



**VOLUNTARY CLEAN-UP PROGRAM
VOLUNTARY CLEANUP PLAN**

**FORMER KENNEDY GALVANIZING
301 INDUSTRIAL BOULEVARD SOUTHEAST
HANCEVILLE, CULLMAN COUNTY, ALABAMA 35077**

**ADEM VCP SITE No.: 461-043-25036
LABELLA PROJECT No.: 2252027**

PREPARED FOR:

**ZINCFast, LLC
717 KERR DRIVE
GARDENDALE, ALABAMA 35071**

OCTOBER 15, 2025

PREPARED BY:

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1.0 INTRODUCTION

On behalf of ZincFast, LLC (ZincFast), LaBella Associates, DPC (LaBella) has prepared this Voluntary Clean-up Program (VCP) Cleanup Plan to address potential environmental impacts to an approximate 23-acre property located at 301 Industrial Boulevard Southeast in Hanceville, Alabama (Site). The Site location is shown in Figure 1.

An application for participation in the VCP was submitted to the Alabama Department of Environmental Management (ADEM) on April 28, 2025, under separate cover. The application was officially accepted in the Program on June 9, 2025, and was assigned VCP Site number 461-043-25036.



2.0 SITE CHARACTERIZATION

2.1 GENERAL FACILITY DESCRIPTION

The Site is located at 301 Industrial Boulevard Southeast in Hanceville, Cullman County, Alabama, and consists of one parcel totaling approximately 23 acres (parcel number: 23-08-28-0-001-049.002). The Site consists of paved and gravel parking areas, a one-story commercial building approximately 20,750 square feet, and two stormwater detention ponds. The building is used for hot dip galvanizing using molten zinc for small and medium sized parts. The majority of the building is production area with the east and west ends of the building open air to provide ventilation. The southeastern corner of the building contains an enclosed office area. Chemical storage is located within an attached covered shed on the north side of building. Raw steel materials are stored on the east side of the Site with finished material stored on the north and eastern portions of the Site. A Site Map is provided as Figure 2.

2.2 HISTORICAL AND CURRENT LAND USE

According to available information, the Site consists of undeveloped land prior to development. By 2013, the Site was developed with the facility which exists today. Since that time, the Site operated as the commercial manufacturing facility Kennedy Galvanizing, Inc. In 2017, the Industrial Development Board was listed as the owner of the property according to tax assessment information.

2.3 FUTURE LAND USE

The planned future land use is to remain commercial. ZincFast intends to acquire the Site and to continue operation of the hot dip zinc galvanizing plant. Zinc fast intends to expand the galvanizing operations, which will include building modifications and the addition of a concrete parking and drive area surrounding the entire building.

2.4 SURROUNDING LAND USE

The Site is located in an area comprised of agricultural, industrial, and residential use properties. The Site is adjoined to the north by forested land followed by Mud Creek; to the south by agricultural an residential land; to the east by Industrial Boulevard followed by residential land; and to the west by commercial and forested/agricultural use land.



3.0 SITE HISTORY

According to available information, the Site was developed in approximately 2013 with the facility which exists today. Available historical records included a previously completed Phase I Environmental Site Assessment (ESA), which was conducted by another consulting firm and dated December 2024. A copy of this report can be found in the VCP Application Attachment D, that was previously provided to ADEM. Based on the results of the Phase I ESA indicating recognized environmental conditions (RECs), LaBella conducted a Phase II ESA in February 2025. A summary of the Phase I ESA and Phase II ESA are discussed in the following sections.

3.1 PHASE I ESA

Review of the Phase I ESA completed in December 2024 identified the following:

“The findings of this ESA indicated the following recognized environmental conditions (RECs):

- **Petroleum Storage:** From the Site reconnaissance, an unmarked 250-gallon tote of diesel was observed stacked on top of another unmarked 250-gallon empty tote along the southern wall inside the plant building. Reportedly, these totes were used for fuel containment and staging, as a part of historical Site operations. The diesel fuel is used to power the diesel welder outside and the forklifts at the plant. The flooring in the immediate vicinity of this area was covered with debris and staining was observed. It was reported that operations equipment was routinely staged in the tote storage area for equipment refueling as part of historical Site operations. Refueling of the totes is reportedly completed by loading the tote onto a truck and refueling at a fuel station. Secondary containment was not observed at the totes. Based on the general conditions indicative of a material threat of release, as well as observed staining, this finding is considered a REC.
- **General Housekeeping and Materials Management:** From the Geosyntec Site reconnaissance, the following observations were made associated with chemical and material storage and handling.
 - Inside the plant building, zinc drippings and dross, composed of 98% zinc and 2% iron, were observed in cardboard gaylords, 55-gallon open-top drums, and on the floor in the plant building. Zinc drippings were observed near the kettle, spinner, and file area on the machinery and the floor. The staging of these materials is not contained and could result in runoff.
 - In the chemical storage area north of the plant building which housed a variety of chemicals, standing liquid and staining was observed. Specifically, staining was also



observed in the pump area within the chemical storage area and no secondary containment was observed to be present.

