional Controls
LQG	Large Quantity Generator
LBP	Lead Based Paint
LTANKS	Leaking Tanks
LUST	Leaking Underground Storage Tank
REC	Recognized Environmental Condition
RCRA	Resource Conservation and Recovery Act
RCRIS	Resource Conservation and Recovery Information System
SQG	Small Quantity Generator
SWF/LF	Solid Waste Facility/Landfill
SHWS	State Hazardous Waste Sites
UST	Underground Storage Tank
USGS	United States Geological Survey

APPENDIX B

WATER WELL INFORMATION

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40000007661**

Organization ID:	USGS-AL	Organization Name:	USGS Alabama Water Science Center
Monitor Location:	M 5-USGS 331836086481401	Type:	Well
Description:	Not Reported	HUC:	03150202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19640000
Well Depth:	67	Well Depth Units:	ft
Well Hole Depth:	67	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1968-11-07
Feet below surface:	13.04	Feet to sea level:	Not Reported
Note:	Not Reported		

2
SSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000007593**

Organization ID:	USGS-AL	Organization Name:	USGS Alabama Water Science Center
Monitor Location:	M 6-USGS 331723086484801	Type:	Well
Description:	Not Reported	HUC:	03150202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19660000
Well Depth:	290	Well Depth Units:	ft
Well Hole Depth:	290	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1968-11-07
Feet below surface:	32.75	Feet to sea level:	Not Reported
Note:	Not Reported		

A3
SSW
1/2 - 1 Mile
Lower

AL WELLS **ALW210000039284**

WELLS 2:

Facility ID:	125229	Facility Name:	117M24001
Facility Type:	Public	Media Type:	Not Reported
Active:	Y	Elevation (ft):	461
Aquifer:	Not Reported	Well Designation:	M-24-1
Spring Name:	Not Reported	Driller Key #:	4696
Driller Name:	H.W. Peerson Drilling Co.	Driller License #:	Not Reported
Owner:	Pelham Water Works		
Comments:	Well destroyed		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A4
SSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000007584**

Organization ID:	USGS-AL	Organization Name:	USGS Alabama Water Science Center
Monitor Location:	M 9 CITY OF PELHAM-USGS 331714086484601		
Type:	Well	Description:	Not Reported
HUC:	03150202	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Valley and Ridge aquifers
Formation Type:	Lenoir Limestone	Aquifer Type:	Not Reported
Construction Date:	19651000	Well Depth:	414
Well Depth Units:	ft	Well Hole Depth:	414
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-07-26
Feet below surface:	40.21	Feet to sea level:	Not Reported
Note:	Not Reported		

5
North
1/2 - 1 Mile
Lower

FED USGS **USGS40000007685**

Organization ID:	USGS-AL	Organization Name:	USGS Alabama Water Science Center
Monitor Location:	M 15 PELHAM CROSS CK.-USGS 331850086483601		
Type:	Well	Description:	CITY OF PELHAM-CROSS CREEK WELL
HUC:	03150202	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Not Reported
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19740401	Well Depth:	414
Well Depth Units:	ft	Well Hole Depth:	414
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for SHELBY County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 35124

Number of sites tested: 3

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.467 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	3.000 pCi/L	50%	50%	0%

PRSRT STD
U.S. POSTAGE
PAID
BIRMINGHAM, AL
PERMIT NO. 3246

Pelham Water Works Board
PO Box 1479
Pelham, AL 35124

Pelham Water Works Board
PWSID #AL0001163

2024 Annual Drinking Water Quality Report

(For The 2023 Drinking Water Period)



Pelham Water Works Board
PO Box 1479 | Pelham, AL 35124
PWS ID #:AL0001163
2024 Annual Drinking Water Quality Report
(For The 2023 Drinking Water Period)

The U.S. Environmental Protection Agency (EPA) wants you to know: In order to ensure that tap water is secure to drink, the EPA prescribes regulations that limit the amounts of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water that must provide the same protection for public health. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk.

More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Drinking Water Hotline (800-426-4791). The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and radioactive material, and it can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include: Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife. Inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming. Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses. Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems. Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. We are required to monitor for each of these contaminants according to a schedule set by the EPA and the State.

Important Information About Lead: If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Pelham Water Works Board is responsible for providing high quality drinking water but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Drinking Water Hotline or at: http://www.epa.gov/safewater/lead.

Pelham Water Works Board

PWSID: #AL0001163

205-620-6420

2024 Annual Drinking Water Quality Report

(For The 2023 Drinking Water Period)

What's the Quality of My Water?

We are pleased to provide you with the 2024 Annual Drinking Water Quality Report. This report shows the results of our monitoring for the period of January 1st to December 31st of 2023. We want to keep you informed about the excellent water and services we deliver to you each year. Our goal is and always has been, to provide you a clean and dependable supply of drinking water.

Pelham Water Works routinely monitors for contaminants in our drinking water in accordance of Federal and State Laws. As you can see by the table, our system had no violations. We are pleased to report that our drinking water meets Federal and State requirements.

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and the Alabama Department of Environmental Management (ADEM) drinking water health standards. We are proud to report that our system has not violated a maximum contaminant level or any other water quality standards.

Our water sources consist of five wells that draw from Copper Ridge Dolomite and Longview Limestone Aquifers and purchase water from Shelby County Water Services whose sources are the Talladega/Shelby Water Treatment Plant (TSWTP) and the Shelby South Water Treatment Plant (SWTP). The water treated at these facilities comes from Coosa River/Lay Lake. We treat our well water by adding chlorine at each well before distribution and treatment of the water purchase from Shelby County Water Services is typical of surface water plants which includes flocculation, sedimentation, filtration and the addition of copper sulfate, potassium permanganate, hydrogen peroxide, powdered activated carbon, chlorine dioxide, alum-based coagulant, ferric-based coagulant, calcium carbonate, granular activated, carbon, chlorine for disinfection and fluoride for dental health.

Pelham Water Works has completed a Source Water Assessment Program as required by the Alabama Department of Environmental Management (ADEM) and a copy is available for viewing at the Water Works office.

Pelham Water Works, works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

If you have any questions about this report or concerning your water utility, please contact the City of Pelham's Director of Development Services and Public Works, Mr. Andre Bittas at (205) 620-6413. We want our valued customers to be informed about their water utility. If you want to attend any of our regularly scheduled City Council Meetings, they are on the 1st and 3rd Monday of each month.

Mayor Gary W. Waters is the Superintendent of the Water Works and the City Council members serve as the Water Board. The City Council Members include: Maurice Mercer (President), Chad Leverett, Michael Harris, David Coram, and Rick Wash.

Pelham Water Works Board
PO Box 1479 | Pelham, AL 35124
PWS ID #:AL000163

Note: Some people may be more vulnerable to contaminauts in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminauts are available from the Drinking Water Hotline (1-800-426-4791).

Turbidity is a measure of the cloudiness of the water. We monitor it because it is a good indicator of water quality. High turbidity can hinder the effectiveness of disinfectants.

Based on a study conducted by ADEM with the approval of the EPA, a statewide waiver for the monitoring of asbestos and dioxin was issued. Thus, monitoring for these contaminants was not required.

Definitions:

Maximum Contaminant Level (MCL): The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level Goal or MRDLG: The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Maximum Residual Disinfectant Level or MRDL: The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Action Level (or AL): The concentration of a contaminant that triggers treatment or other requirement, a water system shall follow.

Treatment Technique (or TT): A required process intended to reduce the level of a contaminant in drinking water.

Nephelometric Turbidity Units (NTU): A measure of clarity.

Variances and Exemptions: ADEM or EPA permission not to meet an MCL or a treatment technique under certain conditions.

Non-Detect (ND): Not detectable at testing limits.

Parts per Million (PPM): milligrams per liter (mg/l). One part per million corresponds to a single penny in $10,000.

Parts per Billion (PPB): micrograms per liter (ug/l). One part per billion corresponds to a single penny in $10,000,000.

Parts per Trillion (PPT): nanograms per liter (nanograms/l). One part per trillion corresponds to a single penny in $10,000,000,000.

Picocuries per Liter (pCi/L): A measure of radioactivity.

Millirems per Year (mrem/yr): Measure of radiation absorbed by the body.

Standard Units (S.U.): pH of water measures the water's balances of acids and bases. Water with less than 6.5 could be acidic, soft, and corrosive. A pH greater than 8.5 could indicate that the water is hard.

N/A: Not applicable

FDA: Food and Drug Administration.

CDC: Centers for Disease Control.

EPA: Environmental Protection Agency.

ADEM: Alabama Department of Environmental Management.

UCMR Definitions:

UCMR Minimum Reporting Level (MRL): The minimum concentration that may be reported by a laboratory as a quantified value for a method analyte following analysis. The MRLs were established based on the capability of the analytical method, not based on a level established as "significant" or "harmful".

UCMR Reference Concentration: The reference concentrations are based on publicly-available health information found in the following EPA resources: 2018 Edition of the Drinking Water Standards and Health Advisories Tables [i.e., Health advisories (HA)] and the CCL 4 Contaminant Information Sheets {i.e., Health Reference Levels (HRLs)]. The primary sources of the health information used to derive the guideline values in the resources referenced above are peer-reviewed assessments from EPA or other governmental agencies. The reference concentrations are subject to change as new health assessments are completed. Reference Concentrations are not legally enforceable federal standards.

Health Reference Levels (HRL): The CCL process derives HRLs for screening purposes using available data and can be used in the Regulatory Determination process as risk-derived concentrations against which to evaluate the occurrence data to determine if contaminants may occur at levels of public health concern. HRLs are not final determinations about the level of a contaminant in drinking water that is necessary to protect any particular population and, in some cases, are derived prior to development of a complete exposure assessment using the best available data. HRLs are not legally enforceable federal standards

Health Advisories (HA): Has provide information on contaminants that can cause human health effects and are known or anticipated to occur in drinking water. EPA's health advisories are non-enforceable and non-regulatory and provide technical information to State agencies and other public health officials on health effects, analytical methodologies and treatment technologies to assist with risk management decisions.

Note: EPA has introduced interim health advisory limits for PFOA and PFOS. The interim health advisory limit for PFOS is 0.00002 ug/L. The interim health advisory limit for PFOA is 0.000004 ug/L. The new health advisory limits are lower than the amount which can be detected with current laboratory technology.

The State allows us to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data, though accurate, are more than one year old. This report contains results from the most recent monitoring which was performed in accordance with the regulatory schedule.

Contaminants Monitored	Date Monitored
Inorganic Compounds	2021-2023
Lead and Copper	2022
Microbiological Contaminants	Current
Nitrates	2023
Radioactive Contaminants	2018-2023
Synthetic Organic Contaminants (including herbicides and pesticides)	2022-2023
Volatile Organic Contaminants	2022-2023
Disinfection By-products (TTHM and HAA5)	2023

Table of Primary Drinking Water Contaminants

CONTAMINANT	MCL	Amount Detected	CONTAMINANT	MCL	Amount Detected
Bacteriological			Endothall	100 ppb	ND
Total Coliform Bacteria	< 5%	ND	Endrin	2 ppb	ND
Turbidity	TT	0.95	Epichlorohydrin	TT	ND
Radiological			Glyphosate	700 ppb	ND
Beta/photon emitters (mrem/yr)	4	ND	Heptachlor	400 ppt	ND
Alpha emitters (pCi/L)	15	2.1	Heptachlor epoxide	200 ppt	ND
Combined radium (pCi/L)	5	0.199	Hexachlorobenzene	1 ppb	ND
Inorganic			Lindane	200 ppt	ND
Antimony	6 ppb	ND	Methoxychlor	40 ppb	ND
Arsenic	10 ppb	ND	Oxamyl [Vydate]	200 ppb	ND
Barium	2 ppm	0.093	PCBs	500 ppt	ND
Beryllium	4 ppb	ND	Pentachlorophenol	1 ppb	ND
Cadmium	5 ppb	ND	Picloram	500 ppb	ND
Chromium	100 ppb	ND	Simazine	4 ppb	ND
Copper *	AL=1.3 ppm	0.21	Toxaphene	3 ppb	ND
Cyanide	200 ppb	ND	Benzene	5 ppb	ND
Fluoride	4 ppm	1.2	Carbon Tetrachloride	5 ppb	ND
Lead *	AL=15 ppb	2.	Chlorobenzene	100 ppb	ND
Mercury	2 ppb	ND	Dibromochloropropane	200 ppt	ND
Nitrate	10 ppm	1.22	o-Dichlorobenzene	600 ppb	ND
Nitrite	1 ppm	ND	p-Dichlorobenzene	75 ppb	ND
Selenium	50 ppb	ND	1,2-Dichloroethane	5 ppb	ND
Thallium	2 ppb	ND	1,1-Dichloroethylene	7 ppb	ND
*90th percentile of the most recent sampling event.			Cis-1,2-Dichloroethylene	70 ppb	ND
Organic Chemicals			trans-1,2-Dichloroethylene	100 ppb	ND
2,4-D	70 ppb	ND	Dichloromethane	5 ppb	ND
2,4,5-TP (Silvex)	50 ppb	ND	1,2-Dichloropropane	5 ppb	ND
Acrylamide	TT	ND	Ethylbenzene	700 ppb	ND
Alachlor	2 ppb	ND	Ethylene dibromide	50 ppt	ND
Atrazine	3 ppb	ND	Styrene	100 ppb	ND
Benzo(a)pyrene[PAHs]	200 ppt	ND	Tetrachloroethylene	5 ppb	ND
Carbofuran	40 ppb	ND	1,2,4-Trichlorobenzene	70 ppb	ND
Chlordane	2 ppb	ND	1,1,1-Trichloroethane	200 ppb	ND
Dalapon	200 ppb	ND	1,1,2-Trichloroethane	5 ppb	ND
Di-(2-ethylhexyl)adipate	400 ppb	ND	Trichloroethylene	5 ppb	ND
Di-(2-ethylhexyl)phthalates	6 ppb	ND	TTHM	80 ppb	71.9
Dinoseb	7 ppb	ND	Toluene	1 ppm	ND
Diquat	20 ppb	ND	Vinyl Chloride	2 ppb	ND
Chloramines	4 ppm	ND	Xylenes	10 ppm	ND
Chlorite	1 ppm	ND	TOC	TT	2.0
HAA5	60 ppb	55.5	Chlorine	4 ppm	2.22

Table of Unregulated Drinking Water Contaminants

CONTAMINANT	Low Result, PPM	High Result, PPM	CONTAMINANT	Low Result, PPM	High Result, PPM
1,1 - Dichloropropene	ND	ND	Chloroform	ND	0.0031
1,1,1,2-Tetrachloroethane	ND	ND	Chloromethane	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	Dibromochloromethane	ND	ND
1,1-Dichloroethane	ND	ND	Dibromomethane	ND	ND
1,2,3 - Trichlorobenzene	ND	ND	Dicamba	ND	ND
1,2,3 - Trichloropropane	ND	ND	Dichlorodifluoromethane	ND	ND
1,2,4 - Trimethylbenzene	ND	ND	Dieldrin	ND	ND
1,3 - Dichloropropane	ND	ND	Hexachlorobutadiene	ND	ND
1,3 - Dichloropropene	ND	ND	p-Isopropylbenzene	ND	ND
1,3,5 - Trimethylbenzene	ND	ND	M-Dichlorobenzene	ND	ND
2,2 - Dichloropropane	ND	ND	Methomyl	ND	ND
3-Hydroxycarbofuran	ND	ND	MTBE	ND	ND
Aldicarb	ND	ND	Metolachlor	ND	ND
Aldicarb Sulfone	ND	ND	Metribuzin	ND	ND
Aldicarb Sulfoxide	ND	ND	N - Butylbenzene	ND	ND
Aldrin	ND	ND	Naphthalene	ND	ND
Bromobenzene	ND	ND	N-Propylbenzene	ND	ND
Bromochloroacetic acid	ND	ND	O-Chlorotoluene	ND	ND
Bromodichloromethane	ND	0.0008	P-Chlorotoluene	ND	ND
Bromoform	ND	ND	P-Isopropyltoluene	ND	ND
Bromomethane	ND	ND	Propachlor	ND	ND
Butachlor	ND	ND	Sec - Butylbenzene	ND	ND
Carbaryl	ND	ND	Tert - Butylbenzene	ND	ND
Chloroethane	ND	ND	Trichlorofluoromethane	ND	ND

Table of Secondary Drinking Water Contaminants

CONTAMINANT	MCLG	MCL	Low Result	High Result	CONTAMINANT	MCLG	MCL	Low Result	High Result
pH	7	Monitored	6.55 –	7.39	Aluminum	0	0.2	ND	0.362
Color, APHA (units)	N/A	15	ND	ND	Copper	N/A	1	0.003	0.21
Odor	N/A	3	ND	ND	Iron	0	0.3	ND	0.05
Foaming Agents	N/A	0.5	ND	ND	Manganese	0	0.05	ND	0.04
TDS	0	500	88	232	Silver	0	0.1	ND	ND
Fluoride	N/A	2.0	ND	1.2	Zinc	0	5	ND	ND
Sulfate	0	250	2.28	28.2	Total Hardness	0	Monitored	86	181
Chloride	N/A	250	4.87	12.0	Corrosivity	N/A	N/A	Non-Corrosive	Non-Corrosive

Table of Detected Primary Drinking Water Contaminants

CONTAMINANT	MCLG	MCL	Range Detected			Likely Source of Contamination
Turbidity	N/A	TT	0.02	-	0.95	Soil Runoff.
Barium	2	2 ppm	0.021	-	0.093	Discharge of drilling wastes; discharge of metal refineries; erosion of natural deposits
Nitrate	10	10 ppm	0.1	-	1.22	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Copper	1.3	AL-1.3ppm	0.003	-	0.21	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.
Lead	0	AL-15ppb	ND	-	2.	Corrosion of household plumbing systems; erosion of natural deposits
TOC	N/A	TT	0.2	-	2.0	Naturally present in the environment
Fluoride	4	4 ppm	ND	-	1.2	Erosion of natural deposits; water additives which promotes strong teeth; discharge from fertilizer and aluminum factories.
Alpha Emitters	0	15 pCi/L	ND	-	2.1	Erosion of Natural Deposits
Combined Radium	0	5 pCi/L	ND	-	0.199	Erosion of Natural Deposits
TTHM	80	80 ppb	17.0	-	71.9	By-Product of drinking water chlorination
HAA5	60	60 ppb	7.0	-	55.5	By-Product of drinking water chlorination
Chlorine	MRDLG=4	MRDL= 4 ppm	0.36	-	2.22	Water additive used to control microbes

Water Systems are selected by The Environmental Protection Agency (EPA) to participate in the Unregulated Contaminant Monitoring (UCMR) program to collect nationally representative data for contaminants suspected to be present in drinking water. These contaminants do not have regulatory standards. The monitoring period is between 2018 – 2020. This monitoring is used by the EPA to understand the frequency and level of occurrence of unregulated contaminants in the nation's public water systems. Every five years the EPA develops a new list of UCMR contaminants, largely based on the Contaminant Candidate List (CCL). The detection of a UCMR contaminant does not represent cause for concern, in and of itself.

Pelham Water Works Board has completed additional testing for PFAS in 2022, as required by Alabama Department of Environmental Management (ADEM). Those results are also included in this table.

Table of Detected UCMR 4 Contaminants and PFAS

Contaminant	Minimum Reporting Level (MRL/ug/L)	Reference Concentration (ug/L)	Range Detected			Additional Information
Manganese	0.4	300	3.1	-	3.1	Naturally occurring element; commercially available in combination with other elements and materials; a byproduct of zinc ore processing; used in infrared optics, fiber optic systems, electronics and solar applications
Bromochloroacetic Acid	NA	NA	2.7	-	3.	By-products of drinking water chlorination
Bromodichloroacetic Acid	NA	NA	3.3	-	4.	By-products of drinking water chlorination
Chlorodibromoacetic Acid	NA	NA	ND	-	0.31	By-products of drinking water chlorination
Dichloroacetic Acid	NA	NA	17.4	-	23.3	By-products of drinking water chlorination
Monochloroacetic Acid	NA	NA	ND	-	2.3	By-products of drinking water chlorination
Trichloroacetic Acid	NA	NA	19.1	-	30.2	By-products of drinking water chlorination
Perfluorobutanesulfonic Acid	NA	NA	ND	-	0.11	Final Health Advisory Limit for PFBS is 2.0 ug/L
Perfluorodecanoic Acid	NA	NA	ND	-	0.003	No Health Advisory Limit Established
Perfluorohexanoic Acid	NA	NA	ND	-	0.026	No Health Advisory Limit Established
Perfluoroheptanoic Acid	NA	NA	ND	-	0.0099	No Health Advisory Limit Established
Perfluorohexanesulfonic Acid	NA	NA	ND	-	0.0044	No Health Advisory Limit Established
Perfluorononanoic Acid	NA	NA	ND	-	0.0027	No Health Advisory Limit Established
Perfluorooctanesulfonic Acid (PFOS)	NA	NA	ND	-	0.039	Interim Health Advisory Limit for PFOS is 0.00002 ug/L
Perfluorooctanoic Acid (PFOA)	NA	NA	ND	-	0.028	Interim Health Advisory Limit for PFOA is 0.000004 ug/L
Perfluorotetradecanoic Acid	NA	NA	ND	-	0.0029	No Health Advisory Limit Established
Perfluorotridecanoic Acid	NA	NA	ND	-	0.00056	No Health Advisory Limit Established
Perfluoroundecanoic Acid	NA	NA	ND	-	0.0027	No Health Advisory Limit Established

Pelham Water Works Board

PWSID: AL0001163
205-620-6420

2024 Annual Drinking Water Quality Report (For The 2023 Drinking Water Period)

What's the Quality of My Water?

Earlier this year, we provided our 2024 Annual Drinking Water Quality Report. Since we purchased a portion of our water from Shelby County Water Services, they provided us with their water quality information. We then included this information in our water quality report. One of the tables in their water quality report contained errors, which were then included in our report. Since reporting this information correctly is important to us at Pelham Water Works Board, we are providing this addendum to our original report.

The following table was included in our annual report. The results previously reported incorrectly have been corrected in the table presented here. This information should be kept with your copy of our 2024 Annual Drinking Water Quality Report.

Table of Detected UCMR 4 Contaminants and PFAS

Contaminant	Minimum Reporting Level (MRL/ug/L)	Reference Concentration (ug/L)	Range Detected			Additional Information
Manganese	0.4	300	3.1	-	3.1	Naturally occurring element; commercially available in combination with other elements and materials; a byproduct of zinc ore processing; used in infrared optics, fiber optic systems, electronics and solar applications
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Bromodichloroacetic Acid	NA	NA	3.3	-	4.	By-products of drinking water chlorination
Chlorodibromoacetic Acid	NA	NA	ND	-	0.31	By-products of drinking water chlorination
Dichloroacetic Acid	NA	NA	17.4	-	23.3	By-products of drinking water chlorination
Monochloroacetic Acid	NA	NA	ND	-	2.3	By-products of drinking water chlorination
Trichloroacetic Acid	NA	NA	19.1	-	30.2	By-products of drinking water chlorination
Perfluorobutanesulfonic Acid	NA	NA	ND	-	0.084	Final Health Advisory Limit for PFBS is 2.0 ug/L
Perfluorodecanoic Acid	NA	NA	ND	-	0.0013	No Health Advisory Limit Established
Perfluorohexanoic Acid	NA	NA	ND	-	0.02	No Health Advisory Limit Established
Perfluoroheptanoic Acid	NA	NA	ND	-	0.0079	No Health Advisory Limit Established
Perfluorohexanesulfonic Acid	NA	NA	ND	-	0.0028	No Health Advisory Limit Established
Perfluornonanoic Acid	NA	NA	ND	-	0.0019	No Health Advisory Limit Established
Perfluoroctanesulfonic Acid (PFOS)	NA	NA	ND	-	0.027	Interim Health Advisory Limit for PFOS is 0.00002 ug/L
Perfluoroctanoic Acid (PFOA)	NA	NA	ND	-	0.0022	Interim Health Advisory Limit for PFOA is 0.000004 ug/L
Perfluorotetradecanoic Acid	NA	NA	ND	-	0.0029	No Health Advisory Limit Established
Perfluorotridecanoic Acid	NA	NA	ND	-	0.00056	No Health Advisory Limit Established
Perfluoroundecanoic Acid	NA	NA	ND	-	0.0027	No Health Advisory Limit Established

Note: EPA has introduced interim health advisory limits for PFOA and PFOS. The interim health advisory limit for PFOS is 0.00002 ug/L. The interim health advisory limit for PFOA is 0.000004 ug/L. The new health advisory limits are lower than the amount which can be detected with current laboratory technology.

Pelham Water Works Board
P.O. Box 1479 Pelham, Alabama 35124
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2026 Annual Drinking Water Quality Report
(For The 2025 Drinking Water Period)

The U.S. Environmental Protection Agency (EPA) wants you to know: In order to ensure that tap water is secure to drink, the EPA prescribes regulations that limit the amounts of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water that must provide the same protection for public health. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk.

More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Drinking Water Hotline (800-426-4791). The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and radioactive material, and it can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife. *Inorganic contaminants*, such as salts and metals, which can be naturally occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming. *Pesticides and herbicides*, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses. *Organic chemical contaminants*, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems. *Radioactive contaminants*, which can be naturally occurring or be the result of oil and gas production and mining activities. We are required to monitor for each of these contaminants according to a schedule set by the EPA and the State.

Important Information About Lead: If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Pelham Water Works Board is responsible for providing high quality drinking water but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Drinking Water Hotline or at: : http://www.epa.gov/safewater/lead.



2026 Annual Drinking Water Quality Report

(For The 2025 Drinking Water Period)

Pelham Water Works

PWSID #AL0001163

Pelham Water Works
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Pelham, AL 35124

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Pelham Water Works

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2026 Annual Drinking Water Quality Report (For The 2025 Drinking Water Period)

What's the Quality of My Water?

We are pleased to provide you with the 2025 Annual Drinking Water Quality Report. This report shows the results of our monitoring for the period of January 1st to December 31st of 2025. We want to keep you informed about the excellent water and services we deliver to you each year. Our goal is and always has been, to provide you with a clean and dependable supply of drinking water.

Pelham Water Works routinely monitors for contaminants in our drinking water in accordance of Federal and State Laws. As you can see by the table, our system had no violations. We are pleased to report that our drinking water meets Federal and State requirements.

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and the Alabama Department of Environmental Management (ADEM) drinking water health standards. We are proud to report that our system has not violated a maximum contaminant level or any other water quality standards.

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Mayor Rick Wash is the Superintendent of the Water Works, and the City Council members serve as the Water Board. The Pelham City Council members consist of Chad Leverett (President), Michelle Power, Christine Townes, Markus Hal Snowden, and Michael Harris.

Pelham Water Works
P.O. Box 1479 Pelham, Alabama 35124
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2026 Annual Drinking Water Quality Report
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Parts per Million (PPM): milligrams per liter (mg/l). One part per million corresponds to a single penny in $10,000.

Parts per Billion (PPB): micrograms per liter (ug/l). One part per billion corresponds to a single penny in $10,000,000.

Parts per Trillion (PPT): nanograms per liter (nanograms/l). One part per trillion corresponds to a single penny in $10,000,000,000.

Picocuries per Liter (pCi/L): A measure of radioactivity.

Millirems per Year (mrem/yr): Measure of radiation absorbed by the body.

Standard Units (S.U.): pH of water measures the water's balances of acids and bases. Water with less than 6.5 could be acidic, soft and corrosive. A pH greater than 8.5 could indicate that the water is hard.

N/A: Not applicable

FDA: Food and Drug Administration.

CDC: Centers for Disease Control.

EPA: Environmental Protection Agency.

ADEM: Alabama Department of Environmental Management.

UCMR Definitions:

UCMR Minimum Reporting Level (MRL): The minimum concentration that may be reported by a laboratory as a quantified value for a method analyte following analysis. The MRLs were established based on the capability of the analytical method, not based on a level established as "significant" or "harmful".

UCMR Reference Concentration: The reference concentrations are based on publicly available health information found in the following EPA resources: 2018 Edition of the Drinking Water Standards and Health Advisories Tables [i.e., Health advisories (HA)] and the CCL 4 Contaminant Information Sheets {i.e., Health Reference Levels (HRLs)]. The primary sources of the health information used to derive the guideline values in the resources referenced above are peer-reviewed assessments from EPA or other governmental agencies. The reference concentrations are subject to change as new health assessments are completed. Reference Concentrations are not legally enforceable federal standards.

Health Reference Levels (HRL): The CCL process derives HRLs for screening purposes using available data and can be used in the Regulatory Determination process as risk-derived concentrations against which to evaluate the occurrence data to determine if contaminants may occur at levels of public health concern. HRLs are not final determinations about the level of a contaminant in drinking water that is necessary to protect any particular population and, in some cases, are derived prior to development of a complete exposure assessment using the best available data. HRLs are not legally enforceable federal standards.

Health Advisories (HA): Has provided information on contaminants that can cause human health effects and are known or anticipated to occur in drinking water. EPA's health advisories are non-enforceable and non-regulatory and provide technical information to State agencies and other public health officials on health effects, analytical methodologies and treatment technologies to assist with risk management decisions.

The State allows us to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data, though accurate, are more than one year old. This report contains results from the most recent monitoring which was performed in accordance with the regulatory schedule.

Contaminants Monitored	Date Monitored
Inorganic Compounds	2024-2025
Lead and Copper	2025
Microbiological Contaminants	Current
Nitrates	2025
Radioactive Contaminants	2020-2024
Synthetic Organic Contaminants (including herbicides and pesticides)	2022-2025
Volatile Organic Contaminants	2023-2025
Disinfection By-products (TTHM and HAA5)	2025

Table of Primary Drinking Water Contaminants

CONTAMINANT	MCL	Amount Detected	CONTAMINANT	MCL	Amount Detected
Bacteriological			Endothall	100 ppb	ND
Total Coliform Bacteria	< 5%	ND	Endrin	2 ppb	ND
Turbidity	TT	0.71	Epichlorohydrin	TT	ND
Radiological			Glyphosate	700 ppb	ND
Beta/photon emitters (mrem/yr)	4	ND	Heptachlor	400 ppt	ND
Alpha emitters (pCi/L)	15	2.1	Heptachlor epoxide	200 ppt	ND
Combined radium (pCi/L)	5	0.5	Hexachlorobenzene	1 ppb	ND
Inorganic			Lindane	200 ppt	ND
Antimony	6 ppb	4	Methoxychlor	40 ppb	ND
Arsenic	10 ppb	ND	Oxamyl [Vydate]	200 ppb	ND
Barium	2 ppm	0.055	PCBs	500 ppt	ND
Beryllium	4 ppb	ND	Pentachlorophenol	1 ppb	ND
Cadmium	5 ppb	ND	Picloram	500 ppb	ND
Chromium	100 ppb	4.	Simazine	4 ppb	ND
Copper *	AL=1.3 ppm	0.14	Toxaphene	3 ppb	ND
Cyanide	200 ppb	ND	Benzene	5 ppb	ND
Fluoride	4 ppm	1.13	Carbon Tetrachloride	5 ppb	ND
Lead *	AL=15 ppb	1.	Chlorobenzene	100 ppb	ND
Mercury	2 ppb	ND	Dibromochloropropane	200 ppt	ND
Nitrate	10 ppm	1.4	0-Dichlorobenzene	600 ppb	ND
Nitrite	1 ppm	ND	p-Dichlorobenzene	75 ppb	ND
Selenium	50 ppb	1.	1,2-Dichloroethane	5 ppb	ND
Thallium	2 ppb	ND	1,1-Dichloroethylene	7 ppb	ND
*90th percentile of the most recent sampling event.			Cis-1,2-Dichloroethylene	70 ppb	ND
Organic Chemicals			trans-1,2-Dichloroethylene	100 ppb	ND
2,4-D	70 ppb	ND	Dichloromethane	5 ppb	ND
2,4,5-TP (Silvex)	50 ppb	ND	1,2-Dichloropropane	5 ppb	ND
Acrylamide	TT	ND	Ethylbenzene	700 ppb	ND
Alachlor	2 ppb	ND	Ethylene dibromide	50 ppt	ND
Atrazine	3 ppb	ND	Styrene	100 ppb	ND
Benzo(a)pyrene[PAHs]	200 ppt	ND	Tetrachloroethylene	5 ppb	ND
Carbofuran	40 ppb	ND	1,2,4-Trichlorobenzene	70 ppb	ND
Chlordane	2 ppb	ND	1,1,1-Trichloroethane	200 ppb	ND
Dalapon	200 ppb	ND	1,1,2-Trichloroethane	5 ppb	ND
Di-(2-ethylhexyl)adipate	400 ppb	ND	Trichloroethylene	5 ppb	ND
Di-(2-ethylhexyl)phthalates	6 ppb	ND	TTHM	80 ppb	67.1
Dinoseb	7 ppb	ND	Toluene	1 ppm	ND
Diquat	20 ppb	ND	Vinyl Chloride	2 ppb	ND
Chloramines	4 ppm	ND	Xylenes	10 ppm	ND
Chlorite	1 ppm	ND	TOC	TT	3.34
HAA5	60 ppb	42.9	Chlorine	4 ppm	2.5

Table of Unregulated Drinking Water Contaminants

CONTAMINANT	Low Result, PPM	High Result, PPM	CONTAMINANT	Low Result, PPM	High Result, PPM
1,1 - Dichloropropene	ND	ND	Chloroform	ND	0.0031
1,1,1,2-Tetrachloroethane	ND	ND	Chloromethane	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	Dibromochloromethane	ND	ND
1,1-Dichloroethane	ND	ND	Dibromomethane	ND	ND
1,2,3 - Trichlorobenzene	ND	ND	Dicamba	ND	ND
1,2,3 - Trichloropropane	ND	ND	Dichlorodifluoromethane	ND	ND
1,2,4 - Trimethylbenzene	ND	ND	Dieldrin	ND	ND
1,3 - Dichloropropane	ND	ND	Hexachlorobutadiene	ND	ND
1,3 - Dichloropropene	ND	ND	p-Isoprpylbenzene	ND	ND
1,3,5 - Trimethylbenzene	ND	ND	M-Dichlorobenzene	ND	ND
2,2 - Dichloropropane	ND	ND	Methomyl	ND	ND
3-Hydroxycarbofuran	ND	ND	MTBE	ND	ND
Aldicarb	ND	ND	Metolachlor	ND	ND
Aldicarb Sulfone	ND	ND	Metribuzin	ND	ND
Aldicarb Sulfoxide	ND	ND	N - Butylbenzene	ND	ND
Aldrin	ND	ND	Naphthalene	ND	ND
Bromobenzene	ND	ND	N-Propylbenzene	ND	ND
Bromochloromethane	ND	ND	O-Chlorotoluene	ND	ND
Bromodichloromethane	ND	0.0008	P-Chlorotoluene	ND	ND
Bromoform	ND	ND	P-Isopropyltoluene	ND	ND
Bromomethane	ND	ND	Propachlor	ND	ND
Butachlor	ND	ND	Sec - Butylbenzene	ND	ND
Carbaryl	ND	ND	Tert - Butylbenzene	ND	ND
Chloroethane	ND	ND	Trichlorfluoromethane	ND	ND

Table of Secondary Drinking Water Contaminants

CONTAMINANT	MCLG	MCL	Low Result	High Result	CONTAMINANT	MCLG	MCL	Low Result	High Result
pH	7	Monitored	6.7	7.88	Aluminum	0	0.2	ND	0.028
Color, APHA (units)	N/A	15	ND	ND	Copper	N/A	1	ND	0.14
Odor	N/A	3	ND	ND	Iron	0	0.3	ND	0.04
Foaming Agents	N/A	0.5	ND	ND	Manganese	0	0.05	ND	0.04
TDS	0	500	12	316	Silver	0	0.1	ND	ND
Fluoride	N/A	2.0	ND	1.13	Zinc	0	5	ND	0.14
Sulfate	0	250	0.67	32.3	Total Hardness	0	Monitored	97	204
Chloride	N/A	250	4.17	11.	Corrosivity	N/A	N/A	Non-Corrosive	Non-Corrosive

Table of Detected Primary Drinking Water Contaminants

CONTAMINANT	MCLG	MCL	Range Detected			Likely Source of Contamination
Turbidity	N/A	TT	0.02	-	0.71	Soil Runoff.
Barium	2	2 ppm	0.009	-	0.055	Discharge of drilling wastes; discharge of metal refineries; erosion of natural deposits
Nitrate	10	10 ppm	ND	-	1.4	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Chromium	100	100 ppb	ND	-	4	Discharge from steel and pulp mills; erosion of natural deposits
Copper	1.3	AL-1.3ppm	ND	-	0.14	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.
Lead	0	AL-15ppb	ND	-	1.	Corrosion of household plumbing systems; erosion of natural deposits
TOC	N/A	TT	0.2	-	3.34	Naturally present in the environment
Fluoride	4	4 ppm	ND	-	1.13	Erosion of natural deposits; water additives which promote strong teeth; discharge from fertilizer and aluminum factories.
Alpha Emitters	0	15 pCi/L	ND	-	2.1	Erosion of Natural Deposits
Combined Radium	0	5 pCi/L	ND	-	0.5	Erosion of Natural Deposits
TTHM	80	80 ppb	ND	-	67.1	By-Product of drinking water chlorination
HAA5	60	60 ppb	9.0	-	42.9	By-Product of drinking water chlorination
Chlorine	MRDLG=4	MRDL= 4 ppm	0.46	-	2.5	Water additive used to control microbes
Selenium	50	50 ppb	ND	-	1	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Antimony	6	6 ppb	ND	-	4	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder

Water Systems are selected by The Environmental Protection Agency (EPA) to participate in the Unregulated Contaminant Monitoring (UCMR) program to collect nationally representative data for contaminants suspected to be present in drinking water. These contaminants do not have regulatory standards. The monitoring period is between 2018 – 2020. This monitoring is used by the EPA to understand the frequency and level of occurrence of unregulated contaminants in the nation's public water systems. Every five years the EPA develops a new list of UCMR contaminants, largely based on the Contaminant Candidate List (CCL). The detection of a UCMR contaminant does not represent cause for concern, in and of itself.

Pelham Water Works Board has completed additional testing for PFAS in 2024, as required by Alabama Department of Environmental Management (ADEM). Those results are also included in this table.

Table of Detected UCMR 4 Contaminants and PFAS

Contaminant	Minimum Reporting Level (MRL/ug/L)	Reference Concentration (ug/L)	Range Detected			Additional Information
Perfluorobutanesulfonic Acid	NA	NA	0.00041	-	0.068	Final Health Advisory Limit for PFBS is 2.0 ug/L
Perfluorodecanoic Acid	NA	NA	ND	-	0.0011	No Health Advisory Limit Established
Perfluorohexanoic Acid	NA	NA	0.00079	-	0.017	No MCL Established
Perfluoroheptanoic Acid	NA	NA	ND	-	0.0072	No MCL Established
Perfluorohexanesulfonic Acid	NA	NA	ND	-	0.0028	A MCL of 0.010 ug/L
Perfluorononanoic Acid	NA	NA	ND	-	0.0015	No MCL Established
Perfluoroctanesulfonic Acid (PFOS)	NA	NA	ND	-	0.016	A MCL of 0.0040 ug/L
Perfluoroctanoic Acid (PFOA)	NA	NA	0.0015	-	0.015	A MCL of 0.0040 ug/L
Perfluorobutanoic Acid (PFBA)	NA	NA	0.0052	-	0.0085	No MCL Established

Note: EPA has introduced maximum contaminant levels (MCL) for PFOA and PFOS. The maximum contaminant level for PFOS is 0.0040 ug/L and for PFOA is 0.0040 ug/L. The maximum contaminant level goal or MCLG is 0. The EPA has also introduced an MCL for PFHxS. The maximum contaminant level for PFHxS is 0.010 ug/L.