- Stained gravel and vegetation were observed outside north and west of the plant building. The northern stained gravel is across from the outside chemical storage area and the staining continues past the gravel into the vegetation toward an unpaved lower area in the northwestern portion of the Subject Property. The western stained gravel is where the raw steel material is staged outside.
- Based on the observed staining, and indications of releases above from the poor housekeeping, this finding is considered a REC. This finding is further supported by regulatory citations issued to the facility for housekeeping-related matters.”

3.2 LIMITED PHASE II ESA

LaBella conducted a Phase II ESA in February 2025 and included the advancement of five soil borings (denoted as SBS-1 through SBS-5) for the purpose of collecting subsurface soils samples. The soil borings were converted to temporary monitoring wells. Additionally, three surficial soil samples including two soil locations located in the plant building and a sediment pond sample were collected as a part of the assessment. A sub-slab vapor survey was completed as part of the assessment to determine the conditions under the building. The Phase II ESA is provided as Attachment A. The following conclusions were provided in the Limited Phase II ESA:

3.2.1 Soil Borings

- A total of five soil borings (SBS-1 through SBS-5) were advanced to depths ranging from approximately 6.5 feet - below ground surface (ft-bgs) to 12.5 ft-bgs. All of the soil samples collected from the soil borings were analyzed for Volatile Organic Compounds (VOCs), Polycyclic Aromatic Hydrocarbons (PAHs), hexavalent chromium, zinc, and RCRA 8 metals.
- A comparison of the detected constituents within the soil samples analyzed for VOCs and PAHs indicated that no VOCs or PAHs were detected above EPA Industrial or Residential Regional Screening Levels (RSLs).
- A comparison of the detected constituents within the soil samples analyzed for metals indicates that arsenic, barium, cadmium, chromium, lead, mercury, and selenium were detected in one or more of the soil samples submitted for analysis. Of the detected constituents, arsenic was the only constituent detected at a concentration that exceeded its EPA Industrial RSL of 3.0 milligram per kilogram (mg/kg). Arsenic was detected above the EPA Industrial RSL in samples collected from borings SBS-1, SBS-3, SBS-4, and SBS-5 and ranged



from 3.93 mg/kg to 10.4 mg/kg. Arsenic was also detected in all of the soil samples collected above the EPA Residential RSL.

- Although arsenic exceeded EPA screening levels, arsenic is naturally occurring and is commonly found at concentrations above EPA Industrial RSLs. According to Elements in North American Soils, James Dracun, Ph.D. and Khaled Chekiri, Ph.D., arsenic is naturally occurring in soils in Alabama up to 11 mg/kg with a mean concentration of 4.7 mg/kg. As such, LaBella is of the opinion that the arsenic present at the Site is within naturally occurring background concentrations; therefore, should not be considered a constituent of concern (COC) for the Site.
- No other metals were detected at concentrations exceeding EPA Industrial RSLs. However, cadmium was detected above the EPA Residential RSL in the samples collected from SBS-1 from 0.5-1.0 ft-bgs, SBS-4 from 2.5-4.0 ft-bgs, and SBS-5 from 0.5-1.0 ft-bgs.

3.2.2 Surficial Soil Samples

- A total of four surface soil samples (SP-1, SFS-1, SFS-2, and SFS-3) were submitted for analysis of VOCs, PAHs, hexavalent chromium, zinc, and RCRA 8 metals. Additional analysis was conducted for TCLP metals for samples collected from SFS-2 and SFS-3, and two additional samples (BFL-1 and GS-1).
- A comparison of the detected constituents within the soil samples analyzed for VOCs and PAHs indicated that the only constituent detected above the EPA Industrial RSLs was PAH benzo(a)pyrene in the sample collected in the stormwater detention pond (SP-1). Additionally, PAHs benzo(a)anthracene, benzo(b)fluoranthene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene were also detected in the sample collected from SP-1 at concentrations that exceeded their EPA Residential RSLs.
- A comparison of the detected constituents within the soil samples analyzed for metals indicates arsenic, barium, cadmium, total chromium, lead, mercury, and zinc were detected in multiple samples submitted for analysis. Arsenic exceeded its Industrial RSL of 3.0 mg/kg in the samples collected from each of the surface soil sample locations; however, as previously discussed LaBella is of the opinion that arsenic should not be considered a COC for the Site. No other metals were detected at concentrations exceeding EPA Industrial RSLs. Metals cadmium and zinc exceeded their EPA Residential RSLs in the sample collected from SP-1.
- Laboratory analytical results for the four surface soil samples submitted to the laboratory for