APPENDIX C

BORING LOGS

CLIENT:	PROJECT NO.:	BORING NO.:	SHEET:
LIV Development	**491:2107-B**	**B-1**	**1 OF 2**
PROJECT NAME: **Anthony's Pelham Parkway Site-Targeted Site Assessment**	SITE LOCATION: **2941 Pelham Parkway, Pelham, Alabama, 35124**		
LATITUDE: **33.300063**	LONGITUDE: **-86.808885**	STATION:	SURFACE ELEVATION: **473**

DEPTH (FT)	ELEVATION (FT)	PID READING (PPM)	SAMPLE NUMBER	SAMPLE RECOVERY	GRAPHIC LOG	WATER LEVELS	SOIL CLASSIFICATION	Description	Well Diagram
							CCT	Concrete [Thickness=2"].	B-1
							SBSC	Sand Gravel Base.	
	470						SC	(SC) CLAYEY SAND - tan brownish, medium dense.	
5.0			B-1					(SC) CLAYEY SAND - reddish yellow brown.	..... 1`` Sch. 40 PVC Riser
	465						SC		
10.0									
	460								

DRAFT

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL

▽ WL (First Encountered):	27.5 FT	BORING STARTED:	04/28/2026
▼ WL (Completion):	27.5 FT	BORING COMPLETED:	04/28/2026

Remarks:	EQUIPMENT:	LOGGED BY:	DRILLING METHOD:
	Geoprobe 7822GT	Adrian Teal	DPT

ENVIRONMENTAL BOREHOLE LOG

CLIENT:	PROJECT NO.:	BORING NO.:	SHEET:
LIV Development	**491:2107-B**	**B-1**	**2 OF 2**

PROJECT NAME:	SITE LOCATION:
Anthony's Pelham Parkway Site-Targeted Site Assessment	**2941 Pelham Parkway, Pelham, Alabama, 35124**

LATITUDE:	LONGITUDE:	STATION:	SURFACE ELEVATION:
33.300063	**-86.808885**		**473**

DEPTH (FT)	ELEVATION (FT)	PID READING (PPM)	SAMPLE NUMBER	SAMPLE RECOVERY	GRAPHIC LOG	WATER LEVELS	SOIL CLASSIFICATION	Description	Well Diagram
								(SC) CLAYEY SAND - reddish yellow brown. (continued)	1`` Sch. 40 PVC Riser
	455								
20.0									
							SC		1`` Sch. 40 PVC Screen
	450								
25.0						▽			
	445								
								DPT REFUSAL at 30.0 FT	

DRAFT

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL

▽ **WL (First Encountered):**	**27.5 FT**	**BORING STARTED:**	**04/28/2026**
▼ **WL (Completion):**	**27.5 FT**	**BORING COMPLETED:**	**04/28/2026**

Remarks:	EQUIPMENT:	LOGGED BY:	DRILLING METHOD:
	Geoprobe 7822GT	**Adrian Teal**	**DPT**

ENVIRONMENTAL BOREHOLE LOG

CLIENT:	PROJECT NO.:	BORING NO.:	SHEET:
LIV Development	**491:2107-B**	**B-2**	**1 OF 2**

PROJECT NAME:	SITE LOCATION:
Anthony's Pelham Parkway Site-Targeted Site Assessment	**2941 Pelham Parkway, Pelham, Alabama, 35124**

LATITUDE:	LONGITUDE:	STATION:	SURFACE ELEVATION:
33.299946	**-86.808963**		**470.21**

DEPTH (FT)	ELEVATION (FT)	PID READING (PPM)	SAMPLE NUMBER	SAMPLE RECOVERY	GRAPHIC LOG	WATER LEVELS	SOIL CLASSIFICATION	Description	Well Diagram
	470								B-2
5.0	465								2`` Sch. 40 PVC Riser
10.0	460								

DRAFT

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL

▽ **WL (First Encountered):**	**BORING STARTED:** 04/29/2026
▼ **WL (Completion):** 30 FT : Dry	**BORING COMPLETED:** 04/29/2026

Remarks:	EQUIPMENT:	LOGGED BY:	DRILLING METHOD:
	Geoprobe 7822GT	Adrian Teal	DPT

ENVIRONMENTAL BOREHOLE LOG

CLIENT:	PROJECT NO.:	BORING NO.:	SHEET:
LIV Development	**491:2107-B**	**B-2**	**2 OF 2**
PROJECT NAME:	SITE LOCATION:		
Anthony's Pelham Parkway Site-Targeted Site Assessment	**2941 Pelham Parkway, Pelham, Alabama, 35124**		
LATITUDE:	LONGITUDE:	STATION:	SURFACE ELEVATION:
33.299946	**-86.808963**		**470.21**

DEPTH (FT)	ELEVATION (FT)	PID READING (PPM)	SAMPLE NUMBER	SAMPLE RECOVERY	GRAPHIC LOG	WATER LEVELS	SOIL CLASSIFICATION	Description	Well Diagram
	455								2`` Sch. 40 PVC Riser
20.0	450								
25.0	445							**DPT REFUSAL at 30.0 FT**	1`` Sch. 40 PVC Screen

DRAFT

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL

WL (First Encountered):	**BORING STARTED:** 04/29/2026
WL (Completion): 30 FT : Dry	**BORING COMPLETED:** 04/29/2026

Remarks:	EQUIPMENT:	LOGGED BY:	DRILLING METHOD:
	Geoprobe 7822GT	Adrian Teal	DPT

ENVIRONMENTAL BOREHOLE LOG

DRILLING/BORING LOG

Project:	Anthony's Carwash	**Date(s):**	Jul 2, 2026
Logged by:	Samuel Smith, P.G.		
Project No.:	26-LIVD01		
Well/Boring Location:	MW-1	**Drilling Contractor:**	
Drilling Method:	Direct Push	Associated Topography	
Depth to Groundwater:			
Elevations - Ground Surface:			
Water Table	NA		
Remarks:			

Depth (bgs)	PID Results (ppm) 10.6 eV lamp	Lithologic Descriptions
0		0-5FT: CL, Silty Clay, very stiff, low moisture, trace gravel, red
2	0-5FT = 0.3	
4		
		5-10FT: CL, Silty Clay, very stiff, low moisture, red
6		
	5-10FT = 0.2	
8		
10		10-15FT: CL, Silty Clay, very stiff, low moisture, trace increase in moisture, red
12	10-15FT = 0.2	
14		
		15-20FT: CL, Silty Clay, medium stiffness, moderate moisture, red
16		
	15-20FT = 0.2	
18		
20		20-25FT: CL, Silty Clay, moderate stiffness, moderate moisture, becomes wet, red
22	20-25FT = 0.2	
25		
30		
35		
40		

Well Construction Details	
Screen:	15-25 ft bgs
Riser:	0-15 ft bgs
Sand:	13-25 ft bgs
Bentonite:	0-13 ft bgs

DRILLING/BORING LOG

Project:	Anthony's Carwash				**Date(s):**	Jul 2, 2026
Logged by:	Samuel Smith, P.G.					
Project No.:	26-LIVD01					
Well/Boring Location:		MW-2		**Drilling Contractor:**		
Drilling Method:		Direct Push		Associated Topography		
Depth to Groundwater:						
Elevations - Ground Surface:						
Water Table	NA					
Remarks:						

Depth (bgs)	PID Results (ppm) 10.6 eV lamp	Lithologic Descriptions
0		0-5FT: CL, Silty Clay, some gravel and sand, medium stiffness, moderate moisture, reddish brown
2	0-5FT = 0.2	
4		
		5-10FT: CL, Sandy Silty Clay, soft, moist, brown to 8', then Silty Clay with little gravel, some sand, low moisture, medium stiffness, red
6		
	5-10FT = 0.2	
8		
10		10-15FT: CL, Silty Clay, very stiff, low moisture, gravel layer with increased moisture, red
12	10-15FT = 0.2	
14		
		15-20FT: CL, Silty Clay, moderate stiffness, moderate moisture, red
16		
	15-20FT = 0.2	
18		
20		20-25FT: CL, Silty Clay, moderate stiffness, moderate moisture, red
22	20-25FT = 0.2	
25		25-30FT: CL, Silty Clay, moderate stiffness, moderate moisture grades to wet, red
30		30-35FT: CL, Silty Clay, soft, saturated, red
		Refusal @ 35'
35		
40		

Well Construction Details	
Screen:	25-35 ft bgs
Riser:	0-25 ft bgs
Sand:	23-35 ft bgs
Bentonite:	0-23 ft bgs

DRILLING/BORING LOG

Project:	Anthony's Carwash	**Date(s):**	Jul 2, 2026
Logged by:	Samuel Smith, P.G.		
Project No.:	26-LIVD01		
Well/Boring Location:	MW-3	**Drilling Contractor:**	
Drilling Method:	Direct Push	Associated Topography	
Depth to Groundwater:			
Elevations - Ground Surface:			
Water Table:	NA		
Remarks:			

Depth (bgs)	PID Results (ppm) 10.6 eV lamp	Lithologic Descriptions
0		0-5FT: AF/CL, brown silty fill material, trace septic odor, low moisture to 4.5', then Silty Clay, moist, soft, reddish brown
2	0-5FT = 1.2	
4		
		5-10FT: CL, Silty Clay, some sand, very stiff, low moisture, reddish brown
6		
	5-10FT = 0.4	
8		
10		10-15FT: CL, Silty Clay, very stiff, low moisture, trace gravel, red
12	10-15FT = 0.0	
14		
		15-20FT: CL, Silty Clay, medium stiffness, moderate moisture, red
16		
	15-20FT = 0.0	
18		
20		20-25FT: CL, Silty Clay, moderate stiffness, moderate moisture, red
22	20-25FT = 0.0	
25		25-30FT: CL, Silty Clay, soft, wet, reddish brown
30		30-34FT: push to rock
		Refusal @ 34'
35		
40		

Well Construction Details	
Screen:	24-34 ft bgs
Riser:	0-24 ft bgs
Sand:	22-34 ft bgs
Bentonite:	0-22 ft bgs

DRILLING/BORING LOG

Project:	Anthony's Carwash				**Date(s):**	Jul 2, 2026
Logged by:	Samuel Smith, P.G.					
Project No.:	26-LIVD01					
Well/Boring Location:		MW-4		**Drilling Contractor:**		
Drilling Method:		Direct Push		Associated Topography		
Depth to Groundwater:						
Elevations - Ground Surface:						
Water Table	NA					
Remarks:						

Depth (bgs)	PID Results (ppm) 10.6 eV lamp	Lithologic Descriptions
0		0-5FT: CL, Silty Clay, very stiff, low moisture, trace gravel, red
2	0-5FT = 0.0	
4		
		5-10FT: CL, Silty Clay, very stiff, low moisture, trace gravel, red
6		
	5-10FT = 0.0	
8		
10		10-15FT: CL, Silty Clay, very stiff, low moisture, trace gravel, red
12	10-15FT = 0.0	
14		
		15-20FT: CL, Silty Clay, medium stiffness, moderate moisture, red
16		
	15-20FT = 0.0	
18		
20		20-35FT: push to rock
22		
		Refusal @ 35’
25		
30		
35		
40		

Well Construction Details	
Screen:	25-35 ft bgs
Riser:	0-25 ft bgs
Sand:	23-35 ft bgs
Bentonite:	0-23 ft bgs

APPENDIX D

LABORATORY ANALYTICAL DATA REPORTS

eurofins | Environment Testing

ANALYTICAL REPORT

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PREPARED FOR

Attn: Nicholas Macie
ECS Southeast LLC
1281 Kennestone Circle NE
Suite 200
Marietta, Georgia (St) 30066

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JOB DESCRIPTION

Pelham Parkway Site

JOB NUMBER

705-65275-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

myEOL

Job Notes

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

Authorization

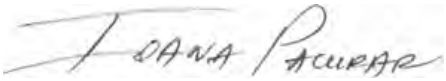

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Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Chain of Custody 5
Case Narrative 8
Detection Summary 9
Client Sample Results 10
Surrogate Summary 21
Isotope Dilution Summary 22
QC Sample Results 25
Lab Chronicle 46
Certification Summary 47
Receipt Checklists 49
End Of Report 51

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Client: ECS Southeast LLC
Job ID: 705-65275-1
Project/Site: Pelham Parkway Site

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

LCMS

Qualifier	Qualifier Description
*3	ISTD response or retention time outside acceptable limits.
*5+	Isotope dilution analyte is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
F2	MS/MSD RPD exceeds control limits
I	Ion ratio outside limits
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

DRAFT

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone: 770-457-8177 Fax: 770-457-8188

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Adrian Teal	Lab PM: Pacurar, Ioana	Carrier Tracking No(s):	COC No: 705-25615-11963.1
Client Contact: Nicholas Macie	Phone: (770)815-7484	E-Mail: ioana.pacurar@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: ECS Southeast LLC	PWSID:			Job #:
Address: 1281 Kennestone Circle NE Suite 200	Due Date Requested:	Analysis Requested		Preservation Codes: N - None A - HCL
City: Marietta	TAT Requested (days):			
State, Zip: GA, 30066	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: NMacie@ecslimited.com	WO #:			
Project Name: Pelham Parkway Site	Project #: 70500516			
Site:	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFAS 1633 - Soil	PFAS 1633 - Water	VOCs 8260D - TCL	Total Number of containers	Special Instructions/Note:
	Preservation Code:										
B-1	4/28/26	2140	G	S			X				
B-1	4/29/26	0545	G	W				X	X		
FB-1	4/29/26	0510	G	W				X			
EB-1	4/29/26	0515	G	W				X			
Trip Blank	—	—	G	W					X		

705-65275 Chain of Custody

705-65275 COC

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Joel-1	4/29/26 1300	ECS	Delta - Cay	04-30-26 0945	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 9.3°C #2924

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Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone: 770-457-8177 Fax: 770-457-8188

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Adrian Teal	Lab PM: Pacurar, Ioana	Carrier Tracking No(s):	COC No: 705-25615-11963.1
Client Contact: Nicholas Macie	Phone: (770)815-7484	E-Mail: ioana.pacurar@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: ECS Southeast LLC	PWSID:			Job #:
Address: 1281 Kennestone Circle NE Suite 200	Due Date Requested:			
City: Marietta	TAT Requested (days):			
State, Zip: GA, 30066	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: NMacie@ecslimited.com	WO #:			
Project Name: Pelham Parkway Site	Project #: 70500516			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL

705-65275 Chain of Custody

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFAS 1633 - Soil	PFAS 1633 - Water	VOCs 624.1 - TCL	Total Number of containers	Special Instructions/Note:
	Preservation Code:										
B-1	4/28/26	2140	G	S			X	X			
B-1	4/29/26	0545	G	W				X	X		
FB-1	4/29/26	0510	G	W				X	X		
EB-1	4/29/26	0515	G	W				X	X		
Trip Blank	—	—	G	W					X		

705-65275 COC

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	Relinquished by:	4/29/26 1300	ECS	Delta-Cay	4-30-26 1145	
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.3°C #294

DRAFT

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone: 770-457-8177 Fax: 770-457-8188

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Pacurar, Ioana	Carrier Tracking No(s): N/A	COC No: 705-121544.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: ioana.pacurar@et.eurofinsus.com	State of Origin: Georgia (St)	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - Florida		Job #: 705-65275-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 5/6/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: ECS GA General Engineering	Project #: 70500516			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_ShakePFAS 1633	1633A/1633A_SPEPFAS 1633	PRE_SCREEN_PFAS/PFAS_PreScn_W_P	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
B-1 (705-65275-1)	4/28/26	21:40 Eastern	G	Solid			X			1	
B-1 (705-65275-2)	4/29/26	05:45 Eastern	G	Water				X	X	2	
FB-1 (705-65275-3)	4/29/26	05:10 Eastern	G	Water				X	X	2	
EB-1 (705-65275-4)	4/29/26	05:15 Eastern	G	Water				X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	4/30/26 430				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 5/11/26 1015	Company ELLET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R: 1.2 / C: 0.9

Ver: 03/20/2026

Job Narrative
705-65275-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 4/30/2026 10:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.3°C.

GC/MS VOA
Method 8260D: The matrix spike(MS) recoveries for analytical batch 705-132735 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

PFAS
Method 1633A: The recovery for labeled isotope: 13C2 4:2 FTS is outside the QC acceptance limits in the opening continuing calibration verification standard associated with the following samples B-1 (705-65275-2), FB-1 (705-65275-3) and EB-1 (705-65275-4), biased high. Since the recovery for target analytes is within the limits, the data is reported.

Method 1633A: The recovery for labeled isotope: 13C2 4:2 FTS, 13C2 6:2 FTS and 13C2 8:2 FTS is outside the QC acceptance limits in the closing continuing calibration verification standard associated with the following samples B-1 (705-65275-2), FB-1 (705-65275-3) and EB-1 (705-65275-4), biased high. Since the recovery for target analytes is within the limits, the data is reported.

Method 1633A: The sample injection standard peak areas in the following sample: B-1 (705-65275-2) are outside of the QC limits for both the initial injection and the re-injection. The values here are from the initial injection of the sample.

Method 1633A: The recovery for the labeled isotope(s) 13C2 PFTeDA and 13C2 PFDoA in the following sample: B-1 (705-65275-2) is outside the QC acceptance limits. Since the recovery is high and the native analyte is not detected in the sample, the data is reported.

Method 1633A: The labeled isotopes 13C2 6:2 FTS are outside QC acceptance limits. Since the recovery in sample B-1 (705-65275-2) is less than 350%, the data is reported.

Method 1633A: The transition mass ratio for Perfluoroheptanoic acid (PFHpA) and Perfluorooctanoic acid (PFOA) in sample B-1 (705-65275-2) in analytical batch 410-812092 was outside of the established ratio limits. However, analyst judgment was used to positively identify the analyte. The analyte is flagged appropriately to identify this exceedance.

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

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

DRAFT

Detection Summary

Client: ECS Southeast LLC
Project/Site: Pelham Parkway Site

Job ID: 705-65275-1

Client Sample ID: B-1 — Lab Sample ID: 705-65275-1

No Detections.

Client Sample ID: B-1 — Lab Sample ID: 705-65275-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	10	J	50	2.8	ug/L	1		8260D	Total/NA
4-Methyl-2-pentanone	3.8	J	10	3.2	ug/L	1		8260D	Total/NA
Acetone	55		50	4.0	ug/L	1		8260D	Total/NA
Perfluorobutanoic acid (PFBA)	31		2.8	0.78	ng/L	1		1633A	Total/NA
Perfluoropentanoic acid (PFPeA)	29		1.4	0.42	ng/L	1		1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	48		1.4	0.35	ng/L	1		1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	20	I	1.4	0.56	ng/L	1		1633A	Total/NA
Perfluorooctanoic acid (PFOA)	69	I	1.4	0.63	ng/L	1		1633A	Total/NA
Perfluorononanoic acid (PFNA)	4.1		1.4	0.35	ng/L	1		1633A	Total/NA
Perfluorodecanoic acid (PFDA)	1.3	J	1.4	0.35	ng/L	1		1633A	Total/NA
Perfluorobutanesulfonic acid (PFBS)	19		1.4	0.35	ng/L	1		1633A	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	7.3		1.4	0.56	ng/L	1		1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	6.3		1.4	0.92	ng/L	1		1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.6	J	2.8	0.71	ng/L	1		1633A	Total/NA

Client Sample ID: FB-1 — Lab Sample ID: 705-65275-3

No Detections.

Client Sample ID: EB-1 — Lab Sample ID: 705-65275-4

No Detections.

Client Sample ID: Trip Blank — Lab Sample ID: 705-65275-5

No Detections.

DRAFT

This Detection Summary does not include radiochemical test results.

Client: ECS Southeast LLC
Project/Site: Pelham Parkway Site

Job ID: 705-65275-1

Client Sample ID: B-1
Date Collected: 04/28/26 21:40
Date Received: 04/30/26 10:45

Lab Sample ID: 705-65275-1
Matrix: Solid
Percent Solids: 82.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.099	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.099	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.099	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.099	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.059	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.099	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.059	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.099	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.099	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.099	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.099	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.099	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.099	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.099	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.099	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.099	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.099	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.099	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.099	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.099	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.099	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.099	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.099	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.099	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.99	0.50	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.99	0.50	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.099	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.099	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.099	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.099	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.099	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.099	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1

DRAFT

Client Sample ID: B-1
Lab Sample ID: 705-65275-1
Date Collected: 04/28/26 21:40
Matrix: Solid
Date Received: 04/30/26 10:45
Percent Solids: 82.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.099	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.099	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.99	0.50	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.99	0.50	ng/g	☼	05/02/26 07:16	05/04/26 14:45	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*76.7*		*8 - 130*	*05/02/26 07:16*	*05/04/26 14:45*	*1*
13C5 PFPeA	*65.6*		*35 - 130*	*05/02/26 07:16*	*05/04/26 14:45*	*1*
13C5 PFHxA	*76.1*		*40 - 130*	*05/02/26 07:16*	*05/04/26 14:45*	*1*
13C4 PFHpA	*76.0*		*40 - 130*	*05/02/26 07:16*	*05/04/26 14:45*	*1*
13C8 PFOA	*73.2*		*40 - 130*	*05/02/26 07:16*	*05/04/26 14:45*	*1*
13C9 PFNA	*74.2*		*40 - 130*	*05/02/26 07:16*	*05/04/26 14:45*	*1*
13C6 PFDA	*77.7*		*40 - 130*	*05/02/26 07:16*	*05/04/26 14:45*	*1*
13C7 PFUnA	*73.2*		*40 - 130*	*05/02/26 07:16*	*05/04/26 14:45*	*1*
13C2 PFTeDA	*40.9*		*20 - 130*	*05/02/26 07:16*	*05/04/26 14:45*	*1*
13C3 PFBS	*69.5*		*40 - 135*	*05/02/26 07:16*	*05/04/26 14:45*	*1*
13C3 PFHxS	*71.6*		*40 - 130*	*05/02/26 07:16*	*05/04/26 14:45*	*1*
13C8 PFOS	*73.1*		*40 - 130*	*05/02/26 07:16*	*05/04/26 14:45*	*1*
13C8 FOSA	*68.2*		*40 - 130*	*05/02/26 07:16*	*05/04/26 14:45*	*1*
d3-NMeFOSAA	*64.5*		*40 - 135*	*05/02/26 07:16*	*05/04/26 14:45*	*1*
d5-NEtFOSAA	*67.9*		*40 - 150*	*05/02/26 07:16*	*05/04/26 14:45*	*1*
13C2 4:2 FTS	*75.9*		*40 - 165*	*05/02/26 07:16*	*05/04/26 14:45*	*1*
13C2 6:2 FTS	*79.0*		*40 - 215*	*05/02/26 07:16*	*05/04/26 14:45*	*1*
13C2 8:2 FTS	*71.9*		*40 - 275*	*05/02/26 07:16*	*05/04/26 14:45*	*1*
13C3 HFPO-DA	*70.8*		*40 - 130*	*05/02/26 07:16*	*05/04/26 14:45*	*1*
d7-N-MeFOSE-M	*41.0*		*20 - 130*	*05/02/26 07:16*	*05/04/26 14:45*	*1*
d9-N-EtFOSE-M	*38.4*		*15 - 130*	*05/02/26 07:16*	*05/04/26 14:45*	*1*
d5-NEtPFOSA	*52.3*		*10 - 130*	*05/02/26 07:16*	*05/04/26 14:45*	*1*
d3-NMePFOSA	*58.1*		*10 - 130*	*05/02/26 07:16*	*05/04/26 14:45*	*1*
13C2 PFDoA	*66.5*		*40 - 130*	*05/02/26 07:16*	*05/04/26 14:45*	*1*
13C3-PFDoS	*40.5*		*20 - 150*	*05/02/26 07:16*	*05/04/26 14:45*	*1*
13C3-3:3 FTCA	*68.8*		*20 - 150*	*05/02/26 07:16*	*05/04/26 14:45*	*1*
13C3-5:3 FTCA	*62.4*		*20 - 150*	*05/02/26 07:16*	*05/04/26 14:45*	*1*

DRAFT

Client: ECS Southeast LLC
Project/Site: Pelham Parkway Site

Job ID: 705-65275-1

Client Sample ID: B-1
Date Collected: 04/29/26 05:45
Date Received: 04/30/26 10:45

Lab Sample ID: 705-65275-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.23	ug/L			05/04/26 17:33	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.23	ug/L			05/04/26 17:33	1
1,1,2-Trichloroethane	ND		5.0	0.21	ug/L			05/04/26 17:33	1
1,1-Dichloroethane	ND		5.0	0.21	ug/L			05/04/26 17:33	1
1,1-Dichloroethene	ND		5.0	0.28	ug/L			05/04/26 17:33	1
1,2,4-Trichlorobenzene	ND		5.0	0.70	ug/L			05/04/26 17:33	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.45	ug/L			05/04/26 17:33	1
1,2-Dichlorobenzene	ND		5.0	0.32	ug/L			05/04/26 17:33	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			05/04/26 17:33	1
1,2-Dichloropropane	ND		5.0	0.21	ug/L			05/04/26 17:33	1
1,3-Dichlorobenzene	ND		5.0	0.34	ug/L			05/04/26 17:33	1
1,4-Dichlorobenzene	ND		5.0	0.32	ug/L			05/04/26 17:33	1
2-Butanone	10	J	50	2.8	ug/L			05/04/26 17:33	1
2-Hexanone	ND		10	3.5	ug/L			05/04/26 17:33	1
4-Methyl-2-pentanone	3.8	J	10	3.2	ug/L			05/04/26 17:33	1
Acetone	55		50	4.0	ug/L			05/04/26 17:33	1
Benzene	ND		5.0	0.20	ug/L			05/04/26 17:33	1
Bromodichloromethane	ND		5.0	0.22	ug/L			05/04/26 17:33	1
Bromoform	ND		5.0	0.46	ug/L			05/04/26 17:33	1
Bromomethane	ND		5.0	0.47	ug/L			05/04/26 17:33	1
Carbon disulfide	ND		5.0	0.53	ug/L			05/04/26 17:33	1
Carbon tetrachloride	ND		5.0	0.22	ug/L			05/04/26 17:33	1
Chlorobenzene	ND		5.0	0.20	ug/L			05/04/26 17:33	1
Chloroethane	ND		10	0.37	ug/L			05/04/26 17:33	1
Chloroform	ND		5.0	0.22	ug/L			05/04/26 17:33	1
Chloromethane	ND		10	0.37	ug/L			05/04/26 17:33	1
cis-1,2-Dichloroethene	ND		5.0	0.23	ug/L			05/04/26 17:33	1
cis-1,3-Dichloropropene	ND		5.0	0.23	ug/L			05/04/26 17:33	1
Cyclohexane	ND		5.0	0.55	ug/L			05/04/26 17:33	1
Dibromochloromethane	ND		5.0	0.44	ug/L			05/04/26 17:33	1
Dichlorodifluoromethane	ND		10	0.34	ug/L			05/04/26 17:33	1
Ethylbenzene	ND		5.0	0.28	ug/L			05/04/26 17:33	1
Freon-113	ND		10	0.27	ug/L			05/04/26 17:33	1
Isopropylbenzene	ND		5.0	0.27	ug/L			05/04/26 17:33	1
m,p-Xylene	ND		10	0.37	ug/L			05/04/26 17:33	1
Methyl acetate	ND		5.0	0.45	ug/L			05/04/26 17:33	1
Methyl tert-butyl ether	ND		5.0	0.18	ug/L			05/04/26 17:33	1
Methylcyclohexane	ND		5.0	0.31	ug/L			05/04/26 17:33	1
Methylene Chloride	ND		5.0	2.4	ug/L			05/04/26 17:33	1
o-Xylene	ND		5.0	0.27	ug/L			05/04/26 17:33	1
Styrene	ND		5.0	0.19	ug/L			05/04/26 17:33	1
Tetrachloroethene	ND		5.0	0.19	ug/L			05/04/26 17:33	1
Toluene	ND		5.0	0.20	ug/L			05/04/26 17:33	1
trans-1,2-Dichloroethene	ND		5.0	0.27	ug/L			05/04/26 17:33	1
trans-1,3-Dichloropropene	ND		5.0	0.43	ug/L			05/04/26 17:33	1
Trichloroethene	ND		5.0	0.21	ug/L			05/04/26 17:33	1
Trichlorofluoromethane	ND		5.0	0.40	ug/L			05/04/26 17:33	1
Vinyl chloride	ND		5.0	0.30	ug/L			05/04/26 17:33	1
1,2-Dichloroethene, Total	ND		5.0	0.23	ug/L			05/04/26 17:33	1

DRAFT

Client Sample ID: B-1
Date Collected: 04/29/26 05:45
Date Received: 04/30/26 10:45

Lab Sample ID: 705-65275-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		5.0	0.27	ug/L			05/04/26 17:33	1
1,2-Dibromoethane	ND		5.0	0.20	ug/L			05/04/26 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 126*		*05/04/26 17:33*	*1*
Dibromofluoromethane (Surr)	*97*		*77 - 121*		*05/04/26 17:33*	*1*
Toluene-d8 (Surr)	*98*		*79 - 119*		*05/04/26 17:33*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**31**		2.8	0.78	ng/L		05/05/26 10:12	05/06/26 04:59	1
Perfluoropentanoic acid (PFPeA)	**29**		1.4	0.42	ng/L		05/05/26 10:12	05/06/26 04:59	1
Perfluorohexanoic acid (PFHxA)	**48**		1.4	0.35	ng/L		05/05/26 10:12	05/06/26 04:59	1
Perfluoroheptanoic acid (PFHpA)	**20**	**I**	1.4	0.56	ng/L		05/05/26 10:12	05/06/26 04:59	1
Perfluorooctanoic acid (PFOA)	**69**	**I**	1.4	0.63	ng/L		05/05/26 10:12	05/06/26 04:59	1
Perfluorononanoic acid (PFNA)	**4.1**		1.4	0.35	ng/L		05/05/26 10:12	05/06/26 04:59	1
Perfluorodecanoic acid (PFDA)	**1.3**	**J**	1.4	0.35	ng/L		05/05/26 10:12	05/06/26 04:59	1
Perfluoroundecanoic acid (PFUnA)	ND		1.4	0.35	ng/L		05/05/26 10:12	05/06/26 04:59	1
Perfluorododecanoic acid (PFDoA)	ND		1.4	0.35	ng/L		05/05/26 10:12	05/06/26 04:59	1
Perfluorotridecanoic acid (PFTrDA)	ND		1.4	0.35	ng/L		05/05/26 10:12	05/06/26 04:59	1
Perfluorotetradecanoic acid (PFTeDA)	ND		1.4	0.35	ng/L		05/05/26 10:12	05/06/26 04:59	1
Perfluorobutanesulfonic acid (PFBS)	**19**		1.4	0.35	ng/L		05/05/26 10:12	05/06/26 04:59	1
Perfluoropentanesulfonic acid (PFPeS)	ND		1.4	0.35	ng/L		05/05/26 10:12	05/06/26 04:59	1
Perfluorohexanesulfonic acid (PFHxS)	**7.3**		1.4	0.56	ng/L		05/05/26 10:12	05/06/26 04:59	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		1.4	0.35	ng/L		05/05/26 10:12	05/06/26 04:59	1
Perfluorooctanesulfonic acid (PFOS)	**6.3**		1.4	0.92	ng/L		05/05/26 10:12	05/06/26 04:59	1
Perfluorononanesulfonic acid (PFNS)	ND		1.4	0.35	ng/L		05/05/26 10:12	05/06/26 04:59	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.4	0.35	ng/L		05/05/26 10:12	05/06/26 04:59	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.4	0.42	ng/L		05/05/26 10:12	05/06/26 04:59	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		2.8	0.71	ng/L		05/05/26 10:12	05/06/26 04:59	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**1.6**	**J**	2.8	0.71	ng/L		05/05/26 10:12	05/06/26 04:59	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		2.8	0.71	ng/L		05/05/26 10:12	05/06/26 04:59	1
Perfluorooctanesulfonamide (PFOSA)	ND		1.4	0.35	ng/L		05/05/26 10:12	05/06/26 04:59	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		1.4	0.35	ng/L		05/05/26 10:12	05/06/26 04:59	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		1.4	0.78	ng/L		05/05/26 10:12	05/06/26 04:59	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		1.4	0.35	ng/L		05/05/26 10:12	05/06/26 04:59	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		1.4	0.35	ng/L		05/05/26 10:12	05/06/26 04:59	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		7.1	2.8	ng/L		05/05/26 10:12	05/06/26 04:59	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		7.1	2.8	ng/L		05/05/26 10:12	05/06/26 04:59	1

DRAFT

Client Sample ID: B-1
Date Collected: 04/29/26 05:45
Date Received: 04/30/26 10:45

Lab Sample ID: 705-65275-2
Matrix: Water

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.4	0.99	ng/L		05/05/26 10:12	05/06/26 04:59	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.4	0.35	ng/L		05/05/26 10:12	05/06/26 04:59	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		1.4	0.35	ng/L		05/05/26 10:12	05/06/26 04:59	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		1.4	0.35	ng/L		05/05/26 10:12	05/06/26 04:59	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		1.4	0.35	ng/L		05/05/26 10:12	05/06/26 04:59	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		1.4	0.35	ng/L		05/05/26 10:12	05/06/26 04:59	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		1.4	0.35	ng/L		05/05/26 10:12	05/06/26 04:59	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		1.4	0.35	ng/L		05/05/26 10:12	05/06/26 04:59	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		2.8	0.71	ng/L		05/05/26 10:12	05/06/26 04:59	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		7.1	2.0	ng/L		05/05/26 10:12	05/06/26 04:59	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		7.1	1.8	ng/L		05/05/26 10:12	05/06/26 04:59	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*73.2*		*5 - 130*	*05/05/26 10:12*	*05/06/26 04:59*	*1*
13C5 PFPeA	*46.0*		*40 - 130*	*05/05/26 10:12*	*05/06/26 04:59*	*1*
13C5 PFHxA	*50.3*		*40 - 130*	*05/05/26 10:12*	*05/06/26 04:59*	*1*
13C4 PFHpA	*56.9*		*40 - 130*	*05/05/26 10:12*	*05/06/26 04:59*	*1*
13C8 PFOA	*79.8*		*40 - 130*	*05/05/26 10:12*	*05/06/26 04:59*	*1*
13C9 PFNA	*82.0*		*40 - 130*	*05/05/26 10:12*	*05/06/26 04:59*	*1*
13C6 PFDA	*77.9*	**3*	*40 - 130*	*05/05/26 10:12*	*05/06/26 04:59*	*1*
13C7 PFUnA	*111*	**3*	*30 - 130*	*05/05/26 10:12*	*05/06/26 04:59*	*1*
13C2 PFTeDA	*188*	**5+ *3*	*10 - 130*	*05/05/26 10:12*	*05/06/26 04:59*	*1*
13C3 PFBS	*82.3*		*40 - 135*	*05/05/26 10:12*	*05/06/26 04:59*	*1*
13C3 PFHxS	*83.2*		*40 - 130*	*05/05/26 10:12*	*05/06/26 04:59*	*1*
13C8 PFOS	*80.0*		*40 - 130*	*05/05/26 10:12*	*05/06/26 04:59*	*1*
13C8 FOSA	*95.3*		*40 - 130*	*05/05/26 10:12*	*05/06/26 04:59*	*1*
d3-NMeFOSAA	*43.7*		*40 - 170*	*05/05/26 10:12*	*05/06/26 04:59*	*1*
d5-NEtFOSAA	*61.2*		*25 - 135*	*05/05/26 10:12*	*05/06/26 04:59*	*1*
13C2 4:2 FTS	*196*		*40 - 200*	*05/05/26 10:12*	*05/06/26 04:59*	*1*
13C2 6:2 FTS	*246*	**5+*	*40 - 200*	*05/05/26 10:12*	*05/06/26 04:59*	*1*
13C2 8:2 FTS	*128*		*40 - 300*	*05/05/26 10:12*	*05/06/26 04:59*	*1*
13C3 HFPO-DA	*41.7*		*40 - 130*	*05/05/26 10:12*	*05/06/26 04:59*	*1*
d7-N-MeFOSE-M	*68.5*		*10 - 130*	*05/05/26 10:12*	*05/06/26 04:59*	*1*
d9-N-EtFOSE-M	*58.5*		*10 - 130*	*05/05/26 10:12*	*05/06/26 04:59*	*1*
d5-NEtPFOSA	*62.5*		*10 - 130*	*05/05/26 10:12*	*05/06/26 04:59*	*1*
d3-NMePFOSA	*62.4*		*10 - 130*	*05/05/26 10:12*	*05/06/26 04:59*	*1*
13C2 PFDoA	*202*	**5+ *3*	*10 - 130*	*05/05/26 10:12*	*05/06/26 04:59*	*1*
13C3-PFDoS	*71.3*		*20 - 150*	*05/05/26 10:12*	*05/06/26 04:59*	*1*
13C3-3:3 FTCA	*54.8*		*20 - 150*	*05/05/26 10:12*	*05/06/26 04:59*	*1*
13C3-5:3 FTCA	*109*		*20 - 150*	*05/05/26 10:12*	*05/06/26 04:59*	*1*

DRAFT

Client: ECS Southeast LLC
Project/Site: Pelham Parkway Site

Job ID: 705-65275-1

Client Sample ID: FB-1
Date Collected: 04/29/26 05:10
Date Received: 04/30/26 10:45

Lab Sample ID: 705-65275-3
Matrix: Water

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		2.7	0.75	ng/L		05/05/26 10:12	05/06/26 05:12	1
Perfluoropentanoic acid (PFPeA)	ND		1.4	0.41	ng/L		05/05/26 10:12	05/06/26 05:12	1
Perfluorohexanoic acid (PFHxA)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:12	1
Perfluoroheptanoic acid (PFHpA)	ND		1.4	0.55	ng/L		05/05/26 10:12	05/06/26 05:12	1
Perfluorooctanoic acid (PFOA)	ND		1.4	0.61	ng/L		05/05/26 10:12	05/06/26 05:12	1
Perfluorononanoic acid (PFNA)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:12	1
Perfluorodecanoic acid (PFDA)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:12	1
Perfluoroundecanoic acid (PFUnA)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:12	1
Perfluorododecanoic acid (PFDoA)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:12	1
Perfluorotridecanoic acid (PFTrDA)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:12	1
Perfluorotetradecanoic acid (PFTeDA)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:12	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:12	1
Perfluoropentanesulfonic acid (PFPeS)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:12	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.4	0.55	ng/L		05/05/26 10:12	05/06/26 05:12	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:12	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.4	0.89	ng/L		05/05/26 10:12	05/06/26 05:12	1
Perfluorononanesulfonic acid (PFNS)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:12	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:12	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.4	0.41	ng/L		05/05/26 10:12	05/06/26 05:12	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		2.7	0.68	ng/L		05/05/26 10:12	05/06/26 05:12	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		2.7	0.68	ng/L		05/05/26 10:12	05/06/26 05:12	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		2.7	0.68	ng/L		05/05/26 10:12	05/06/26 05:12	1
Perfluorooctanesulfonamide (PFOSA)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:12	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:12	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		1.4	0.75	ng/L		05/05/26 10:12	05/06/26 05:12	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:12	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:12	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		6.8	2.7	ng/L		05/05/26 10:12	05/06/26 05:12	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		6.8	2.7	ng/L		05/05/26 10:12	05/06/26 05:12	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.4	0.96	ng/L		05/05/26 10:12	05/06/26 05:12	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:12	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:12	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:12	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:12	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:12	1

DRAFT

Client Sample ID: FB-1
Date Collected: 04/29/26 05:10
Date Received: 04/30/26 10:45

Lab Sample ID: 705-65275-3
Matrix: Water

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:12	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:12	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		2.7	0.68	ng/L		05/05/26 10:12	05/06/26 05:12	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		6.8	1.9	ng/L		05/05/26 10:12	05/06/26 05:12	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		6.8	1.7	ng/L		05/05/26 10:12	05/06/26 05:12	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*85.1*		*5 - 130*	*05/05/26 10:12*	*05/06/26 05:12*	*1*
13C5 PFPeA	*86.3*		*40 - 130*	*05/05/26 10:12*	*05/06/26 05:12*	*1*
13C5 PFHxA	*74.7*		*40 - 130*	*05/05/26 10:12*	*05/06/26 05:12*	*1*
13C4 PFHpA	*88.1*		*40 - 130*	*05/05/26 10:12*	*05/06/26 05:12*	*1*
13C8 PFOA	*88.5*		*40 - 130*	*05/05/26 10:12*	*05/06/26 05:12*	*1*
13C9 PFNA	*67.4*		*40 - 130*	*05/05/26 10:12*	*05/06/26 05:12*	*1*
13C6 PFDA	*69.2*		*40 - 130*	*05/05/26 10:12*	*05/06/26 05:12*	*1*
13C7 PFUnA	*72.6*		*30 - 130*	*05/05/26 10:12*	*05/06/26 05:12*	*1*
13C2 PFTeDA	*64.4*		*10 - 130*	*05/05/26 10:12*	*05/06/26 05:12*	*1*
13C3 PFBS	*83.6*		*40 - 135*	*05/05/26 10:12*	*05/06/26 05:12*	*1*
13C3 PFHxS	*80.3*		*40 - 130*	*05/05/26 10:12*	*05/06/26 05:12*	*1*
13C8 PFOS	*71.9*		*40 - 130*	*05/05/26 10:12*	*05/06/26 05:12*	*1*
13C8 FOSA	*66.8*		*40 - 130*	*05/05/26 10:12*	*05/06/26 05:12*	*1*
d3-NMeFOSAA	*62.6*		*40 - 170*	*05/05/26 10:12*	*05/06/26 05:12*	*1*
d5-NEtFOSAA	*77.1*		*25 - 135*	*05/05/26 10:12*	*05/06/26 05:12*	*1*
13C2 4:2 FTS	*100*		*40 - 200*	*05/05/26 10:12*	*05/06/26 05:12*	*1*
13C2 6:2 FTS	*100*		*40 - 200*	*05/05/26 10:12*	*05/06/26 05:12*	*1*
13C2 8:2 FTS	*77.2*		*40 - 300*	*05/05/26 10:12*	*05/06/26 05:12*	*1*
13C3 HFPO-DA	*81.1*		*40 - 130*	*05/05/26 10:12*	*05/06/26 05:12*	*1*
d7-N-MeFOSE-M	*46.6*		*10 - 130*	*05/05/26 10:12*	*05/06/26 05:12*	*1*
d9-N-EtFOSE-M	*45.4*		*10 - 130*	*05/05/26 10:12*	*05/06/26 05:12*	*1*
d5-NEtPFOSA	*49.5*		*10 - 130*	*05/05/26 10:12*	*05/06/26 05:12*	*1*
d3-NMePFOSA	*51.6*		*10 - 130*	*05/05/26 10:12*	*05/06/26 05:12*	*1*
13C2 PFDoA	*65.2*		*10 - 130*	*05/05/26 10:12*	*05/06/26 05:12*	*1*
13C3-PFDoS	*55.6*		*20 - 150*	*05/05/26 10:12*	*05/06/26 05:12*	*1*
13C3-3:3 FTCA	*75.1*		*20 - 150*	*05/05/26 10:12*	*05/06/26 05:12*	*1*
13C3-5:3 FTCA	*62.9*		*20 - 150*	*05/05/26 10:12*	*05/06/26 05:12*	*1*

DRAFT

Client: ECS Southeast LLC
Job ID: 705-65275-1
Project/Site: Pelham Parkway Site

Client Sample ID: EB-1
Lab Sample ID: 705-65275-4
Date Collected: 04/29/26 05:15
Matrix: Water
Date Received: 04/30/26 10:45

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		2.7	0.75	ng/L		05/05/26 10:12	05/06/26 05:26	1
Perfluoropentanoic acid (PFPeA)	ND		1.4	0.41	ng/L		05/05/26 10:12	05/06/26 05:26	1
Perfluorohexanoic acid (PFHxA)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:26	1
Perfluoroheptanoic acid (PFHpA)	ND		1.4	0.55	ng/L		05/05/26 10:12	05/06/26 05:26	1
Perfluorooctanoic acid (PFOA)	ND		1.4	0.62	ng/L		05/05/26 10:12	05/06/26 05:26	1
Perfluorononanoic acid (PFNA)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:26	1
Perfluorodecanoic acid (PFDA)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:26	1
Perfluoroundecanoic acid (PFUnA)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:26	1
Perfluorododecanoic acid (PFDoA)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:26	1
Perfluorotridecanoic acid (PFTrDA)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:26	1
Perfluorotetradecanoic acid (PFTeDA)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:26	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:26	1
Perfluoropentanesulfonic acid (PFPeS)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:26	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.4	0.55	ng/L		05/05/26 10:12	05/06/26 05:26	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:26	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.4	0.89	ng/L		05/05/26 10:12	05/06/26 05:26	1
Perfluorononanesulfonic acid (PFNS)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:26	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:26	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.4	0.41	ng/L		05/05/26 10:12	05/06/26 05:26	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		2.7	0.68	ng/L		05/05/26 10:12	05/06/26 05:26	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		2.7	0.68	ng/L		05/05/26 10:12	05/06/26 05:26	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		2.7	0.68	ng/L		05/05/26 10:12	05/06/26 05:26	1
Perfluorooctanesulfonamide (PFOSA)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:26	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:26	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		1.4	0.75	ng/L		05/05/26 10:12	05/06/26 05:26	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:26	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:26	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		6.8	2.7	ng/L		05/05/26 10:12	05/06/26 05:26	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		6.8	2.7	ng/L		05/05/26 10:12	05/06/26 05:26	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.4	0.96	ng/L		05/05/26 10:12	05/06/26 05:26	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:26	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:26	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:26	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:26	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:26	1

DRAFT

Client Sample ID: EB-1
Lab Sample ID: 705-65275-4
Date Collected: 04/29/26 05:15
Matrix: Water
Date Received: 04/30/26 10:45

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:26	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		1.4	0.34	ng/L		05/05/26 10:12	05/06/26 05:26	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		2.7	0.68	ng/L		05/05/26 10:12	05/06/26 05:26	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		6.8	1.9	ng/L		05/05/26 10:12	05/06/26 05:26	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		6.8	1.7	ng/L		05/05/26 10:12	05/06/26 05:26	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*87.7*		*5 - 130*	*05/05/26 10:12*	*05/06/26 05:26*	*1*
13C5 PFPeA	*86.3*		*40 - 130*	*05/05/26 10:12*	*05/06/26 05:26*	*1*
13C5 PFHxA	*94.7*		*40 - 130*	*05/05/26 10:12*	*05/06/26 05:26*	*1*
13C4 PFHpA	*77.5*		*40 - 130*	*05/05/26 10:12*	*05/06/26 05:26*	*1*
13C8 PFOA	*76.0*		*40 - 130*	*05/05/26 10:12*	*05/06/26 05:26*	*1*
13C9 PFNA	*77.2*		*40 - 130*	*05/05/26 10:12*	*05/06/26 05:26*	*1*
13C6 PFDA	*82.9*		*40 - 130*	*05/05/26 10:12*	*05/06/26 05:26*	*1*
13C7 PFUnA	*89.2*		*30 - 130*	*05/05/26 10:12*	*05/06/26 05:26*	*1*
13C2 PFTeDA	*77.3*		*10 - 130*	*05/05/26 10:12*	*05/06/26 05:26*	*1*
13C3 PFBS	*91.1*		*40 - 135*	*05/05/26 10:12*	*05/06/26 05:26*	*1*
13C3 PFHxS	*86.2*		*40 - 130*	*05/05/26 10:12*	*05/06/26 05:26*	*1*
13C8 PFOS	*82.7*		*40 - 130*	*05/05/26 10:12*	*05/06/26 05:26*	*1*
13C8 FOSA	*74.0*		*40 - 130*	*05/05/26 10:12*	*05/06/26 05:26*	*1*
d3-NMeFOSAA	*71.1*		*40 - 170*	*05/05/26 10:12*	*05/06/26 05:26*	*1*
d5-NEtFOSAA	*79.1*		*25 - 135*	*05/05/26 10:12*	*05/06/26 05:26*	*1*
13C2 4:2 FTS	*107*		*40 - 200*	*05/05/26 10:12*	*05/06/26 05:26*	*1*
13C2 6:2 FTS	*116*		*40 - 200*	*05/05/26 10:12*	*05/06/26 05:26*	*1*
13C2 8:2 FTS	*113*		*40 - 300*	*05/05/26 10:12*	*05/06/26 05:26*	*1*
13C3 HFPO-DA	*80.7*		*40 - 130*	*05/05/26 10:12*	*05/06/26 05:26*	*1*
d7-N-MeFOSE-M	*63.9*		*10 - 130*	*05/05/26 10:12*	*05/06/26 05:26*	*1*
d9-N-EtFOSE-M	*61.6*		*10 - 130*	*05/05/26 10:12*	*05/06/26 05:26*	*1*
d5-NEtPFOSA	*59.9*		*10 - 130*	*05/05/26 10:12*	*05/06/26 05:26*	*1*
d3-NMePFOSA	*61.1*		*10 - 130*	*05/05/26 10:12*	*05/06/26 05:26*	*1*
13C2 PFDoA	*84.3*		*10 - 130*	*05/05/26 10:12*	*05/06/26 05:26*	*1*
13C3-PFDoS	*68.0*		*20 - 150*	*05/05/26 10:12*	*05/06/26 05:26*	*1*
13C3-3:3 FTCA	*75.4*		*20 - 150*	*05/05/26 10:12*	*05/06/26 05:26*	*1*
13C3-5:3 FTCA	*62.1*		*20 - 150*	*05/05/26 10:12*	*05/06/26 05:26*	*1*

DRAFT

Client: ECS Southeast LLC
Project/Site: Pelham Parkway Site

Job ID: 705-65275-1

Client Sample ID: Trip Blank
Date Collected: 04/28/26 00:00
Date Received: 04/30/26 10:45

Lab Sample ID: 705-65275-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.23	ug/L			05/04/26 14:47	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.23	ug/L			05/04/26 14:47	1
1,1,2-Trichloroethane	ND		5.0	0.21	ug/L			05/04/26 14:47	1
1,1-Dichloroethane	ND		5.0	0.21	ug/L			05/04/26 14:47	1
1,1-Dichloroethene	ND		5.0	0.28	ug/L			05/04/26 14:47	1
1,2,4-Trichlorobenzene	ND		5.0	0.70	ug/L			05/04/26 14:47	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.45	ug/L			05/04/26 14:47	1
1,2-Dichlorobenzene	ND		5.0	0.32	ug/L			05/04/26 14:47	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			05/04/26 14:47	1
1,2-Dichloropropane	ND		5.0	0.21	ug/L			05/04/26 14:47	1
1,3-Dichlorobenzene	ND		5.0	0.34	ug/L			05/04/26 14:47	1
1,4-Dichlorobenzene	ND		5.0	0.32	ug/L			05/04/26 14:47	1
2-Butanone	ND		50	2.8	ug/L			05/04/26 14:47	1
2-Hexanone	ND		10	3.5	ug/L			05/04/26 14:47	1
4-Methyl-2-pentanone	ND		10	3.2	ug/L			05/04/26 14:47	1
Acetone	ND		50	4.0	ug/L			05/04/26 14:47	1
Benzene	ND		5.0	0.20	ug/L			05/04/26 14:47	1
Bromodichloromethane	ND		5.0	0.22	ug/L			05/04/26 14:47	1
Bromoform	ND		5.0	0.46	ug/L			05/04/26 14:47	1
Bromomethane	ND		5.0	0.47	ug/L			05/04/26 14:47	1
Carbon disulfide	ND		5.0	0.53	ug/L			05/04/26 14:47	1
Carbon tetrachloride	ND		5.0	0.22	ug/L			05/04/26 14:47	1
Chlorobenzene	ND		5.0	0.20	ug/L			05/04/26 14:47	1
Chloroethane	ND		10	0.37	ug/L			05/04/26 14:47	1
Chloroform	ND		5.0	0.22	ug/L			05/04/26 14:47	1
Chloromethane	ND		10	0.37	ug/L			05/04/26 14:47	1
cis-1,2-Dichloroethene	ND		5.0	0.23	ug/L			05/04/26 14:47	1
cis-1,3-Dichloropropene	ND		5.0	0.23	ug/L			05/04/26 14:47	1
Cyclohexane	ND		5.0	0.55	ug/L			05/04/26 14:47	1
Dibromochloromethane	ND		5.0	0.44	ug/L			05/04/26 14:47	1
Dichlorodifluoromethane	ND		10	0.34	ug/L			05/04/26 14:47	1
Ethylbenzene	ND		5.0	0.28	ug/L			05/04/26 14:47	1
Freon-113	ND		10	0.27	ug/L			05/04/26 14:47	1
Isopropylbenzene	ND		5.0	0.27	ug/L			05/04/26 14:47	1
m,p-Xylene	ND		10	0.37	ug/L			05/04/26 14:47	1
Methyl acetate	ND		5.0	0.45	ug/L			05/04/26 14:47	1
Methyl tert-butyl ether	ND		5.0	0.18	ug/L			05/04/26 14:47	1
Methylcyclohexane	ND		5.0	0.31	ug/L			05/04/26 14:47	1
Methylene Chloride	ND		5.0	2.4	ug/L			05/04/26 14:47	1
o-Xylene	ND		5.0	0.27	ug/L			05/04/26 14:47	1
Styrene	ND		5.0	0.19	ug/L			05/04/26 14:47	1
Tetrachloroethene	ND		5.0	0.19	ug/L			05/04/26 14:47	1
Toluene	ND		5.0	0.20	ug/L			05/04/26 14:47	1
trans-1,2-Dichloroethene	ND		5.0	0.27	ug/L			05/04/26 14:47	1
trans-1,3-Dichloropropene	ND		5.0	0.43	ug/L			05/04/26 14:47	1
Trichloroethene	ND		5.0	0.21	ug/L			05/04/26 14:47	1
Trichlorofluoromethane	ND		5.0	0.40	ug/L			05/04/26 14:47	1
Vinyl chloride	ND		5.0	0.30	ug/L			05/04/26 14:47	1
1,2-Dichloroethene, Total	ND		5.0	0.23	ug/L			05/04/26 14:47	1

DRAFT

Client: ECS Southeast LLC
Project/Site: Pelham Parkway Site

Job ID: 705-65275-1

Client Sample ID: Trip Blank
Date Collected: 04/28/26 00:00
Date Received: 04/30/26 10:45

Lab Sample ID: 705-65275-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		5.0	0.27	ug/L			05/04/26 14:47	1
1,2-Dibromoethane	ND		5.0	0.20	ug/L			05/04/26 14:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 126*		*05/04/26 14:47*	*1*
Dibromofluoromethane (Surr)	*91*		*77 - 121*		*05/04/26 14:47*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*05/04/26 14:47*	*1*

DRAFT

Surrogate Summary

Client: ECS Southeast LLC
Project/Site: Pelham Parkway Site

Job ID: 705-65275-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-126)	(77-121)	(79-119)
705-65275-2	B-1	103	97	98
705-65275-5	Trip Blank	101	91	99
705-65304-C-24 DU	Duplicate	102	95	102
705-65304-C-27 MS	Matrix Spike	102	98	98
LCS 705-132735/1004	Lab Control Sample	104	98	97
MB 705-132735/8	Method Blank	101	95	103

Surrogate Legend

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

DRAFT

Isotope Dilution Summary

Client: ECS Southeast LLC
Project/Site: Pelham Parkway Site

Job ID: 705-65275-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFBA	PFPeA	13C5PHA	C4PFHA	C8PFOA	C9PFNA	C6PFDA	13C7PUA
Lab Sample ID	Client Sample ID	(8-130)	(35-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)
705-65275-1	B-1	76.7	65.6	76.1	76.0	73.2	74.2	77.7	73.2
LCS 410-810743/2-A	Lab Control Sample	84.3	83.9	87.1	85.4	80.5	81.8	82.0	75.7
LLCS 410-810743/3-A	Lab Control Sample	85.7	78.3	83.6	90.9	85.6	82.2	84.3	81.4
MB 410-810743/1-A	Method Blank	81.6	70.7	90.5	82.1	84.2	78.1	80.9	76.9

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFTDA	C3PFBS	C3PFHS	C8PFOS	PFOSA	d3NMFOS	d5NEFOS	M242FTS
Lab Sample ID	Client Sample ID	(20-130)	(40-135)	(40-130)	(40-130)	(40-130)	(40-135)	(40-150)	(40-165)
705-65275-1	B-1	40.9	69.5	71.6	73.1	68.2	64.5	67.9	75.9
LCS 410-810743/2-A	Lab Control Sample	45.5	85.1	85.4	80.2	72.0	77.0	77.7	91.7
LLCS 410-810743/3-A	Lab Control Sample	66.9	84.0	82.4	84.1	75.9	78.1	79.7	100
MB 410-810743/1-A	Method Blank	49.2	84.6	83.0	78.2	71.2	69.4	76.1	97.6

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		M262FTS	M282FTS	HFPODA	NMFM	NEFM	d5NPFSA	d3NMFSA	PFDoA
Lab Sample ID	Client Sample ID	(40-215)	(40-275)	(40-130)	(20-130)	(15-130)	(10-130)	(10-130)	(40-130)
705-65275-1	B-1	79.0	71.9	70.8	41.0	38.4	52.3	58.1	66.5
LCS 410-810743/2-A	Lab Control Sample	93.6	93.2	79.8	41.0	40.7	54.7	59.6	65.7
LLCS 410-810743/3-A	Lab Control Sample	93.9	89.7	88.6	52.5	50.2	57.4	62.8	74.1
MB 410-810743/1-A	Method Blank	90.2	91.3	73.1	41.0	37.5	49.0	54.9	69.1

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		3C3-PFDoS	C3-3:3 FTCA	C3-5:3 FTCA					
Lab Sample ID	Client Sample ID	(20-150)	(20-150)	(20-150)					
705-65275-1	B-1	40.5	68.8	62.4					
LCS 410-810743/2-A	Lab Control Sample	57.0	75.7	69.9					
LLCS 410-810743/3-A	Lab Control Sample	65.8	84.0	77.4					
MB 410-810743/1-A	Method Blank	59.8	79.2	72.6					

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA

DRAFT

Isotope Dilution Summary

Client: ECS Southeast LLC
Job ID: 705-65275-1
Project/Site: Pelham Parkway Site

d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA
13C3-PFDoS = 13C3-PFDoS
C3-3:3 FTCA = 13C3-3:3 FTCA
C3-5:3 FTCA = 13C3-5:3 FTCA

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Water **Prep Type: Total/NA**

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFBA (5-130)	PFPeA (40-130)	13C5PHA (40-130)	C4PFHA (40-130)	C8PFOA (40-130)	C9PFNA (40-130)	C6PFDA (40-130)	13C7PUA (30-130)
460-350062-A-9-C MS	Matrix Spike	87.1	72.8	72.2	68.0	85.8	83.9	78.6	78.2
460-350062-A-9-D MSD	Matrix Spike Duplicate	74.8	72.0	72.9	66.5	74.6	69.8	69.6	68.8
705-65275-2	B-1	73.2	46.0	50.3	56.9	79.8	82.0	77.9 *3	111 *3
705-65275-3	FB-1	85.1	86.3	74.7	88.1	88.5	67.4	69.2	72.6
705-65275-4	EB-1	87.7	86.3	94.7	77.5	76.0	77.2	82.9	89.2
LCS 410-811891/24-A	Lab Control Sample	89.9	92.5	82.0	80.2	89.9	81.1	82.9	88.7
LLCS 410-811891/1-A	Lab Control Sample	90.6	87.1	96.4	92.1	93.3	79.7	90.2	104
MB 410-811891/23-A	Method Blank	88.7	81.8	81.4	80.0	83.9	80.6	80.5	84.9

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFTDA (10-130)	C3PFBS (40-135)	C3PFHS (40-130)	C8PFOS (40-130)	PFOSA (40-130)	d3NMFOS (40-170)	d5NEFOS (25-135)	M242FTS (40-200)
460-350062-A-9-C MS	Matrix Spike	78.7	85.8	77.9	76.7	71.7	70.9	73.0	123
460-350062-A-9-D MSD	Matrix Spike Duplicate	64.4	83.5	74.8	69.2	60.9	62.0	68.3	111
705-65275-2	B-1	188 *5+ *3	82.3	83.2	80.0	95.3	43.7	61.2	196
705-65275-3	FB-1	64.4	83.6	80.3	71.9	66.8	62.6	77.1	100
705-65275-4	EB-1	77.3	91.1	86.2	82.7	74.0	71.1	79.1	107
LCS 410-811891/24-A	Lab Control Sample	79.6	76.0	85.5	78.2	74.3	80.6	97.5	107
LLCS 410-811891/1-A	Lab Control Sample	87.4	84.5	84.1	83.4	76.8	81.1	101	110
MB 410-811891/23-A	Method Blank	77.3	89.1	90.2	79.5	73.5	70.9	80.2	111

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	M262FTS (40-200)	M282FTS (40-300)	HFPODA (40-130)	NMFM (10-130)	NEFM (10-130)	d5NPFSA (10-130)	d3NMFSA (10-130)	PFDoA (10-130)
460-350062-A-9-C MS	Matrix Spike	85.4	94.3	70.9	60.1	55.6	56.7	58.1	77.3
460-350062-A-9-D MSD	Matrix Spike Duplicate	91.2	84.0	76.8	52.4	50.6	51.6	54.2	67.3
705-65275-2	B-1	246 *5+	128	41.7	68.5	58.5	62.5	62.4	202 *5+ *3
705-65275-3	FB-1	100	77.2	81.1	46.6	45.4	49.5	51.6	65.2
705-65275-4	EB-1	116	113	80.7	63.9	61.6	59.9	61.1	84.3
LCS 410-811891/24-A	Lab Control Sample	98.3	96.9	70.6	70.9	62.1	64.0	65.2	86.6
LLCS 410-811891/1-A	Lab Control Sample	105	107	80.7	57.3	50.1	64.9	67.0	92.4
MB 410-811891/23-A	Method Blank	109	113	80.0	60.3	51.5	63.0	63.4	81.0

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	13C3-PFDoS (20-150)	C3-3:3 FTCA (20-150)	C3-5:3 FTCA (20-150)
460-350062-A-9-C MS	Matrix Spike	68.7	66.5	59.7
460-350062-A-9-D MSD	Matrix Spike Duplicate	59.4	70.1	64.7
705-65275-2	B-1	71.3	54.8	109
705-65275-3	FB-1	55.6	75.1	62.9
705-65275-4	EB-1	68.0	75.4	62.1
LCS 410-811891/24-A	Lab Control Sample	70.7	86.1	81.5
LLCS 410-811891/1-A	Lab Control Sample	68.7	99.9	74.6
MB 410-811891/23-A	Method Blank	65.7	87.7	72.1

Surrogate Legend

DRAFT

Isotope Dilution Summary

Client: ECS Southeast LLC
Job ID: 705-65275-1
Project/Site: Pelham Parkway Site

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA
13C3-PFDoS = 13C3-PFDoS
C3-3:3 FTCA = 13C3-3:3 FTCA
C3-5:3 FTCA = 13C3-5:3 FTCA

DRAFT

Client: ECS Southeast LLC
Project/Site: Pelham Parkway Site

Job ID: 705-65275-1

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

Lab Sample ID: MB 705-132735/8
Matrix: Water
Analysis Batch: 132735

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.23	ug/L			05/04/26 13:34	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.23	ug/L			05/04/26 13:34	1
1,1,2-Trichloroethane	ND		5.0	0.21	ug/L			05/04/26 13:34	1
1,1-Dichloroethane	ND		5.0	0.21	ug/L			05/04/26 13:34	1
1,1-Dichloroethene	ND		5.0	0.28	ug/L			05/04/26 13:34	1
1,2,4-Trichlorobenzene	ND		5.0	0.70	ug/L			05/04/26 13:34	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.45	ug/L			05/04/26 13:34	1
1,2-Dichlorobenzene	ND		5.0	0.32	ug/L			05/04/26 13:34	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			05/04/26 13:34	1
1,2-Dichloropropane	ND		5.0	0.21	ug/L			05/04/26 13:34	1
1,3-Dichlorobenzene	ND		5.0	0.34	ug/L			05/04/26 13:34	1
1,4-Dichlorobenzene	ND		5.0	0.32	ug/L			05/04/26 13:34	1
2-Butanone	ND		50	2.8	ug/L			05/04/26 13:34	1
2-Hexanone	ND		10	3.5	ug/L			05/04/26 13:34	1
4-Methyl-2-pentanone	ND		10	3.2	ug/L			05/04/26 13:34	1
Acetone	ND		50	4.0	ug/L			05/04/26 13:34	1
Benzene	ND		5.0	0.20	ug/L			05/04/26 13:34	1
Bromodichloromethane	ND		5.0	0.22	ug/L			05/04/26 13:34	1
Bromoform	ND		5.0	0.46	ug/L			05/04/26 13:34	1
Bromomethane	ND		5.0	0.47	ug/L			05/04/26 13:34	1
Carbon disulfide	ND		5.0	0.53	ug/L			05/04/26 13:34	1
Carbon tetrachloride	ND		5.0	0.22	ug/L			05/04/26 13:34	1
Chlorobenzene	ND		5.0	0.20	ug/L			05/04/26 13:34	1
Chloroethane	ND		10	0.37	ug/L			05/04/26 13:34	1
Chloroform	ND		5.0	0.22	ug/L			05/04/26 13:34	1
Chloromethane	ND		10	0.37	ug/L			05/04/26 13:34	1
cis-1,2-Dichloroethene	ND		5.0	0.23	ug/L			05/04/26 13:34	1
cis-1,3-Dichloropropene	ND		5.0	0.23	ug/L			05/04/26 13:34	1
Cyclohexane	ND		5.0	0.55	ug/L			05/04/26 13:34	1
Dibromochloromethane	ND		5.0	0.44	ug/L			05/04/26 13:34	1
Dichlorodifluoromethane	ND		10	0.34	ug/L			05/04/26 13:34	1
Ethylbenzene	ND		5.0	0.28	ug/L			05/04/26 13:34	1
Freon-113	ND		10	0.27	ug/L			05/04/26 13:34	1
Isopropylbenzene	ND		5.0	0.27	ug/L			05/04/26 13:34	1
m,p-Xylene	ND		10	0.37	ug/L			05/04/26 13:34	1
Methyl acetate	ND		5.0	0.45	ug/L			05/04/26 13:34	1
Methyl tert-butyl ether	ND		5.0	0.18	ug/L			05/04/26 13:34	1
Methylcyclohexane	ND		5.0	0.31	ug/L			05/04/26 13:34	1
Methylene Chloride	ND		5.0	2.4	ug/L			05/04/26 13:34	1
o-Xylene	ND		5.0	0.27	ug/L			05/04/26 13:34	1
Styrene	ND		5.0	0.19	ug/L			05/04/26 13:34	1
Tetrachloroethene	ND		5.0	0.19	ug/L			05/04/26 13:34	1
Toluene	ND		5.0	0.20	ug/L			05/04/26 13:34	1
trans-1,2-Dichloroethene	ND		5.0	0.27	ug/L			05/04/26 13:34	1
trans-1,3-Dichloropropene	ND		5.0	0.43	ug/L			05/04/26 13:34	1
Trichloroethene	ND		5.0	0.21	ug/L			05/04/26 13:34	1
Trichlorofluoromethane	ND		5.0	0.40	ug/L			05/04/26 13:34	1
Vinyl chloride	ND		5.0	0.30	ug/L			05/04/26 13:34	1

DRAFT

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

Lab Sample ID: MB 705-132735/8
Matrix: Water
Analysis Batch: 132735

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethene, Total	ND		5.0	0.23	ug/L			05/04/26 13:34	1
Xylenes, Total	ND		5.0	0.27	ug/L			05/04/26 13:34	1
1,2-Dibromoethane	ND		5.0	0.20	ug/L			05/04/26 13:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 126*		*05/04/26 13:34*	*1*
Dibromofluoromethane (Surr)	*95*		*77 - 121*		*05/04/26 13:34*	*1*
Toluene-d8 (Surr)	*103*		*79 - 119*		*05/04/26 13:34*	*1*

Lab Sample ID: LCS 705-132735/1004
Matrix: Water
Analysis Batch: 132735

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	21.8		ug/L		109	71 - 124
1,1,2,2-Tetrachloroethane	20.0	14.9		ug/L		75	73 - 127
1,1,2-Trichloroethane	20.0	19.8		ug/L		99	69 - 127
1,1-Dichloroethane	20.0	20.4		ug/L		102	65 - 126
1,1-Dichloroethene	20.0	22.5		ug/L		113	69 - 130
1,2,4-Trichlorobenzene	20.0	22.4		ug/L		112	65 - 131
1,2-Dibromo-3-Chloropropane	20.0	17.0		ug/L		85	64 - 125
1,2-Dichlorobenzene	20.0	19.5		ug/L		97	69 - 127
1,2-Dichloroethane	20.0	20.4		ug/L		102	72 - 127
1,2-Dichloropropane	20.0	19.9		ug/L		100	71 - 121
1,3-Dichlorobenzene	20.0	19.4		ug/L		97	68 - 128
1,4-Dichlorobenzene	20.0	19.1		ug/L		95	68 - 126
2-Butanone	40.0	40.3	J	ug/L		101	74 - 131
2-Hexanone	40.0	39.4		ug/L		98	70 - 130
4-Methyl-2-pentanone	40.0	34.6		ug/L		87	76 - 122
Acetone	40.0	44.3	J	ug/L		111	62 - 136
Benzene	20.0	20.6		ug/L		103	76 - 122
Bromodichloromethane	20.0	19.7		ug/L		99	70 - 124
Bromoform	20.0	19.9		ug/L		99	65 - 129
Bromomethane	20.0	21.0		ug/L		105	60 - 138
Carbon disulfide	20.0	21.7		ug/L		109	71 - 122
Carbon tetrachloride	20.0	21.3		ug/L		106	72 - 133
Chlorobenzene	20.0	20.6		ug/L		103	75 - 121
Chloroethane	20.0	20.2		ug/L		101	55 - 138
Chloroform	20.0	20.7		ug/L		103	72 - 121
Chloromethane	20.0	16.3		ug/L		81	57 - 129
cis-1,2-Dichloroethene	20.0	21.0		ug/L		105	76 - 121
cis-1,3-Dichloropropene	20.0	18.6		ug/L		93	70 - 129
Cyclohexane	20.0	20.2		ug/L		101	68 - 124
Dibromochloromethane	20.0	19.9		ug/L		99	70 - 131
Dichlorodifluoromethane	20.0	17.2		ug/L		86	40 - 160
Ethylbenzene	20.0	21.3		ug/L		107	75 - 127
Freon-113	20.0	23.8		ug/L		119	74 - 122
Isopropylbenzene	20.0	19.1		ug/L		95	76 - 125

DRAFT

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

Lab Sample ID: LCS 705-132735/1004
Matrix: Water
Analysis Batch: 132735

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
m,p-Xylene	20.0	21.3		ug/L		106	76 - 128
Methyl acetate	40.0	40.0		ug/L		100	64 - 127
Methyl tert-butyl ether	20.0	20.5		ug/L		103	76 - 123
Methylcyclohexane	20.0	22.3		ug/L		111	68 - 123
Methylene Chloride	20.0	19.4		ug/L		97	68 - 131
o-Xylene	20.0	21.0		ug/L		105	78 - 124
Styrene	20.0	21.5		ug/L		107	71 - 129
Tetrachloroethene	20.0	21.9		ug/L		110	74 - 129
Toluene	20.0	19.9		ug/L		99	74 - 124
trans-1,2-Dichloroethene	20.0	22.0		ug/L		110	74 - 124
trans-1,3-Dichloropropene	20.0	18.9		ug/L		94	59 - 135
Trichloroethene	20.0	20.4		ug/L		102	72 - 129
Trichlorofluoromethane	20.0	20.0		ug/L		100	63 - 142
Vinyl chloride	20.0	19.3		ug/L		97	65 - 132
1,2-Dichloroethene, Total	40.0	43.0		ug/L		108	75 - 121
Xylenes, Total	40.0	42.3		ug/L		106	75 - 128
1,2-Dibromoethane	20.0	19.3		ug/L		96	68 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 126*
Dibromofluoromethane (Surr)	*98*		*77 - 121*
Toluene-d8 (Surr)	*97*		*79 - 119*

Lab Sample ID: 705-65304-C-27 MS
Matrix: Water
Analysis Batch: 132735

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND		20.0	21.8		ug/L		109	69 - 135
1,1,2,2-Tetrachloroethane	ND		20.0	18.4		ug/L		92	68 - 132
1,1,2-Trichloroethane	ND		20.0	20.0		ug/L		100	71 - 133
1,1-Dichloroethane	ND		20.0	20.8		ug/L		104	70 - 133
1,1-Dichloroethene	ND		20.0	23.9		ug/L		119	69 - 139
1,2,4-Trichlorobenzene	ND		20.0	24.8		ug/L		124	61 - 135
1,2-Dibromo-3-Chloropropane	ND		20.0	20.1		ug/L		101	62 - 127
1,2-Dichlorobenzene	ND		20.0	20.4		ug/L		102	76 - 125
1,2-Dichloroethane	ND		20.0	20.2		ug/L		101	70 - 133
1,2-Dichloropropane	ND		20.0	19.4		ug/L		97	69 - 132
1,3-Dichlorobenzene	ND		20.0	20.0		ug/L		100	76 - 126
1,4-Dichlorobenzene	ND		20.0	20.3		ug/L		101	76 - 124
2-Butanone	ND		40.0	41.2	J	ug/L		103	50 - 150
2-Hexanone	ND		40.0	39.7		ug/L		99	50 - 150
4-Methyl-2-pentanone	ND		40.0	36.0		ug/L		90	50 - 150
Acetone	4.7	J	40.0	49.6	J	ug/L		112	50 - 150
Benzene	ND		20.0	20.3		ug/L		102	71 - 133
Bromodichloromethane	ND		20.0	20.2		ug/L		101	68 - 133
Bromoform	ND		20.0	19.4		ug/L		97	58 - 130
Bromomethane	ND		20.0	19.6		ug/L		98	50 - 150

DRAFT

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

Lab Sample ID: 705-65304-C-27 MS
Matrix: Water
Analysis Batch: 132735

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon disulfide	ND		20.0	23.0		ug/L		115	50 - 150
Carbon tetrachloride	ND		20.0	21.5		ug/L		108	70 - 139
Chlorobenzene	ND		20.0	20.4		ug/L		102	78 - 128
Chloroethane	ND		20.0	22.9		ug/L		114	50 - 150
Chloroform	ND		20.0	20.3		ug/L		102	68 - 132
Chloromethane	ND		20.0	18.4		ug/L		92	50 - 150
cis-1,2-Dichloroethene	ND		20.0	20.7		ug/L		104	72 - 133
cis-1,3-Dichloropropene	ND		20.0	18.6		ug/L		93	70 - 128
Cyclohexane	ND		20.0	21.7		ug/L		109	50 - 150
Dibromochloromethane	ND		20.0	19.1		ug/L		95	68 - 130
Dichlorodifluoromethane	ND		20.0	18.5		ug/L		93	50 - 150
Ethylbenzene	ND		20.0	21.2		ug/L		106	75 - 131
Freon-113	ND		20.0	23.7		ug/L		119	50 - 150
Isopropylbenzene	ND		20.0	20.7		ug/L		104	72 - 135
m,p-Xylene	ND		20.0	21.2		ug/L		106	73 - 133
Methyl acetate	ND		40.0	39.9		ug/L		100	50 - 150
Methyl tert-butyl ether	ND		20.0	21.9		ug/L		110	70 - 130
Methylcyclohexane	ND	F1	20.0	31.6	F1	ug/L		158	50 - 150
Methylene Chloride	ND		20.0	19.0		ug/L		95	66 - 132
o-Xylene	ND		20.0	20.8		ug/L		104	73 - 132
Styrene	ND		20.0	21.1		ug/L		106	73 - 133
Tetrachloroethene	ND		20.0	22.1		ug/L		110	74 - 135
Toluene	ND		20.0	20.6		ug/L		103	72 - 134
trans-1,2-Dichloroethene	ND		20.0	22.6		ug/L		113	71 - 132
trans-1,3-Dichloropropene	ND		20.0	18.9		ug/L		95	60 - 125
Trichloroethene	ND		20.0	21.5		ug/L		108	77 - 136
Trichlorofluoromethane	ND		20.0	21.9		ug/L		110	69 - 133
Vinyl chloride	39		20.0	59.6		ug/L		105	66 - 138
1,2-Dichloroethene, Total	ND		40.0	43.3		ug/L		108	70 - 138
Xylenes, Total	ND		40.0	42.0		ug/L		105	74 - 131
1,2-Dibromoethane	ND		20.0	19.8		ug/L		99	76 - 129

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 126*
Dibromofluoromethane (Surr)	*98*		*77 - 121*
Toluene-d8 (Surr)	*98*		*79 - 119*

Lab Sample ID: 705-65304-C-24 DU
Matrix: Water
Analysis Batch: 132735

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,1,1-Trichloroethane	1.3	J	1.34	J	ug/L		0.3	20
1,1,2,2-Tetrachloroethane	ND		ND		ug/L		NC	19
1,1,2-Trichloroethane	ND		ND		ug/L		NC	20
1,1-Dichloroethane	0.24	J	ND		ug/L		NC	22
1,1-Dichloroethene	ND		ND		ug/L		NC	56
1,2,4-Trichlorobenzene	ND		ND		ug/L		NC	26

DRAFT

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

Lab Sample ID: 705-65304-C-24 DU
Matrix: Water
Analysis Batch: 132735

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	ND			ND		ug/L				NC	20
1,2-Dichlorobenzene	ND			ND		ug/L				NC	20
1,2-Dichloroethane	ND			ND		ug/L				NC	41
1,2-Dichloropropane	ND			ND		ug/L				NC	20
1,3-Dichlorobenzene	ND			ND		ug/L				NC	20
1,4-Dichlorobenzene	ND			ND		ug/L				NC	20
2-Butanone	ND			ND		ug/L				NC	20
2-Hexanone	ND			ND		ug/L				NC	50
4-Methyl-2-pentanone	ND			ND		ug/L				NC	50
Acetone	ND			ND		ug/L				NC	50
Benzene	ND			ND		ug/L				NC	42
Bromodichloromethane	ND			ND		ug/L				NC	20
Bromoform	ND			ND		ug/L				NC	20
Bromomethane	ND			ND		ug/L				NC	100
Carbon disulfide	ND			ND		ug/L				NC	50
Carbon tetrachloride	ND			ND		ug/L				NC	22
Chlorobenzene	ND			ND		ug/L				NC	50
Chloroethane	ND			ND		ug/L				NC	100
Chloroform	ND			ND		ug/L				NC	20
Chloromethane	ND			ND		ug/L				NC	100
cis-1,2-Dichloroethene	ND			ND		ug/L				NC	14
cis-1,3-Dichloropropene	ND			ND		ug/L				NC	14
Cyclohexane	ND			ND		ug/L				NC	50
Dibromochloromethane	ND			ND		ug/L				NC	20
Dichlorodifluoromethane	ND			ND		ug/L				NC	100
Ethylbenzene	ND			ND		ug/L				NC	28
Freon-113	ND			ND		ug/L				NC	50
Isopropylbenzene	ND			ND		ug/L				NC	20
m,p-Xylene	ND			ND		ug/L				NC	28
Methyl acetate	ND			ND		ug/L				NC	50
Methyl tert-butyl ether	ND			ND		ug/L				NC	30
Methylcyclohexane	ND			ND		ug/L				NC	50
Methylene Chloride	ND			ND		ug/L				NC	20
o-Xylene	ND			ND		ug/L				NC	28
Styrene	ND			ND		ug/L				NC	20
Tetrachloroethene	37			33.9		ug/L				9	20
Toluene	ND			ND		ug/L				NC	42
trans-1,2-Dichloroethene	ND			ND		ug/L				NC	20
trans-1,3-Dichloropropene	ND			ND		ug/L				NC	20
Trichloroethene	5.9			5.86		ug/L				0.2	51
Trichlorofluoromethane	ND			ND		ug/L				NC	23
Vinyl chloride	ND			ND		ug/L				NC	23
1,2-Dichloroethene, Total	ND			ND		ug/L				NC	20
Xylenes, Total	ND			ND		ug/L				NC	28
1,2-Dibromoethane	ND			ND		ug/L				NC	20

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 126*

DRAFT

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

Lab Sample ID: 705-65304-C-24 DU
Matrix: Water
Analysis Batch: 132735

Client Sample ID: Duplicate
Prep Type: Total/NA

Surrogate	DU %Recovery	DU Qualifier	Limits
Dibromofluoromethane (Surr)	*95*		*77 - 121*
Toluene-d8 (Surr)	*102*		*79 - 119*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-810743/1-A
Matrix: Solid
Analysis Batch: 811046

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 810743

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.097	ng/g		05/02/26 07:16	05/04/26 13:10	1
Perfluoropentanoic acid (PFPeA)	ND		0.19	0.097	ng/g		05/02/26 07:16	05/04/26 13:10	1
Perfluorohexanoic acid (PFHxA)	ND		0.19	0.097	ng/g		05/02/26 07:16	05/04/26 13:10	1
Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.097	ng/g		05/02/26 07:16	05/04/26 13:10	1
Perfluorooctanoic acid (PFOA)	ND		0.19	0.058	ng/g		05/02/26 07:16	05/04/26 13:10	1
Perfluorononanoic acid (PFNA)	ND		0.19	0.097	ng/g		05/02/26 07:16	05/04/26 13:10	1
Perfluorodecanoic acid (PFDA)	ND		0.19	0.058	ng/g		05/02/26 07:16	05/04/26 13:10	1
Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.097	ng/g		05/02/26 07:16	05/04/26 13:10	1
Perfluorododecanoic acid (PFDoA)	ND		0.19	0.097	ng/g		05/02/26 07:16	05/04/26 13:10	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.097	ng/g		05/02/26 07:16	05/04/26 13:10	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.097	ng/g		05/02/26 07:16	05/04/26 13:10	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.097	ng/g		05/02/26 07:16	05/04/26 13:10	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.097	ng/g		05/02/26 07:16	05/04/26 13:10	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.097	ng/g		05/02/26 07:16	05/04/26 13:10	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.097	ng/g		05/02/26 07:16	05/04/26 13:10	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.19	0.097	ng/g		05/02/26 07:16	05/04/26 13:10	1
Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.097	ng/g		05/02/26 07:16	05/04/26 13:10	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.097	ng/g		05/02/26 07:16	05/04/26 13:10	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.097	ng/g		05/02/26 07:16	05/04/26 13:10	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19	ng/g		05/02/26 07:16	05/04/26 13:10	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19	ng/g		05/02/26 07:16	05/04/26 13:10	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19	ng/g		05/02/26 07:16	05/04/26 13:10	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.097	ng/g		05/02/26 07:16	05/04/26 13:10	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.097	ng/g		05/02/26 07:16	05/04/26 13:10	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.097	ng/g		05/02/26 07:16	05/04/26 13:10	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.097	ng/g		05/02/26 07:16	05/04/26 13:10	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.097	ng/g		05/02/26 07:16	05/04/26 13:10	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.97	0.48	ng/g		05/02/26 07:16	05/04/26 13:10	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.97	0.48	ng/g		05/02/26 07:16	05/04/26 13:10	1

DRAFT

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-810743/1-A
Matrix: Solid
Analysis Batch: 811046

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 810743

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.097	ng/g		05/02/26 07:16	05/04/26 13:10	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.097	ng/g		05/02/26 07:16	05/04/26 13:10	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.097	ng/g		05/02/26 07:16	05/04/26 13:10	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.097	ng/g		05/02/26 07:16	05/04/26 13:10	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.097	ng/g		05/02/26 07:16	05/04/26 13:10	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.19	0.097	ng/g		05/02/26 07:16	05/04/26 13:10	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.19	0.097	ng/g		05/02/26 07:16	05/04/26 13:10	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.097	ng/g		05/02/26 07:16	05/04/26 13:10	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	ng/g		05/02/26 07:16	05/04/26 13:10	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.97	0.48	ng/g		05/02/26 07:16	05/04/26 13:10	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.97	0.48	ng/g		05/02/26 07:16	05/04/26 13:10	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*81.6*		*8 - 130*	*05/02/26 07:16*	*05/04/26 13:10*	*1*
13C5 PFPeA	*70.7*		*35 - 130*	*05/02/26 07:16*	*05/04/26 13:10*	*1*
13C5 PFHxA	*90.5*		*40 - 130*	*05/02/26 07:16*	*05/04/26 13:10*	*1*
13C4 PFHpA	*82.1*		*40 - 130*	*05/02/26 07:16*	*05/04/26 13:10*	*1*
13C8 PFOA	*84.2*		*40 - 130*	*05/02/26 07:16*	*05/04/26 13:10*	*1*
13C9 PFNA	*78.1*		*40 - 130*	*05/02/26 07:16*	*05/04/26 13:10*	*1*
13C6 PFDA	*80.9*		*40 - 130*	*05/02/26 07:16*	*05/04/26 13:10*	*1*
13C7 PFUnA	*76.9*		*40 - 130*	*05/02/26 07:16*	*05/04/26 13:10*	*1*
13C2 PFTeDA	*49.2*		*20 - 130*	*05/02/26 07:16*	*05/04/26 13:10*	*1*
13C3 PFBS	*84.6*		*40 - 135*	*05/02/26 07:16*	*05/04/26 13:10*	*1*
13C3 PFHxS	*83.0*		*40 - 130*	*05/02/26 07:16*	*05/04/26 13:10*	*1*
13C8 PFOS	*78.2*		*40 - 130*	*05/02/26 07:16*	*05/04/26 13:10*	*1*
13C8 FOSA	*71.2*		*40 - 130*	*05/02/26 07:16*	*05/04/26 13:10*	*1*
d3-NMeFOSAA	*69.4*		*40 - 135*	*05/02/26 07:16*	*05/04/26 13:10*	*1*
d5-NEtFOSAA	*76.1*		*40 - 150*	*05/02/26 07:16*	*05/04/26 13:10*	*1*
13C2 4:2 FTS	*97.6*		*40 - 165*	*05/02/26 07:16*	*05/04/26 13:10*	*1*
13C2 6:2 FTS	*90.2*		*40 - 215*	*05/02/26 07:16*	*05/04/26 13:10*	*1*
13C2 8:2 FTS	*91.3*		*40 - 275*	*05/02/26 07:16*	*05/04/26 13:10*	*1*
13C3 HFPO-DA	*73.1*		*40 - 130*	*05/02/26 07:16*	*05/04/26 13:10*	*1*
d7-N-MeFOSE-M	*41.0*		*20 - 130*	*05/02/26 07:16*	*05/04/26 13:10*	*1*
d9-N-EtFOSE-M	*37.5*		*15 - 130*	*05/02/26 07:16*	*05/04/26 13:10*	*1*
d5-NEtPFOSA	*49.0*		*10 - 130*	*05/02/26 07:16*	*05/04/26 13:10*	*1*
d3-NMePFOSA	*54.9*		*10 - 130*	*05/02/26 07:16*	*05/04/26 13:10*	*1*
13C2 PFDoA	*69.1*		*40 - 130*	*05/02/26 07:16*	*05/04/26 13:10*	*1*
13C3-PFDoS	*59.8*		*20 - 150*	*05/02/26 07:16*	*05/04/26 13:10*	*1*
13C3-3:3 FTCA	*79.2*		*20 - 150*	*05/02/26 07:16*	*05/04/26 13:10*	*1*
13C3-5:3 FTCA	*72.6*		*20 - 150*	*05/02/26 07:16*	*05/04/26 13:10*	*1*

DRAFT

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-810743/2-A
Matrix: Solid
Analysis Batch: 811046

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 810743

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	4.95	4.72		ng/g		95	70 - 140
Perfluoropentanoic acid (PFPeA)	2.48	2.12		ng/g		86	60 - 150
Perfluorohexanoic acid (PFHxA)	2.48	2.08		ng/g		84	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.48	2.12		ng/g		86	65 - 145
Perfluorooctanoic acid (PFOA)	2.48	2.09		ng/g		85	70 - 150
Perfluorononanoic acid (PFNA)	2.48	1.99		ng/g		80	70 - 155
Perfluorodecanoic acid (PFDA)	2.48	2.03		ng/g		82	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.48	2.19		ng/g		89	70 - 155
Perfluorododecanoic acid (PFDoA)	2.48	2.18		ng/g		88	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.48	2.59		ng/g		105	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.48	2.35		ng/g		95	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.20	1.88		ng/g		85	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.33	2.02		ng/g		87	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.26	2.00		ng/g		89	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.36	2.13		ng/g		90	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.30	2.02		ng/g		88	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.38	1.81		ng/g		76	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.39	1.96		ng/g		82	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.40	2.23		ng/g		93	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.64	4.23		ng/g		91	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.71	4.52		ng/g		96	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.75	4.58		ng/g		96	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.48	2.16		ng/g		87	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.48	2.33		ng/g		94	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.48	2.27		ng/g		92	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.48	2.30		ng/g		93	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.48	1.93		ng/g		78	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.4	11.6		ng/g		94	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.4	11.1		ng/g		90	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.86	1.62		ng/g		87	70 - 145