analysis of TCLP metals (SFS-2, SFS-3, BFL-1, and GS-1) indicated that all detected metals did not exceed the TCLP hazardous waste limit for the toxicity characteristic.

3.2.3 Groundwater

- Five temporary monitoring wells were advanced to refusal to top of bedrock on Site to depths of approximately 9.54 ft-bgs to 15.42 ft-bgs. Groundwater was only encountered in temporary well GW-2 on February 7, 2025. The remaining four wells were dry during this event. Groundwater samples were collected from GW-2 and analyzed for VOCs, PAHs, hexavalent chromium, dissolved zinc, and dissolved RCRA-8 metals.
- Results of the laboratory analysis for the groundwater sample submitted for analysis indicated that one VOC (acetone), one PAH (2-methylnaphthalene), dissolved barium, and dissolved zinc were detected in the samples collected. None of the detected constituents exceeded their respective EPA RSL.

3.2.4 Sub-Slab Vapor Survey

- The sub-slab vapor assessment included the collection of four total shallow sub-slab vapor samples from beneath the plant building (SS-1 through SS-4). Based on the comparison for the four sub-slab samples collected beneath the plant building, two of the samples (SS-1 and SS-4) had carcinogenic risk levels that slightly exceeded applicable screening levels.
- The plant building is open to the atmosphere (along the western and eastern portions of the building); therefore, vapor intrusion risk should be considered minimal within the plant building. The office building on the southeastern portion of the plant building is enclosed, however, the analytical results of the vapor sample collected within the plant building adjacent to the office location, did not exceed applicable screening levels so actual risk would also be low within the office portion of the building.



4.0 RELEASE CHARACTERIZATION AND DISTRIBUTION OF COCS

4.1 CHEMICALS OF CONCERN

Analytical data from the Limited Phase II ESA completed in 2025 was reviewed to determine the COCs for the Site. Constituents in soil or groundwater which had detected concentrations greater than applicable EPA RSLs or the EPA Office of Solid Waste and Emergency Response (OSWER) Vapor Intrusion Screening Levels (VISLs) were considered COCs for the Site.

4.1.1 Chemicals of Concern in Soil

It should be noted that arsenic was detected at concentrations that exceeded EPA RSLs. However, as previously discussed in Section 3.2.1, LaBella is under the opinion that the detected levels of arsenic within the naturally occurring background levels should not be considered COCs for the Site. The following COCs were identified within soil above EPA Industrial RSLs:

COC Above Industrial RSL

- Benzo(a)pyrene

No other PAHs, VOCs or metals, were identified above EPA Industrial RSLs. However, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Dibenzo(a,h)anthracene, Indeno(1,2,3-cd) pyrene, Cadmium, and Zinc were detected above EPA Residential RSLs, The location of EPA Industrial RSL exceedances in soil is provided in Figure 3a.

4.1.2 Chemicals of Concern in Groundwater

No VOCs, PAHs or metals were identified within groundwater.

4.1.3 Chemicals of Concern in Soil Gas

The COCs identified in soil gas that exceeded the vapor intrusion carcinogenic risk included the following:

COCs Above VISLs

- Benzene
- Ethylbenzene

The location of EPA OSWER VISL exceedances in soil gas is provided in Figure 3b.



4.2 DISTRIBUTION OF COCs

Surficial Soil – The only COC identified within soils greater than EPA Industrial RSLs was identified within surficial soil and was identified within the surficial soil sample collected from the northern most sediment pond located north of and downgradient to the chemical storage area. Benzo(a)pyrene exceeded the EPA Industrial RSL of 2.1 mg/kg with a concentration of 4.25 mg/kg in sample SP-1. No other COCs were identified in surficial soils greater than EPA Industrial RSLs.

Subsurface Soil – No COCs were identified in subsurface soils greater than EPA Industrial RSLs.

Groundwater – No COCs were identified in groundwater above EPA maximum contaminate levels (MCLs) or EPA Tapwater screening levels in absence of MCLs.

Soil Gas – Benzene and ethylbenzene were identified within soil gas samples SS-1 and SS-4 installed within the northern portion of the open air building.



5.0 PROPOSED CLEANUP PLAN

The current and planned future use of the property is to remain commercial use property. ZincFast intends to acquire the Site and continue operation of the hot dip zinc galvanizing plant. ZincFast intends to expand the galvanizing operations, which will include building modifications and the addition of a concrete parking and drive area surrounding the entire building. It is worth noting that the east and west sides of the production portion of the building are to remain open air, which will continue to provide flowthrough ventilation within the production area of the building.

5.1 SOIL EXCAVATION

The proposed cleanup to address the EPA Industrial RSL exceedance of benzo(a)pyrene identified within the sediment of the northern stormwater pond on the Site is to excavate the surficial material from the stormwater pond and ditch located on the northern portion of the Site to a depth sufficient to achieve target clean up goals, which is expected to be a depth of up to 0.5 ft-bgs. LaBella has determined that the target clean-up goals for Site soils are EPA Industrial RSLs. Confirmation sampling will occur once the target depth is achieved to ensure the target clean up goals have been met. After receipt of analytical results indicating soil remaining within excavation area is below EPA Industrial RSLs, clean fill material and/or rip rap may be placed into the sediment pond and ditch to achieve appropriate grade, if necessary. Management of excavated materials and confirmation sampling is described in Section 6 of this report. The Proposed Excavation Area Map is provided in Figure 4.

5.2 SOIL MANAGEMENT PLAN

A soil management plan (SMP) will be prepared that will require implementation should Site soil be disturbed, including soils beneath the building slab. A copy of the SMP is provided as Attachment B.

5.3 ENVIRONMENTAL COVENANT

An environmental covenant will be placed on the Site with institutional and engineering controls to include the following:

1. The Site shall be restricted to commercial only (no schools or daycares).
2. Groundwater for potable or irrigation purposes is prohibited.
3. Soils excavated from the Site shall be managed in accordance with the approved SMP.
4. The engineering control will require that the east and west ends of the production building remain open air/unwalled in order to provide flow through ventilation).

THE DRAFT ENVIRONMENTAL COVENANT IS INCLUDED AS ATTACHMENT C.



6.0 MANAGEMENT OF EXCAVATED MATERIALS AND CONFIRMATION SAMPLING

6.1 MANAGEMENT OF EXCAVATED MATERIALS

LaBella proposes to excavate the contaminated sediments/soil and load directly to dump trucks from the excavation and transport to an ADEM approved landfill under manifest. Non-hazardous waste manifests will accompany each load during transport to the approved Subtitle D landfill.

6.2 CONFIRMATION SAMPLING

Upon removal of the targeted volume of soil from the excavation area, confirmation soil samples will be collected from the base of the excavation. LaBella estimates that the excavation depth is not likely to exceed 0.5 ft-bgs; however, if the excavation exceeds 0.5 ft-bgs, then one confirmation sample will be collected from each 20-foot section of sidewall, if required. The base of the excavation will be divided into sections not exceeding 40-foot by 40-foot with grab soil samples collected from four 20-foot by 20-foot sub-sections of each sampling area. Each soil sample will be analyzed for PAHs, cadmium and zinc. The analytical results will be compared to the EPA Industrial RSLs, and if the confirmation soil samples contain COCs at concentrations above the EPA Industrial RSLs, then LaBella will perform additional excavation until the clean-up goals are achieved. Following excavation activities, if needed, each excavated area will be restored with clean backfill material as necessary to achieve appropriate grade.

6.2.1 Decontamination of Equipment

All contaminated equipment and tools will be decontaminated or disposed of in general accordance with the procedures described in Appendix E of the most recent edition (February 2017) of the Alabama Environmental Investigation and Remediation Guidance (AEIRG). Sampling equipment will be either disposable or decontaminated prior to use and between sampling locations. New disposable nitrile gloves will be used with each new soil sample collection. Any non-disposable equipment will be decontaminated between each sampling location by washing with distilled water and laboratory grade detergent wash, followed by rinsing with distilled water.

6.2.2 Personnel Decontamination

All contractors and employees will wear Level D PPE when there is potential for exposure to hazardous materials in the work area. Personnel decontamination will be performed on an as-needed basis only. Any contaminated PPE generated during Site activities will be disposed of following applicable State disposal guidelines. Non-disposable PPE will be manually brushed to remove residue. The residue will be placed with drill cuttings and other solid materials generated during investigative activities.