DRAFT

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-810743/2-A
Matrix: Solid
Analysis Batch: 811046

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 810743

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)			2.34	2.22		ng/g		95	70 - 160		
Perfluoro-3-methoxypropanoic acid (PFMPA)			2.48	2.15		ng/g		87	30 - 140		
Perfluoro-4-methoxybutanoic acid (PFMBA)			2.48	2.29		ng/g		93	60 - 150		
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			2.48	1.92		ng/g		77	60 - 155		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.31	1.90		ng/g		82	70 - 150		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.34	1.84		ng/g		79	45 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.21	1.96		ng/g		89	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			4.95	4.30		ng/g		87	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.4	11.8		ng/g		96	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.4	9.77		ng/g		79	60 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*84.3*		*8 - 130*
13C5 PFPeA	*83.9*		*35 - 130*
13C5 PFHxA	*87.1*		*40 - 130*
13C4 PFHpA	*85.4*		*40 - 130*
13C8 PFOA	*80.5*		*40 - 130*
13C9 PFNA	*81.8*		*40 - 130*
13C6 PFDA	*82.0*		*40 - 130*
13C7 PFUnA	*75.7*		*40 - 130*
13C2 PFTeDA	*45.5*		*20 - 130*
13C3 PFBS	*85.1*		*40 - 135*
13C3 PFHxS	*85.4*		*40 - 130*
13C8 PFOS	*80.2*		*40 - 130*
13C8 FOSA	*72.0*		*40 - 130*
d3-NMeFOSAA	*77.0*		*40 - 135*
d5-NEtFOSAA	*77.7*		*40 - 150*
13C2 4:2 FTS	*91.7*		*40 - 165*
13C2 6:2 FTS	*93.6*		*40 - 215*
13C2 8:2 FTS	*93.2*		*40 - 275*
13C3 HFPO-DA	*79.8*		*40 - 130*
d7-N-MeFOSE-M	*41.0*		*20 - 130*
d9-N-EtFOSE-M	*40.7*		*15 - 130*
d5-NEtPFOSA	*54.7*		*10 - 130*
d3-NMePFOSA	*59.6*		*10 - 130*
13C2 PFDoA	*65.7*		*40 - 130*
13C3-PFDoS	*57.0*		*20 - 150*
13C3-3:3 FTCA	*75.7*		*20 - 150*
13C3-5:3 FTCA	*69.9*		*20 - 150*

DRAFT

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-810743/3-A
Matrix: Solid
Analysis Batch: 811046

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 810743

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.490	0.461		ng/g		94	70 - 140
Perfluoropentanoic acid (PFPeA)	0.245	0.252		ng/g		103	60 - 150
Perfluorohexanoic acid (PFHxA)	0.245	0.257		ng/g		105	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.245	0.201		ng/g		82	65 - 145
Perfluorooctanoic acid (PFOA)	0.245	0.232		ng/g		95	70 - 150
Perfluorononanoic acid (PFNA)	0.245	0.221		ng/g		90	70 - 155
Perfluorodecanoic acid (PFDA)	0.245	0.216		ng/g		88	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.245	0.215		ng/g		88	70 - 155
Perfluorododecanoic acid (PFDoA)	0.245	0.209		ng/g		85	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.245	0.235		ng/g		96	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.245	0.243		ng/g		99	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.218	0.183	J	ng/g		84	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.230	0.234		ng/g		102	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.224	0.213		ng/g		95	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.234	0.219		ng/g		94	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.228	0.207		ng/g		91	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.236	0.185	J	ng/g		78	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.236	0.178	J	ng/g		75	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.238	0.251		ng/g		106	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.460	0.441		ng/g		96	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.467	0.452		ng/g		97	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.471	0.488		ng/g		104	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.245	0.231		ng/g		94	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.245	0.230		ng/g		94	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.245	0.247		ng/g		101	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.245	0.246		ng/g		100	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.245	0.248		ng/g		101	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.23	1.29		ng/g		106	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.23	1.20		ng/g		98	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.184	0.152	J	ng/g		83	70 - 145

DRAFT

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-810743/3-A
Matrix: Solid
Analysis Batch: 811046

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 810743

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)			0.232	0.206		ng/g		89	70 - 160		
Perfluoro-3-methoxypropanoic acid (PFMPA)			0.245	0.234		ng/g		96	30 - 140		
Perfluoro-4-methoxybutanoic acid (PFMBA)			0.245	0.224		ng/g		91	60 - 150		
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			0.245	0.270	I	ng/g		110	60 - 155		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			0.229	0.179	J	ng/g		78	70 - 150		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			0.231	0.187	J	ng/g		81	45 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			0.219	0.198	J	ng/g		91	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			0.490	0.547		ng/g		112	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			1.23	1.25		ng/g		102	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			1.23	1.24		ng/g		101	60 - 150		

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*85.7*		*8 - 130*
13C5 PFPeA	*78.3*		*35 - 130*
13C5 PFHxA	*83.6*		*40 - 130*
13C4 PFHpA	*90.9*		*40 - 130*
13C8 PFOA	*85.6*		*40 - 130*
13C9 PFNA	*82.2*		*40 - 130*
13C6 PFDA	*84.3*		*40 - 130*
13C7 PFUnA	*81.4*		*40 - 130*
13C2 PFTeDA	*66.9*		*20 - 130*
13C3 PFBS	*84.0*		*40 - 135*
13C3 PFHxS	*82.4*		*40 - 130*
13C8 PFOS	*84.1*		*40 - 130*
13C8 FOSA	*75.9*		*40 - 130*
d3-NMeFOSAA	*78.1*		*40 - 135*
d5-NEtFOSAA	*79.7*		*40 - 150*
13C2 4:2 FTS	*100*		*40 - 165*
13C2 6:2 FTS	*93.9*		*40 - 215*
13C2 8:2 FTS	*89.7*		*40 - 275*
13C3 HFPO-DA	*88.6*		*40 - 130*
d7-N-MeFOSE-M	*52.5*		*20 - 130*
d9-N-EtFOSE-M	*50.2*		*15 - 130*
d5-NEtPFOSA	*57.4*		*10 - 130*
d3-NMePFOSA	*62.8*		*10 - 130*
13C2 PFDoA	*74.1*		*40 - 130*
13C3-PFDoS	*65.8*		*20 - 150*
13C3-3:3 FTCA	*84.0*		*20 - 150*
13C3-5:3 FTCA	*77.4*		*20 - 150*

DRAFT

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-811891/23-A
Matrix: Water
Analysis Batch: 812092

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 811891

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		4.0	1.1	ng/L		05/05/26 10:12	05/05/26 23:59	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.60	ng/L		05/05/26 10:12	05/05/26 23:59	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	0.50	ng/L		05/05/26 10:12	05/05/26 23:59	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.80	ng/L		05/05/26 10:12	05/05/26 23:59	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.90	ng/L		05/05/26 10:12	05/05/26 23:59	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.50	ng/L		05/05/26 10:12	05/05/26 23:59	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.50	ng/L		05/05/26 10:12	05/05/26 23:59	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	0.50	ng/L		05/05/26 10:12	05/05/26 23:59	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.50	ng/L		05/05/26 10:12	05/05/26 23:59	1
Perfluorotridecanoic acid (PFTrDA)	ND		2.0	0.50	ng/L		05/05/26 10:12	05/05/26 23:59	1
Perfluorotetradecanoic acid (PFTeDA)	ND		2.0	0.50	ng/L		05/05/26 10:12	05/05/26 23:59	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.50	ng/L		05/05/26 10:12	05/05/26 23:59	1
Perfluoropentanesulfonic acid (PFPeS)	ND		2.0	0.50	ng/L		05/05/26 10:12	05/05/26 23:59	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.80	ng/L		05/05/26 10:12	05/05/26 23:59	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.0	0.50	ng/L		05/05/26 10:12	05/05/26 23:59	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		05/05/26 10:12	05/05/26 23:59	1
Perfluorononanesulfonic acid (PFNS)	ND		2.0	0.50	ng/L		05/05/26 10:12	05/05/26 23:59	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.50	ng/L		05/05/26 10:12	05/05/26 23:59	1
Perfluorododecanesulfonic acid (PFDoS)	ND		2.0	0.60	ng/L		05/05/26 10:12	05/05/26 23:59	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		4.0	1.0	ng/L		05/05/26 10:12	05/05/26 23:59	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		4.0	1.0	ng/L		05/05/26 10:12	05/05/26 23:59	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		4.0	1.0	ng/L		05/05/26 10:12	05/05/26 23:59	1
Perfluorooctanesulfonamide (PFOSA)	ND		2.0	0.50	ng/L		05/05/26 10:12	05/05/26 23:59	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.0	0.50	ng/L		05/05/26 10:12	05/05/26 23:59	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.0	1.1	ng/L		05/05/26 10:12	05/05/26 23:59	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.0	0.50	ng/L		05/05/26 10:12	05/05/26 23:59	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.0	0.50	ng/L		05/05/26 10:12	05/05/26 23:59	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		10	4.0	ng/L		05/05/26 10:12	05/05/26 23:59	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		10	4.0	ng/L		05/05/26 10:12	05/05/26 23:59	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		2.0	1.4	ng/L		05/05/26 10:12	05/05/26 23:59	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.0	0.50	ng/L		05/05/26 10:12	05/05/26 23:59	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.0	0.50	ng/L		05/05/26 10:12	05/05/26 23:59	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.0	0.50	ng/L		05/05/26 10:12	05/05/26 23:59	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.0	0.50	ng/L		05/05/26 10:12	05/05/26 23:59	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		2.0	0.50	ng/L		05/05/26 10:12	05/05/26 23:59	1

DRAFT

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-811891/23-A
Matrix: Water
Analysis Batch: 812092

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 811891

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.0	0.50	ng/L		05/05/26 10:12	05/05/26 23:59	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.0	0.50	ng/L		05/05/26 10:12	05/05/26 23:59	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		4.0	1.0	ng/L		05/05/26 10:12	05/05/26 23:59	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		10	2.8	ng/L		05/05/26 10:12	05/05/26 23:59	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		10	2.5	ng/L		05/05/26 10:12	05/05/26 23:59	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*88.7*		*5 - 130*	*05/05/26 10:12*	*05/05/26 23:59*	*1*
13C5 PFPeA	*81.8*		*40 - 130*	*05/05/26 10:12*	*05/05/26 23:59*	*1*
13C5 PFHxA	*81.4*		*40 - 130*	*05/05/26 10:12*	*05/05/26 23:59*	*1*
13C4 PFHpA	*80.0*		*40 - 130*	*05/05/26 10:12*	*05/05/26 23:59*	*1*
13C8 PFOA	*83.9*		*40 - 130*	*05/05/26 10:12*	*05/05/26 23:59*	*1*
13C9 PFNA	*80.6*		*40 - 130*	*05/05/26 10:12*	*05/05/26 23:59*	*1*
13C6 PFDA	*80.5*		*40 - 130*	*05/05/26 10:12*	*05/05/26 23:59*	*1*
13C7 PFUnA	*84.9*		*30 - 130*	*05/05/26 10:12*	*05/05/26 23:59*	*1*
13C2 PFTeDA	*77.3*		*10 - 130*	*05/05/26 10:12*	*05/05/26 23:59*	*1*
13C3 PFBS	*89.1*		*40 - 135*	*05/05/26 10:12*	*05/05/26 23:59*	*1*
13C3 PFHxS	*90.2*		*40 - 130*	*05/05/26 10:12*	*05/05/26 23:59*	*1*
13C8 PFOS	*79.5*		*40 - 130*	*05/05/26 10:12*	*05/05/26 23:59*	*1*
13C8 FOSA	*73.5*		*40 - 130*	*05/05/26 10:12*	*05/05/26 23:59*	*1*
d3-NMeFOSAA	*70.9*		*40 - 170*	*05/05/26 10:12*	*05/05/26 23:59*	*1*
d5-NEtFOSAA	*80.2*		*25 - 135*	*05/05/26 10:12*	*05/05/26 23:59*	*1*
13C2 4:2 FTS	*111*		*40 - 200*	*05/05/26 10:12*	*05/05/26 23:59*	*1*
13C2 6:2 FTS	*109*		*40 - 200*	*05/05/26 10:12*	*05/05/26 23:59*	*1*
13C2 8:2 FTS	*113*		*40 - 300*	*05/05/26 10:12*	*05/05/26 23:59*	*1*
13C3 HFPO-DA	*80.0*		*40 - 130*	*05/05/26 10:12*	*05/05/26 23:59*	*1*
d7-N-MeFOSE-M	*60.3*		*10 - 130*	*05/05/26 10:12*	*05/05/26 23:59*	*1*
d9-N-EtFOSE-M	*51.5*		*10 - 130*	*05/05/26 10:12*	*05/05/26 23:59*	*1*
d5-NEtPFOSA	*63.0*		*10 - 130*	*05/05/26 10:12*	*05/05/26 23:59*	*1*
d3-NMePFOSA	*63.4*		*10 - 130*	*05/05/26 10:12*	*05/05/26 23:59*	*1*
13C2 PFDoA	*81.0*		*10 - 130*	*05/05/26 10:12*	*05/05/26 23:59*	*1*
13C3-PFDoS	*65.7*		*20 - 150*	*05/05/26 10:12*	*05/05/26 23:59*	*1*
13C3-3:3 FTCA	*87.7*		*20 - 150*	*05/05/26 10:12*	*05/05/26 23:59*	*1*
13C3-5:3 FTCA	*72.1*		*20 - 150*	*05/05/26 10:12*	*05/05/26 23:59*	*1*

Lab Sample ID: LCS 410-811891/24-A
Matrix: Water
Analysis Batch: 812092

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 811891

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	80.0	79.9		ng/L		100	70 - 140
Perfluoropentanoic acid (PFPeA)	40.0	34.0		ng/L		85	65 - 135
Perfluorohexanoic acid (PFHxA)	40.0	37.7		ng/L		94	70 - 145
Perfluoroheptanoic acid (PFHpA)	40.0	37.7		ng/L		94	70 - 150
Perfluorooctanoic acid (PFOA)	40.0	33.4		ng/L		84	70 - 150

DRAFT

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-811891/24-A
Matrix: Water
Analysis Batch: 812092

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 811891

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorononanoic acid (PFNA)	40.0	34.8		ng/L		87	70 - 150
Perfluorodecanoic acid (PFDA)	40.0	32.2		ng/L		80	70 - 140
Perfluoroundecanoic acid (PFUnA)	40.0	36.6		ng/L		92	70 - 145
Perfluorododecanoic acid (PFDoA)	40.0	37.4		ng/L		93	70 - 140
Perfluorotridecanoic acid (PFTrDA)	40.0	37.4		ng/L		93	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	40.0	35.1		ng/L		88	60 - 140
Perfluorobutanesulfonic acid (PFBS)	35.5	37.8		ng/L		107	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	37.6	33.9		ng/L		90	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	36.5	32.9		ng/L		90	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	38.2	37.1		ng/L		97	70 - 150
Perfluorooctanesulfonic acid (PFOS)	37.2	36.2		ng/L		97	55 - 150
Perfluorononanesulfonic acid (PFNS)	38.5	37.0		ng/L		96	65 - 145
Perfluorodecanesulfonic acid (PFDS)	38.6	36.8		ng/L		95	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	38.8	36.5		ng/L		94	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	75.0	60.0		ng/L		80	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	76.2	77.7		ng/L		102	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	76.8	67.3		ng/L		88	60 - 150
Perfluorooctanesulfonamide (PFOSA)	40.0	39.2		ng/L		98	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	40.0	37.6		ng/L		94	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	40.0	38.3		ng/L		96	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	38.3		ng/L		96	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	37.3		ng/L		93	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	200	184		ng/L		92	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	200	203		ng/L		102	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	30.1	33.3		ng/L		111	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.8	43.2		ng/L		114	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	40.0	35.4		ng/L		89	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	40.0	33.8		ng/L		84	60 - 150

DRAFT

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-811891/24-A
Matrix: Water
Analysis Batch: 812092

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 811891

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			40.0	43.3		ng/L		108	50 - 150		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			37.4	37.0		ng/L		99	70 - 155		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			37.8	37.0		ng/L		98	55 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			35.7	32.5		ng/L		91	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			80.0	65.5		ng/L		82	65 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			200	154		ng/L		77	70 - 135		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			200	143		ng/L		72	50 - 145		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*89.9*		*5 - 130*
13C5 PFPeA	*92.5*		*40 - 130*
13C5 PFHxA	*82.0*		*40 - 130*
13C4 PFHpA	*80.2*		*40 - 130*
13C8 PFOA	*89.9*		*40 - 130*
13C9 PFNA	*81.1*		*40 - 130*
13C6 PFDA	*82.9*		*40 - 130*
13C7 PFUnA	*88.7*		*30 - 130*
13C2 PFTeDA	*79.6*		*10 - 130*
13C3 PFBS	*76.0*		*40 - 135*
13C3 PFHxS	*85.5*		*40 - 130*
13C8 PFOS	*78.2*		*40 - 130*
13C8 FOSA	*74.3*		*40 - 130*
d3-NMeFOSAA	*80.6*		*40 - 170*
d5-NEtFOSAA	*97.5*		*25 - 135*
13C2 4:2 FTS	*107*		*40 - 200*
13C2 6:2 FTS	*98.3*		*40 - 200*
13C2 8:2 FTS	*96.9*		*40 - 300*
13C3 HFPO-DA	*70.6*		*40 - 130*
d7-N-MeFOSE-M	*70.9*		*10 - 130*
d9-N-EtFOSE-M	*62.1*		*10 - 130*
d5-NEtPFOSA	*64.0*		*10 - 130*
d3-NMePFOSA	*65.2*		*10 - 130*
13C2 PFDoA	*86.6*		*10 - 130*
13C3-PFDoS	*70.7*		*20 - 150*
13C3-3:3 FTCA	*86.1*		*20 - 150*
13C3-5:3 FTCA	*81.5*		*20 - 150*

DRAFT

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-811891/1-A
Matrix: Water
Analysis Batch: 812092

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 811891

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	8.00	8.37		ng/L		105	70 - 140
Perfluoropentanoic acid (PFPeA)	4.00	4.30		ng/L		108	65 - 135
Perfluorohexanoic acid (PFHxA)	4.00	4.25		ng/L		106	70 - 145
Perfluoroheptanoic acid (PFHpA)	4.00	5.35	I	ng/L		134	70 - 150
Perfluorooctanoic acid (PFOA)	4.00	4.44		ng/L		111	70 - 150
Perfluorononanoic acid (PFNA)	4.00	4.27		ng/L		107	70 - 150
Perfluorodecanoic acid (PFDA)	4.00	3.57		ng/L		89	70 - 140
Perfluoroundecanoic acid (PFUnA)	4.00	3.62		ng/L		91	70 - 145
Perfluorododecanoic acid (PFDoA)	4.00	3.79		ng/L		95	70 - 140
Perfluorotridecanoic acid (PFTrDA)	4.00	3.50		ng/L		88	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	4.00	3.41		ng/L		85	60 - 140
Perfluorobutanesulfonic acid (PFBS)	3.55	3.89		ng/L		109	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	3.76	4.27		ng/L		114	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	3.65	3.96		ng/L		109	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	3.82	3.82		ng/L		100	70 - 150
Perfluorooctanesulfonic acid (PFOS)	3.72	4.68		ng/L		126	55 - 150
Perfluorononanesulfonic acid (PFNS)	3.85	4.07		ng/L		106	65 - 145
Perfluorodecanesulfonic acid (PFDS)	3.86	3.75		ng/L		97	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	3.88	3.93		ng/L		101	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	7.50	6.78		ng/L		90	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	7.62	9.58		ng/L		126	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	7.68	6.95		ng/L		90	60 - 150
Perfluorooctanesulfonamide (PFOSA)	4.00	4.34		ng/L		109	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	4.00	4.37		ng/L		109	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	4.00	4.15		ng/L		104	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.00	3.92		ng/L		98	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.00	4.30		ng/L		108	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	20.0	21.0		ng/L		105	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	20.0	22.6		ng/L		113	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	3.00	3.04		ng/L		101	70 - 140

DRAFT

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-811891/1-A
Matrix: Water
Analysis Batch: 812092

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 811891

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)			3.78	3.91		ng/L		103	65 - 145		
Perfluoro-3-methoxypropanoic acid (PFMPA)			4.00	4.82		ng/L		120	55 - 140		
Perfluoro-4-methoxybutanoic acid (PFMBA)			4.00	4.19		ng/L		105	60 - 150		
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			4.00	2.90		ng/L		72	50 - 150		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			3.74	3.92		ng/L		105	70 - 155		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			3.78	3.68		ng/L		97	55 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			3.57	3.08		ng/L		86	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			8.00	8.10		ng/L		101	65 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			20.0	20.7		ng/L		103	70 - 135		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			20.0	15.0		ng/L		75	50 - 145		

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*90.6*		*5 - 130*
13C5 PFPeA	*87.1*		*40 - 130*
13C5 PFHxA	*96.4*		*40 - 130*
13C4 PFHpA	*92.1*		*40 - 130*
13C8 PFOA	*93.3*		*40 - 130*
13C9 PFNA	*79.7*		*40 - 130*
13C6 PFDA	*90.2*		*40 - 130*
13C7 PFUnA	*104*		*30 - 130*
13C2 PFTeDA	*87.4*		*10 - 130*
13C3 PFBS	*84.5*		*40 - 135*
13C3 PFHxS	*84.1*		*40 - 130*
13C8 PFOS	*83.4*		*40 - 130*
13C8 FOSA	*76.8*		*40 - 130*
d3-NMeFOSAA	*81.1*		*40 - 170*
d5-NEtFOSAA	*101*		*25 - 135*
13C2 4:2 FTS	*110*		*40 - 200*
13C2 6:2 FTS	*105*		*40 - 200*
13C2 8:2 FTS	*107*		*40 - 300*
13C3 HFPO-DA	*80.7*		*40 - 130*
d7-N-MeFOSE-M	*57.3*		*10 - 130*
d9-N-EtFOSE-M	*50.1*		*10 - 130*
d5-NEtPFOSA	*64.9*		*10 - 130*
d3-NMePFOSA	*67.0*		*10 - 130*
13C2 PFDoA	*92.4*		*10 - 130*
13C3-PFDoS	*68.7*		*20 - 150*
13C3-3:3 FTCA	*99.9*		*20 - 150*
13C3-5:3 FTCA	*74.6*		*20 - 150*

DRAFT

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 460-350062-A-9-C MS
Matrix: Water
Analysis Batch: 812092

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 811891

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	74		56.7	128		ng/L		96	70 - 140
Perfluoropentanoic acid (PFPeA)	290		28.3	326	4	ng/L		115	65 - 135
Perfluorohexanoic acid (PFHxA)	210		28.3	212	4	ng/L		16	70 - 145
Perfluoroheptanoic acid (PFHpA)	150	F2	28.3	191	4	ng/L		147	70 - 150
Perfluorooctanoic acid (PFOA)	94		28.3	120		ng/L		90	70 - 150
Perfluorononanoic acid (PFNA)	180		28.3	190	4	ng/L		21	70 - 150
Perfluorodecanoic acid (PFDA)	11		28.3	32.4		ng/L		76	70 - 140
Perfluoroundecanoic acid (PFUnA)	47		28.3	75.9		ng/L		101	70 - 145
Perfluorododecanoic acid (PFDoA)	ND		28.3	28.9		ng/L		102	70 - 140
Perfluorotridecanoic acid (PFTrDA)	ND		28.3	26.6		ng/L		94	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	ND		28.3	28.2		ng/L		100	60 - 140
Perfluorobutanesulfonic acid (PFBS)	15		25.2	36.2		ng/L		84	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	22		26.6	47.3		ng/L		96	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	130		25.8	143	4	ng/L		56	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	9.4		27.0	36.9		ng/L		102	70 - 150
Perfluorooctanesulfonic acid (PFOS)	530		26.4	561	4	ng/L		134	55 - 150
Perfluorononanesulfonic acid (PFNS)	ND		27.3	26.9		ng/L		99	65 - 145
Perfluorodecanesulfonic acid (PFDS)	0.54	J	27.3	25.9		ng/L		93	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	ND		27.5	27.6		ng/L		101	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		53.2	49.0		ng/L		92	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	670	E	53.9	755	E 4	ng/L		150	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	75		54.4	129		ng/L		98	60 - 150
Perfluorooctanesulfonamide (PFOSA)	3.4		28.3	30.8		ng/L		97	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		28.3	28.7		ng/L		101	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		28.3	28.2		ng/L		100	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		28.3	31.4		ng/L		111	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		28.3	28.7		ng/L		101	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		142	145		ng/L		103	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		142	156		ng/L		110	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		21.3	23.1		ng/L		108	70 - 140

DRAFT

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 460-350062-A-9-C MS
Matrix: Water
Analysis Batch: 812092

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 811891

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		26.8	26.2		ng/L		98	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		28.3	28.3		ng/L		100	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		28.3	29.0		ng/L		102	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		28.3	25.7		ng/L		91	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		26.5	27.2		ng/L		103	70 - 155
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		26.7	25.9		ng/L		97	55 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		25.3	25.2		ng/L		100	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		56.7	51.6		ng/L		91	65 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		142	149		ng/L		105	70 - 135
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		142	97.6		ng/L		69	50 - 145

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C4 PFBA	*87.1*		*5 - 130*
13C5 PFPeA	*72.8*		*40 - 130*
13C5 PFHxA	*72.2*		*40 - 130*
13C4 PFHpA	*68.0*		*40 - 130*
13C8 PFOA	*85.8*		*40 - 130*
13C9 PFNA	*83.9*		*40 - 130*
13C6 PFDA	*78.6*		*40 - 130*
13C7 PFUnA	*78.2*		*30 - 130*
13C2 PFTeDA	*78.7*		*10 - 130*
13C3 PFBS	*85.8*		*40 - 135*
13C3 PFHxS	*77.9*		*40 - 130*
13C8 PFOS	*76.7*		*40 - 130*
13C8 FOSA	*71.7*		*40 - 130*
d3-NMeFOSAA	*70.9*		*40 - 170*
d5-NEtFOSAA	*73.0*		*25 - 135*
13C2 4:2 FTS	*123*		*40 - 200*
13C2 6:2 FTS	*85.4*		*40 - 200*
13C2 8:2 FTS	*94.3*		*40 - 300*
13C3 HFPO-DA	*70.9*		*40 - 130*
d7-N-MeFOSE-M	*60.1*		*10 - 130*
d9-N-EtFOSE-M	*55.6*		*10 - 130*
d5-NEtPFOSA	*56.7*		*10 - 130*
d3-NMePFOSA	*58.1*		*10 - 130*
13C2 PFDoA	*77.3*		*10 - 130*
13C3-PFDoS	*68.7*		*20 - 150*
13C3-3:3 FTCA	*66.5*		*20 - 150*
13C3-5:3 FTCA	*59.7*		*20 - 150*

DRAFT

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 460-350062-A-9-D MSD
Matrix: Water
Analysis Batch: 812092

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 811891

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	74		55.8	134		ng/L		108	70 - 140	5	30
Perfluoropentanoic acid (PFPeA)	290		27.9	348	4	ng/L		196	65 - 135	7	30
Perfluorohexanoic acid (PFHxA)	210		27.9	252	4	ng/L		159	70 - 145	17	30
Perfluoroheptanoic acid (PFHpA)	150	F2	27.9	266	4 F2 I	ng/L		418	70 - 150	33	30
Perfluorooctanoic acid (PFOA)	94		27.9	119		ng/L		89	70 - 150	1	30
Perfluorononanoic acid (PFNA)	180		27.9	212	4	ng/L		100	70 - 150	11	30
Perfluorodecanoic acid (PFDA)	11		27.9	34.5		ng/L		85	70 - 140	6	30
Perfluoroundecanoic acid (PFUnA)	47		27.9	80.9		ng/L		120	70 - 145	6	30
Perfluorododecanoic acid (PFDoA)	ND		27.9	25.4		ng/L		91	70 - 140	13	30
Perfluorotridecanoic acid (PFTrDA)	ND		27.9	25.8		ng/L		93	65 - 140	3	30
Perfluorotetradecanoic acid (PFTeDA)	ND		27.9	27.0		ng/L		97	60 - 140	5	30
Perfluorobutanesulfonic acid (PFBS)	15		24.8	38.0		ng/L		93	60 - 145	5	30
Perfluoropentanesulfonic acid (PFPeS)	22		26.2	42.9		ng/L		81	65 - 140	10	30
Perfluorohexanesulfonic acid (PFHxS)	130		25.4	164	4	ng/L		141	65 - 145	14	30
Perfluoroheptanesulfonic acid (PFHpS)	9.4		26.6	37.0		ng/L		104	70 - 150	0	30
Perfluorooctanesulfonic acid (PFOS)	530		25.9	587	4	ng/L		237	55 - 150	5	30
Perfluorononanesulfonic acid (PFNS)	ND		26.8	24.1		ng/L		90	65 - 145	11	30
Perfluorodecanesulfonic acid (PFDS)	0.54	J	26.9	24.0		ng/L		87	60 - 145	8	30
Perfluorododecanesulfonic acid (PFDoS)	ND		27.1	25.6		ng/L		94	50 - 145	8	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		52.3	41.4		ng/L		79	70 - 145	17	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	670	E	53.1	711	E 4	ng/L		68	65 - 155	6	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	75		53.6	132		ng/L		106	60 - 150	3	30
Perfluorooctanesulfonamide (PFOSA)	3.4		27.9	34.1		ng/L		110	70 - 145	10	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		27.9	28.1		ng/L		101	60 - 150	2	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		27.9	26.7		ng/L		96	65 - 145	5	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		27.9	28.8		ng/L		103	50 - 140	9	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		27.9	27.6		ng/L		99	70 - 145	4	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		139	140		ng/L		100	70 - 145	4	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		139	138		ng/L		99	70 - 135	12	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		21.0	20.4		ng/L		97	70 - 140	12	30

DRAFT

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 460-350062-A-9-D MSD
Matrix: Water
Analysis Batch: 812092

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 811891

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		26.4	24.1		ng/L		91	65 - 145	8	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		27.9	27.7		ng/L		99	55 - 140	2	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		27.9	29.1		ng/L		104	60 - 150	0	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		27.9	24.6		ng/L		88	50 - 150	4	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		26.1	26.6		ng/L		102	70 - 155	2	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		26.3	22.6		ng/L		86	55 - 160	14	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		24.9	25.3		ng/L		102	70 - 140	0	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		55.8	48.0		ng/L		86	65 - 130	7	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		139	148		ng/L		106	70 - 135	1	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		139	97.5		ng/L		70	50 - 145	0	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C4 PFBA	*74.8*		*5 - 130*
13C5 PFPeA	*72.0*		*40 - 130*
13C5 PFHxA	*72.9*		*40 - 130*
13C4 PFHpA	*66.5*		*40 - 130*
13C8 PFOA	*74.6*		*40 - 130*
13C9 PFNA	*69.8*		*40 - 130*
13C6 PFDA	*69.6*		*40 - 130*
13C7 PFUnA	*68.8*		*30 - 130*
13C2 PFTeDA	*64.4*		*10 - 130*
13C3 PFBS	*83.5*		*40 - 135*
13C3 PFHxS	*74.8*		*40 - 130*
13C8 PFOS	*69.2*		*40 - 130*
13C8 FOSA	*60.9*		*40 - 130*
d3-NMeFOSAA	*62.0*		*40 - 170*
d5-NEtFOSAA	*68.3*		*25 - 135*
13C2 4:2 FTS	*111*		*40 - 200*
13C2 6:2 FTS	*91.2*		*40 - 200*
13C2 8:2 FTS	*84.0*		*40 - 300*
13C3 HFPO-DA	*76.8*		*40 - 130*
d7-N-MeFOSE-M	*52.4*		*10 - 130*
d9-N-EtFOSE-M	*50.6*		*10 - 130*
d5-NEtPFOSA	*51.6*		*10 - 130*
d3-NMePFOSA	*54.2*		*10 - 130*
13C2 PFDoA	*67.3*		*10 - 130*
13C3-PFDoS	*59.4*		*20 - 150*
13C3-3:3 FTCA	*70.1*		*20 - 150*
13C3-5:3 FTCA	*64.7*		*20 - 150*

DRAFT

Lab Chronicle

Client: ECS Southeast LLC
Project/Site: Pelham Parkway Site

Job ID: 705-65275-1

Client Sample ID: B-1
Date Collected: 04/28/26 21:40
Date Received: 04/30/26 10:45

Lab Sample ID: 705-65275-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	D 2216		1	810453	E5GC	ELLE	05/01/26 13:58

Client Sample ID: B-1
Date Collected: 04/28/26 21:40
Date Received: 04/30/26 10:45

Lab Sample ID: 705-65275-1
Matrix: Solid
Percent Solids: 82.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A			810743	AM9P	ELLE	05/02/26 07:16
Total/NA	Analysis	1633A		1	811046	DX7G	ELLE	05/04/26 14:45

Client Sample ID: B-1
Date Collected: 04/29/26 05:45
Date Received: 04/30/26 10:45

Lab Sample ID: 705-65275-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	132735	T1C	EET ATL 1	05/04/26 17:33
Total/NA	Prep	1633A			811891	GY3C	ELLE	05/05/26 10:12
Total/NA	Analysis	1633A		1	812092	MC7V	ELLE	05/06/26 04:59

Client Sample ID: FB-1
Date Collected: 04/29/26 05:10
Date Received: 04/30/26 10:45

Lab Sample ID: 705-65275-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A			811891	GY3C	ELLE	05/05/26 10:12
Total/NA	Analysis	1633A		1	812092	MC7V	ELLE	05/06/26 05:12

Client Sample ID: EB-1
Date Collected: 04/29/26 05:15
Date Received: 04/30/26 10:45

Lab Sample ID: 705-65275-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A			811891	GY3C	ELLE	05/05/26 10:12
Total/NA	Analysis	1633A		1	812092	MC7V	ELLE	05/06/26 05:26

Client Sample ID: Trip Blank
Date Collected: 04/28/26 00:00
Date Received: 04/30/26 10:45

Lab Sample ID: 705-65275-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	132735	T1C	EET ATL 1	05/04/26 14:47

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET ATL 1 = Eurofins Atlanta Building B, 3785 Presidential Pkwy, Atlanta, GA 30340, TEL (770)457-8177

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

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Accreditation/Certification Summary

Client: ECS Southeast LLC
Job ID: 705-65275-1
Project/Site: Pelham Parkway Site

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

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

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	Dept. of Energy	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-27
Alaska	State	PA00009	06-30-26
Alaska (UST)	State	17-027	12-30-26
Arizona	State	AZ0780	03-12-27
Arkansas DEQ	State	88-00660	08-09-26
California	State	2792	01-31-26 *
Colorado	State	PA00009	06-30-26
Connecticut	State	PH-0746	06-30-27
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-27
Delaware (DW)	State	N/A	01-31-27
Florida	NELAP	E87997	06-30-26
Georgia (DW)	State	C048	01-31-27
Illinois	NELAP	200027	01-31-27
Iowa	State	361	03-01-28
Kansas	NELAP	E-10151	10-31-26
Kentucky (DW)	State	KY90088	12-31-26
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-26
Louisiana (All)	NELAP	02055	06-30-26
Maine	State	2019012	03-12-27
Maryland	State	100	06-30-26
Massachusetts	State	M-PA009	06-30-26
Michigan	State	9930	01-31-27
Minnesota	NELAP	042-999-487	12-31-26
Mississippi	State	023	01-31-27
Missouri	State	450	01-31-28
Montana (DW)	State	0098	01-01-27
Nebraska	State	NE-OS-32-17	01-31-27
New Hampshire	NELAP	2730	01-10-27
New Jersey	NELAP	PA011	06-30-26
New York	NELAP	10670	04-01-27
North Carolina (DW)	State	42705	07-31-26
North Carolina (WW/SW)	State	521	01-03-27
North Dakota	State	R-205	01-31-24 *
Ohio	State	87787	01-31-27
Oklahoma	NELAP	9804	12-13-26
Oregon	NELAP	PA200001	09-11-26
Pennsylvania	NELAP	36-00037	01-31-27
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-31-26
South Carolina	State	89002	01-31-27

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

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Client: ECS Southeast LLC
Job ID: 705-65275-1
Project/Site: Pelham Parkway Site

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

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

Authority	Program	Identification Number	Expiration Date
Tennessee	State	02838	01-31-27
Texas	NELAP	T104704194-23-46	08-31-26
USDA	US Federal Programs	525-22-298-19481	05-08-29
Vermont	State	VT - 36037	10-28-26
Virginia	NELAP	460182	06-14-26
Washington	State	C457	04-11-27
West Virginia (DW)	State	9906 C	01-31-27
West Virginia DEP	State	055	07-31-26
Wyoming	State	8TMS-L	01-31-27
Wyoming (UST)	A2LA	0001.01	11-30-26

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Login Sample Receipt Checklist

Client: ECS Southeast LLC

Job Number: 705-65275-1

Login Number: 65275
List Number: 1
Creator: Gay, Dalton

List Source: Eurofins Atlanta

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

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Login Sample Receipt Checklist

Client: ECS Southeast LLC

Job Number: 705-65275-1

Login Number: 65275
List Number: 2
Creator: Trzos, Hazel

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 05/01/26 11:54 AM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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END OF REPORT

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Appendix IV: Laboratory Results Summary Table

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TABLE 1 - Summary of Groundwater Laboratory Analysis

Anthony's Pelham Parkway Site - Targeted Site Assessment
2941 Pelham Parkway
Pelham, Alabama 35124
ECS PROJECT # 491-2107-B

Sample ID	B-1	FB-1	EB-1	Trip Blank	Comparison Criteria	
Sample Date	4/29/2026	4/29/2026	4/29/2026	4/29/2026	EPA RSL for Tap Water (ug/L)	EPA MCL (ug/L)
Depth of Water ('bsg)	27.50	NA	NA	NA		
VOCs by EPA Method 8260						
2-Butanone	10 J	NA	NA	< 2.8	560	NE
4-Methyl-2-pentanone	3.8 J	NA	NA	< 3.2	630	NE
Acetone	55	NA	NA	< 4.0	1,800	NE
Remaining VOCs	BMDL	NA	NA	BMDL	VARIES	VARIES
					EPA RSL for Tap Water (ng/L)	EPA MCL (ng/L)
PFAS by EPA Method 1633						
Perfluorobutanoic acid (PFBA)	31	< 0.75	< 0.75	NA	1,800	NE
Perfluoropentanoic acid (PFPeA)	29	< 0.41	< 0.41	NA	NE	NE
Perfluorohexanoic acid (PFHxA)	48	< 0.34	< 0.34	NA	990	NE
Perfluoroheptanoic acid (PFHpA)	20 I	< 0.55	< 0.55	NA	NE	NE
Perfluorooctanoic acid (PFOA)	69 I	< 0.61	< 0.62	NA	0.0027	4
Perfluorononanoic acid (PFNA)	4.1	< 0.34	< 0.34	NA	5.9	10
Perfluorodecanoic acid (PFDA)	1.3 J	< 0.34	< 0.34	NA	0.004	NE
Perfluorobutanesulfonic acid (PFBS)	19	< 0.34	< 0.34	NA	600	NE
Perfluorohexanesulfonic acid (PFHxS)	7.3	< 0.55	< 0.55	NA	39	10
Perfluorooctanesulfonic acid (PFOS)	6.3	< 0.89	< 0.89	NA	0.2	4
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.6 J	< 0.68	< 0.68	NA	NE	NE
Remaining PFAS	BMDL	BMDL	BMDL	BMDL	VARIES	VARIES

Results for VOCs are shown in micrograms per liter (µg/L)
Results for PFAS are shown in nanograms per liter (ng/L)
Environmental Protection Agency (EPA) Regional Screening Levels (RSL) for Tap Water
< Method Detection Limit (MDL)
Total Petroleum Hydrocarbons (Aromatic Low) comparison criteria was used for TPH DRO as it has the lowest levels of detection listed among the TPH group.