6.2.3 Soil Sample Management

Each sample will be tracked from the time of collection by completing sample custody documentation. The sample custody documentation will include the field documentation and the chain of custody report. All samples will be containerized in laboratory provided containers and preserved in a manner appropriate to the analytical method requested. Sample containers will be stored in a clean, secure area prior to use. Containerized samples will be labeled as they are collected and placed in a cooler with ice to maintain a sample temperature of 4°C until delivered to the analytical laboratory. Sample criteria are summarized in the following table.

Sample Location	Analytical Method	Sample Matrix	Container	Preservative	Holding Times
Sediment Pond/Ditch	PAHs Method 8270C-	Soil	4 oz glass	4° C	14 Days
	Zinc & Cadmium 6020	Soil	4 oz glass	4° C	60 Days

PAHs – Polycyclic Aromatic Hydrocarbons

Sample labels will be filled out and affixed to appropriate containers immediately prior to or following sample collection, as appropriate. The label will be filled out in indelible ink and will include the following information on the portion affixed to the sample container: sample ID number; analyses requested; project name; the person's name collecting the sample; and sample location number.

The field data recorded at the time of sample collection provides an unambiguous identification of each sample. These field data will be recorded in a bound daily record book with numbered pages. Field notes will include the following:

- date and time of sampling;
- name(s) of field personnel conducting sampling;
- name(s) of any observers at the sampling site;
- purpose of sampling;
- description of sample point;
- number and size(s) of sample(s) taken;
- field sample identification number(s);
- deviation from sampling plan, if any;
- field observations;



- references (such as maps) of sampling site; and
- sample handling and shipping information.

Sample handling and shipping procedures will assure that samples are properly preserved, protected, and secured until delivered to the analytical laboratory. After sample containers are labeled, they will be sealed in plastic air cushion bags and wrapped in clear plastic bags to protect sample bottles and labels from potential moisture damage. Ice packs will be sealed in plastic bags and placed on top of samples in order to maintain an optimum temperature of 4°C until the samples are delivered to the laboratory. Any remaining void space in the ice chest will be filled with appropriate bubble-wrap packing material.

Samples will be sent to the laboratory via overnight delivery service and will be accompanied by an appropriate freight (shipment) bill of lading form with the completed freight bill number recorded on the Chain of Custody accompanying each cooler. The Chain of Custody will be sealed in a plastic bag and taped to the underside of the inside of the cooler. The coolers will be sealed with tape and a custody seal that will be initialed and dated to prevent any tampering during shipping and handling. Sample custody documentation procedures will be maintained throughout the following activities:

- initial sample collection;
- transportation from sample collection site to analytical laboratory;
- receipt and preparation of laboratory sample extracts and digestives;
- storage at laboratory until an evaluation of analytical results determines that re-analysis is not required; and
- final sample disposition.

At the time of sample collection, samples will be labeled and a record of the sampling activity will be recorded in the daily field log. Sample labeling procedures were discussed previously. Information required to identify sample custody and to request sample analyses are then entered on the Chain of Custody. The information recorded on the Chain of Custody will include:

- project name and number;
- sampler's name and signature;
- sample identification numbers;
- sample date, time, and location;



- requested analyses;
- sample container type and quantity;
- requested analytical turnaround time; and
- person to receive results and a contact telephone number to call in case problems arise.

The laboratory will be notified prior to shipment of samples that would arrive at the laboratory on a weekend or holiday to assure that the samples are properly received.



7.0 IMPLEMENTATION SCHEDULE

Scheduling and implementation of the activities described in this Cleanup Plan is estimated to require approximately 60 days from the date of plan approval. Completion of field activities, data collection, and preparation of a report of the findings associated with the Cleanup Plan is estimated to require approximately 60 days from receipt of final laboratory data.



8.0 REPORTING

Following completion of the proposed cleanup activities, a VCP Voluntary Cleanup Report will be prepared. The report will include details of excavation activities, confirmation sampling locations, and the results of laboratory analysis. Additionally, the report will include copies of the waste disposal manifests.

The data will be presented in a clear and logical format including narrative descriptions and discussions, tabular presentation of data, and graphical and pictorial displays. One electronic copy of the final report will be provided to ADEM.

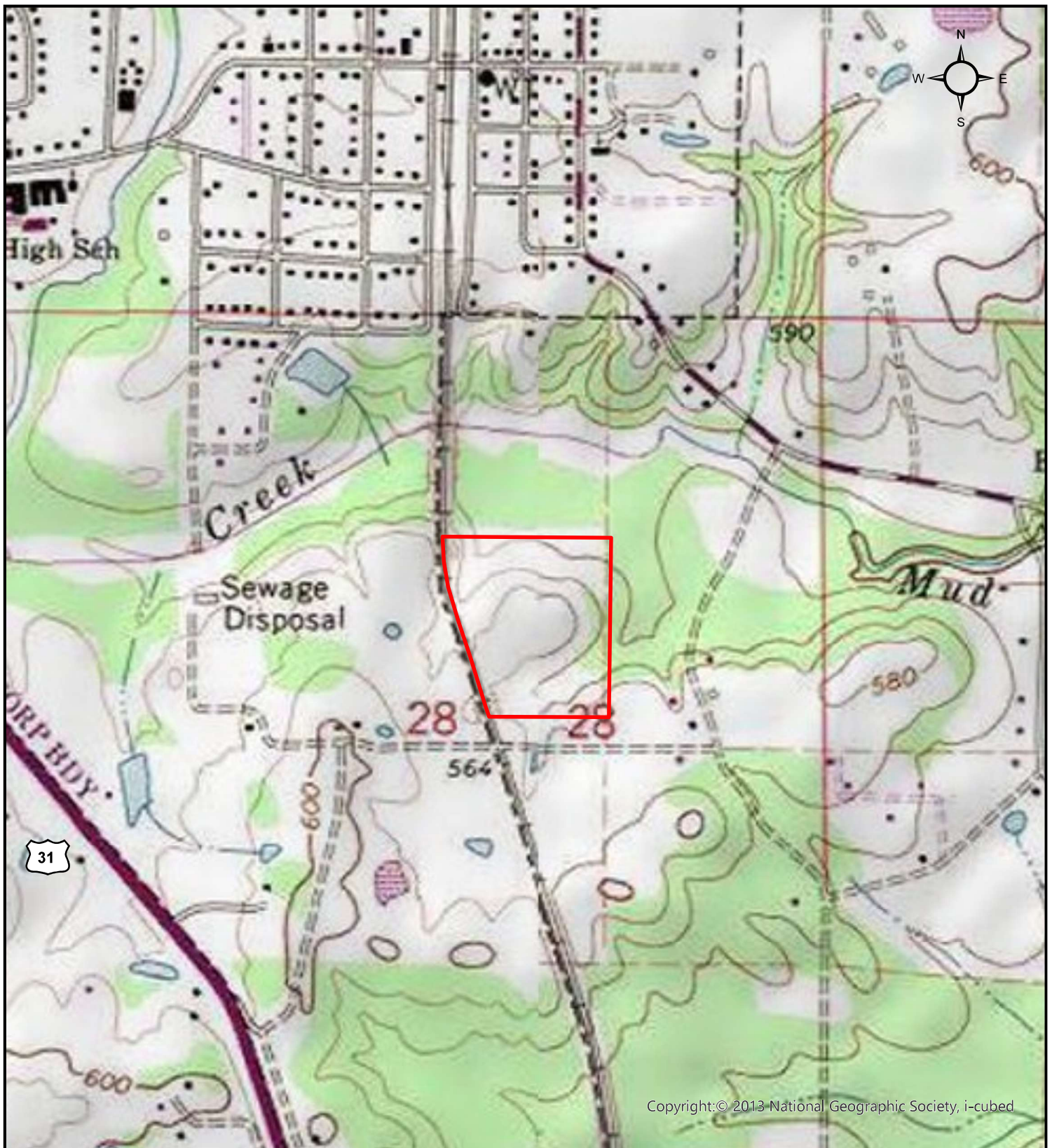


9.0 HEALTH AND SAFETY

A Health and Safety Plan (HASP) will be implemented prior to initiation of cleanup activities. A detailed description of the LaBella Health and Safety Plan is included in Attachment D. The HASP includes details concerning:

- Field and Management Personnel,
- Visitors,
- Physical Hazards/Other Hazards,
- Site-Specific Hazard Training,
- Site Safety Meetings, and
- Personal Protective Equipment (PPE).

Figures



Legend

Approximate Property Boundary



528 MINERAL TRACE
HOOVER, AL 35244
(205) 985-4874

TITLE:

Site Location
Voluntary Cleanup Plan
Former Kennedy Galvanizing
301 Industrial Boulevard
Hanceville, Alabama

SCALE:

0 500 1,000
1 inch = 1,000 feet

FIGURE NO.

1

PROJECT NO.