Concentration exceeds the EPA RSL for Tap Water
Concentration exceeds the EPA MCL
Concentration exceeds the EPA RSL for Tap Water & EPA MCL

BMDL - below method detection limit
J - Estimated concentration above the method detection limit but below the laboratory reporting limit
I - Value is estimated maximum possible concentration
VOC - Volatile Organic Compounds
PFAS - per- and polyfluoroalkyl substances
NE - Not Established

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ANALYTICAL REPORT

July 14, 2026

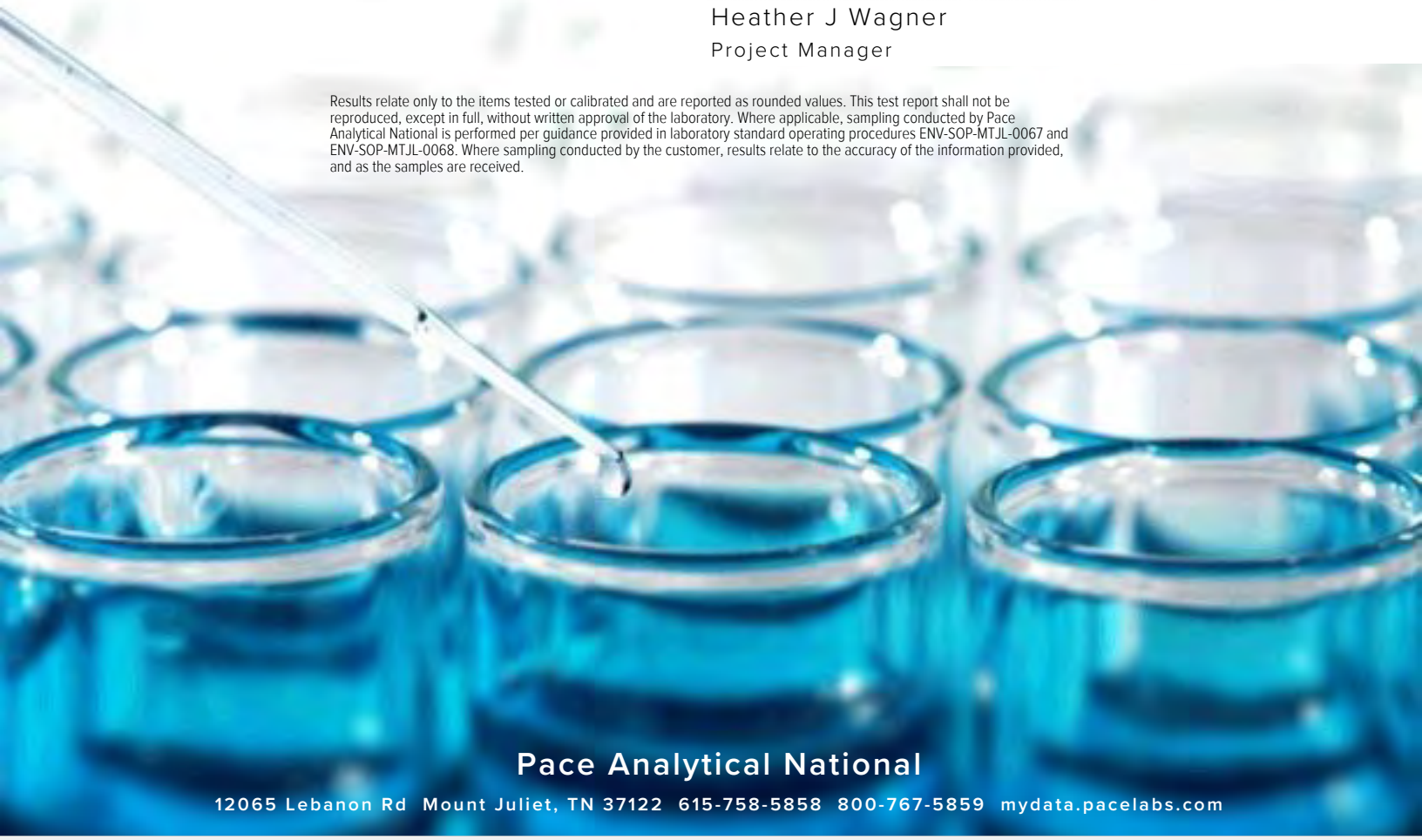
Bullock Environmental, LLC

Sample Delivery Group:	L1992230
Samples Received:	07/07/2026
Project Number:	26 LIVD01
Description:	Anthony's Carwash
Site:	PELHAM, AL
Report To:	Samuel Smith 4924 5th Avenue South Birmingham, AL 35222

Entire Report Reviewed By:

Heather J Wagner
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

TABLE OF CONTENTS

Cp: Cover Page 1

Tc: Table of Contents 2

Ss: Sample Summary 3

Cn: Case Narrative 5

Sr: Sample Results 6

MW-1 1-5 L1992230-01 6

MW-1 10-15 L1992230-02 8

MW-2 1-5 L1992230-03 10

MW-2 10-15 L1992230-04 12

MW-3 1-5 L1992230-05 14

MW-3 5-10 L1992230-06 16

MW-4 1-5 L1992230-07 18

MW-4 5-10 L1992230-08 20

Qc: Quality Control Summary 22

Total Solids by Method 2540 G-2011 22

Volatile Organic Compounds (GC/MS) by Method 8260D 24

Gl: Glossary of Terms 35

Al: Accreditations & Locations 36

Sc: Sample Chain of Custody 37

MW-1 1-5 L1992230-01

Collected by	Collected date/time	Received date/time
	07/02/26 18:00	07/07/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2788725	1	07/08/26 04:41	07/08/26 04:50	MT	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2790548	1	07/02/26 18:00	07/10/26 13:32	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2791871	1	07/02/26 18:00	07/13/26 16:20	DWR	Mt. Juliet, TN

MW-1 10-15 L1992230-02

Collected by	Collected date/time	Received date/time
	07/02/26 18:05	07/07/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2788725	1	07/08/26 04:41	07/08/26 04:50	MT	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2789445	1	07/02/26 18:05	07/10/26 02:59	WHS	Mt. Juliet, TN

MW-2 1-5 L1992230-03

Collected by	Collected date/time	Received date/time
	07/02/26 19:30	07/07/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2788725	1	07/08/26 04:41	07/08/26 04:50	MT	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2789445	1	07/02/26 19:30	07/10/26 03:19	WHS	Mt. Juliet, TN

MW-2 10-15 L1992230-04

Collected by	Collected date/time	Received date/time
	07/02/26 19:35	07/07/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2788725	1	07/08/26 04:41	07/08/26 04:50	MT	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2789445	1	07/02/26 19:35	07/10/26 03:38	WHS	Mt. Juliet, TN

MW-3 1-5 L1992230-05

Collected by	Collected date/time	Received date/time
	07/02/26 20:10	07/07/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2788725	1	07/08/26 04:41	07/08/26 04:50	MT	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2789445	1	07/02/26 20:10	07/10/26 03:58	WHS	Mt. Juliet, TN

MW-3 5-10 L1992230-06

Collected by	Collected date/time	Received date/time
	07/02/26 20:15	07/07/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2788725	1	07/08/26 04:41	07/08/26 04:50	MT	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2789445	1	07/02/26 20:15	07/10/26 04:17	WHS	Mt. Juliet, TN

MW-4 1-5 L1992230-07

Collected by	Collected date/time	Received date/time
	07/02/26 21:00	07/07/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2788726	1	07/08/26 07:20	07/08/26 07:40	MT	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2789445	1	07/02/26 21:00	07/10/26 04:37	WHS	Mt. Juliet, TN

SAMPLE SUMMARY

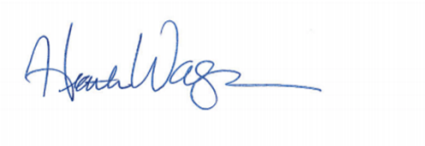
MW-4 5-10 L1992230-08

	Collected by	Collected date/time	Received date/time
		07/02/26 21:05	07/07/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2788726	1	07/08/26 07:20	07/08/26 07:40	MT	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2789445	1	07/02/26 21:05	07/10/26 04:56	WHS	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Heather J Wagner
Project Manager

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.5		1	07/08/2026 04:50	WG2788725

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

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND		0.150	1	07/10/2026 13:32	WG2790548
Acrylonitrile	ND		0.0188	1	07/10/2026 13:32	WG2790548
Benzene	ND		0.00150	1	07/13/2026 16:20	WG2791871
Bromobenzene	ND		0.0188	1	07/10/2026 13:32	WG2790548
Bromodichloromethane	ND		0.00376	1	07/10/2026 13:32	WG2790548
Bromoform	ND		0.0376	1	07/10/2026 13:32	WG2790548
Bromomethane	ND		0.0188	1	07/10/2026 13:32	WG2790548
n-Butylbenzene	ND		0.0188	1	07/10/2026 13:32	WG2790548
sec-Butylbenzene	ND		0.0188	1	07/10/2026 13:32	WG2790548
tert-Butylbenzene	ND		0.00752	1	07/10/2026 13:32	WG2790548
Carbon tetrachloride	ND		0.00752	1	07/10/2026 13:32	WG2790548
Chlorobenzene	ND		0.00376	1	07/10/2026 13:32	WG2790548
Chlorodibromomethane	ND		0.00376	1	07/10/2026 13:32	WG2790548
Chloroethane	ND		0.0150	1	07/10/2026 13:32	WG2790548
Chloroform	ND		0.00376	1	07/10/2026 13:32	WG2790548
Chloromethane	ND		0.0188	1	07/10/2026 13:32	WG2790548
2-Chlorotoluene	ND		0.00376	1	07/10/2026 13:32	WG2790548
4-Chlorotoluene	ND		0.00752	1	07/10/2026 13:32	WG2790548
1,2-Dibromo-3-Chloropropane	ND		0.0376	1	07/10/2026 13:32	WG2790548
1,2-Dibromoethane	ND		0.00376	1	07/10/2026 13:32	WG2790548
Dibromomethane	ND		0.00752	1	07/10/2026 13:32	WG2790548
1,2-Dichlorobenzene	ND		0.00752	1	07/10/2026 13:32	WG2790548
1,3-Dichlorobenzene	ND		0.00752	1	07/10/2026 13:32	WG2790548
1,4-Dichlorobenzene	ND		0.00752	1	07/10/2026 13:32	WG2790548
Dichlorodifluoromethane	ND		0.00752	1	07/10/2026 13:32	WG2790548
1,1-Dichloroethane	ND		0.00376	1	07/10/2026 13:32	WG2790548
1,2-Dichloroethane	ND		0.00376	1	07/10/2026 13:32	WG2790548
1,1-Dichloroethene	ND		0.00376	1	07/10/2026 13:32	WG2790548
cis-1,2-Dichloroethene	ND		0.00376	1	07/10/2026 13:32	WG2790548
trans-1,2-Dichloroethene	ND		0.00752	1	07/10/2026 13:32	WG2790548
1,2-Dichloropropane	ND		0.00752	1	07/10/2026 13:32	WG2790548
1,1-Dichloropropene	ND		0.00752	1	07/10/2026 13:32	WG2790548
1,3-Dichloropropane	ND		0.00752	1	07/10/2026 13:32	WG2790548
cis-1,3-Dichloropropene	ND		0.00376	1	07/10/2026 13:32	WG2790548
trans-1,3-Dichloropropene	ND		0.00752	1	07/10/2026 13:32	WG2790548
2,2-Dichloropropane	ND		0.00376	1	07/10/2026 13:32	WG2790548
Di-isopropyl ether	ND		0.00150	1	07/10/2026 13:32	WG2790548
Ethylbenzene	ND		0.00376	1	07/13/2026 16:20	WG2791871
Hexachloro-1,3-butadiene	ND		0.0376	1	07/10/2026 13:32	WG2790548
Isopropylbenzene	ND		0.00376	1	07/13/2026 16:20	WG2791871
p-Isopropyltoluene	ND		0.00752	1	07/10/2026 13:32	WG2790548
2-Butanone (MEK)	ND		0.150	1	07/10/2026 13:32	WG2790548
Methylene Chloride	ND		0.0376	1	07/10/2026 13:32	WG2790548
4-Methyl-2-pentanone (MIBK)	ND		0.0376	1	07/10/2026 13:32	WG2790548
Methyl tert-butyl ether	ND		0.00150	1	07/10/2026 13:32	WG2790548
Naphthalene	ND		0.0188	1	07/13/2026 16:20	WG2791871
n-Propylbenzene	ND		0.00752	1	07/13/2026 16:20	WG2791871
Styrene	ND		0.0188	1	07/10/2026 13:32	WG2790548
1,1,1,2-Tetrachloroethane	ND		0.00376	1	07/10/2026 13:32	WG2790548
1,1,2,2-Tetrachloroethane	ND		0.00376	1	07/10/2026 13:32	WG2790548

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.00752	1	07/10/2026 13:32	WG2790548
Tetrachloroethene	ND		0.00376	1	07/10/2026 13:32	WG2790548
Toluene	ND		0.00752	1	07/13/2026 16:20	WG2791871
1,2,3-Trichlorobenzene	ND	C3	0.0188	1	07/10/2026 13:32	WG2790548
1,2,4-Trichlorobenzene	ND	C3	0.0188	1	07/10/2026 13:32	WG2790548
1,1,1-Trichloroethane	ND		0.00376	1	07/10/2026 13:32	WG2790548
1,1,2-Trichloroethane	ND		0.00376	1	07/10/2026 13:32	WG2790548
Trichloroethene	ND		0.00150	1	07/10/2026 13:32	WG2790548
Trichlorofluoromethane	ND		0.00601	1	07/10/2026 13:32	WG2790548
1,2,3-Trichloropropane	ND		0.0188	1	07/10/2026 13:32	WG2790548
1,2,4-Trimethylbenzene	ND		0.00752	1	07/13/2026 16:20	WG2791871
1,2,3-Trimethylbenzene	ND		0.00752	1	07/13/2026 16:20	WG2791871
1,3,5-Trimethylbenzene	ND		0.00752	1	07/13/2026 16:20	WG2791871
Vinyl chloride	ND		0.00376	1	07/10/2026 13:32	WG2790548
Xylenes, Total	ND		0.00977	1	07/13/2026 16:20	WG2791871
(S) Toluene-d8	*97.8*		*75.0-131*		*07/10/2026 13:32*	WG2790548
(S) Toluene-d8	*104*		*75.0-131*		*07/13/2026 16:20*	WG2791871
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*07/10/2026 13:32*	WG2790548
(S) 4-Bromofluorobenzene	*98.6*		*67.0-138*		*07/13/2026 16:20*	WG2791871
(S) 1,2-Dichloroethane-d4	*110*		*70.0-130*		*07/10/2026 13:32*	WG2790548
(S) 1,2-Dichloroethane-d4	*84.1*		*70.0-130*		*07/13/2026 16:20*	WG2791871

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	72.5		1	07/08/2026 04:50	WG2788725

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

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.184	1	07/10/2026 02:59	WG2789445
Acrylonitrile	ND		0.0230	1	07/10/2026 02:59	WG2789445
Benzene	ND		0.00184	1	07/10/2026 02:59	WG2789445
Bromobenzene	ND		0.0230	1	07/10/2026 02:59	WG2789445
Bromodichloromethane	ND		0.00460	1	07/10/2026 02:59	WG2789445
Bromoform	ND		0.0460	1	07/10/2026 02:59	WG2789445
Bromomethane	ND		0.0230	1	07/10/2026 02:59	WG2789445
n-Butylbenzene	ND		0.0230	1	07/10/2026 02:59	WG2789445
sec-Butylbenzene	ND		0.0230	1	07/10/2026 02:59	WG2789445
tert-Butylbenzene	ND		0.00920	1	07/10/2026 02:59	WG2789445
Carbon tetrachloride	ND		0.00920	1	07/10/2026 02:59	WG2789445
Chlorobenzene	ND		0.00460	1	07/10/2026 02:59	WG2789445
Chlorodibromomethane	ND		0.00460	1	07/10/2026 02:59	WG2789445
Chloroethane	ND		0.0184	1	07/10/2026 02:59	WG2789445
Chloroform	ND		0.00460	1	07/10/2026 02:59	WG2789445
Chloromethane	ND		0.0230	1	07/10/2026 02:59	WG2789445
2-Chlorotoluene	ND		0.00460	1	07/10/2026 02:59	WG2789445
4-Chlorotoluene	ND		0.00920	1	07/10/2026 02:59	WG2789445
1,2-Dibromo-3-Chloropropane	ND		0.0460	1	07/10/2026 02:59	WG2789445
1,2-Dibromoethane	ND		0.00460	1	07/10/2026 02:59	WG2789445
Dibromomethane	ND		0.00920	1	07/10/2026 02:59	WG2789445
1,2-Dichlorobenzene	ND		0.00920	1	07/10/2026 02:59	WG2789445
1,3-Dichlorobenzene	ND		0.00920	1	07/10/2026 02:59	WG2789445
1,4-Dichlorobenzene	ND		0.00920	1	07/10/2026 02:59	WG2789445
Dichlorodifluoromethane	ND		0.00920	1	07/10/2026 02:59	WG2789445
1,1-Dichloroethane	ND		0.00460	1	07/10/2026 02:59	WG2789445
1,2-Dichloroethane	ND		0.00460	1	07/10/2026 02:59	WG2789445
1,1-Dichloroethene	ND		0.00460	1	07/10/2026 02:59	WG2789445
cis-1,2-Dichloroethene	ND		0.00460	1	07/10/2026 02:59	WG2789445
trans-1,2-Dichloroethene	ND		0.00920	1	07/10/2026 02:59	WG2789445
1,2-Dichloropropane	ND		0.00920	1	07/10/2026 02:59	WG2789445
1,1-Dichloropropene	ND		0.00920	1	07/10/2026 02:59	WG2789445
1,3-Dichloropropane	ND		0.00920	1	07/10/2026 02:59	WG2789445
cis-1,3-Dichloropropene	ND		0.00460	1	07/10/2026 02:59	WG2789445
trans-1,3-Dichloropropene	ND		0.00920	1	07/10/2026 02:59	WG2789445
2,2-Dichloropropane	ND		0.00460	1	07/10/2026 02:59	WG2789445
Di-isopropyl ether	ND		0.00184	1	07/10/2026 02:59	WG2789445
Ethylbenzene	ND		0.00460	1	07/10/2026 02:59	WG2789445
Hexachloro-1,3-butadiene	ND		0.0460	1	07/10/2026 02:59	WG2789445
Isopropylbenzene	ND		0.00460	1	07/10/2026 02:59	WG2789445
p-Isopropyltoluene	ND		0.00920	1	07/10/2026 02:59	WG2789445
2-Butanone (MEK)	ND		0.184	1	07/10/2026 02:59	WG2789445
Methylene Chloride	ND		0.0460	1	07/10/2026 02:59	WG2789445
4-Methyl-2-pentanone (MIBK)	ND		0.0460	1	07/10/2026 02:59	WG2789445
Methyl tert-butyl ether	ND		0.00184	1	07/10/2026 02:59	WG2789445
Naphthalene	ND	C3	0.0230	1	07/10/2026 02:59	WG2789445
n-Propylbenzene	ND		0.00920	1	07/10/2026 02:59	WG2789445
Styrene	ND		0.0230	1	07/10/2026 02:59	WG2789445
1,1,1,2-Tetrachloroethane	ND		0.00460	1	07/10/2026 02:59	WG2789445
1,1,2,2-Tetrachloroethane	ND		0.00460	1	07/10/2026 02:59	WG2789445

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.00920	1	07/10/2026 02:59	WG2789445
Tetrachloroethene	ND		0.00460	1	07/10/2026 02:59	WG2789445
Toluene	ND		0.00920	1	07/10/2026 02:59	WG2789445
1,2,3-Trichlorobenzene	ND		0.0230	1	07/10/2026 02:59	WG2789445
1,2,4-Trichlorobenzene	ND		0.0230	1	07/10/2026 02:59	WG2789445
1,1,1-Trichloroethane	ND		0.00460	1	07/10/2026 02:59	WG2789445
1,1,2-Trichloroethane	ND		0.00460	1	07/10/2026 02:59	WG2789445
Trichloroethene	ND		0.00184	1	07/10/2026 02:59	WG2789445
Trichlorofluoromethane	ND		0.00736	1	07/10/2026 02:59	WG2789445
1,2,3-Trichloropropane	ND		0.0230	1	07/10/2026 02:59	WG2789445
1,2,4-Trimethylbenzene	ND		0.00920	1	07/10/2026 02:59	WG2789445
1,2,3-Trimethylbenzene	ND		0.00920	1	07/10/2026 02:59	WG2789445
1,3,5-Trimethylbenzene	ND		0.00920	1	07/10/2026 02:59	WG2789445
Vinyl chloride	ND		0.00460	1	07/10/2026 02:59	WG2789445
Xylenes, Total	ND		0.0120	1	07/10/2026 02:59	WG2789445
(S) Toluene-d8	*99.2*		*75.0-131*		*07/10/2026 02:59*	WG2789445
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*07/10/2026 02:59*	WG2789445
(S) 1,2-Dichloroethane-d4	*97.8*		*70.0-130*		*07/10/2026 02:59*	WG2789445

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	78.3		1	07/08/2026 04:50	WG2788725

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

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.165	1	07/10/2026 03:19	WG2789445
Acrylonitrile	ND		0.0206	1	07/10/2026 03:19	WG2789445
Benzene	ND		0.00165	1	07/10/2026 03:19	WG2789445
Bromobenzene	ND		0.0206	1	07/10/2026 03:19	WG2789445
Bromodichloromethane	ND		0.00412	1	07/10/2026 03:19	WG2789445
Bromoform	ND		0.0412	1	07/10/2026 03:19	WG2789445
Bromomethane	ND		0.0206	1	07/10/2026 03:19	WG2789445
n-Butylbenzene	ND		0.0206	1	07/10/2026 03:19	WG2789445
sec-Butylbenzene	ND		0.0206	1	07/10/2026 03:19	WG2789445
tert-Butylbenzene	ND		0.00824	1	07/10/2026 03:19	WG2789445
Carbon tetrachloride	ND		0.00824	1	07/10/2026 03:19	WG2789445
Chlorobenzene	ND		0.00412	1	07/10/2026 03:19	WG2789445
Chlorodibromomethane	ND		0.00412	1	07/10/2026 03:19	WG2789445
Chloroethane	ND		0.0165	1	07/10/2026 03:19	WG2789445
Chloroform	ND		0.00412	1	07/10/2026 03:19	WG2789445
Chloromethane	ND		0.0206	1	07/10/2026 03:19	WG2789445
2-Chlorotoluene	ND		0.00412	1	07/10/2026 03:19	WG2789445
4-Chlorotoluene	ND		0.00824	1	07/10/2026 03:19	WG2789445
1,2-Dibromo-3-Chloropropane	ND		0.0412	1	07/10/2026 03:19	WG2789445
1,2-Dibromoethane	ND		0.00412	1	07/10/2026 03:19	WG2789445
Dibromomethane	ND		0.00824	1	07/10/2026 03:19	WG2789445
1,2-Dichlorobenzene	ND		0.00824	1	07/10/2026 03:19	WG2789445
1,3-Dichlorobenzene	ND		0.00824	1	07/10/2026 03:19	WG2789445
1,4-Dichlorobenzene	ND		0.00824	1	07/10/2026 03:19	WG2789445
Dichlorodifluoromethane	ND		0.00824	1	07/10/2026 03:19	WG2789445
1,1-Dichloroethane	ND		0.00412	1	07/10/2026 03:19	WG2789445
1,2-Dichloroethane	ND		0.00412	1	07/10/2026 03:19	WG2789445
1,1-Dichloroethene	ND		0.00412	1	07/10/2026 03:19	WG2789445
cis-1,2-Dichloroethene	ND		0.00412	1	07/10/2026 03:19	WG2789445
trans-1,2-Dichloroethene	ND		0.00824	1	07/10/2026 03:19	WG2789445
1,2-Dichloropropane	ND		0.00824	1	07/10/2026 03:19	WG2789445
1,1-Dichloropropene	ND		0.00824	1	07/10/2026 03:19	WG2789445
1,3-Dichloropropane	ND		0.00824	1	07/10/2026 03:19	WG2789445
cis-1,3-Dichloropropene	ND		0.00412	1	07/10/2026 03:19	WG2789445
trans-1,3-Dichloropropene	ND		0.00824	1	07/10/2026 03:19	WG2789445
2,2-Dichloropropane	ND		0.00412	1	07/10/2026 03:19	WG2789445
Di-isopropyl ether	ND		0.00165	1	07/10/2026 03:19	WG2789445
Ethylbenzene	ND		0.00412	1	07/10/2026 03:19	WG2789445
Hexachloro-1,3-butadiene	ND		0.0412	1	07/10/2026 03:19	WG2789445
Isopropylbenzene	ND		0.00412	1	07/10/2026 03:19	WG2789445
p-Isopropyltoluene	ND		0.00824	1	07/10/2026 03:19	WG2789445
2-Butanone (MEK)	ND		0.165	1	07/10/2026 03:19	WG2789445
Methylene Chloride	ND		0.0412	1	07/10/2026 03:19	WG2789445
4-Methyl-2-pentanone (MIBK)	ND		0.0412	1	07/10/2026 03:19	WG2789445
Methyl tert-butyl ether	ND		0.00165	1	07/10/2026 03:19	WG2789445
Naphthalene	ND	C3	0.0206	1	07/10/2026 03:19	WG2789445
n-Propylbenzene	ND		0.00824	1	07/10/2026 03:19	WG2789445
Styrene	ND		0.0206	1	07/10/2026 03:19	WG2789445
1,1,1,2-Tetrachloroethane	ND		0.00412	1	07/10/2026 03:19	WG2789445
1,1,2,2-Tetrachloroethane	ND		0.00412	1	07/10/2026 03:19	WG2789445

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.00824	1	07/10/2026 03:19	WG2789445
Tetrachloroethene	ND		0.00412	1	07/10/2026 03:19	WG2789445
Toluene	ND		0.00824	1	07/10/2026 03:19	WG2789445
1,2,3-Trichlorobenzene	ND		0.0206	1	07/10/2026 03:19	WG2789445
1,2,4-Trichlorobenzene	ND		0.0206	1	07/10/2026 03:19	WG2789445
1,1,1-Trichloroethane	ND		0.00412	1	07/10/2026 03:19	WG2789445
1,1,2-Trichloroethane	ND		0.00412	1	07/10/2026 03:19	WG2789445
Trichloroethene	ND		0.00165	1	07/10/2026 03:19	WG2789445
Trichlorofluoromethane	ND		0.00659	1	07/10/2026 03:19	WG2789445
1,2,3-Trichloropropane	ND		0.0206	1	07/10/2026 03:19	WG2789445
1,2,4-Trimethylbenzene	ND		0.00824	1	07/10/2026 03:19	WG2789445
1,2,3-Trimethylbenzene	ND		0.00824	1	07/10/2026 03:19	WG2789445
1,3,5-Trimethylbenzene	ND		0.00824	1	07/10/2026 03:19	WG2789445
Vinyl chloride	ND		0.00412	1	07/10/2026 03:19	WG2789445
Xylenes, Total	ND		0.0107	1	07/10/2026 03:19	WG2789445
(S) Toluene-d8	*101*		*75.0-131*		*07/10/2026 03:19*	WG2789445
(S) 4-Bromofluorobenzene	*98.8*		*67.0-138*		*07/10/2026 03:19*	WG2789445
(S) 1,2-Dichloroethane-d4	*97.5*		*70.0-130*		*07/10/2026 03:19*	WG2789445

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.3		1	07/08/2026 04:50	WG2788725

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

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.152	1	07/10/2026 03:38	WG2789445
Acrylonitrile	ND		0.0190	1	07/10/2026 03:38	WG2789445
Benzene	ND		0.00152	1	07/10/2026 03:38	WG2789445
Bromobenzene	ND		0.0190	1	07/10/2026 03:38	WG2789445
Bromodichloromethane	ND		0.00380	1	07/10/2026 03:38	WG2789445
Bromoform	ND		0.0380	1	07/10/2026 03:38	WG2789445
Bromomethane	ND		0.0190	1	07/10/2026 03:38	WG2789445
n-Butylbenzene	ND		0.0190	1	07/10/2026 03:38	WG2789445
sec-Butylbenzene	ND		0.0190	1	07/10/2026 03:38	WG2789445
tert-Butylbenzene	ND		0.00760	1	07/10/2026 03:38	WG2789445
Carbon tetrachloride	ND		0.00760	1	07/10/2026 03:38	WG2789445
Chlorobenzene	ND		0.00380	1	07/10/2026 03:38	WG2789445
Chlorodibromomethane	ND		0.00380	1	07/10/2026 03:38	WG2789445
Chloroethane	ND		0.0152	1	07/10/2026 03:38	WG2789445
Chloroform	ND		0.00380	1	07/10/2026 03:38	WG2789445
Chloromethane	ND		0.0190	1	07/10/2026 03:38	WG2789445
2-Chlorotoluene	ND		0.00380	1	07/10/2026 03:38	WG2789445
4-Chlorotoluene	ND		0.00760	1	07/10/2026 03:38	WG2789445
1,2-Dibromo-3-Chloropropane	ND		0.0380	1	07/10/2026 03:38	WG2789445
1,2-Dibromoethane	ND		0.00380	1	07/10/2026 03:38	WG2789445
Dibromomethane	ND		0.00760	1	07/10/2026 03:38	WG2789445
1,2-Dichlorobenzene	ND		0.00760	1	07/10/2026 03:38	WG2789445
1,3-Dichlorobenzene	ND		0.00760	1	07/10/2026 03:38	WG2789445
1,4-Dichlorobenzene	ND		0.00760	1	07/10/2026 03:38	WG2789445
Dichlorodifluoromethane	ND		0.00760	1	07/10/2026 03:38	WG2789445
1,1-Dichloroethane	ND		0.00380	1	07/10/2026 03:38	WG2789445
1,2-Dichloroethane	ND		0.00380	1	07/10/2026 03:38	WG2789445
1,1-Dichloroethene	ND		0.00380	1	07/10/2026 03:38	WG2789445
cis-1,2-Dichloroethene	ND		0.00380	1	07/10/2026 03:38	WG2789445
trans-1,2-Dichloroethene	ND		0.00760	1	07/10/2026 03:38	WG2789445
1,2-Dichloropropane	ND		0.00760	1	07/10/2026 03:38	WG2789445
1,1-Dichloropropene	ND		0.00760	1	07/10/2026 03:38	WG2789445
1,3-Dichloropropane	ND		0.00760	1	07/10/2026 03:38	WG2789445
cis-1,3-Dichloropropene	ND		0.00380	1	07/10/2026 03:38	WG2789445
trans-1,3-Dichloropropene	ND		0.00760	1	07/10/2026 03:38	WG2789445
2,2-Dichloropropane	ND		0.00380	1	07/10/2026 03:38	WG2789445
Di-isopropyl ether	ND		0.00152	1	07/10/2026 03:38	WG2789445
Ethylbenzene	ND		0.00380	1	07/10/2026 03:38	WG2789445
Hexachloro-1,3-butadiene	ND		0.0380	1	07/10/2026 03:38	WG2789445
Isopropylbenzene	ND		0.00380	1	07/10/2026 03:38	WG2789445
p-Isopropyltoluene	ND		0.00760	1	07/10/2026 03:38	WG2789445
2-Butanone (MEK)	ND		0.152	1	07/10/2026 03:38	WG2789445
Methylene Chloride	ND		0.0380	1	07/10/2026 03:38	WG2789445
4-Methyl-2-pentanone (MIBK)	ND		0.0380	1	07/10/2026 03:38	WG2789445
Methyl tert-butyl ether	ND		0.00152	1	07/10/2026 03:38	WG2789445
Naphthalene	ND	C3	0.0190	1	07/10/2026 03:38	WG2789445
n-Propylbenzene	ND		0.00760	1	07/10/2026 03:38	WG2789445
Styrene	ND		0.0190	1	07/10/2026 03:38	WG2789445
1,1,1,2-Tetrachloroethane	ND		0.00380	1	07/10/2026 03:38	WG2789445
1,1,2,2-Tetrachloroethane	ND		0.00380	1	07/10/2026 03:38	WG2789445

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.00760	1	07/10/2026 03:38	WG2789445
Tetrachloroethene	ND		0.00380	1	07/10/2026 03:38	WG2789445
Toluene	ND		0.00760	1	07/10/2026 03:38	WG2789445
1,2,3-Trichlorobenzene	ND		0.0190	1	07/10/2026 03:38	WG2789445
1,2,4-Trichlorobenzene	ND		0.0190	1	07/10/2026 03:38	WG2789445
1,1,1-Trichloroethane	ND		0.00380	1	07/10/2026 03:38	WG2789445
1,1,2-Trichloroethane	ND		0.00380	1	07/10/2026 03:38	WG2789445
Trichloroethene	ND		0.00152	1	07/10/2026 03:38	WG2789445
Trichlorofluoromethane	ND		0.00608	1	07/10/2026 03:38	WG2789445
1,2,3-Trichloropropane	ND		0.0190	1	07/10/2026 03:38	WG2789445
1,2,4-Trimethylbenzene	ND		0.00760	1	07/10/2026 03:38	WG2789445
1,2,3-Trimethylbenzene	ND		0.00760	1	07/10/2026 03:38	WG2789445
1,3,5-Trimethylbenzene	ND		0.00760	1	07/10/2026 03:38	WG2789445
Vinyl chloride	ND		0.00380	1	07/10/2026 03:38	WG2789445
Xylenes, Total	ND		0.00988	1	07/10/2026 03:38	WG2789445
(S) Toluene-d8	*103*		*75.0-131*		*07/10/2026 03:38*	WG2789445
(S) 4-Bromofluorobenzene	*97.8*		*67.0-138*		*07/10/2026 03:38*	WG2789445
(S) 1,2-Dichloroethane-d4	*97.4*		*70.0-130*		*07/10/2026 03:38*	WG2789445

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.5		1	07/08/2026 04:50	WG2788725

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

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.145	1	07/10/2026 03:58	WG2789445
Acrylonitrile	ND		0.0181	1	07/10/2026 03:58	WG2789445
Benzene	ND		0.00145	1	07/10/2026 03:58	WG2789445
Bromobenzene	ND		0.0181	1	07/10/2026 03:58	WG2789445
Bromodichloromethane	ND		0.00361	1	07/10/2026 03:58	WG2789445
Bromoform	ND		0.0361	1	07/10/2026 03:58	WG2789445
Bromomethane	ND		0.0181	1	07/10/2026 03:58	WG2789445
n-Butylbenzene	ND		0.0181	1	07/10/2026 03:58	WG2789445
sec-Butylbenzene	ND		0.0181	1	07/10/2026 03:58	WG2789445
tert-Butylbenzene	ND		0.00723	1	07/10/2026 03:58	WG2789445
Carbon tetrachloride	ND		0.00723	1	07/10/2026 03:58	WG2789445
Chlorobenzene	ND		0.00361	1	07/10/2026 03:58	WG2789445
Chlorodibromomethane	ND		0.00361	1	07/10/2026 03:58	WG2789445
Chloroethane	ND		0.0145	1	07/10/2026 03:58	WG2789445
Chloroform	ND		0.00361	1	07/10/2026 03:58	WG2789445
Chloromethane	ND		0.0181	1	07/10/2026 03:58	WG2789445
2-Chlorotoluene	ND		0.00361	1	07/10/2026 03:58	WG2789445
4-Chlorotoluene	ND		0.00723	1	07/10/2026 03:58	WG2789445
1,2-Dibromo-3-Chloropropane	ND		0.0361	1	07/10/2026 03:58	WG2789445
1,2-Dibromoethane	ND		0.00361	1	07/10/2026 03:58	WG2789445
Dibromomethane	ND		0.00723	1	07/10/2026 03:58	WG2789445
1,2-Dichlorobenzene	ND		0.00723	1	07/10/2026 03:58	WG2789445
1,3-Dichlorobenzene	ND		0.00723	1	07/10/2026 03:58	WG2789445
1,4-Dichlorobenzene	ND		0.00723	1	07/10/2026 03:58	WG2789445
Dichlorodifluoromethane	ND		0.00723	1	07/10/2026 03:58	WG2789445
1,1-Dichloroethane	ND		0.00361	1	07/10/2026 03:58	WG2789445
1,2-Dichloroethane	ND		0.00361	1	07/10/2026 03:58	WG2789445
1,1-Dichloroethene	ND		0.00361	1	07/10/2026 03:58	WG2789445
cis-1,2-Dichloroethene	ND		0.00361	1	07/10/2026 03:58	WG2789445
trans-1,2-Dichloroethene	ND		0.00723	1	07/10/2026 03:58	WG2789445
1,2-Dichloropropane	ND		0.00723	1	07/10/2026 03:58	WG2789445
1,1-Dichloropropene	ND		0.00723	1	07/10/2026 03:58	WG2789445
1,3-Dichloropropane	ND		0.00723	1	07/10/2026 03:58	WG2789445
cis-1,3-Dichloropropene	ND		0.00361	1	07/10/2026 03:58	WG2789445
trans-1,3-Dichloropropene	ND		0.00723	1	07/10/2026 03:58	WG2789445
2,2-Dichloropropane	ND		0.00361	1	07/10/2026 03:58	WG2789445
Di-isopropyl ether	ND		0.00145	1	07/10/2026 03:58	WG2789445
Ethylbenzene	ND		0.00361	1	07/10/2026 03:58	WG2789445
Hexachloro-1,3-butadiene	ND		0.0361	1	07/10/2026 03:58	WG2789445
Isopropylbenzene	ND		0.00361	1	07/10/2026 03:58	WG2789445
p-Isopropyltoluene	0.0213		0.00723	1	07/10/2026 03:58	WG2789445
2-Butanone (MEK)	ND		0.145	1	07/10/2026 03:58	WG2789445
Methylene Chloride	ND		0.0361	1	07/10/2026 03:58	WG2789445
4-Methyl-2-pentanone (MIBK)	ND		0.0361	1	07/10/2026 03:58	WG2789445
Methyl tert-butyl ether	ND		0.00145	1	07/10/2026 03:58	WG2789445
Naphthalene	ND	C3	0.0181	1	07/10/2026 03:58	WG2789445
n-Propylbenzene	ND		0.00723	1	07/10/2026 03:58	WG2789445
Styrene	ND		0.0181	1	07/10/2026 03:58	WG2789445
1,1,1,2-Tetrachloroethane	ND		0.00361	1	07/10/2026 03:58	WG2789445
1,1,2,2-Tetrachloroethane	ND		0.00361	1	07/10/2026 03:58	WG2789445

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.00723	1	07/10/2026 03:58	WG2789445
Tetrachloroethene	ND		0.00361	1	07/10/2026 03:58	WG2789445
Toluene	0.0117		0.00723	1	07/10/2026 03:58	WG2789445
1,2,3-Trichlorobenzene	ND		0.0181	1	07/10/2026 03:58	WG2789445
1,2,4-Trichlorobenzene	ND		0.0181	1	07/10/2026 03:58	WG2789445
1,1,1-Trichloroethane	ND		0.00361	1	07/10/2026 03:58	WG2789445
1,1,2-Trichloroethane	ND		0.00361	1	07/10/2026 03:58	WG2789445
Trichloroethene	ND		0.00145	1	07/10/2026 03:58	WG2789445
Trichlorofluoromethane	ND		0.00578	1	07/10/2026 03:58	WG2789445
1,2,3-Trichloropropane	ND		0.0181	1	07/10/2026 03:58	WG2789445
1,2,4-Trimethylbenzene	ND		0.00723	1	07/10/2026 03:58	WG2789445
1,2,3-Trimethylbenzene	ND		0.00723	1	07/10/2026 03:58	WG2789445
1,3,5-Trimethylbenzene	ND		0.00723	1	07/10/2026 03:58	WG2789445
Vinyl chloride	ND		0.00361	1	07/10/2026 03:58	WG2789445
Xylenes, Total	ND		0.00940	1	07/10/2026 03:58	WG2789445
(S) Toluene-d8	*103*		*75.0-131*		*07/10/2026 03:58*	WG2789445
(S) 4-Bromofluorobenzene	*99.7*		*67.0-138*		*07/10/2026 03:58*	WG2789445
(S) 1,2-Dichloroethane-d4	*97.5*		*70.0-130*		*07/10/2026 03:58*	WG2789445

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	79.7		1	07/08/2026 04:50	WG2788725

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

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.158	1	07/10/2026 04:17	WG2789445
Acrylonitrile	ND		0.0197	1	07/10/2026 04:17	WG2789445
Benzene	ND		0.00158	1	07/10/2026 04:17	WG2789445
Bromobenzene	ND		0.0197	1	07/10/2026 04:17	WG2789445
Bromodichloromethane	ND		0.00394	1	07/10/2026 04:17	WG2789445
Bromoform	ND		0.0394	1	07/10/2026 04:17	WG2789445
Bromomethane	ND		0.0197	1	07/10/2026 04:17	WG2789445
n-Butylbenzene	ND		0.0197	1	07/10/2026 04:17	WG2789445
sec-Butylbenzene	ND		0.0197	1	07/10/2026 04:17	WG2789445
tert-Butylbenzene	ND		0.00788	1	07/10/2026 04:17	WG2789445
Carbon tetrachloride	ND		0.00788	1	07/10/2026 04:17	WG2789445
Chlorobenzene	ND		0.00394	1	07/10/2026 04:17	WG2789445
Chlorodibromomethane	ND		0.00394	1	07/10/2026 04:17	WG2789445
Chloroethane	ND		0.0158	1	07/10/2026 04:17	WG2789445
Chloroform	ND		0.00394	1	07/10/2026 04:17	WG2789445
Chloromethane	ND		0.0197	1	07/10/2026 04:17	WG2789445
2-Chlorotoluene	ND		0.00394	1	07/10/2026 04:17	WG2789445
4-Chlorotoluene	ND		0.00788	1	07/10/2026 04:17	WG2789445
1,2-Dibromo-3-Chloropropane	ND		0.0394	1	07/10/2026 04:17	WG2789445
1,2-Dibromoethane	ND		0.00394	1	07/10/2026 04:17	WG2789445
Dibromomethane	ND		0.00788	1	07/10/2026 04:17	WG2789445
1,2-Dichlorobenzene	ND		0.00788	1	07/10/2026 04:17	WG2789445
1,3-Dichlorobenzene	ND		0.00788	1	07/10/2026 04:17	WG2789445
1,4-Dichlorobenzene	ND		0.00788	1	07/10/2026 04:17	WG2789445
Dichlorodifluoromethane	ND		0.00788	1	07/10/2026 04:17	WG2789445
1,1-Dichloroethane	ND		0.00394	1	07/10/2026 04:17	WG2789445
1,2-Dichloroethane	ND		0.00394	1	07/10/2026 04:17	WG2789445
1,1-Dichloroethene	ND		0.00394	1	07/10/2026 04:17	WG2789445
cis-1,2-Dichloroethene	ND		0.00394	1	07/10/2026 04:17	WG2789445
trans-1,2-Dichloroethene	ND		0.00788	1	07/10/2026 04:17	WG2789445
1,2-Dichloropropane	ND		0.00788	1	07/10/2026 04:17	WG2789445
1,1-Dichloropropene	ND		0.00788	1	07/10/2026 04:17	WG2789445
1,3-Dichloropropane	ND		0.00788	1	07/10/2026 04:17	WG2789445
cis-1,3-Dichloropropene	ND		0.00394	1	07/10/2026 04:17	WG2789445
trans-1,3-Dichloropropene	ND		0.00788	1	07/10/2026 04:17	WG2789445
2,2-Dichloropropane	ND		0.00394	1	07/10/2026 04:17	WG2789445
Di-isopropyl ether	ND		0.00158	1	07/10/2026 04:17	WG2789445
Ethylbenzene	ND		0.00394	1	07/10/2026 04:17	WG2789445
Hexachloro-1,3-butadiene	ND		0.0394	1	07/10/2026 04:17	WG2789445
Isopropylbenzene	ND		0.00394	1	07/10/2026 04:17	WG2789445
p-Isopropyltoluene	ND		0.00788	1	07/10/2026 04:17	WG2789445
2-Butanone (MEK)	ND		0.158	1	07/10/2026 04:17	WG2789445
Methylene Chloride	ND		0.0394	1	07/10/2026 04:17	WG2789445
4-Methyl-2-pentanone (MIBK)	ND		0.0394	1	07/10/2026 04:17	WG2789445
Methyl tert-butyl ether	ND		0.00158	1	07/10/2026 04:17	WG2789445
Naphthalene	ND	C3	0.0197	1	07/10/2026 04:17	WG2789445
n-Propylbenzene	ND		0.00788	1	07/10/2026 04:17	WG2789445
Styrene	ND		0.0197	1	07/10/2026 04:17	WG2789445
1,1,1,2-Tetrachloroethane	ND		0.00394	1	07/10/2026 04:17	WG2789445
1,1,2,2-Tetrachloroethane	ND		0.00394	1	07/10/2026 04:17	WG2789445