2252027.02

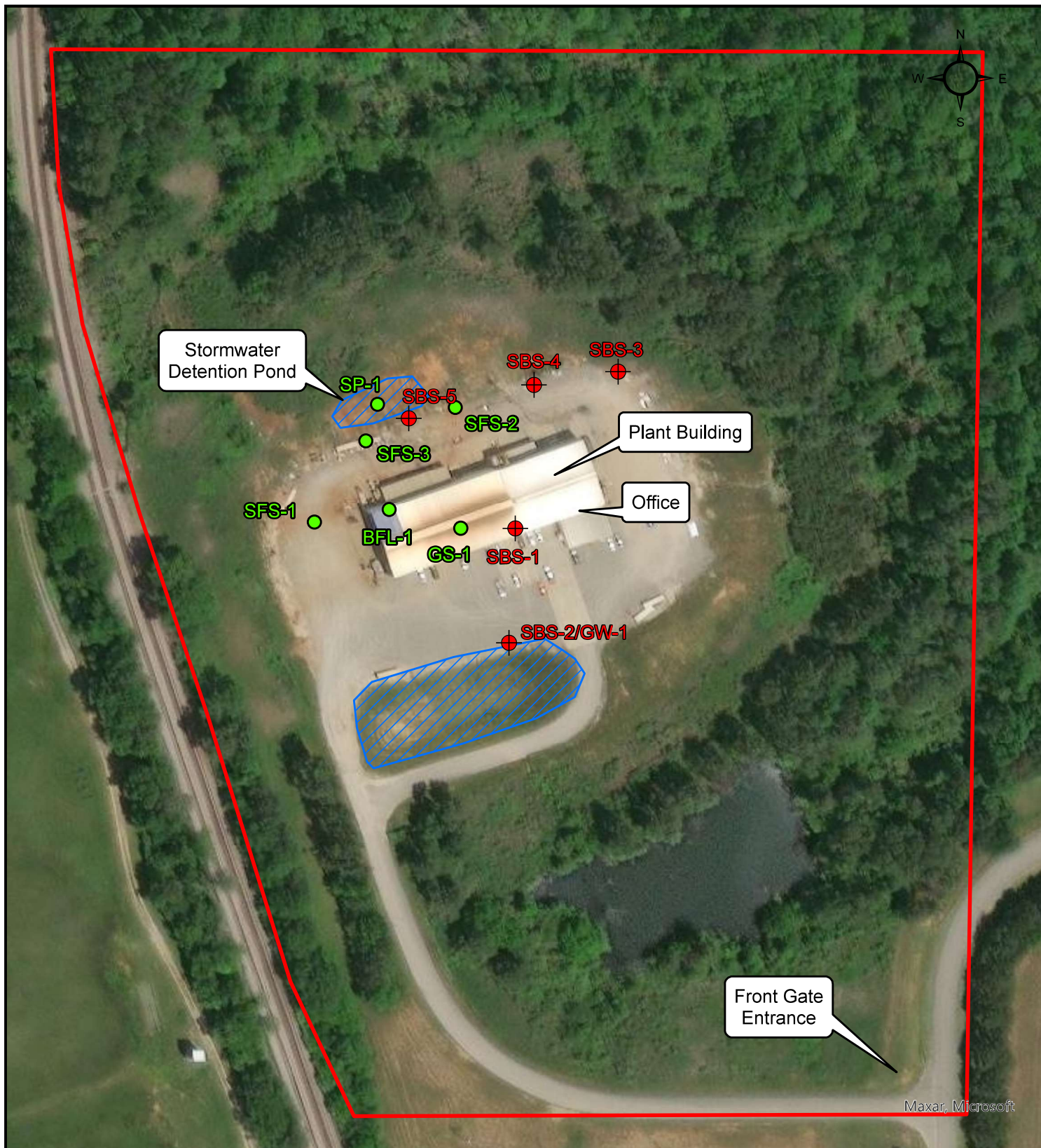
DRAWN BY

KDC

DATE DRAWN

08/11/2025

USGS Quad Id: 34086-A7
USGS Quad Name: Hanceville, Alabama



Legend

- Approximate Property Boundary
- ▨ Retention Basin
- Soil Boring/Temporary MW Location
- Surface Sample Location



528 MINERAL TRACE
HOOVER, AL 35244
(205) 985-4874

TITLE:

Site Map
Voluntary Cleanup Plan
Former Kennedy Galvanizing
301 Industrial Boulevard
Hanceville, Alabama

SCALE:

0 75 150
1 inch = 150 feet

FIGURE NO.