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.00788	1	07/10/2026 04:17	WG2789445
Tetrachloroethene	ND		0.00394	1	07/10/2026 04:17	WG2789445
Toluene	ND		0.00788	1	07/10/2026 04:17	WG2789445
1,2,3-Trichlorobenzene	ND		0.0197	1	07/10/2026 04:17	WG2789445
1,2,4-Trichlorobenzene	ND		0.0197	1	07/10/2026 04:17	WG2789445
1,1,1-Trichloroethane	ND		0.00394	1	07/10/2026 04:17	WG2789445
1,1,2-Trichloroethane	ND		0.00394	1	07/10/2026 04:17	WG2789445
Trichloroethene	ND		0.00158	1	07/10/2026 04:17	WG2789445
Trichlorofluoromethane	ND		0.00630	1	07/10/2026 04:17	WG2789445
1,2,3-Trichloropropane	ND		0.0197	1	07/10/2026 04:17	WG2789445
1,2,4-Trimethylbenzene	ND		0.00788	1	07/10/2026 04:17	WG2789445
1,2,3-Trimethylbenzene	ND		0.00788	1	07/10/2026 04:17	WG2789445
1,3,5-Trimethylbenzene	ND		0.00788	1	07/10/2026 04:17	WG2789445
Vinyl chloride	ND		0.00394	1	07/10/2026 04:17	WG2789445
Xylenes, Total	ND		0.0102	1	07/10/2026 04:17	WG2789445
(S) Toluene-d8	*102*		*75.0-131*		*07/10/2026 04:17*	WG2789445
(S) 4-Bromofluorobenzene	*99.1*		*67.0-138*		*07/10/2026 04:17*	WG2789445
(S) 1,2-Dichloroethane-d4	*94.8*		*70.0-130*		*07/10/2026 04:17*	WG2789445

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.3		1	07/08/2026 07:40	WG2788726

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

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.143	1	07/10/2026 04:37	WG2789445
Acrylonitrile	ND		0.0179	1	07/10/2026 04:37	WG2789445
Benzene	ND		0.00143	1	07/10/2026 04:37	WG2789445
Bromobenzene	ND		0.0179	1	07/10/2026 04:37	WG2789445
Bromodichloromethane	ND		0.00359	1	07/10/2026 04:37	WG2789445
Bromoform	ND		0.0359	1	07/10/2026 04:37	WG2789445
Bromomethane	ND		0.0179	1	07/10/2026 04:37	WG2789445
n-Butylbenzene	ND		0.0179	1	07/10/2026 04:37	WG2789445
sec-Butylbenzene	ND		0.0179	1	07/10/2026 04:37	WG2789445
tert-Butylbenzene	ND		0.00717	1	07/10/2026 04:37	WG2789445
Carbon tetrachloride	ND		0.00717	1	07/10/2026 04:37	WG2789445
Chlorobenzene	ND		0.00359	1	07/10/2026 04:37	WG2789445
Chlorodibromomethane	ND		0.00359	1	07/10/2026 04:37	WG2789445
Chloroethane	ND		0.0143	1	07/10/2026 04:37	WG2789445
Chloroform	ND		0.00359	1	07/10/2026 04:37	WG2789445
Chloromethane	ND		0.0179	1	07/10/2026 04:37	WG2789445
2-Chlorotoluene	ND		0.00359	1	07/10/2026 04:37	WG2789445
4-Chlorotoluene	ND		0.00717	1	07/10/2026 04:37	WG2789445
1,2-Dibromo-3-Chloropropane	ND		0.0359	1	07/10/2026 04:37	WG2789445
1,2-Dibromoethane	ND		0.00359	1	07/10/2026 04:37	WG2789445
Dibromomethane	ND		0.00717	1	07/10/2026 04:37	WG2789445
1,2-Dichlorobenzene	ND		0.00717	1	07/10/2026 04:37	WG2789445
1,3-Dichlorobenzene	ND		0.00717	1	07/10/2026 04:37	WG2789445
1,4-Dichlorobenzene	ND		0.00717	1	07/10/2026 04:37	WG2789445
Dichlorodifluoromethane	ND		0.00717	1	07/10/2026 04:37	WG2789445
1,1-Dichloroethane	ND		0.00359	1	07/10/2026 04:37	WG2789445
1,2-Dichloroethane	ND		0.00359	1	07/10/2026 04:37	WG2789445
1,1-Dichloroethene	ND		0.00359	1	07/10/2026 04:37	WG2789445
cis-1,2-Dichloroethene	ND		0.00359	1	07/10/2026 04:37	WG2789445
trans-1,2-Dichloroethene	ND		0.00717	1	07/10/2026 04:37	WG2789445
1,2-Dichloropropane	ND		0.00717	1	07/10/2026 04:37	WG2789445
1,1-Dichloropropene	ND		0.00717	1	07/10/2026 04:37	WG2789445
1,3-Dichloropropane	ND		0.00717	1	07/10/2026 04:37	WG2789445
cis-1,3-Dichloropropene	ND		0.00359	1	07/10/2026 04:37	WG2789445
trans-1,3-Dichloropropene	ND		0.00717	1	07/10/2026 04:37	WG2789445
2,2-Dichloropropane	ND		0.00359	1	07/10/2026 04:37	WG2789445
Di-isopropyl ether	ND		0.00143	1	07/10/2026 04:37	WG2789445
Ethylbenzene	ND		0.00359	1	07/10/2026 04:37	WG2789445
Hexachloro-1,3-butadiene	ND		0.0359	1	07/10/2026 04:37	WG2789445
Isopropylbenzene	ND		0.00359	1	07/10/2026 04:37	WG2789445
p-Isopropyltoluene	ND		0.00717	1	07/10/2026 04:37	WG2789445
2-Butanone (MEK)	ND		0.143	1	07/10/2026 04:37	WG2789445
Methylene Chloride	ND		0.0359	1	07/10/2026 04:37	WG2789445
4-Methyl-2-pentanone (MIBK)	ND		0.0359	1	07/10/2026 04:37	WG2789445
Methyl tert-butyl ether	ND		0.00143	1	07/10/2026 04:37	WG2789445
Naphthalene	ND	C3	0.0179	1	07/10/2026 04:37	WG2789445
n-Propylbenzene	ND		0.00717	1	07/10/2026 04:37	WG2789445
Styrene	ND		0.0179	1	07/10/2026 04:37	WG2789445
1,1,1,2-Tetrachloroethane	ND		0.00359	1	07/10/2026 04:37	WG2789445
1,1,2,2-Tetrachloroethane	ND		0.00359	1	07/10/2026 04:37	WG2789445

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.00717	1	07/10/2026 04:37	WG2789445
Tetrachloroethene	ND		0.00359	1	07/10/2026 04:37	WG2789445
Toluene	ND		0.00717	1	07/10/2026 04:37	WG2789445
1,2,3-Trichlorobenzene	ND		0.0179	1	07/10/2026 04:37	WG2789445
1,2,4-Trichlorobenzene	ND		0.0179	1	07/10/2026 04:37	WG2789445
1,1,1-Trichloroethane	ND		0.00359	1	07/10/2026 04:37	WG2789445
1,1,2-Trichloroethane	ND		0.00359	1	07/10/2026 04:37	WG2789445
Trichloroethene	ND		0.00143	1	07/10/2026 04:37	WG2789445
Trichlorofluoromethane	ND		0.00574	1	07/10/2026 04:37	WG2789445
1,2,3-Trichloropropane	ND		0.0179	1	07/10/2026 04:37	WG2789445
1,2,4-Trimethylbenzene	ND		0.00717	1	07/10/2026 04:37	WG2789445
1,2,3-Trimethylbenzene	ND		0.00717	1	07/10/2026 04:37	WG2789445
1,3,5-Trimethylbenzene	ND		0.00717	1	07/10/2026 04:37	WG2789445
Vinyl chloride	ND		0.00359	1	07/10/2026 04:37	WG2789445
Xylenes, Total	ND		0.00932	1	07/10/2026 04:37	WG2789445
(S) Toluene-d8	*101*		*75.0-131*		*07/10/2026 04:37*	WG2789445
(S) 4-Bromofluorobenzene	*99.2*		*67.0-138*		*07/10/2026 04:37*	WG2789445
(S) 1,2-Dichloroethane-d4	*97.8*		*70.0-130*		*07/10/2026 04:37*	WG2789445

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.4		1	07/08/2026 07:40	WG2788726

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

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.151	1	07/10/2026 04:56	WG2789445
Acrylonitrile	ND		0.0188	1	07/10/2026 04:56	WG2789445
Benzene	ND		0.00151	1	07/10/2026 04:56	WG2789445
Bromobenzene	ND		0.0188	1	07/10/2026 04:56	WG2789445
Bromodichloromethane	ND		0.00377	1	07/10/2026 04:56	WG2789445
Bromoform	ND		0.0377	1	07/10/2026 04:56	WG2789445
Bromomethane	ND		0.0188	1	07/10/2026 04:56	WG2789445
n-Butylbenzene	ND		0.0188	1	07/10/2026 04:56	WG2789445
sec-Butylbenzene	ND		0.0188	1	07/10/2026 04:56	WG2789445
tert-Butylbenzene	ND		0.00753	1	07/10/2026 04:56	WG2789445
Carbon tetrachloride	ND		0.00753	1	07/10/2026 04:56	WG2789445
Chlorobenzene	ND		0.00377	1	07/10/2026 04:56	WG2789445
Chlorodibromomethane	ND		0.00377	1	07/10/2026 04:56	WG2789445
Chloroethane	ND		0.0151	1	07/10/2026 04:56	WG2789445
Chloroform	ND		0.00377	1	07/10/2026 04:56	WG2789445
Chloromethane	ND		0.0188	1	07/10/2026 04:56	WG2789445
2-Chlorotoluene	ND		0.00377	1	07/10/2026 04:56	WG2789445
4-Chlorotoluene	ND		0.00753	1	07/10/2026 04:56	WG2789445
1,2-Dibromo-3-Chloropropane	ND		0.0377	1	07/10/2026 04:56	WG2789445
1,2-Dibromoethane	ND		0.00377	1	07/10/2026 04:56	WG2789445
Dibromomethane	ND		0.00753	1	07/10/2026 04:56	WG2789445
1,2-Dichlorobenzene	ND		0.00753	1	07/10/2026 04:56	WG2789445
1,3-Dichlorobenzene	ND		0.00753	1	07/10/2026 04:56	WG2789445
1,4-Dichlorobenzene	ND		0.00753	1	07/10/2026 04:56	WG2789445
Dichlorodifluoromethane	ND		0.00753	1	07/10/2026 04:56	WG2789445
1,1-Dichloroethane	ND		0.00377	1	07/10/2026 04:56	WG2789445
1,2-Dichloroethane	ND		0.00377	1	07/10/2026 04:56	WG2789445
1,1-Dichloroethene	ND		0.00377	1	07/10/2026 04:56	WG2789445
cis-1,2-Dichloroethene	ND		0.00377	1	07/10/2026 04:56	WG2789445
trans-1,2-Dichloroethene	ND		0.00753	1	07/10/2026 04:56	WG2789445
1,2-Dichloropropane	ND		0.00753	1	07/10/2026 04:56	WG2789445
1,1-Dichloropropene	ND		0.00753	1	07/10/2026 04:56	WG2789445
1,3-Dichloropropane	ND		0.00753	1	07/10/2026 04:56	WG2789445
cis-1,3-Dichloropropene	ND		0.00377	1	07/10/2026 04:56	WG2789445
trans-1,3-Dichloropropene	ND		0.00753	1	07/10/2026 04:56	WG2789445
2,2-Dichloropropane	ND		0.00377	1	07/10/2026 04:56	WG2789445
Di-isopropyl ether	ND		0.00151	1	07/10/2026 04:56	WG2789445
Ethylbenzene	ND		0.00377	1	07/10/2026 04:56	WG2789445
Hexachloro-1,3-butadiene	ND		0.0377	1	07/10/2026 04:56	WG2789445
Isopropylbenzene	ND		0.00377	1	07/10/2026 04:56	WG2789445
p-Isopropyltoluene	ND		0.00753	1	07/10/2026 04:56	WG2789445
2-Butanone (MEK)	ND		0.151	1	07/10/2026 04:56	WG2789445
Methylene Chloride	ND		0.0377	1	07/10/2026 04:56	WG2789445
4-Methyl-2-pentanone (MIBK)	ND		0.0377	1	07/10/2026 04:56	WG2789445
Methyl tert-butyl ether	ND		0.00151	1	07/10/2026 04:56	WG2789445
Naphthalene	ND	C3	0.0188	1	07/10/2026 04:56	WG2789445
n-Propylbenzene	ND		0.00753	1	07/10/2026 04:56	WG2789445
Styrene	ND		0.0188	1	07/10/2026 04:56	WG2789445
1,1,1,2-Tetrachloroethane	ND		0.00377	1	07/10/2026 04:56	WG2789445
1,1,2,2-Tetrachloroethane	ND		0.00377	1	07/10/2026 04:56	WG2789445

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.00753	1	07/10/2026 04:56	WG2789445
Tetrachloroethene	ND		0.00377	1	07/10/2026 04:56	WG2789445
Toluene	ND		0.00753	1	07/10/2026 04:56	WG2789445
1,2,3-Trichlorobenzene	ND		0.0188	1	07/10/2026 04:56	WG2789445
1,2,4-Trichlorobenzene	ND		0.0188	1	07/10/2026 04:56	WG2789445
1,1,1-Trichloroethane	ND		0.00377	1	07/10/2026 04:56	WG2789445
1,1,2-Trichloroethane	ND		0.00377	1	07/10/2026 04:56	WG2789445
Trichloroethene	ND		0.00151	1	07/10/2026 04:56	WG2789445
Trichlorofluoromethane	ND		0.00603	1	07/10/2026 04:56	WG2789445
1,2,3-Trichloropropane	ND		0.0188	1	07/10/2026 04:56	WG2789445
1,2,4-Trimethylbenzene	ND		0.00753	1	07/10/2026 04:56	WG2789445
1,2,3-Trimethylbenzene	ND		0.00753	1	07/10/2026 04:56	WG2789445
1,3,5-Trimethylbenzene	ND		0.00753	1	07/10/2026 04:56	WG2789445
Vinyl chloride	ND		0.00377	1	07/10/2026 04:56	WG2789445
Xylenes, Total	ND		0.00979	1	07/10/2026 04:56	WG2789445
(S) Toluene-d8	*103*		*75.0-131*		*07/10/2026 04:56*	WG2789445
(S) 4-Bromofluorobenzene	*98.2*		*67.0-138*		*07/10/2026 04:56*	WG2789445
(S) 1,2-Dichloroethane-d4	*95.9*		*70.0-130*		*07/10/2026 04:56*	WG2789445

Method Blank (MB)

(MB) R4397190-1 07/08/26 04:50

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	%		%	%
Total Solids	0.000			

L1992228-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1992228-05 07/08/26 04:50 • (DUP) R4397190-3 07/08/26 04:50

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	%	%		%		%
Total Solids	87.2	87.5	1	0.246		5

Laboratory Control Sample (LCS)

(LCS) R4397190-2 07/08/26 04:50

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	%	%	%	%	
Total Solids	50.0	50.0	100	90.0-110	

Method Blank (MB)

(MB) R4397248-1 07/08/26 07:40

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000			

L1992234-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1992234-02 07/08/26 07:40 • (DUP) R4397248-3 07/08/26 07:40

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	81.4	81.3	1	0.117		5

Laboratory Control Sample (LCS)

(LCS) R4397248-2 07/08/26 07:40

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	90.0-110	

Method Blank (MB)

(MB) R4398120-3 07/10/26 00:47

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0697	0.100
Acrylonitrile	U		0.00803	0.0125
Benzene	U		0.000711	0.00100
Bromobenzene	U		0.00390	0.0125
Bromodichloromethane	U		0.00117	0.00250
Bromoform	U		0.00992	0.0250
Bromomethane	U		0.0101	0.0125
n-Butylbenzene	U		0.00625	0.0125
sec-Butylbenzene	U		0.00383	0.0125
tert-Butylbenzene	U		0.00189	0.00500
Carbon tetrachloride	U		0.00301	0.00500
Chlorobenzene	U		0.000858	0.00250
Chlorodibromomethane	U		0.00161	0.00250
Chloroethane	U		0.00569	0.0100
Chloroform	0.00253		0.00162	0.00250
Chloromethane	U		0.00850	0.0125
2-Chlorotoluene	U		0.00129	0.00250
4-Chlorotoluene	U		0.00154	0.00500
1,2-Dibromo-3-Chloropropane	U		0.0107	0.0250
1,2-Dibromoethane	U		0.00126	0.00250
Dibromomethane	U		0.00178	0.00500
1,2-Dichlorobenzene	U		0.00156	0.00500
1,3-Dichlorobenzene	U		0.00165	0.00500
1,4-Dichlorobenzene	U		0.00175	0.00500
Dichlorodifluoromethane	U		0.00435	0.00500
1,1-Dichloroethane	U		0.00101	0.00250
1,2-Dichloroethane	U		0.00146	0.00250
1,1-Dichloroethene	U		0.00153	0.00250
cis-1,2-Dichloroethene	U		0.00129	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00192	0.00500
1,1-Dichloropropene	U		0.00138	0.00500
1,3-Dichloropropane	U		0.00162	0.00500
cis-1,3-Dichloropropene	U		0.00105	0.00250
trans-1,3-Dichloropropene	U		0.00105	0.00500
2,2-Dichloropropane	U		0.00202	0.00250
Di-isopropyl ether	U		0.000769	0.00100
Ethylbenzene	U		0.000987	0.00250
Hexachloro-1,3-butadiene	U		0.0104	0.0250
Isopropylbenzene	U		0.00101	0.00250

Method Blank (MB)

(MB) R4398120-3 07/10/26 00:47

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00213	0.00500
2-Butanone (MEK)	U		0.0887	0.100
Methylene Chloride	U		0.0110	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00992	0.0250
Methyl tert-butyl ether	U		0.000773	0.00100
Naphthalene	0.00818	J	0.00763	0.0125
n-Propylbenzene	U		0.00169	0.00500
Styrene	U		0.00445	0.0125
1,1,1,2-Tetrachloroethane	U		0.00130	0.00250
1,1,2,2-Tetrachloroethane	U		0.00116	0.00250
1,1,2-Trichlorotrifluoroethane	U		0.00281	0.00500
Tetrachloroethene	U		0.00152	0.00250
Toluene	U		0.00289	0.00500
1,2,3-Trichlorobenzene	U		0.00699	0.0125
1,2,4-Trichlorobenzene	U		0.00542	0.0125
1,1,1-Trichloroethane	U		0.00145	0.00250
1,1,2-Trichloroethane	U		0.00134	0.00250
Trichloroethene	U		0.000891	0.00100
Trichlorofluoromethane	U		0.00261	0.00400
1,2,3-Trichloropropane	U		0.00612	0.0125
1,2,4-Trimethylbenzene	U		0.00238	0.00500
1,2,3-Trimethylbenzene	U		0.00182	0.00500
1,3,5-Trimethylbenzene	U		0.00228	0.00500
Vinyl chloride	U		0.00201	0.00250
Xylenes, Total	U		0.00280	0.00650
(S) Toluene-d8	*101*			*75.0-131*
(S) 4-Bromofluorobenzene	*101*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*96.6*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4398120-1 07/09/26 23:10 • (LCSD) R4398120-2 07/09/26 23:29

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	1.25	0.861	0.924	68.9	73.9	10.0-160			7.06	31
Acrylonitrile	1.25	1.17	1.28	93.6	102	45.0-153			8.98	22
Benzene	0.250	0.234	0.240	93.6	96.0	70.0-123			2.53	20
Bromobenzene	0.250	0.236	0.246	94.4	98.4	73.0-121			4.15	20
Bromodichloromethane	0.250	0.244	0.252	97.6	101	73.0-121			3.23	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4398120-1 07/09/26 23:10 • (LCSD) R4398120-2 07/09/26 23:29

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromoform	0.250	0.217	0.234	86.8	93.6	64.0-132			7.54	20
Bromomethane	0.250	0.218	0.233	87.2	93.2	56.0-147			6.65	20
n-Butylbenzene	0.250	0.240	0.244	96.0	97.6	68.0-135			1.65	20
sec-Butylbenzene	0.250	0.250	0.255	100	102	74.0-130			1.98	20
tert-Butylbenzene	0.250	0.250	0.253	100	101	75.0-127			1.19	20
Carbon tetrachloride	0.250	0.235	0.255	94.0	102	66.0-128			8.16	20
Chlorobenzene	0.250	0.233	0.245	93.2	98.0	76.0-128			5.02	20
Chlorodibromomethane	0.250	0.237	0.251	94.8	100	74.0-127			5.74	20
Chloroethane	0.250	0.213	0.226	85.2	90.4	61.0-134			5.92	20
Chloroform	0.250	0.242	0.257	96.8	103	72.0-123			6.01	20
Chloromethane	0.250	0.211	0.227	84.4	90.8	51.0-138			7.31	20
2-Chlorotoluene	0.250	0.242	0.247	96.8	98.8	75.0-124			2.04	20
4-Chlorotoluene	0.250	0.236	0.241	94.4	96.4	75.0-124			2.10	20
1,2-Dibromo-3-Chloropropane	0.250	0.224	0.227	89.6	90.8	59.0-130			1.33	20
1,2-Dibromoethane	0.250	0.229	0.251	91.6	100	74.0-128			9.17	20
Dibromomethane	0.250	0.242	0.243	96.8	97.2	75.0-122			0.412	20
1,2-Dichlorobenzene	0.250	0.237	0.249	94.8	99.6	76.0-124			4.94	20
1,3-Dichlorobenzene	0.250	0.235	0.243	94.0	97.2	76.0-125			3.35	20
1,4-Dichlorobenzene	0.250	0.218	0.224	87.2	89.6	77.0-121			2.71	20
Dichlorodifluoromethane	0.250	0.223	0.243	89.2	97.2	43.0-156			8.58	20
1,1-Dichloroethane	0.250	0.238	0.253	95.2	101	70.0-127			6.11	20
1,2-Dichloroethane	0.250	0.239	0.242	95.6	96.8	65.0-131			1.25	20
1,1-Dichloroethene	0.250	0.242	0.256	96.8	102	65.0-131			5.62	20
cis-1,2-Dichloroethene	0.250	0.235	0.250	94.0	100	73.0-125			6.19	20
trans-1,2-Dichloroethene	0.250	0.248	0.267	99.2	107	71.0-125			7.38	20
1,2-Dichloropropane	0.250	0.242	0.255	96.8	102	74.0-125			5.23	20
1,1-Dichloropropene	0.250	0.241	0.258	96.4	103	73.0-125			6.81	20
1,3-Dichloropropane	0.250	0.237	0.250	94.8	100	80.0-125			5.34	20
cis-1,3-Dichloropropene	0.250	0.248	0.251	99.2	100	76.0-127			1.20	20
trans-1,3-Dichloropropene	0.250	0.243	0.255	97.2	102	73.0-127			4.82	20
2,2-Dichloropropane	0.250	0.225	0.238	90.0	95.2	59.0-135			5.62	20
Di-isopropyl ether	0.250	0.242	0.258	96.8	103	60.0-136			6.40	20
Ethylbenzene	0.250	0.237	0.254	94.8	102	74.0-126			6.92	20
Hexachloro-1,3-butadiene	0.250	0.242	0.247	96.8	98.8	57.0-150			2.04	20
Isopropylbenzene	0.250	0.246	0.267	98.4	107	72.0-127			8.19	20
p-Isopropyltoluene	0.250	0.248	0.256	99.2	102	72.0-133			3.17	20
2-Butanone (MEK)	1.25	1.22	1.31	97.6	105	30.0-160			7.11	24
Methylene Chloride	0.250	0.225	0.242	90.0	96.8	68.0-123			7.28	20
4-Methyl-2-pentanone (MIBK)	1.25	1.15	1.22	92.0	97.6	56.0-143			5.91	20
Methyl tert-butyl ether	0.250	0.250	0.269	100	108	66.0-132			7.32	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4398120-1 07/09/26 23:10 • (LCSD) R4398120-2 07/09/26 23:29

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Naphthalene	0.250	0.189	0.206	75.6	82.4	59.0-130			8.61	20
n-Propylbenzene	0.250	0.242	0.245	96.8	98.0	74.0-126			1.23	20
Styrene	0.250	0.243	0.263	97.2	105	72.0-127			7.91	20
1,1,1,2-Tetrachloroethane	0.250	0.240	0.261	96.0	104	74.0-129			8.38	20
1,1,2,2-Tetrachloroethane	0.250	0.205	0.219	82.0	87.6	68.0-128			6.60	20
1,1,2-Trichlorotrifluoroethane	0.250	0.231	0.244	92.4	97.6	61.0-139			5.47	20
Tetrachloroethene	0.250	0.247	0.260	98.8	104	70.0-136			5.13	20
Toluene	0.250	0.226	0.237	90.4	94.8	75.0-121			4.75	20
1,2,3-Trichlorobenzene	0.250	0.222	0.243	88.8	97.2	59.0-139			9.03	20
1,2,4-Trichlorobenzene	0.250	0.236	0.251	94.4	100	62.0-137			6.16	20
1,1,1-Trichloroethane	0.250	0.291	0.305	116	122	69.0-126			4.70	20
1,1,2-Trichloroethane	0.250	0.232	0.243	92.8	97.2	78.0-123			4.63	20
Trichloroethene	0.250	0.264	0.265	106	106	76.0-126			0.378	20
Trichlorofluoromethane	0.250	0.221	0.235	88.4	94.0	61.0-142			6.14	20
1,2,3-Trichloropropane	0.250	0.242	0.252	96.8	101	67.0-129			4.05	20
1,2,4-Trimethylbenzene	0.250	0.247	0.251	98.8	100	70.0-126			1.61	20
1,2,3-Trimethylbenzene	0.250	0.229	0.242	91.6	96.8	74.0-124			5.52	20
1,3,5-Trimethylbenzene	0.250	0.245	0.255	98.0	102	73.0-127			4.00	20
Vinyl chloride	0.250	0.234	0.245	93.6	98.0	63.0-134			4.59	20
Xylenes, Total	0.750	0.716	0.763	95.5	102	72.0-127			6.36	20
(S) Toluene-d8				*98.9*	*99.9*	*75.0-131*				
(S) 4-Bromofluorobenzene				*97.1*	*100*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*104*	*104*	*70.0-130*				

L1992230-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1992230-08 07/10/26 04:56 • (MS) R4398120-4 07/10/26 09:50 • (MSD) R4398120-5 07/10/26 10:09

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	1.55	ND	0.704	0.729	45.3	47.0	1	10.0-160			3.58	40
Acrylonitrile	1.55	ND	1.60	1.57	103	101	1	10.0-160			1.90	40
Benzene	0.309	ND	0.350	0.345	113	112	1	10.0-149			1.30	37
Bromobenzene	0.309	ND	0.372	0.357	120	116	1	10.0-156			4.13	38
Bromodichloromethane	0.309	ND	0.354	0.347	115	112	1	10.0-143			2.15	37
Bromoform	0.309	ND	0.319	0.304	103	98.5	1	10.0-146			4.83	36
Bromomethane	0.309	ND	0.243	0.231	78.5	74.6	1	10.0-149			5.10	38
n-Butylbenzene	0.309	ND	0.360	0.332	117	107	1	10.0-160			8.28	40
sec-Butylbenzene	0.309	ND	0.387	0.368	125	119	1	10.0-159			5.19	39
tert-Butylbenzene	0.309	ND	0.392	0.374	127	121	1	10.0-156			4.72	39

L1992230-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1992230-08 07/10/26 04:56 • (MS) R4398120-4 07/10/26 09:50 • (MSD) R4398120-5 07/10/26 10:09

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Carbon tetrachloride	0.309	ND	0.362	0.368	117	119	1	10.0-145			1.65	37
Chlorobenzene	0.309	ND	0.366	0.347	119	112	1	10.0-152			5.50	39
Chlorodibromomethane	0.309	ND	0.354	0.339	115	110	1	10.0-146			4.35	37
Chloroethane	0.309	ND	0.196	0.181	63.4	58.5	1	10.0-146			8.00	40
Chloroform	0.309	ND	0.347	0.347	112	112	1	10.0-146			0.000	37
Chloromethane	0.309	ND	0.360	0.353	117	114	1	10.0-159			2.11	37
2-Chlorotoluene	0.309	ND	0.375	0.363	121	118	1	10.0-159			3.27	38
4-Chlorotoluene	0.309	ND	0.362	0.347	117	112	1	10.0-155			4.26	39
1,2-Dibromo-3-Chloropropane	0.309	ND	0.300	0.289	97.1	93.7	1	10.0-151			3.58	39
1,2-Dibromoethane	0.309	ND	0.344	0.332	111	107	1	10.0-148			3.57	34
Dibromomethane	0.309	ND	0.339	0.333	110	108	1	10.0-147			1.79	35
1,2-Dichlorobenzene	0.309	ND	0.362	0.338	117	109	1	10.0-155			6.90	37
1,3-Dichlorobenzene	0.309	ND	0.363	0.344	118	111	1	10.0-153			5.54	38
1,4-Dichlorobenzene	0.309	ND	0.324	0.304	105	98.5	1	10.0-151			6.24	38
Dichlorodifluoromethane	0.309	ND	0.380	0.338	123	109	1	10.0-160			11.8	35
1,1-Dichloroethane	0.309	ND	0.377	0.356	122	115	1	10.0-147			5.76	37
1,2-Dichloroethane	0.309	ND	0.315	0.327	102	106	1	10.0-148			3.76	35
1,1-Dichloroethene	0.309	ND	0.366	0.354	119	115	1	10.0-155			3.35	37
cis-1,2-Dichloroethene	0.309	ND	0.345	0.330	112	107	1	10.0-149			4.46	37
trans-1,2-Dichloroethene	0.309	ND	0.369	0.353	120	114	1	10.0-150			4.59	37
1,2-Dichloropropane	0.309	ND	0.360	0.351	117	114	1	10.0-148			2.54	37
1,1-Dichloropropene	0.309	ND	0.408	0.389	132	126	1	10.0-153			4.91	35
1,3-Dichloropropane	0.309	ND	0.350	0.341	113	110	1	10.0-154			2.62	35
cis-1,3-Dichloropropene	0.309	ND	0.363	0.357	118	116	1	10.0-151			1.67	37
trans-1,3-Dichloropropene	0.309	ND	0.369	0.357	120	116	1	10.0-148			3.32	37
2,2-Dichloropropane	0.309	ND	0.285	0.273	92.2	88.3	1	10.0-138			4.32	36
Di-isopropyl ether	0.309	ND	0.318	0.312	103	101	1	10.0-147			1.91	36
Ethylbenzene	0.309	ND	0.378	0.365	122	118	1	10.0-160			3.65	38
Hexachloro-1,3-butadiene	0.309	ND	0.372	0.324	120	105	1	10.0-160			13.9	40
Isopropylbenzene	0.309	ND	0.381	0.362	123	117	1	10.0-155			5.27	38
p-Isopropyltoluene	0.309	ND	0.383	0.354	124	115	1	10.0-160			7.77	40
2-Butanone (MEK)	1.55	ND	1.10	1.06	70.7	68.4	1	10.0-160			3.21	40
Methylene Chloride	0.309	ND	0.335	0.327	108	106	1	10.0-141			2.28	37
4-Methyl-2-pentanone (MIBK)	1.55	ND	1.51	1.49	97.1	95.8	1	10.0-160			1.31	35
Methyl tert-butyl ether	0.309	ND	0.292	0.301	94.6	97.6	1	11.0-147			3.05	35
Naphthalene	0.309	ND	0.286	0.274	92.7	88.8	1	10.0-160			4.30	36
n-Propylbenzene	0.309	ND	0.378	0.359	122	116	1	10.0-158			5.32	38
Styrene	0.309	ND	0.419	0.393	136	127	1	10.0-160			6.31	40
1,1,1,2-Tetrachloroethane	0.309	ND	0.374	0.359	121	116	1	10.0-149			4.12	39

L1992230-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1992230-08 07/10/26 04:56 • (MS) R4398120-4 07/10/26 09:50 • (MSD) R4398120-5 07/10/26 10:09

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
1,1,2,2-Tetrachloroethane	0.309	ND	0.327	0.330	106	107	1	10.0-160			0.917	35
1,1,2-Trichlorotrifluoroethane	0.309	ND	0.318	0.289	103	93.7	1	10.0-160			9.43	36
Tetrachloroethene	0.309	ND	0.386	0.360	125	117	1	10.0-156			6.87	39
Toluene	0.309	ND	0.357	0.344	116	111	1	10.0-156			3.87	38
1,2,3-Trichlorobenzene	0.309	ND	0.341	0.313	110	101	1	10.0-160			8.29	40
1,2,4-Trichlorobenzene	0.309	ND	0.362	0.330	117	107	1	10.0-160			9.15	40
1,1,1-Trichloroethane	0.309	ND	0.315	0.300	102	97.1	1	10.0-144			4.90	35
1,1,2-Trichloroethane	0.309	ND	0.345	0.336	112	109	1	10.0-160			2.65	35
Trichloroethene	0.309	ND	0.380	0.357	123	116	1	10.0-156			6.13	38
Trichlorofluoromethane	0.309	ND	0.247	0.211	80.0	68.3	1	10.0-160			15.8	40
1,2,3-Trichloropropane	0.309	ND	0.362	0.354	117	115	1	10.0-156			2.11	35
1,2,4-Trimethylbenzene	0.309	ND	0.375	0.350	121	113	1	10.0-160			7.07	36
1,2,3-Trimethylbenzene	0.309	ND	0.357	0.339	116	110	1	10.0-160			5.19	36
1,3,5-Trimethylbenzene	0.309	ND	0.383	0.365	124	118	1	10.0-160			4.84	38
Vinyl chloride	0.309	ND	0.362	0.351	117	114	1	10.0-160			2.96	37
Xylenes, Total	0.927	ND	1.12	1.06	121	114	1	10.0-160			5.67	38
(S) Toluene-d8					*99.9*	*100*		*75.0-131*				
(S) 4-Bromofluorobenzene					*97.2*	*97.4*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*98.6*	*102*		*70.0-130*				

Method Blank (MB)

(MB) R4398474-3 07/10/26 10:58

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0697	0.100
Acrylonitrile	U		0.00803	0.0125
Bromobenzene	U		0.00390	0.0125
Bromodichloromethane	U		0.00117	0.00250
Bromoform	U		0.00992	0.0250
Bromomethane	U		0.0101	0.0125
n-Butylbenzene	U		0.00625	0.0125
sec-Butylbenzene	U		0.00383	0.0125
tert-Butylbenzene	U		0.00189	0.00500
Carbon tetrachloride	U		0.00301	0.00500
Chlorobenzene	U		0.000858	0.00250
Chlorodibromomethane	U		0.00161	0.00250
Chloroethane	U		0.00569	0.0100
Chloroform	0.00278		0.00162	0.00250
Chloromethane	U		0.00850	0.0125
2-Chlorotoluene	U		0.00129	0.00250
4-Chlorotoluene	U		0.00154	0.00500
1,2-Dibromo-3-Chloropropane	U		0.0107	0.0250
1,2-Dibromoethane	U		0.00126	0.00250
Dibromomethane	U		0.00178	0.00500
1,2-Dichlorobenzene	U		0.00156	0.00500
1,3-Dichlorobenzene	U		0.00165	0.00500
1,4-Dichlorobenzene	U		0.00175	0.00500
Dichlorodifluoromethane	U		0.00435	0.00500
1,1-Dichloroethane	U		0.00101	0.00250
1,2-Dichloroethane	U		0.00146	0.00250
1,1-Dichloroethene	U		0.00153	0.00250
cis-1,2-Dichloroethene	U		0.00129	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00192	0.00500
1,1-Dichloropropene	U		0.00138	0.00500
1,3-Dichloropropane	U		0.00162	0.00500
cis-1,3-Dichloropropene	U		0.00105	0.00250
trans-1,3-Dichloropropene	U		0.00105	0.00500
2,2-Dichloropropane	U		0.00202	0.00250
Di-isopropyl ether	U		0.000769	0.00100
Hexachloro-1,3-butadiene	U		0.0104	0.0250
p-Isopropyltoluene	U		0.00213	0.00500
2-Butanone (MEK)	U		0.0887	0.100
Methylene Chloride	U		0.0110	0.0250

Method Blank (MB)

(MB) R4398474-3 07/10/26 10:58

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
4-Methyl-2-pentanone (MIBK)	U		0.00992	0.0250
Methyl tert-butyl ether	U		0.000773	0.00100
Styrene	U		0.00445	0.0125
1,1,1,2-Tetrachloroethane	U		0.00130	0.00250
1,1,2,2-Tetrachloroethane	U		0.00116	0.00250
1,1,2-Trichlorotrifluoroethane	U		0.00281	0.00500
Tetrachloroethene	U		0.00152	0.00250
1,2,3-Trichlorobenzene	U		0.00699	0.0125
1,2,4-Trichlorobenzene	U		0.00542	0.0125
1,1,1-Trichloroethane	U		0.00145	0.00250
1,1,2-Trichloroethane	U		0.00134	0.00250
Trichloroethene	U		0.000891	0.00100
Trichlorofluoromethane	U		0.00261	0.00400
1,2,3-Trichloropropane	U		0.00612	0.0125
Vinyl chloride	U		0.00201	0.00250
(S) Toluene-d8	*95.2*			*75.0-131*
(S) 4-Bromofluorobenzene	*95.5*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*123*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4398474-1 07/10/26 09:20

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	1.25	1.18	94.4	10.0-160	
Acrylonitrile	1.25	1.38	110	45.0-153	
Bromobenzene	0.250	0.222	88.8	73.0-121	
Bromodichloromethane	0.250	0.267	107	73.0-121	
Bromoform	0.250	0.231	92.4	64.0-132	
Bromomethane	0.250	0.216	86.4	56.0-147	
n-Butylbenzene	0.250	0.238	95.2	68.0-135	
sec-Butylbenzene	0.250	0.249	99.6	74.0-130	
tert-Butylbenzene	0.250	0.254	102	75.0-127	
Carbon tetrachloride	0.250	0.279	112	66.0-128	
Chlorobenzene	0.250	0.208	83.2	76.0-128	
Chlorodibromomethane	0.250	0.253	101	74.0-127	
Chloroethane	0.250	0.232	92.8	61.0-134	
Chloroform	0.250	0.247	98.8	72.0-123	
Chloromethane	0.250	0.261	104	51.0-138	

Laboratory Control Sample (LCS)

(LCS) R4398474-1 07/10/26 09:20

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
2-Chlorotoluene	0.250	0.242	96.8	75.0-124	
4-Chlorotoluene	0.250	0.242	96.8	75.0-124	
1,2-Dibromo-3-Chloropropane	0.250	0.233	93.2	59.0-130	
1,2-Dibromoethane	0.250	0.228	91.2	74.0-128	
Dibromomethane	0.250	0.244	97.6	75.0-122	
1,2-Dichlorobenzene	0.250	0.215	86.0	76.0-124	
1,3-Dichlorobenzene	0.250	0.219	87.6	76.0-125	
1,4-Dichlorobenzene	0.250	0.224	89.6	77.0-121	
Dichlorodifluoromethane	0.250	0.295	118	43.0-156	
1,1-Dichloroethane	0.250	0.240	96.0	70.0-127	
1,2-Dichloroethane	0.250	0.272	109	65.0-131	
1,1-Dichloroethene	0.250	0.258	103	65.0-131	
cis-1,2-Dichloroethene	0.250	0.228	91.2	73.0-125	
trans-1,2-Dichloroethene	0.250	0.223	89.2	71.0-125	
1,2-Dichloropropane	0.250	0.231	92.4	74.0-125	
1,1-Dichloropropene	0.250	0.255	102	73.0-125	
1,3-Dichloropropane	0.250	0.231	92.4	80.0-125	
cis-1,3-Dichloropropene	0.250	0.259	104	76.0-127	
trans-1,3-Dichloropropene	0.250	0.260	104	73.0-127	
2,2-Dichloropropane	0.250	0.281	112	59.0-135	
Di-isopropyl ether	0.250	0.267	107	60.0-136	
Hexachloro-1,3-butadiene	0.250	0.219	87.6	57.0-150	
p-Isopropyltoluene	0.250	0.231	92.4	72.0-133	
2-Butanone (MEK)	1.25	1.74	139	30.0-160	
Methylene Chloride	0.250	0.219	87.6	68.0-123	
4-Methyl-2-pentanone (MIBK)	1.25	1.45	116	56.0-143	
Methyl tert-butyl ether	0.250	0.264	106	66.0-132	
Styrene	0.250	0.219	87.6	72.0-127	
1,1,1,2-Tetrachloroethane	0.250	0.230	92.0	74.0-129	
1,1,2,2-Tetrachloroethane	0.250	0.220	88.0	68.0-128	
1,1,2-Trichlorotrifluoroethane	0.250	0.241	96.4	61.0-139	
Tetrachloroethene	0.250	0.215	86.0	70.0-136	
1,2,3-Trichlorobenzene	0.250	0.190	76.0	59.0-139	
1,2,4-Trichlorobenzene	0.250	0.186	74.4	62.0-137	
1,1,1-Trichloroethane	0.250	0.269	108	69.0-126	
1,1,2-Trichloroethane	0.250	0.225	90.0	78.0-123	
Trichloroethene	0.250	0.237	94.8	76.0-126	
Trichlorofluoromethane	0.250	0.285	114	61.0-142	
1,2,3-Trichloropropane	0.250	0.265	106	67.0-129	
Vinyl chloride	0.250	0.253	101	63.0-134	

Laboratory Control Sample (LCS)

(LCS) R4398474-1 07/10/26 09:20

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
(S) Toluene-d8			*96.4*	*75.0-131*	
(S) 4-Bromofluorobenzene			*105*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*123*	*70.0-130*	

Method Blank (MB)

(MB) R4399081-3 07/13/26 12:27

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000711	0.00100
Ethylbenzene	U		0.000987	0.00250
Isopropylbenzene	U		0.00101	0.00250
Naphthalene	U		0.00763	0.0125
n-Propylbenzene	U		0.00169	0.00500
Toluene	U		0.00289	0.00500
1,2,4-Trimethylbenzene	U		0.00238	0.00500
1,2,3-Trimethylbenzene	U		0.00182	0.00500
1,3,5-Trimethylbenzene	U		0.00228	0.00500
Xylenes, Total	U		0.00280	0.00650
(S) Toluene-d8	*104*			*75.0-131*
(S) 4-Bromofluorobenzene	*100*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*81.5*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4399081-1 07/13/26 10:46 • (LCSD) R4399081-2 07/13/26 11:06

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.250	0.232	0.231	92.8	92.4	70.0-123			0.432	20
Ethylbenzene	0.250	0.260	0.261	104	104	74.0-126			0.384	20
Isopropylbenzene	0.250	0.256	0.260	102	104	72.0-127			1.55	20
Naphthalene	0.250	0.235	0.237	94.0	94.8	59.0-130			0.847	20
n-Propylbenzene	0.250	0.268	0.265	107	106	74.0-126			1.13	20
Toluene	0.250	0.246	0.249	98.4	99.6	75.0-121			1.21	20
1,2,4-Trimethylbenzene	0.250	0.260	0.263	104	105	70.0-126			1.15	20
1,2,3-Trimethylbenzene	0.250	0.244	0.243	97.6	97.2	74.0-124			0.411	20
1,3,5-Trimethylbenzene	0.250	0.252	0.252	101	101	73.0-127			0.000	20
Xylenes, Total	0.750	0.774	0.781	103	104	72.0-127			0.900	20
(S) Toluene-d8				*103*	*102*	*75.0-131*				
(S) 4-Bromofluorobenzene				*95.8*	*97.1*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*86.8*	*83.6*	*70.0-130*				

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
J	The identification of the analyte is acceptable; the reported value is an estimate.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
Bullock Environmental, LLC

4924 5th Avenue South
Birmingham, AL 35222

Billing Information:
Mr. Douglas Bullock
4924 5th Avenue South
Birmingham, AL 35222

Pres Chk

Report to:
Samuel Smith 205-876-1715

Email To:
sam.smith@bullockenvironmental.com

Project Description: Anthony's Carwash

City/State Collected: Pelham, AL

Please Circle: PT MT CT ET

Regulatory Program(DOD,RCRA,DW,etc):

Client Project # 26. Tessier Livoli

Lab Project # **BULENBAL-SMITH**

Collected by (print): Samuel Smith

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day ___ STD TAT

Quote #

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	SUBPFAS1633 PFAS-250HDPE-NoPres	SUBPFAS1633 PFAS-90mlPP-NoPres	TS 4ozClr-NoPres	V8260 40mlAmb-HCl	V8260 40mlAmb/MeOH10ml/Syr	Remarks	Sample # (lab only)
MW-1 1-5	Comp	SS	1-5	7/2/26	1800	3		X	X		X		01
MW-1 10-15		SS	10-15		1805	3		X	X		X		02
MW-2 1-5		SS	1-5		1930	3		X	X		X		03
MW-2 10-15		SS	10-15		1935	3		X	X		X		04
MW-3 1-5		SS	1-5		2010	3		X	X		X		05
MW-3 5-10		SS	5-10		2015	3		X	X		X		06
MW-4 1-5		SS	1-5		2100	3		X	X		X		07
MW-4 5-10		SS	5-10		2105	3		X	X		X		08
		GW				5	X			X			
		GW				5	X			X			

Chain of Custody Page ___ of ___

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1947230

C232

Acctnum: **BULENBAL**
Template: **T296722**
Prelogin: **P1237507**
PM: **873 - Heather J Wagner**
PB: 6-30-26 MP
Shipped Via: **FedEX Ground**

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 7925 0195 6373

Sample Receipt Checklist
COC Seal Present/Intact: X NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No (HCL / MeOH / TBR)	If preservation required by Login: Date/Time
Samuel Smith	7/6/26	10:45		1	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 24 TLA821-0°1=2.8	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 7/7/26 Time: 0830	Hold: / Condition: NCF / OK

ANALYTICAL REPORT

July 28, 2026

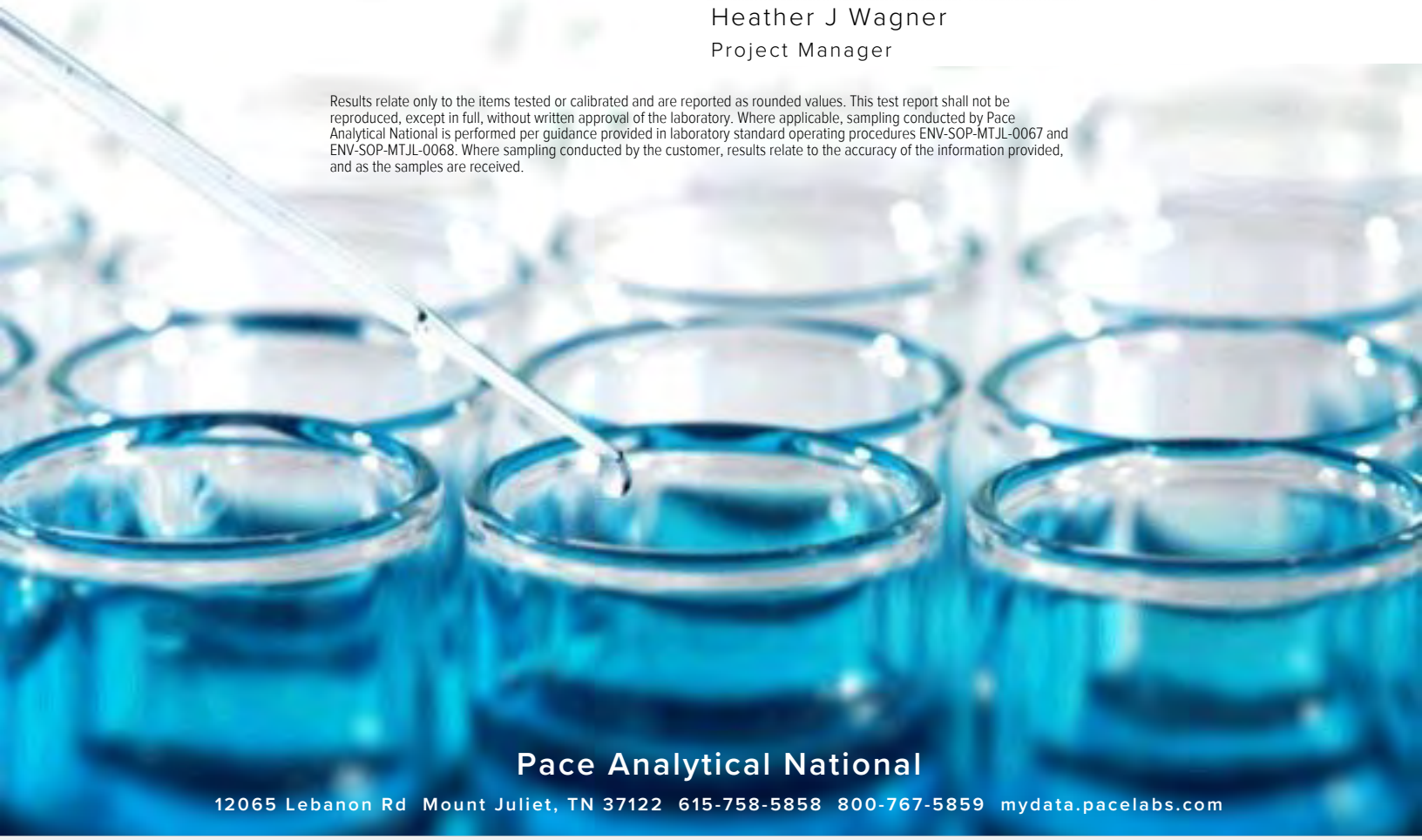
Bullock Environmental, LLC

Sample Delivery Group:	L1992232
Samples Received:	07/07/2026
Project Number:	26 LIVD01
Description:	Anthony's Carwash
Site:	PELHAM, AL
Report To:	Samuel Smith 4924 5th Avenue South Birmingham, AL 35222

Entire Report Reviewed By:

Heather J Wagner
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

TABLE OF CONTENTS

Cp: Cover Page 1

Tc: Table of Contents 2

Ss: Sample Summary 3

Cn: Case Narrative 4

Gl: Glossary of Terms 5

Al: Accreditations & Locations 6

Sc: Sample Chain of Custody 7

MW-1 1-5 L1992232-01

Collected by	Collected date/time	Received date/time
	07/02/26 18:00	07/07/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG2789153	1	07/27/26 00:00	07/27/26 00:00	-	Subcontract

MW-1 10-15 L1992232-02

Collected by	Collected date/time	Received date/time
	07/02/26 18:05	07/07/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG2789153	1	07/27/26 00:00	07/27/26 00:00	-	Subcontract

MW-2 1-5 L1992232-03

Collected by	Collected date/time	Received date/time
	07/02/26 19:30	07/07/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG2789153	1	07/27/26 00:00	07/27/26 00:00	-	Subcontract

MW-2 10-15 L1992232-04

Collected by	Collected date/time	Received date/time
	07/02/26 19:35	07/07/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG2789153	1	07/27/26 00:00	07/27/26 00:00	-	Subcontract

MW-3 1-5 L1992232-05

Collected by	Collected date/time	Received date/time
	07/02/26 20:10	07/07/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG2789153	1	07/27/26 00:00	07/27/26 00:00	-	Subcontract

MW-3 5-10 L1992232-06

Collected by	Collected date/time	Received date/time
	07/02/26 20:15	07/07/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG2789153	1	07/27/26 00:00	07/27/26 00:00	-	Subcontract

MW-4 1-5 L1992232-07

Collected by	Collected date/time	Received date/time
	07/02/26 21:00	07/07/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG2789153	1	07/27/26 00:00	07/27/26 00:00	-	Subcontract

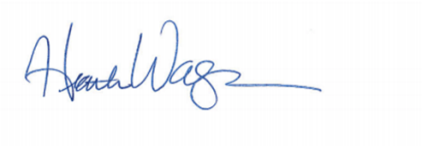
MW-4 5-10 L1992232-08

Collected by	Collected date/time	Received date/time
	07/02/26 21:05	07/07/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG2789153	1	07/27/26 00:00	07/27/26 00:00	-	Subcontract

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Heather J Wagner
Project Manager

Project Narrative

L1992232 -01, -02, -03, -04, -05, -06, -07, -08 contains subout data that is included after the chain of custody.

GLOSSARY OF TERMS

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Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier | Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
Bullock Environmental, LLC

4924 5th Avenue South
Birmingham, AL 35222

Billing Information:
Mr. Douglas Bullock
4924 5th Avenue South
Birmingham, AL 35222

Report to:
Samuel Smith 205-876-1715

Email To:
sam.smith@bullockenvironmental.com

Project Description: Anthony's Carwash

City/State Collected: Pelham AL

Please Circle: PT MT CT ET

Regulatory Program(DOD,RCRA,DW,etc):

Client Project # 26-Lindol Tesoro

Lab Project # **BULENBAL-SMITH**

Collected by (print): Samuel Smith

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day ___ STD TAT

Quote #

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Pres Chk	SUBPFAS1633 PFAS-250HDPE-NoPres	SUBPFAS1633 PFAS-90mlPP-NoPres	TS 4ozClr-NoPres	V8260 40mlAmb-HCl	V8260 40mlAmb/MeOH10ml/Syr					Remarks	Sample # (lab only)
MW-1 1-5	Comp	SS	1-5	7/2/26	1800	3			X	X		X						01
MW-1 ~~10~~ 10-15		SS	10-15		1805	3			X	X		X						02
MW-2 1-5		SS	1-5		1930	3			X	X		X						03
MW-2 10-15		SS	10-15		1935	3			X	X		X						04
MW-3 1-5		SS	1-5		2010	3			X	X		X						05
MW-3 5-10		SS	5-10		2015	3			X	X		X						06
MW-4 1-5		SS	1-5		2100	3			X	X		X						07
MW-4 5-10		SS	5-10		2105	3			X	X		X						08
		GW				5		X			X							
		GW				5		X			X							

SF

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 7925 0145 6373

Chain of Custody Page ___ of ___

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1492692

C232

Acctnum: **BULENBAL**
Template:**T296722**
Prelogin: **P1237507**
PM: **873 - Heather J Wagner**
PB: 6-30-2026
Shipped Via: **FedEX Ground**

Sample Receipt Checklist
COC Seal Present/Intact: X NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
Sam Smith	7/6/26	10:45		1	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
				TL 8.2-0.1=2.0 24	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 7/7/26 Time: 0830	Hold: / Condition: NCF / OK

ANALYTICAL REPORT

Lab Number:	L2643105
Client:	Pace Mt. Juliet, TN 12065 Lebanon Road Mt. Juliet, TN 37122
ATTN:	James Huckaba
Phone:	(615) 773-9775
Project Name:	L1992232
Project Number:	L1992232
Report Date:	07/27/26

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2643105-01	MW-1 1-5	SOIL	AL	07/02/26 18:00	07/09/26
L2643105-02	MW-1 10-15	SOIL	AL	07/02/26 18:05	07/09/26
L2643105-03	MW-2 1-5	SOIL	AL	07/02/26 19:30	07/09/26
L2643105-04	MW-2 10-15	SOIL	AL	07/02/26 19:35	07/09/26
L2643105-05	MW-3 1-5	SOIL	AL	07/02/26 20:10	07/09/26
L2643105-06	MW-3 5-10	SOIL	AL	07/02/26 20:15	07/09/26
L2643105-07	MW-4 1-5	SOIL	AL	07/02/26 21:00	07/09/26
L2643105-08	MW-4 5-10	SOIL	AL	07/02/26 21:05	07/09/26

Project Name:	L1992232	**Lab Number:**	L2643105
Project Number:	L1992232	**Report Date:**	07/27/26

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	L1992232	**Lab Number:**	L2643105
Project Number:	L1992232	**Report Date:**	07/27/26

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Perfluorinated Alkyl Acids by 1633

L2643105-01RE, -02RE2, -03RE2, -04RE2, -05, -06RE, -07RE2, and -08: The analysis of Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA) exceeded the 3-day holding time recommended by the method for soil/sediment and tissue matrices.

L2643105-01RE, -02RE2, -03RE2, -04RE2, -06RE, and -07RE2: The sample was re-extracted within holding time due to QC failures in the original extraction. The results of the re-extraction are reported.

L2643105-01RE: The Extracted Internal Standard recoveries were outside the acceptance criteria for perfluoro[1,2-13c2]dodecanoic acid (mpfdoa) (31%); however, the original extraction had similar results. If the recovery of any EIS falls outside of criteria, method performance is unacceptable for that EIS in that sample.The results of the re-extraction are reported for the associated target compounds.

The Extracted Internal Standard recovery for the WG2241747-1 Method Blank associated with L2643105-05 and -08 are below the acceptance criteria for n-methyl-d3-perfluoro-1-octanesulfonamide (d3-nmefosa) (9%) and n-ethyl-d5-perfluoro-1-octanesulfonamide (d5-netfosa) (6%); however, the associated samples are non-detect to the RL for all associated target analytes and have acceptable EIS recoveries. No further action was taken.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kim L. Bailey Kim L. Bailey

Title: Technical Director/Representative Date: 07/27/26

QC OUTLIER SUMMARY REPORT

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab								
1633A	MW-1 1-5	L2643105-01 RE	Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	Surrogate	31	40-130	-	- - not applicable - -
1633A	Laboratory Method Bl	WG2241747-1	N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	Surrogate	9	10-130	-	- - not applicable - -
1633A	Laboratory Method Bl	WG2241747-1	N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	Surrogate	6	10-130	-	- - not applicable - -

ORGANICS

SEMIVOLATILES

Project Name: L1992232 **Lab Number:** L2643105

Project Number: L1992232 **Report Date:** 07/27/26

SAMPLE RESULTS

Lab ID: L2643105-01 RE
Client ID: MW-1 1-5
Sample Location: AL

Date Collected: 07/02/26 18:00
Date Received: 07/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 07/24/26 11:03
Analyst: AC
Percent Solids: 78%

Extraction Method: EPA 1633
Extraction Date: 07/23/26 12:25
Cleanup Method: EPA 1633
Cleanup Date: 07/23/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.797	0.534	1
Perfluoropentanoic Acid (PFPeA)	0.213	J	ng/g	0.398	0.080	1
Perfluorobutanesulfonic Acid (PFBS)	0.106	J	ng/g	0.199	0.050	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.797	0.153	1
Perfluorohexanoic Acid (PFHxA)	0.303		ng/g	0.199	0.163	1
Perfluoropentanesulfonic Acid (PFPeS)	0.064	J	ng/g	0.199	0.028	1
Perfluoroheptanoic Acid (PFHpA)	0.325		ng/g	0.199	0.072	1
Perfluorohexanesulfonic Acid (PFHxS)	0.468		ng/g	0.199	0.066	1
Perfluorooctanoic Acid (PFOA)	0.827		ng/g	0.199	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.797	0.478	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.066	J	ng/g	0.199	0.034	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.199	0.032	1
Perfluorooctanesulfonic Acid (PFOS)	1.18		ng/g	0.199	0.104	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.050	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.797	0.235	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.094	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.096	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.088	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.094	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.114	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.078	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.100	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.092	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.145	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.797	0.159	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.797	0.283	1

Project Name: L1992232 **Lab Number:** L2643105

Project Number: L1992232 **Report Date:** 07/27/26

SAMPLE RESULTS

Lab ID: L2643105-01 RE
Client ID: MW-1 1-5
Sample Location: AL

Date Collected: 07/02/26 18:00
Date Received: 07/09/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.094	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.797	0.155	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.797	0.395	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.060	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.066	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.249	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.241	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.398	0.036	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.398	0.052	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.398	0.048	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.398	0.120	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.996	0.345	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.98	1.40	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.98	1.94	1

Project Name: L1992232 **Lab Number:** L2643105

Project Number: L1992232 **Report Date:** 07/27/26

SAMPLE RESULTS

Lab ID: L2643105-01 RE Date Collected: 07/02/26 18:00

Client ID: MW-1 1-5 Date Received: 07/09/26

Sample Location: AL Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	76		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	83		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	69		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	65		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	77		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	82		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	74		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	76		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	78		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	80		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	73		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	75		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	66		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	55		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	56		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	72		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	47		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	**31**	Q	40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	31		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	79		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	14		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	11		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	44		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	43		15-130

Project Name: L1992232 **Lab Number:** L2643105

Project Number: L1992232 **Report Date:** 07/27/26

SAMPLE RESULTS

Lab ID: L2643105-02 RE2
Client ID: MW-1 10-15
Sample Location: AL

Date Collected: 07/02/26 18:05
Date Received: 07/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 07/26/26 19:19
Analyst: SL
Percent Solids: 73%

Extraction Method: EPA 1633
Extraction Date: 07/25/26 08:25
Cleanup Method: EPA 1633
Cleanup Date: 07/25/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.816	0.547	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.408	0.082	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.204	0.051	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.816	0.157	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.204	0.167	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.204	0.029	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.204	0.073	1
Perfluorohexanesulfonic Acid (PFHxS)	0.076	J	ng/g	0.204	0.067	1
Perfluorooctanoic Acid (PFOA)	0.063	J	ng/g	0.204	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.816	0.490	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.204	0.035	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.204	0.033	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.204	0.106	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.204	0.051	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.816	0.241	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.204	0.096	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.204	0.098	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.204	0.090	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.204	0.096	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.204	0.116	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.204	0.080	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.204	0.102	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.204	0.094	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.204	0.149	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.816	0.163	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.816	0.290	1

Project Name: L1992232 **Lab Number:** L2643105

Project Number: L1992232 **Report Date:** 07/27/26

SAMPLE RESULTS

Lab ID: L2643105-02 RE2 Date Collected: 07/02/26 18:05

Client ID: MW-1 10-15 Date Received: 07/09/26

Sample Location: AL Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.204	0.096	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.816	0.159	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.816	0.404	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.204	0.061	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.204	0.067	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.04	0.255	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.04	0.247	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.408	0.037	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.408	0.053	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.408	0.049	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.408	0.122	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.02	0.353	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.10	1.43	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.10	1.99	1

Project Name: L1992232 **Lab Number:** L2643105

Project Number: L1992232 **Report Date:** 07/27/26

SAMPLE RESULTS

Lab ID: L2643105-02 RE2 Date Collected: 07/02/26 18:05

Client ID: MW-1 10-15 Date Received: 07/09/26

Sample Location: AL Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	61		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	67		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	53		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	48		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	67		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	67		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	57		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	68		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	52		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	64		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	77		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	81		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	58		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	67		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	76		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	84		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	62		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	60		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	31		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	69		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	34		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	29		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	76		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	70		15-130

Project Name: L1992232 **Lab Number:** L2643105

Project Number: L1992232 **Report Date:** 07/27/26

SAMPLE RESULTS

Lab ID: L2643105-03 RE2
Client ID: MW-2 1-5
Sample Location: AL

Date Collected: 07/02/26 19:30
Date Received: 07/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 07/26/26 19:28
Analyst: SL
Percent Solids: 82%

Extraction Method: EPA 1633
Extraction Date: 07/25/26 08:25
Cleanup Method: EPA 1633
Cleanup Date: 07/25/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.793	0.531	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.396	0.079	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.198	0.050	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.793	0.153	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.198	0.162	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.198	0.028	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.198	0.071	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.198	0.065	1
Perfluorooctanoic Acid (PFOA)	0.079	J	ng/g	0.198	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.793	0.476	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.198	0.034	1
Perfluorononanoic Acid (PFNA)	0.087	J	ng/g	0.198	0.032	1
Perfluorooctanesulfonic Acid (PFOS)	1.09		ng/g	0.198	0.103	1
Perfluorodecanoic Acid (PFDA)	0.158	J	ng/g	0.198	0.050	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.793	0.234	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.198	0.093	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.198	0.095	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.198	0.087	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.198	0.093	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.198	0.113	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.198	0.077	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.198	0.099	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.198	0.091	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.198	0.145	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.793	0.158	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.793	0.281	1

Project Name: L1992232 **Lab Number:** L2643105

Project Number: L1992232 **Report Date:** 07/27/26

SAMPLE RESULTS

Lab ID: L2643105-03 RE2 Date Collected: 07/02/26 19:30

Client ID: MW-2 1-5 Date Received: 07/09/26

Sample Location: AL Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.198	0.093	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.793	0.155	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.793	0.392	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.198	0.060	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.198	0.065	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.98	0.248	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.98	0.240	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.396	0.036	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.396	0.052	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.396	0.048	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.396	0.119	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.991	0.343	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.96	1.39	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.96	1.93	1

Project Name: L1992232 **Lab Number:** L2643105

Project Number: L1992232 **Report Date:** 07/27/26

SAMPLE RESULTS

Lab ID: L2643105-03 RE2 Date Collected: 07/02/26 19:30

Client ID: MW-2 1-5 Date Received: 07/09/26

Sample Location: AL Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	106		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	108		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	98		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	82		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	107		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	106		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	95		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	110		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	91		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	93		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	104		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	110		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	96		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	85		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	108		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	85		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	84		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	89		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	55		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	107		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	42		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	36		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	80		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	79		15-130

Project Name: L1992232 **Lab Number:** L2643105

Project Number: L1992232 **Report Date:** 07/27/26

SAMPLE RESULTS

Lab ID: L2643105-04 RE2
Client ID: MW-2 10-15
Sample Location: AL

Date Collected: 07/02/26 19:35
Date Received: 07/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 07/26/26 19:36
Analyst: SL
Percent Solids: 80%

Extraction Method: EPA 1633
Extraction Date: 07/25/26 08:25
Cleanup Method: EPA 1633
Cleanup Date: 07/25/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.771	0.517	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.386	0.077	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.193	0.048	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.771	0.148	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.193	0.158	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.193	0.027	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.193	0.069	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.193	0.064	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.193	0.042	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.771	0.463	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.193	0.033	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.193	0.031	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.193	0.100	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.193	0.048	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.771	0.227	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.193	0.091	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.193	0.093	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.193	0.085	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.193	0.091	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.193	0.110	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.193	0.075	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.193	0.096	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.193	0.089	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.193	0.141	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.771	0.154	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.771	0.274	1

Project Name: L1992232 **Lab Number:** L2643105

Project Number: L1992232 **Report Date:** 07/27/26

SAMPLE RESULTS

Lab ID: L2643105-04 RE2 Date Collected: 07/02/26 19:35

Client ID: MW-2 10-15 Date Received: 07/09/26

Sample Location: AL Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.193	0.091	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.771	0.150	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.771	0.382	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.193	0.058	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.193	0.064	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.93	0.241	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.93	0.233	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.386	0.035	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.386	0.050	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.386	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.386	0.116	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.964	0.334	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.82	1.35	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.82	1.88	1

Project Name: L1992232 **Lab Number:** L2643105

Project Number: L1992232 **Report Date:** 07/27/26

SAMPLE RESULTS

Lab ID: L2643105-04 RE2 Date Collected: 07/02/26 19:35

Client ID: MW-2 10-15 Date Received: 07/09/26

Sample Location: AL Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	87		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	93		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	75		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	69		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	93		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	92		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	83		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	92		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	72		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	81		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	97		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	95		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	76		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	70		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	88		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	83		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	64		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	68		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	50		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	96		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	33		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	29		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	76		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	75		15-130

Project Name: L1992232 **Lab Number:** L2643105

Project Number: L1992232 **Report Date:** 07/27/26

SAMPLE RESULTS

Lab ID: L2643105-05
Client ID: MW-3 1-5
Sample Location: AL

Date Collected: 07/02/26 20:10
Date Received: 07/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 07/22/26 23:32
Analyst: SL
Percent Solids: 81%

Extraction Method: EPA 1633
Extraction Date: 07/15/26 08:08
Cleanup Method: EPA 1633
Cleanup Date: 07/15/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.788	0.528	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.394	0.079	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.197	0.049	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.788	0.152	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.197	0.162	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.197	0.028	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.197	0.071	1
Perfluorohexanesulfonic Acid (PFHxS)	0.067	J	ng/g	0.197	0.065	1
Perfluorooctanoic Acid (PFOA)	0.162	J	ng/g	0.197	0.043	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.788	0.473	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.197	0.034	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.197	0.032	1
Perfluorooctanesulfonic Acid (PFOS)	0.303		ng/g	0.197	0.102	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.197	0.049	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.788	0.232	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.197	0.093	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.197	0.095	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.197	0.087	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.197	0.093	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.197	0.112	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.197	0.077	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.197	0.099	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.197	0.091	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.197	0.144	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.788	0.158	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.788	0.280	1

Project Name: L1992232 **Lab Number:** L2643105

Project Number: L1992232 **Report Date:** 07/27/26

SAMPLE RESULTS

Lab ID: L2643105-05 Date Collected: 07/02/26 20:10

Client ID: MW-3 1-5 Date Received: 07/09/26

Sample Location: AL Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.197	0.093	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.788	0.154	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.788	0.390	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.197	0.059	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.197	0.065	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.97	0.246	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.97	0.238	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.394	0.035	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.394	0.051	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.394	0.047	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.394	0.118	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.985	0.341	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.92	1.38	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.92	1.92	1

Project Name: L1992232 **Lab Number:** L2643105

Project Number: L1992232 **Report Date:** 07/27/26

SAMPLE RESULTS

Lab ID: L2643105-05 Date Collected: 07/02/26 20:10

Client ID: MW-3 1-5 Date Received: 07/09/26

Sample Location: AL Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	91		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	89		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	85		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	89		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	94		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	95		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	89		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	83		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	100		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	86		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	81		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	91		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	104		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	87		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	90		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	75		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	78		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	66		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	57		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	83		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	33		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	29		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	59		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	56		15-130

Project Name: L1992232 **Lab Number:** L2643105

Project Number: L1992232 **Report Date:** 07/27/26

SAMPLE RESULTS

Lab ID: L2643105-06 RE
Client ID: MW-3 5-10
Sample Location: AL

Date Collected: 07/02/26 20:15
Date Received: 07/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 07/24/26 11:39
Analyst: AC
Percent Solids: 84%

Extraction Method: EPA 1633
Extraction Date: 07/23/26 12:25
Cleanup Method: EPA 1633
Cleanup Date: 07/23/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.784	0.525	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.392	0.078	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.196	0.049	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.784	0.151	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.196	0.161	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.196	0.027	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.196	0.071	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.196	0.065	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.196	0.043	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.784	0.470	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.196	0.033	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.196	0.031	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.196	0.102	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.196	0.049	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.784	0.231	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.196	0.092	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.196	0.094	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.196	0.086	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.196	0.092	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.196	0.112	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.196	0.076	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.196	0.098	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.196	0.090	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.196	0.143	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.784	0.157	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.784	0.278	1

Project Name: L1992232 **Lab Number:** L2643105

Project Number: L1992232 **Report Date:** 07/27/26

SAMPLE RESULTS

Lab ID: L2643105-06 RE
Client ID: MW-3 5-10
Sample Location: AL

Date Collected: 07/02/26 20:15
Date Received: 07/09/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.196	0.092	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.784	0.153	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.784	0.388	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.196	0.059	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.196	0.065	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.96	0.245	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.96	0.237	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.392	0.035	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.392	0.051	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.392	0.047	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.392	0.118	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.980	0.339	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.90	1.38	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.90	1.91	1

Project Name: L1992232 **Lab Number:** L2643105

Project Number: L1992232 **Report Date:** 07/27/26

SAMPLE RESULTS

Lab ID: L2643105-06 RE
Client ID: MW-3 5-10
Sample Location: AL

Date Collected: 07/02/26 20:15
Date Received: 07/09/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	85		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	79		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	78		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	86		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	82		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	86		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	76		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	78		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	84		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	79		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	73		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	64		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	63		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	76		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	54		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	40		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	42		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	84		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	15		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	14		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	47		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	46		15-130

Project Name: L1992232 **Lab Number:** L2643105

Project Number: L1992232 **Report Date:** 07/27/26

SAMPLE RESULTS

Lab ID: L2643105-07 RE2
Client ID: MW-4 1-5
Sample Location: AL

Date Collected: 07/02/26 21:00
Date Received: 07/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 07/26/26 19:45
Analyst: SL
Percent Solids: 85%

Extraction Method: EPA 1633
Extraction Date: 07/25/26 08:25
Cleanup Method: EPA 1633
Cleanup Date: 07/25/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.766	0.514	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.383	0.077	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.192	0.048	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.766	0.148	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.192	0.157	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.192	0.027	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.192	0.069	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.192	0.063	1
Perfluorooctanoic Acid (PFOA)	0.069	J	ng/g	0.192	0.042	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.766	0.460	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.192	0.033	1
Perfluorononanoic Acid (PFNA)	0.036	J	ng/g	0.192	0.031	1
Perfluorooctanesulfonic Acid (PFOS)	0.163	J	ng/g	0.192	0.100	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.192	0.048	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.766	0.226	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.192	0.090	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.192	0.092	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.192	0.084	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.192	0.090	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.192	0.109	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.192	0.075	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.192	0.096	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.192	0.088	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.192	0.140	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.766	0.153	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.766	0.272	1

Project Name: L1992232 **Lab Number:** L2643105

Project Number: L1992232 **Report Date:** 07/27/26

SAMPLE RESULTS

Lab ID: L2643105-07 RE2 Date Collected: 07/02/26 21:00

Client ID: MW-4 1-5 Date Received: 07/09/26

Sample Location: AL Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.192	0.090	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.766	0.149	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.766	0.379	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.192	0.058	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.192	0.063	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.92	0.240	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.92	0.232	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.383	0.035	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.383	0.050	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.383	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.383	0.115	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.958	0.332	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.79	1.34	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.79	1.87	1

Project Name: L1992232 **Lab Number:** L2643105

Project Number: L1992232 **Report Date:** 07/27/26

SAMPLE RESULTS

Lab ID: L2643105-07 RE2 Date Collected: 07/02/26 21:00

Client ID: MW-4 1-5 Date Received: 07/09/26

Sample Location: AL Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	107		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	114		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	95		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	86		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	111		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	115		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	93		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	108		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	92		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	96		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	105		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	109		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	94		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	78		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	97		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	76		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	70		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	71		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	39		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	109		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	37		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	33		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	68		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	63		15-130

Project Name: L1992232 **Lab Number:** L2643105

Project Number: L1992232 **Report Date:** 07/27/26

SAMPLE RESULTS

Lab ID: L2643105-08
Client ID: MW-4 5-10
Sample Location: AL

Date Collected: 07/02/26 21:05
Date Received: 07/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 07/22/26 23:59
Analyst: SL
Percent Solids: 82%

Extraction Method: EPA 1633
Extraction Date: 07/15/26 08:08
Cleanup Method: EPA 1633
Cleanup Date: 07/15/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.787	0.527	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.393	0.079	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.197	0.049	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.787	0.151	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.197	0.161	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.197	0.028	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.197	0.071	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.197	0.065	1
Perfluorooctanoic Acid (PFOA)	0.059	J	ng/g	0.197	0.043	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.787	0.472	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.197	0.033	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.197	0.032	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.197	0.102	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.197	0.049	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.787	0.232	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.197	0.092	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.197	0.094	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.197	0.087	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.197	0.092	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.197	0.112	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.197	0.077	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.197	0.098	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.197	0.091	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.197	0.144	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.787	0.157	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.787	0.279	1

Project Name: L1992232 **Lab Number:** L2643105

Project Number: L1992232 **Report Date:** 07/27/26

SAMPLE RESULTS

Lab ID: L2643105-08 Date Collected: 07/02/26 21:05

Client ID: MW-4 5-10 Date Received: 07/09/26

Sample Location: AL Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.197	0.092	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.787	0.153	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.787	0.389	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.197	0.059	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.197	0.065	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.97	0.246	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.97	0.238	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.393	0.035	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.393	0.051	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.393	0.047	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.393	0.118	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.983	0.340	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.92	1.38	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.92	1.92	1

Project Name: L1992232 **Lab Number:** L2643105

Project Number: L1992232 **Report Date:** 07/27/26

SAMPLE RESULTS

Lab ID: L2643105-08 Date Collected: 07/02/26 21:05

Client ID: MW-4 5-10 Date Received: 07/09/26

Sample Location: AL Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	99		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	100		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	85		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	86		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	99		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	96		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	84		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	93		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	97		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	96		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	87		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	93		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	83		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	85		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	86		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	77		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	69		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	51		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	33		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	96		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	16		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	14		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	56		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	53		15-130

Project Name: L1992232 **Lab Number:** L2643105

Project Number: L1992232 **Report Date:** 07/27/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 07/22/26 22:29
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 07/15/26 08:08
Cleanup Method: EPA 1633
Cleanup Date: 07/15/26

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 05,08 Batch: WG2241747-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.536
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.080
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.050
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.154
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.164
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.028
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.072
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.066
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.044
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.480
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.034
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.104
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.050
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.236
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.094
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.096
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.088
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.094
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.114
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.078
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.100
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.092

Project Name: L1992232 **Lab Number:** L2643105

Project Number: L1992232 **Report Date:** 07/27/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 07/22/26 22:29
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 07/15/26 08:08
Cleanup Method: EPA 1633
Cleanup Date: 07/15/26

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 05,08 Batch: WG2241747-1					
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.146
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.160
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.284
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.094
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.156
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.396
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.060
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.066
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.242
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.036
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.052
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.048
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.120
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.346
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	1.40
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.95

Project Name: L1992232 **Lab Number:** L2643105

Project Number: L1992232 **Report Date:** 07/27/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 07/22/26 22:29
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 07/15/26 08:08
Cleanup Method: EPA 1633
Cleanup Date: 07/15/26

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 05,08 Batch: WG2241747-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	96		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	97		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	90		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	94		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	98		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	98		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	96		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	94		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	105		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	102		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	91		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	86		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	90		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	78		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	78		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	56		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	64		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	48		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	29		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	90		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	**9**	Q	10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	**6**	Q	10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	28		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	21		15-130

Project Name: L1992232 **Lab Number:** L2643105

Project Number: L1992232 **Report Date:** 07/27/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 07/24/26 10:36
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/23/26 12:25
Cleanup Method: EPA 1633
Cleanup Date: 07/23/26

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01,06 Batch: WG2245707-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.536
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.080
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.050
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.154
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.164
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.028
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.072
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.066
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.044
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.480
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.034
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.104
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.050
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.236
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.094
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.096
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.088
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.094
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.114
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.078
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.100
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.092

Project Name: L1992232 **Lab Number:** L2643105

Project Number: L1992232 **Report Date:** 07/27/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 07/24/26 10:36
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/23/26 12:25
Cleanup Method: EPA 1633
Cleanup Date: 07/23/26

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01,06 Batch: WG2245707-1					
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.146
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.160
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.284
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.094
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.156
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.396
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.060
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.066
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.242
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.036
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.052
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.048
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.120
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.346
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	1.40
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.95

Project Name: L1992232 **Lab Number:** L2643105

Project Number: L1992232 **Report Date:** 07/27/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 07/24/26 10:36
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/23/26 12:25
Cleanup Method: EPA 1633
Cleanup Date: 07/23/26

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01,06 Batch: WG2245707-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	95		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	104		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	85		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	88		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	94		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	98		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	85		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	92		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	87		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	86		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	82		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	91		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	75		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	70		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	82		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	76		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	60		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	54		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	42		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	96		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	22		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	20		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	58		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	54		15-130

Project Name: L1992232 **Lab Number:** L2643105

Project Number: L1992232 **Report Date:** 07/27/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 07/26/26 18:34
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 07/25/26 08:25
Cleanup Method: EPA 1633
Cleanup Date: 07/25/26

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 02-04,07 Batch: WG2246368-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.536
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.080
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.050
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.154
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.164
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.028
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.072
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.066
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.044
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.480
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.034
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.104
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.050
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.236
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.094
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.096
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.088
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.094
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.114
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.078
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.100
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.092

Project Name: L1992232 **Lab Number:** L2643105

Project Number: L1992232 **Report Date:** 07/27/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 07/26/26 18:34
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 07/25/26 08:25
Cleanup Method: EPA 1633
Cleanup Date: 07/25/26

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 02-04,07 Batch: WG2246368-1					
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.146
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.160
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.284
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.094
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.156
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.396
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.060
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.066
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.242
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.036
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.052
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.048
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.120
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.346
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	1.40
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.95

Project Name: L1992232 **Lab Number:** L2643105

Project Number: L1992232 **Report Date:** 07/27/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 07/26/26 18:34
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 07/25/26 08:25
Cleanup Method: EPA 1633
Cleanup Date: 07/25/26

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 02-04,07 Batch: WG2246368-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	95		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	93		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	87		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	76		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	94		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	93		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	87		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	103		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	81		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	96		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	95		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	82		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	78		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	90		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	76		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	74		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	77		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	46		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	91		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	34		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	30		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	66		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	61		15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 05,08 Batch: WG2241747-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	108		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	109		-		60-150	-		
Perfluorobutanesulfonic Acid (PFBS)	107		-		65-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	112		-		60-150	-		
Perfluorohexanoic Acid (PFHxA)	108		-		65-140	-		
Perfluoropentanesulfonic Acid (PFPeS)	113		-		55-160	-		
Perfluoroheptanoic Acid (PFHpA)	109		-		65-145	-		
Perfluorohexanesulfonic Acid (PFHxS)	126		-		60-150	-		
Perfluorooctanoic Acid (PFOA)	120		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	121		-		55-200	-		
Perfluoroheptanesulfonic Acid (PFHpS)	106		-		65-155	-		
Perfluorononanoic Acid (PFNA)	126		-		70-155	-		
Perfluorooctanesulfonic Acid (PFOS)	111		-		65-160	-		
Perfluorodecanoic Acid (PFDA)	111		-		70-155	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	119		-		70-150	-		
Perfluorononanesulfonic Acid (PFNS)	90		-		55-140	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	118		-		65-155	-		
Perfluoroundecanoic Acid (PFUnA)	116		-		70-155	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 05,08 Batch: WG2241747-2 LOW LEVEL								
Perfluorodecanesulfonic Acid (PFDS)	71		-		40-155	-		
Perfluorooctanesulfonamide (PFOSA)	112		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	118		-		65-165	-		
Perfluorododecanoic Acid (PFDoA)	101		-		70-150	-		
Perfluorotridecanoic Acid (PFTrDA)	88		-		65-150	-		
Perfluorotetradecanoic Acid (PFTeDA)	118		-		65-150	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	98		-		70-145	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	113		-		70-160	-		
Perfluorododecanesulfonic Acid (PFDoS)	32		-		25-160	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	102		-		70-150	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	72		-		45-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	128		-		70-155	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	126		-		70-140	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	112		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	117		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	101		-		30-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 05,08 Batch: WG2241747-2 LOW LEVEL								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	105		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	102		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	106		-		60-155	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	112		-		45-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	113		-		60-130	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	89		-		60-150	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 05,08 Batch: WG2241747-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	102				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	107				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	77				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	102				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	104				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	106				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	81				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	88				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	92				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	90				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	68				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	101				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	106				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	81				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	100				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	71				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	71				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	73				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	36				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	104				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	17				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	13				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	49				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	43				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 05,08 Batch: WG2241747-3								
Perfluorobutanoic Acid (PFBA)	106		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	105		-		60-150	-		
Perfluorobutanesulfonic Acid (PFBS)	113		-		65-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	116		-		60-150	-		
Perfluorohexanoic Acid (PFHxA)	111		-		65-140	-		
Perfluoropentanesulfonic Acid (PFPeS)	114		-		55-160	-		
Perfluoroheptanoic Acid (PFHpA)	124		-		65-145	-		
Perfluorohexanesulfonic Acid (PFHxS)	110		-		60-150	-		
Perfluorooctanoic Acid (PFOA)	103		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	104		-		55-200	-		
Perfluoroheptanesulfonic Acid (PFHpS)	117		-		65-155	-		
Perfluorononanoic Acid (PFNA)	109		-		70-155	-		
Perfluorooctanesulfonic Acid (PFOS)	103		-		65-160	-		
Perfluorodecanoic Acid (PFDA)	110		-		70-155	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	118		-		70-150	-		
Perfluorononanesulfonic Acid (PFNS)	98		-		55-140	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	114		-		65-155	-		
Perfluoroundecanoic Acid (PFUnA)	105		-		70-155	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 05,08 Batch: WG2241747-3								
Perfluorodecanesulfonic Acid (PFDS)	72		-		40-155	-		
Perfluorooctanesulfonamide (PFOSA)	114		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	117		-		65-165	-		
Perfluorododecanoic Acid (PFDoA)	110		-		70-150	-		
Perfluorotridecanoic Acid (PFTrDA)	76		-		65-150	-		
Perfluorotetradecanoic Acid (PFTeDA)	114		-		65-150	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	112		-		70-145	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	115		-		70-160	-		
Perfluorododecanesulfonic Acid (PFDoS)	29		-		25-160	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	107		-		70-150	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	70		-		45-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	118		-		70-155	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	122		-		70-140	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	112		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	113		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	100		-		30-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 05,08 Batch: WG2241747-3								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	106		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	107		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	104		-		60-155	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	109		-		45-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	116		-		60-130	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	86		-		60-150	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 05,08 Batch: WG2241747-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	103				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	110				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	81				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	93				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	98				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	101				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	84				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	106				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	100				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	98				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	77				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	89				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	93				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	82				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	86				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	69				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	71				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	56				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	30				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	103				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	17				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	15				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	47				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	40				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,06 Batch: WG2245707-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	108		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	116		-		60-150	-		
Perfluorobutanesulfonic Acid (PFBS)	108		-		65-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	113		-		60-150	-		
Perfluorohexanoic Acid (PFHxA)	108		-		65-140	-		
Perfluoropentanesulfonic Acid (PFPeS)	130		-		55-160	-		
Perfluoroheptanoic Acid (PFHpA)	120		-		65-145	-		
Perfluorohexanesulfonic Acid (PFHxS)	124		-		60-150	-		
Perfluorooctanoic Acid (PFOA)	110		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	106		-		55-200	-		
Perfluoroheptanesulfonic Acid (PFHpS)	115		-		65-155	-		
Perfluorononanoic Acid (PFNA)	108		-		70-155	-		
Perfluorooctanesulfonic Acid (PFOS)	124		-		65-160	-		
Perfluorodecanoic Acid (PFDA)	119		-		70-155	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	121		-		70-150	-		
Perfluorononanesulfonic Acid (PFNS)	94		-		55-140	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	116		-		65-155	-		
Perfluoroundecanoic Acid (PFUnA)	118		-		70-155	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,06 Batch: WG2245707-2 LOW LEVEL								
Perfluorodecanesulfonic Acid (PFDS)	80		-		40-155	-		
Perfluorooctanesulfonamide (PFOSA)	127		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	106		-		65-165	-		
Perfluorododecanoic Acid (PFDoA)	118		-		70-150	-		
Perfluorotridecanoic Acid (PFTrDA)	100		-		65-150	-		
Perfluorotetradecanoic Acid (PFTeDA)	117		-		65-150	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	113		-		70-145	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	112		-		70-160	-		
Perfluorododecanesulfonic Acid (PFDoS)	52		-		25-160	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	130		-		70-150	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	94		-		45-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	130		-		70-155	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	132		-		70-140	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	103		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	118		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	100		-		30-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,06 Batch: WG2245707-2 LOW LEVEL								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	102		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	111		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	109		-		60-155	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	102		-		45-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	115		-		60-130	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	62		-		60-150	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,06 Batch: WG2245707-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	100				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	105				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	98				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	93				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	99				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	103				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	92				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	95				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	89				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	99				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	92				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	94				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	87				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	71				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	78				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	71				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	63				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	54				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	43				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	101				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	18				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	15				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	46				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	41				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,06 Batch: WG2245707-3								
Perfluorobutanoic Acid (PFBA)	105		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	114		-		60-150	-		
Perfluorobutanesulfonic Acid (PFBS)	112		-		65-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	105		-		60-150	-		
Perfluorohexanoic Acid (PFHxA)	109		-		65-140	-		
Perfluoropentanesulfonic Acid (PFPeS)	106		-		55-160	-		
Perfluoroheptanoic Acid (PFHpA)	114		-		65-145	-		
Perfluorohexanesulfonic Acid (PFHxS)	106		-		60-150	-		
Perfluorooctanoic Acid (PFOA)	106		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	108		-		55-200	-		
Perfluoroheptanesulfonic Acid (PFHpS)	110		-		65-155	-		
Perfluorononanoic Acid (PFNA)	112		-		70-155	-		
Perfluorooctanesulfonic Acid (PFOS)	106		-		65-160	-		
Perfluorodecanoic Acid (PFDA)	113		-		70-155	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	128		-		70-150	-		
Perfluorononanesulfonic Acid (PFNS)	106		-		55-140	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	114		-		65-155	-		
Perfluoroundecanoic Acid (PFUnA)	116		-		70-155	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,06 Batch: WG2245707-3								
Perfluorodecanesulfonic Acid (PFDS)	88		-		40-155	-		
Perfluorooctanesulfonamide (PFOSA)	106		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	111		-		65-165	-		
Perfluorododecanoic Acid (PFDoA)	115		-		70-150	-		
Perfluorotridecanoic Acid (PFTrDA)	98		-		65-150	-		
Perfluorotetradecanoic Acid (PFTeDA)	108		-		65-150	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	109		-		70-145	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	113		-		70-160	-		
Perfluorododecanesulfonic Acid (PFDoS)	61		-		25-160	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	116		-		70-150	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	96		-		45-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	113		-		70-155	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	127		-		70-140	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	111		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	115		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	99		-		30-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,06 Batch: WG2245707-3								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	102		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	110		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	112		-		60-155	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	107		-		45-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	116		-		60-130	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	93		-		60-150	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,06 Batch: WG2245707-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	101				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	104				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	93				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	87				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	95				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	100				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	92				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	93				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	90				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	99				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	94				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	94				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	83				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	85				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	90				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	86				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	76				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	68				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	54				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	100				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	28				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	22				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	59				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	54				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02-04,07 Batch: WG2246368-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	97		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	98		-		60-150	-		
Perfluorobutanesulfonic Acid (PFBS)	98		-		65-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	109		-		60-150	-		
Perfluorohexanoic Acid (PFHxA)	103		-		65-140	-		
Perfluoropentanesulfonic Acid (PFPeS)	97		-		55-160	-		
Perfluoroheptanoic Acid (PFHpA)	104		-		65-145	-		
Perfluorohexanesulfonic Acid (PFHxS)	97		-		60-150	-		
Perfluorooctanoic Acid (PFOA)	96		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	109		-		55-200	-		
Perfluoroheptanesulfonic Acid (PFHpS)	98		-		65-155	-		
Perfluorononanoic Acid (PFNA)	105		-		70-155	-		
Perfluorooctanesulfonic Acid (PFOS)	99		-		65-160	-		
Perfluorodecanoic Acid (PFDA)	103		-		70-155	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	97		-		70-150	-		
Perfluorononanesulfonic Acid (PFNS)	100		-		55-140	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	100		-		65-155	-		
Perfluoroundecanoic Acid (PFUnA)	96		-		70-155	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02-04,07 Batch: WG2246368-2 LOW LEVEL								
Perfluorodecanesulfonic Acid (PFDS)	80		-		40-155	-		
Perfluorooctanesulfonamide (PFOSA)	104		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	102		-		65-165	-		
Perfluorododecanoic Acid (PFDoA)	94		-		70-150	-		
Perfluorotridecanoic Acid (PFTrDA)	72		-		65-150	-		
Perfluorotetradecanoic Acid (PFTeDA)	100		-		65-150	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	100		-		70-145	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	117		-		70-160	-		
Perfluorododecanesulfonic Acid (PFDoS)	50		-		25-160	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	106		-		70-150	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	87		-		45-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	95		-		70-155	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	111		-		70-140	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	101		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	107		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	84		-		30-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02-04,07 Batch: WG2246368-2 LOW LEVEL								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	98		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	94		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	92		-		60-155	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	96		-		45-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	98		-		60-130	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	90		-		60-150	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02-04,07 Batch: WG2246368-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	110				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	110				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	96				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	82				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	110				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	111				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	98				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	110				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	86				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	94				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	112				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	120				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	90				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	91				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	117				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	88				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	90				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	97				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	55				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	112				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	43				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	37				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	80				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	75				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02-04,07 Batch: WG2246368-3								
Perfluorobutanoic Acid (PFBA)	106		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	110		-		60-150	-		
Perfluorobutanesulfonic Acid (PFBS)	95		-		65-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	107		-		60-150	-		
Perfluorohexanoic Acid (PFHxA)	110		-		65-140	-		
Perfluoropentanesulfonic Acid (PFPeS)	102		-		55-160	-		
Perfluoroheptanoic Acid (PFHpA)	110		-		65-145	-		
Perfluorohexanesulfonic Acid (PFHxS)	100		-		60-150	-		
Perfluorooctanoic Acid (PFOA)	97		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	113		-		55-200	-		
Perfluoroheptanesulfonic Acid (PFHpS)	102		-		65-155	-		
Perfluorononanoic Acid (PFNA)	110		-		70-155	-		
Perfluorooctanesulfonic Acid (PFOS)	101		-		65-160	-		
Perfluorodecanoic Acid (PFDA)	114		-		70-155	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	100		-		70-150	-		
Perfluorononanesulfonic Acid (PFNS)	104		-		55-140	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	113		-		65-155	-		
Perfluoroundecanoic Acid (PFUnA)	120		-		70-155	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02-04,07 Batch: WG2246368-3								
Perfluorodecanesulfonic Acid (PFDS)	88		-		40-155	-		
Perfluorooctanesulfonamide (PFOSA)	111		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	115		-		65-165	-		
Perfluorododecanoic Acid (PFDoA)	108		-		70-150	-		
Perfluorotridecanoic Acid (PFTrDA)	77		-		65-150	-		
Perfluorotetradecanoic Acid (PFTeDA)	105		-		65-150	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	106		-		70-145	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	123		-		70-160	-		
Perfluorododecanesulfonic Acid (PFDoS)	47		-		25-160	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	107		-		70-150	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	92		-		45-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	110		-		70-155	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	120		-		70-140	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	114		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	115		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	101		-		30-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02-04,07 Batch: WG2246368-3								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	106		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	102		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	105		-		60-155	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	112		-		45-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	111		-		60-130	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	103		-		60-150	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02-04,07 Batch: WG2246368-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	104				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	103				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	100				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	90				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	103				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	105				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	97				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	112				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	87				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	93				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	110				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	116				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	97				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	84				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	100				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	84				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	83				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	89				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	53				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	107				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	48				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	40				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	76				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	73				15-130

INORGANICS
&
MISCELLANEOUS

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

SAMPLE RESULTS

Lab ID: L2643105-01
Client ID: MW-1 1-5
Sample Location: AL

Date Collected: 07/02/26 18:00
Date Received: 07/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	78.4		%	0.100	0.100	1	-	07/10/26 14:46	121,2540G	ASL

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

SAMPLE RESULTS

Lab ID: L2643105-02
Client ID: MW-1 10-15
Sample Location: AL

Date Collected: 07/02/26 18:05
Date Received: 07/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	72.9		%	0.100	0.100	1	-	07/10/26 14:46	121,2540G	ASL

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

SAMPLE RESULTS

Lab ID: L2643105-03
Client ID: MW-2 1-5
Sample Location: AL

Date Collected: 07/02/26 19:30
Date Received: 07/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	81.7		%	0.100	0.100	1	-	07/10/26 14:46	121,2540G	ASL

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

SAMPLE RESULTS

Lab ID: L2643105-04
Client ID: MW-2 10-15
Sample Location: AL

Date Collected: 07/02/26 19:35
Date Received: 07/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	79.8		%	0.100	0.100	1	-	07/10/26 14:46	121,2540G	ASL

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

SAMPLE RESULTS

Lab ID: L2643105-05
Client ID: MW-3 1-5
Sample Location: AL

Date Collected: 07/02/26 20:10
Date Received: 07/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	80.9		%	0.100	0.100	1	-	07/10/26 14:46	121,2540G	ASL

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

SAMPLE RESULTS

Lab ID: L2643105-06
Client ID: MW-3 5-10
Sample Location: AL

Date Collected: 07/02/26 20:15
Date Received: 07/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	84.0		%	0.100	0.100	1	-	07/10/26 14:46	121,2540G	ASL

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

SAMPLE RESULTS

Lab ID: L2643105-07
Client ID: MW-4 1-5
Sample Location: AL

Date Collected: 07/02/26 21:00
Date Received: 07/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	84.5		%	0.100	0.100	1	-	07/10/26 14:46	121,2540G	ASL

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

SAMPLE RESULTS

Lab ID: L2643105-08
Client ID: MW-4 5-10
Sample Location: AL

Date Collected: 07/02/26 21:05
Date Received: 07/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	82.0		%	0.100	0.100	1	-	07/10/26 14:46	121,2540G	ASL

Lab Duplicate Analysis

Batch Quality Control

Project Name: L1992232

Project Number: L1992232

Lab Number: L2643105

Report Date: 07/27/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG2239913-1 QC Sample: L2643105-04 Client ID: MW-2 10-15						
Solids, Total	79.8	80.2	%	1		10

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Present/Intact
B	Present/Intact
C	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2643105-01A	Plastic 90mL Unpreserved for PFAS	NA	NA			Y	Absent		A2-TS(7),A2-1633(90)
L2643105-02A	Plastic 90mL Unpreserved for PFAS	NA	NA			Y	Absent		A2-TS(7),A2-1633(90)
L2643105-03A	Plastic 90mL Unpreserved for PFAS	NA	NA			Y	Absent		A2-TS(7),A2-1633(90)
L2643105-04A	Plastic 90mL Unpreserved for PFAS	NA	NA			Y	Absent		A2-TS(7),A2-1633(90)
L2643105-05A	Plastic 90mL Unpreserved for PFAS	NA	NA			Y	Absent		A2-TS(7),A2-1633(90)
L2643105-06A	Plastic 90mL Unpreserved for PFAS	NA	NA			Y	Absent		A2-TS(7),A2-1633(90)
L2643105-07A	Plastic 90mL Unpreserved for PFAS	NA	NA			Y	Absent		A2-TS(7),A2-1633(90)
L2643105-08A	Plastic 90mL Unpreserved for PFAS	NA	NA			Y	Absent		A2-TS(7),A2-1633(90)

*Values in parentheses indicate holding time in days

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: L1992232
Project Number: L1992232

Lab Number: L2643105
Report Date: 07/27/26

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	L1992232	**Lab Number:**	L2643105
Project Number:	L1992232	**Report Date:**	07/27/26

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	L1992232	**Lab Number:**	L2643105
Project Number:	L1992232	**Report Date:**	07/27/26

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	L1992232	**Lab Number:**	L2643105
Project Number:	L1992232	**Report Date:**	07/27/26

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: L1992232 **Lab Number:** L2643105

Project Number: L1992232 **Report Date:** 07/27/26

REFERENCES

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

168 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. EPA Method 1633A, EPA 820-R-24-007, December 2024. For MCP, WSC-CAM-XA, September 2025. For CT DEEP RCP, USEPA Method 1633, Version 1.0, July 2026.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

ENV-FORM-WES2-0065 v03 Certificate/Approval Program Summary

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
Biological Tissue Matrix: EPA 3050B

PAS-MAN1 Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028
EPA 524.2: 1,3,5-Trichlorobenzene, m/p-Xylene, o-xylene.
EPA 625.1: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, N-Nitrosodiphenylamine.
EPA 8081B NPW and SCM: Alachlor, Endrin Ketone, Hexachlorobenzene.
EPA 8260D NPW: Tetrahydrofuran, 1,3,5-Trichlorobenzene; **SCM:** TAME, TBEE, Diethyl ether, DIPE, Tetrahydrofuran. 1,3,5-Trichlorobenzene, Freon-113.
EPA 8270E: NPW: Carbazole, 1-Methylnaphthalene, Pentachloronitrobenzene; **SCM:** Carbazole, 1-Methylnaphthalene.
EPA TO-13: Air: Benzo(e)pyrene, 1-Methylnaphthalene, 2-Methylnaphthalene, Perylene.
EPA TO-4A Pesticide Air: delta-BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Hexachlorobenzene, Methoxychlor.
SM4500: NPW: Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NH3, NECi: NO2, NO3, ASTMD516.

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 504.1: EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

ENV-FORM-WES2-0065 v03 Certificate/Approval Program Summary

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

Drinking Water
EPA 300.0: NO3, NO2, Fl, Cl, SO4. **NECI Reductase**: NO3, NO2.
SM4500F-C, SM4500Cl-B, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.
EPA 537.1; EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: SM9223-P/A: TC/EC; SM9223B-Colilert-enumeration: TC/EC; HPC-Simplate.

Non-Potable Water
SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500Cl-B, SM4500NH3-B, C, EPA 350.1, NECi: NO3, **SM4500NH3-B, C: TKN, SM4500P-E: Ortho Phosphate, SM4500P-B, E: Total Phosphorus, EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500Cl-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0:** Cl, SO4, NO3.
EPA 624.1: Volatile Halocarbons, Volatile Aromatics.
EPA 608.3: Chlordane, Toxaphene, Aldrin, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs.
EPA 625.1: SVOC-Acid Extractables and Base/Neutrals
Microbiology: SM9223B-Colilert: E. coli (Ambient and Wastewater), **SM9223B-Colilert-18:** Fecal Coliform (Wastewater).

Certification IDs:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY KY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, CA 3117, CO MA00030, CT PH-0825, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MD 350, MA M-MA00030, MI 9110, MN 025-999-495, NV MA00030, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, UT MA00030, VT VT-0015, VA 460194, WA C954.

PAS-MAN1 Mansfield Air Lab Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

PAS-ELON East Longmeadow Facility – 39 Spruce St. East Longmeadow, MA 01028
CT PH-0821, ME MA00100, MI 9100, NC (DENR) 652, NC (DW) 25703, MA M-MA100, NH (Secondary) 2516, NH (Primary) 2557, NJ MA007, NY 10899, PA 68-05812, RI LAO00373, VA 460217, VT-255716, WV DEP 419, WV-DW 9979C, LA 05130, LA-DW LA042, MD-DW 373, OH 87781.

For a complete listing of analytes and methods, please contact your Project Manager.

7/9/26

L2643105
PACE – TN

Sub-Contract Chain of Custody

Batch Date/Time: 07/08/26 13:48
Sub-Contract Lab: ALPHAWMA
Address: 320 Forbes Boulevard
City/State: Mansfield, MA 02048
Contact:
west.pm.managers@pacelabs.com
Owner Lab: PACEMTJL
Address: 12065 Lebanon Rd.
City/State: Mt. Juliet, TN 37122
Phone: (615) 773-9756
Fax: (615) 758-5859

WO: WG2789153
Email: MTJLSuboutTeam@pacelabs.com
Results Due Date: 07/28/26
ESC Purchase Order #: L1992232
Send Reports to: Skylar S DeBoer

12065 Lebanon Rd.
Mt. Juliet, TN 37122
Phone:(615) 773-9756
Fax:(615) 758-5859

43105
-01
-02
-03
-04
-05
-06
-07
-08

Sample ID Container ID	Matrix	State	Collect Date	Description	Sample Number Lab Use Only	Sample Comments Lab Use Only
MW-1 1-5 PFAS-90mlPP-NoPres - 57372990	SS	AL	07/02/26 18:00	SUBPFAS1633	1. L1992232-01	
MW-1 10-15 PFAS-90mlPP-NoPres - 57372991	SS	AL	07/02/26 18:05	SUBPFAS1633	2. L1992232-02	
MW-2 1-5 PFAS-90mlPP-NoPres - 57372992	SS	AL	07/02/26 19:30	SUBPFAS1633	3. L1992232-03	
MW-2 10-15 PFAS-90mlPP-NoPres - 57372993	SS	AL	07/02/26 19:35	SUBPFAS1633	4. L1992232-04	
MW-3 1-5 PFAS-90mlPP-NoPres - 57372994	SS	AL	07/02/26 20:10	SUBPFAS1633	5. L1992232-05	
MW-3 5-10 PFAS-90mlPP-NoPres - 57372995	SS	AL	07/02/26 20:15	SUBPFAS1633	6. L1992232-06	
MW-4 1-5 PFAS-90mlPP-NoPres - 57372996	SS	AL	07/02/26 21:00	SUBPFAS1633	7. L1992232-07	
MW-4 5-10 PFAS-90mlPP-NoPres - 57372997	SS	AL	07/02/26 21:05	SUBPFAS1633	8. L1992232-08	

*= Container used for multiple Samples and/or Analyses

Relinquished by: [signature] **Date** 7-8-26
Received by: FEDEX **Date**
Relinquished by: FEDEX **Date** 7/9/26 1032
Received by: [signature] **Date** 7/9/26 1032



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12065 LEBANON RD
MOUNT JULIET, TN 37122
UNITED STATES US

SHIP DATE: 08JUL26
ACTWGT: 18.00 LB
CAD: 265072147/FAPI2220
DIMS: 24x16x16 IN

BILL SENDER

TO ATTN: SAMPLE LOGIN
ALPHAWMA
320 FORBES BOULEVARD

MANSFIELD MA 02043

(508) 998-9220

FedEx

THU - 09 JUL 10:
PRIORITY OVERNI

TRK# 8741 3252 6131

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DATE 7-8-26
SIGNATURE

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MOUNT JULIET, TN 37122
UNITED STATES US

SHIP DATE: 08JUL26
ACTWGT: 18.00 LB
CAD: 265072147/FAPI2220
DIMS: 24x16x16 IN

BILL SENDER

TO ATTN: SAMPLE LOGIN
ALPHAWMA
320 FORBES BOULEVARD

MANSFIELD MA 02043

(508) 998-9220

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THU - 09 JUL 10:30A
PRIORITY OVERNIGHT

TRK# 8741 3246 086

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02048
MA-US BOS

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ORIGIN (D:9NAA (615) 758-5858
PACE LABS
PACE LABS
12065 LEBANON RD

MOUNT JULIET, TN 37122
UNITED STATES US

SHIP DATE: 08JUL26
ACTWGT: 20.00 LB
CAD: 2650721474/FAP12208
DIMS: 24x16x16 IN

BILL SENDER

TO ATTN: SAMPLE LOGIN
ALPHAWMA
320 FORBES BOULEVARD

MANSFIELD MA 02048
(508) 698-9220 REF: ALPHAWMA
INV:
PO: DEPT:

FedEx Express

TRK # 0201 8741 3222 4244

THU - 09 JUL 10:30A
PRIORITY OVERNIGHT

XA PYMA

02048
MA-US BOS

TODY SEAL
7-8-2
TURE

Sample Delivery Group Summary

Pace Job Number : L2643105
Received : 09-JUL-2026
Reviewer : Charles McCrosson

Account Name : Pace Mt. Juliet, TN
Project Number : L1992232
Project Name : L1992232

Delivery Information

Samples Delivered By : Express Ship
FedEx (8741 3222 4244, 8741 3252 6131, 8741 3246 4086)

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Present/Intact/NA	Ice	4.1	
B	Present/Intact/NA	Ice	1.8	
C	Present/Intact/NA	Ice	4.0	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

bullock environmental, llc 4924 5th avenue south, birmingham, alabama 35222 t 205.876.1715 f 205.443.9413

SITE-SPECIFIC SOIL MANAGEMENT PLAN

ANTHONY'S PELHAM CARWASH
2941 PELHAM PARKWAY
PELHAM, SHELBY COUNTY, ALABAMA
ADEM VCP SITE #: 461-117-26034

This Soil Management Plan sets forth the procedures for handling and management of subsurface material during future use of the Site. Likewise, the plan details the recommended Site controls, waste management practices, and transportation of such material if it is disturbed.

Considering the continued commercial use of the Site and the results summarized in previous reports, there appears to be no viable risk through applicable exposure pathways (i.e., surficial soil, subsurface soil, groundwater, and vapor intrusion) to current or future occupants. As such, the following Soil Management Plan has been prepared to address handling and management of materials disturbed during future redevelopment efforts.

Chemicals of Concern

The primary COCs at the Site include perfluorooctanoic acid ("PFOA"), which was detected in soil above its EPA industrial Regional Screening Level ("RSL", last updated November 2024), and perfluorooctanoic acid (PFOA), perfluorooctanesulfonic acid ("PFOS"), and perfluorodecanoic acid ("PFDA"), which were detected above the EPA Maximum Contaminant Levels ("MCLs") and/or tap water RSLs in one groundwater sampling location.

Handling

Should future Site improvements require the disturbance of subsurface soil on the Site, Bullock recommends that all personnel don Level D personal protective equipment (PPE) to minimize contact with potentially affected media (to include particulate dusk masks or similar protective measures). Beyond the standard PPE required for construction sites (hard hats, safety glasses, steel-toed boots, etc.), workers who handle the soil should do so with protective gloves, including but not limited to standard work gloves or impermeable material such as latex or nitrile. To minimize potential dispersion of particulates, field personnel should have on hand a water truck to maintain adequate moisture on the ground surface to mitigate fugitive dust (if such Site conditions are observed or the potential for these conditions is anticipated).

Management

During future grading and excavation activities, field personnel should manage this material on the Site (i.e., No soil should be removed from the Site without first conducting an adequate waste characterization to ensure it is handled and disposed in accordance with applicable state and federal regulations). If future development requires the removal of soil from the Site, the contractor shall contact Pelham New Day, LLC (or its designated representatives), who will then engage their representatives to oversee the management and disposal of this material. For soil managed or staged for longterm storage on the Site, Bul-

lock recommends that this material (following characterization for its suitability) be transferred to a pre-designated area where it will be graded and seeded to minimize potential sediment runoff.

In addition (and if applicable), field personnel will manage all disturbed areas in accordance with the requirements set forth in a construction stormwater permit, and related Best Management Practices (BMPs) Plan, to be obtained from the Alabama Department of Environmental Management (ADEM) in advance of any land disturbance to exceed one acre. For soils accumulated in the pre-designated area of the Site, field personnel shall incorporate appropriate controls (i.e., silt fencing, hay bales, or other mitigation measures) to reduce or eliminate sediment runoff into Waters of the State.

Waste Management & Characterization

If waste is generated which is required to be transferred offsite, Pelham New Day, LLC representatives will implement appropriate measures to segregate and properly manage potentially affected media, if encountered, during future grading and/or excavation activities. Such materials will be handled and managed in accordance with applicable ADEM Solid Waste regulations*.

Waste material (if any) generated during such grading or excavation activities will be characterized and staged in accordance with ADEM Administrative Code 335-14-2 for waste determination requirements. More specifically, the waste will be characterized in 20-cubic yard (yd^3) increments (representative, composite samples) with ten 20-yd^3 composite samples consolidated to represent a 200-yd^3 volume (should such a volume be generated). These waste characterization samples will be submitted for laboratory analysis of applicable COCs (i.e., metals or other applicable constituents as encountered) according to appropriate Environmental Protection Agency (EPA) Methods. If COCs are present (in total concentration) at levels exceeding 20 times the Toxicity Characteristic Leaching Procedure (TCLP) threshold, Pelham New Day, LLC representatives will instruct the laboratory to conduct a TCLP analysis for that (or those) specific constituent(s) to confirm its character as non-hazardous or hazardous waste.

Representative sampling and analysis of the waste will be conducted to determine whether it exhibits one of the characteristics found at ADEM Admin. Code r. 335-14-2-.03. A "representative sample" is a sample of a universe that can be expected to exhibit the average properties of the universe. A representative sample is required to properly characterize a waste stream using sampling and analysis.

Following generation, Pelham New Day, LLC representatives will stage the waste material on polyethylene sheeting in a designated area on the Site and cover the material with polyethylene to mitigate potential runoff. The stockpiles will be staged in up to 200-yd^3 volumes (i.e, ten separate stockpiles of waste containing 20 yd^3 each).

Upon characterization of the generated waste (should such waste be generated), Pelham New Day, LLC representatives will complete and submit ADEM Form 300 for review and approval by the Solid Waste Branch and dispose of such waste in accordance with the requirements set forth in an approved solid waste profile.

* *Waste material (if any) generated during such grading or excavation activities will be characterized and staged in accordance with ADEM Administrative Code 335-14-2 for waste determination requirements. Representative sampling and analysis of the waste will be conducted to determine whether it exhibits one of the characteristics found at ADEM Admin. Code r. 335-14-2-.03. A "representative sample" is a sample of a universe that can be expected to exhibit the average properties of the universe. A representative sample is required to properly characterize a waste stream using sampling and analysis.*

PFOA was detected at a concentration of 0.000162 milligrams per kilogram (mg/kg), above its EPA-established RSL of 0.000078 mg/kg in soil borings MW-1 through MW-3 (1 to 5 feet below land surface).

PFOA, PFOS, and PFDA were detected in one groundwater sample (B-1) at concentrations of 69 nanograms per liter (ng/L), 6.3 ng/L, and 1.3 ng/L, respectively. While previous investigations have identified no evidence of an onsite source related to per- and polyfluoroalkyl substances (PFAS), groundwater is present at more than 25 feet below land surface. As such, onsite excavation work is not anticipated to extend to this depth.

ENVIRONMENTAL COVENANT

Pelham New Day, LLC, a Delaware limited liability company ("**Grantor**"), grants an Environmental Covenant (hereinafter "**Environmental Covenant**" or "**Covenant**") this_____day of _____, 2026, to the following entities pursuant to The Alabama Uniform Environmental Covenants Act, Ala. Code §§ 35-19-1 to 35-19-14 (2014 Cum. Supp.) (hereinafter "**Act**" or the "**Act**"), and the regulations promulgated thereunder: the Alabama Department of Environmental Management ("**ADEM**").

WHEREAS, Grantor is the owner of certain real property located in the City of Pelham, Shelby County, Alabama, at 2941 Pelham Parkway, Pelham, Alabama, comprising approximately one acre of commercial land occupied by Anthony's Pelham Carwash (hereinafter the "**Property**"), more particularly described in **Exhibit A** attached hereto;

WHEREAS, this instrument is an Environmental Covenant developed and executed pursuant to the Act and the regulations promulgated thereunder;

WHEREAS, during the course of the environmental assessment performed on the Property, perfluorooctanoic acid ("PFOA") was detected above the EPA industrial Regional Screening Levels (November 2024) ("RSLs") in shallow soils on the Property, and perfluorooctanoic acid (PFOA), perfluorooctanesulfonic acid ("PFOS"), and perfluorodecanoic acid ("PFDA") were detected above the EPA Maximum Contaminant Levels ("MCLs") and/or tap water RSLs in the groundwater beneath the Property (hereinafter collectively referred to as the "**Identified Contaminants**").

WHEREAS, the environmental due diligence work revealed that, at some unknown time in the past prior to Grantor's acquisition, a release or leak of the Identified Contaminants occurred in isolated locations on the Property which are not attributable to an onsite source;

WHEREAS, pursuant to the Alabama Land Recycling and Economic Redevelopment Act and the Voluntary Cleanup Program ("VCP") administered by ADEM, Grantor and Property were accepted into the VCP (Site No. 461-117-26034) and Grantor has prepared and submitted to ADEM submitted a Voluntary Property Assessment Report dated August 10, 2026 ("Voluntary Property Assessment Report");

WHEREAS, the Voluntary Property Assessment Report recommends, and ADEM's approval requires, the implementation of those institutional controls identified in Paragraph 2 of this Covenant to address the effects, if any, of the Identified Contaminants that remain in place in certain portions of the Property;

WHEREAS, the purpose of this Covenant is to ensure protection of human health and the environment by placing restrictions on the Property to reduce the risk to human health to below target risk levels for those Identified Contaminants that remain beneath the Property;

WHEREAS, with ADEM's concurrence, some concentrations of Identified Contaminants shall remain in place beneath the Property. These Identified Contaminants include:

Shallow Soil: perfluorooctanoic acid (PFOA).

Groundwater: perfluorooctanoic acid (PFOA), perfluorooctanesulfonic acid (PFOS), and perfluorodecanoic acid (PFDA).

WHEREAS, notwithstanding the fact that only certain areas beneath the Property will retain certain concentrations of the Identified Contaminants, Grantor has elected to place this Covenant and certain restrictions on the Property;

WHEREAS, further information concerning the Identified Contaminants and the activities to correct the effects of the Identified Contaminants may be obtained by contacting Chief, Land Division, ADEM, or his or her designated representative, at 1400 Coliseum Boulevard, Montgomery, Alabama, 36110;

WHEREAS, the Administrative Record concerning the Property is located at Alabama Department of Environmental Management, 1400 Coliseum Boulevard, Montgomery, Alabama 36110;

NOW, THEREFORE, Grantor hereby grants this Environmental Covenant to ADEM, and declares that the Property shall hereinafter be bound by, held, sold, used, improved, occupied, leased, hypothecated, encumbered, and/or conveyed subject to Restrictive Covenants.

1. DEFINITIONS

Owner. "Owner" means the titleholder of the Property pursuant to a valid conveyance or other transfer of title pursuant to applicable law.

2. USE RESTRICTIONS

The following use restrictions apply to the Property (described in **Exhibit A**) and remain in effect unless and until prior written approval is obtained from ADEM through modification of this covenant and is in accordance with the Act:

(A) The use of onsite groundwater for potable or irrigation purposes from or on the Property shall not be allowed, and this groundwater use limitation shall remain in place in perpetuity unless and until ADEM otherwise provides written authorization to remove this limitation; and

(B) The Property shall not be used for residential purposes (as described in Section 6.1 of the February 2017 ADEM Alabama Risk-Based Corrective Action Guidance Manual, which includes, but is not limited to, dwellings, homes, schools, daycares, child-care centers, hospitals, nursing homes, playgrounds, and recreation centers). Use of the Property shall be limited to commercial and/or industrial activities.

3. **GENERAL PROVISIONS**

A. **Restrictions to Run with the Land.** This Covenant runs with the land pursuant to Ala. Code §35-19-5 (2014 Cum Supp.); is perpetual, unless modified or terminated pursuant to the terms of this Covenant pursuant to Ala. Code §35-19-9 (Cum Supp. 2014); is imposed upon the entire Property unless expressly stated as applicable only to a specific portion thereof; inures to the benefit of and passes with each and every portion of the Property; and binds the Owner, all persons using the land, all persons, their heirs, successors and assigns having any right, title or interest in the Property, or any part thereof who have subordinated those interests to this Covenant, and all persons, their heirs, successors and assigns who obtain any right, title or interest in the Property, or any part thereof after the recordation of this Covenant.

B. **Notices Required.** In accordance with Ala. Code §35-19-4(b) (2014 Cum Supp.), the Owner shall send written notification, pursuant to Section J, below, following transfer, or prior to proposed changes in zoning or use of (as such uses are described in Section 2(A) and 2(B) above), applications for building permits for, or proposals for site work affecting the contamination on, the Property. Said notification shall be sent within fifteen (15) days of each event listed in this Section.

C. **Registry/Recordation of Environmental Covenant; Amendment; or Termination.** Pursuant to Ala. Code §35-19-12(b) (2014 Cum Supp.), this Covenant and any amendment or termination thereof, shall be contained in ADEM's registry for environmental covenants. After an environmental covenant, amendment, or termination is filed in the registry, a notice of the covenant, amendment, or termination may be recorded in the land records in lieu of recording the entire covenant in compliance with §35-19-12(b). Grantor shall be responsible for filing the Covenant within thirty (30) days of the final required signature upon this Covenant.

D. **Compliance Certification.** In accordance with Ala. Code. § 35-19-4(b)(2014 Cum Supp.), the Owner shall submit an annual report to the Chief of the ADEM Land Division, within thirty (30) days following the anniversary of the date this Covenant was signed by Grantor. Said report shall describe the Owner's compliance, and any lack of compliance with the terms of the Covenant.

E. **Right of Access.** The Owner acknowledges ADEM's reasonable right of access to the Property for implementation or enforcement of this Covenant pursuant to applicable law.

F. **ADEM Reservations.** Notwithstanding any other provision of this Covenant, ADEM retains all of its access authorities and rights provided for under Alabama State Law, as well as all of its rights to require additional land/water use restrictions in accordance with applicable law and the modification procedures set forth in the

Act, as well as all of its enforcement authorities under Alabama State environmental statutes.

G. **Representations and Warranties.** As of the Effective Date, to the best of Grantor's knowledge, Grantor hereby represents and warrants to the other signatories hereto:

(i) That the Grantor has the power and authority to enter into this Covenant, to grant the rights and interests herein provided and to carry out all obligations hereunder;

(ii) That the Grantor is the sole owner of the Property and holds fee simple title which is free, clear and unencumbered except as identified in the title policy obtained by Grantor as part of its acquisition of the Property;

(iii) That the Grantor has identified all other parties that hold any interest (e.g., encumbrance) in the Property and notified such parties of the Grantor's intention to enter into this Covenant;

(iv) That this Covenant will not materially violate, contravene, or constitute a material default under, any other agreement, document, or instrument to which Grantor is a party, by which Grantor may be bound or affected;

(v) That this Covenant will not materially violate or contravene any zoning law or other law regulating use of the Property;

(vi) That this Covenant does not authorize the use of the Property which is otherwise prohibited by a recorded instrument that has priority over the Covenant.

H. **Compliance Enforcement.** In accordance with Ala. Code §35-19-11(b) (2014 Cum Supp.), the terms of the Covenant may be enforced by the parties to this Covenant; any person to whom this Covenant expressly grants power to enforce; or a municipality or other unit of local government in which the real property subject to the Covenant is located, in accordance with applicable law. Prior to commencing any enforcement action, the enforcing party shall provide written notice of the alleged noncompliance to the Owner, who shall have thirty (30) days from receipt of such notice to cure the noncompliance. Failure to timely enforce compliance with this Covenant or the use or activity limitations contained herein by any person shall not bar subsequent enforcement by such person and shall not be deemed a waiver of the person's right to take action to enforce any non-compliance. Nothing in this Covenant shall restrict ADEM, or the Grantor, from exercising any authority under applicable Alabama State law.

I. **Modifications/Termination.** Any modifications or terminations to this Covenant must be made in accordance with Ala. Code §§35-19-9 and 35-19-10 (2014 Cum Supp.).

J. **Notices.** Any document or communication required to be sent pursuant to the terms of this Covenant shall be sent by certified mail, return receipt requested, or by nationally recognized overnight courier service, to the following persons:

ADEM

Chief, Land Division
Alabama Department of Environmental Management
1400 Coliseum Boulevard
Montgomery, Alabama 36110

Grantor

Pelham New Day, LLC
2204 Lakeshore Drive, Suite #450
Birmingham, Alabama 35209
Attn: Mr. Tom Spies

K. **No Property Interest Created in ADEM.** This Covenant does not in any way create any interest by ADEM in the Property that is subject to the Covenant. Furthermore, the act of approving this Covenant does not in any way create any interest by ADEM in the Property in accordance with Ala. Code §35-19-3(b) (2014 Cum. Supp.).

L. **Severability.** If any provision of this Covenant is found to be unenforceable in any respect, the validity, legality, and enforceability of the remaining provisions shall not in any way be affected or impaired.

M. **Governing Law.** This Covenant shall be governed by and interpreted in accordance with the laws of the State of Alabama.

N. **Recordation.** In accordance with Ala. Code §35-19-8(a) (2014 Cum. Supp.), Grantor shall record this Covenant and any amendment or termination of the Covenant in every county in which any portion of the real property subject to this Covenant is located. Grantor agrees to record this Covenant within thirty (30) days after the date of the final required signature upon this Covenant.

O. **Effective Date.** The effective date of this Covenant shall be the date upon which the fully executed Covenant has been recorded, in accordance with Ala. Code §35-19-8(a) (2014 Cum. Supp).

P. **Distribution of Environmental Covenant.** Within fifteen (15) days of filing this Covenant, the Grantor shall distribute a recorded and date stamped copy of the recorded Covenant in accordance with Ala. Code §35-19-7(a) (2014 Cum Supp.). However, the validity of this Covenant will not be affected by the failure to provide a copy of the Covenant as provided herein.

Q. **ADEM References.** All references to ADEM shall include successor agencies, departments, divisions, or other successor entities.

R. **Grantor**. All references to Grantor shall include successors and assigns with respect to ownership of the Property.

Property owner has caused this Environmental Covenant to be executed pursuant to The Alabama Uniform Environmental Covenants Act, on this____ day of _____ 2026.

IN TESTIMONY WHEREOF, the parties have hereunto set their hands this the day and year first above written.

PELHAM NEW DAY, LLC

This Environmental Covenant is hereby approved by Pelham New Day, LLC, this ___ day of _____, 2026.

PELHAM NEW DAY, LLC,
a Delaware limited liability company

By:
Name:
Title:

STATE OF ALABAMA)
)
COUNTY OF JEFFERSON)

I, _____, a Notary Public in and for said County in said State, hereby certify that _____, as _____ of Pelham New Day, LLC, whose name is signed to the foregoing conveyance and who is known to me, acknowledged before me on this day that, being informed of the contents of the conveyance, (s)he, as such officer and with full authority executed the same voluntarily for and as the act of said limited liability company.

Given under my hand this the ____ day of _____, 2026.

[AFFIX NOTARY SEAL]

Notary Public: _____
My Commission Expires: _____

ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

This Environmental Covenant is hereby approved by the State of Alabama this ___ day of _____, 2026.

By: _____

Mr. Stephen A. Cobb
Chief, Land Division
Alabama Department of Environmental Management

STATE OF ALABAMA)
)
COUNTY OF MONTGOMERY)

I, the undersigned Notary Public in and for said County in said State, hereby certify that Stephen A. Cobb, whose name as Chief, Land Division, Alabama Department of Environmental Management is signed to the foregoing conveyance and who is known to me, acknowledged before me on this day that, being informed of the contents of the conveyance, he approved the same voluntarily on the day the same bears date and with full authority to do so.

Given under my hand this the ____ day of _____, 2026.

Notary Public: _____

My Commission Expires: _____

EXHIBIT A

[LEGAL DESCRIPTION]

A parcel of land situated in the NE 1/4 of the NW 1/4 of Section 13, Township 20 South, Range 3 West in Shelby County, Alabama and being more particularly described as follows:

Commence at the NE corner of the South 1/2 of the NE 1/4 of the NW 1/4 of Section 13, Township 20 South, Range 3 West; thence North 82 deg. 58 min. 11 sec. West a distance of 1083.08 feet to the POINT OF BEGINNING; thence continue along the last described course a distance of 193.87 feet to a point on the Easterly right of way line of U.S. Highway No. 31; thence South 32 deg. 31 min. 16 sec. West along said right of way line a distance of 190.00 feet to a point on the Northerly right of way line of Canyon Park Drive; thence South 57 deg. 28 min. 44 sec. East along said right of way line a distance of 175.00 feet; thence North 32 deg. 31 min. 16 sec. East a distance of 273.44 feet to the Point of Beginning; being situated in Shelby County, Alabama.

SUBORDINATION AGREEMENT

_____, a _____ (State) company ("**Lender**"), having an address of_____, is the holder of that certain Mortgage/Security Agreement, granted by Pelham New Day, LLC a Delaware limited liability company, dated as of _____, and recorded in the Office of the Judge of Probate of Shelby County, Alabama, in **Book** _____, at **Page** _____ (the "**Mortgage**").

Lender hereby assents to the grant of the attached Environmental Covenant granted by Pelham New Day, LLC a Delaware limited liability company, to the Alabama Department of Environmental Management ("**ADEM**") and agrees that the Mortgage shall be subject to said Environmental Covenant and to the rights, covenants, restrictions and easements created by and under said Environmental Covenant insofar as the interests created under the Mortgage affect the Property or Impacted Area identified in the Environmental Covenant and as if for all purposes said Environmental Covenant had been executed, delivered and recorded prior to the execution, delivery and recordation and/or registration of the Mortgage.

The execution of this Subordination Agreement by Lender shall not subject such person to liability for environmental remediation pursuant to (Applicable Alabama Legal Authorities), provided that such person shall not otherwise be liable for environmental remediation under another provision of law.

The execution of this Subordination Agreement by Lender shall not be presumed to impose any affirmative obligation on the person with respect to said Environmental Covenant.

Lender's act of subordinating its prior interest in the Property to said Environmental Covenant shall not affect the priority of that interest in relation to any other interests that exist in relation to the property.

Lender further assents specifically to the subsequent recordation and/or registration of a modification to the Environmental Covenant, in accordance with the terms as referenced in the Environmental Covenant and agrees that the Mortgage shall be subject to the Environmental Covenant and to the rights, covenants, restrictions, and easements created thereby and there under insofar as the interests created under the Mortgage affect the Property or Impacted Areas as so modified and as if for all purposes said Environmental Covenant had been executed, delivered and recorded prior to the execution, delivery and recordation of the Mortgage.

[SIGNATURES TO FOLLOW ON THE NEXT PAGE]

Lender has caused this instrument to be executed this _____ day of _____, 2026.

LENDER:

By:_____
Name:_____
Title:_____

NOTARY ACKNOWLEDGEMENT

STATE OF _____)
) ss:
COUNTY OF _____)

On _____, 2026, before me, _____, Notary Public, personally appeared _____, personally known to me to or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that she executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

_____ (SEAL)
Notary Public Signature

My Commission Expires: _____

[AFFIX NOTARY SEAL]

STATE OF ALABAMA

COUNTY OF SHELBY

I, _____, Clerk of Probate of Shelby County, Alabama, do certify that the foregoing Environmental Covenant was lodged in my office for record, and that I have recorded it, this ___ day of _____, 2026 in the Deed Recordation Book ____ on Page ____.

_____
County Clerk