2

PROJECT NO.

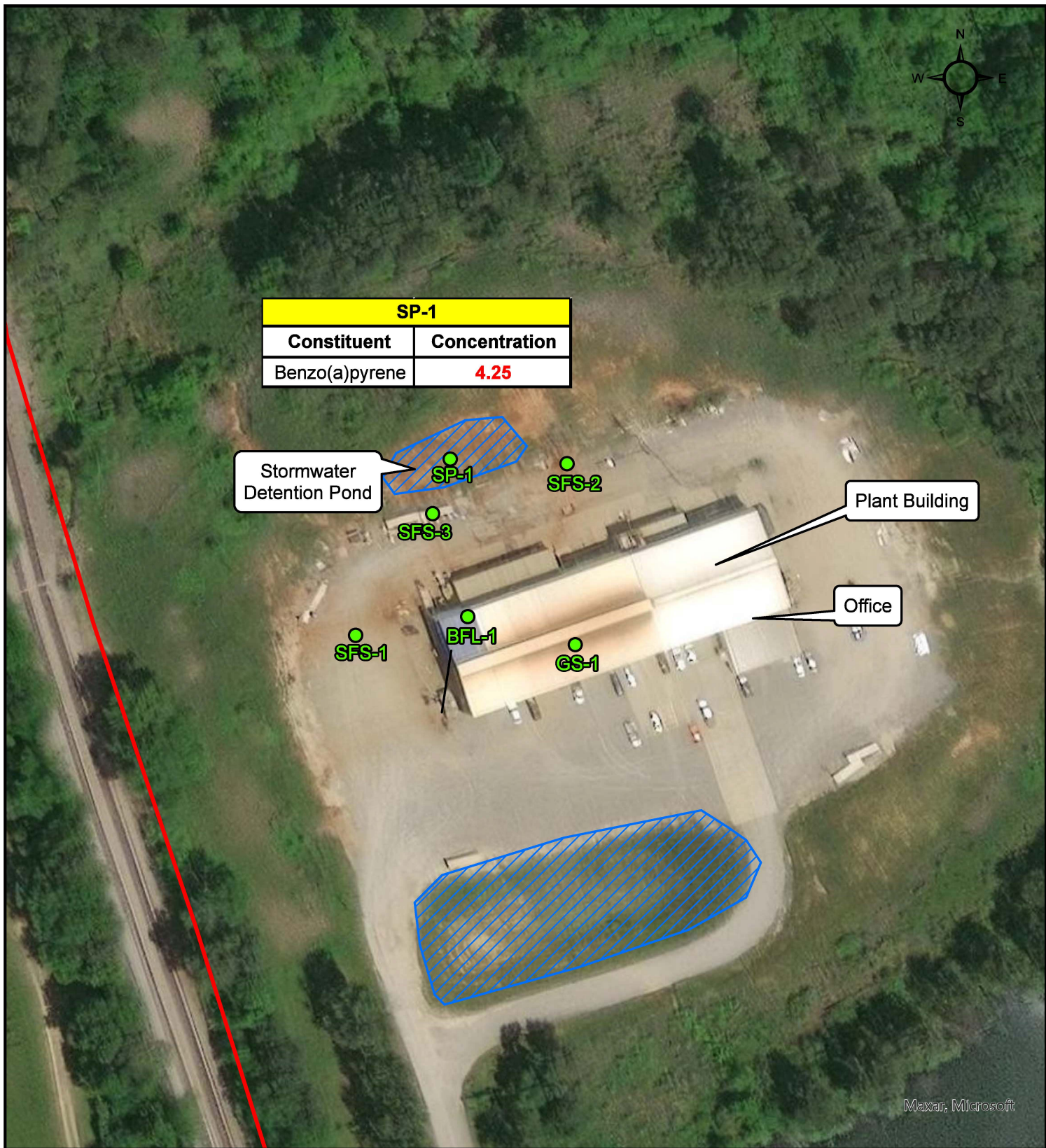
2252027.02

DRAWN BY

KDC

DATE DRAWN

08/11/2025



Legend

- Approximate Property Boundary
- Retention Basin
- Surface Sample Location
- Red - Exceeds EPA Industrial Soil RSL
- Concentrations in milligrams per Kilogram



528 MINERAL TRACE
HOOVER, AL 35244
(205) 985-4874

TITLE:
COC in Soil Above
EPA Industrial RSL
Voluntary Cleanup Plan
Former Kennedy Galvanizing
301 Industrial Boulevard
Hanceville, Alabama

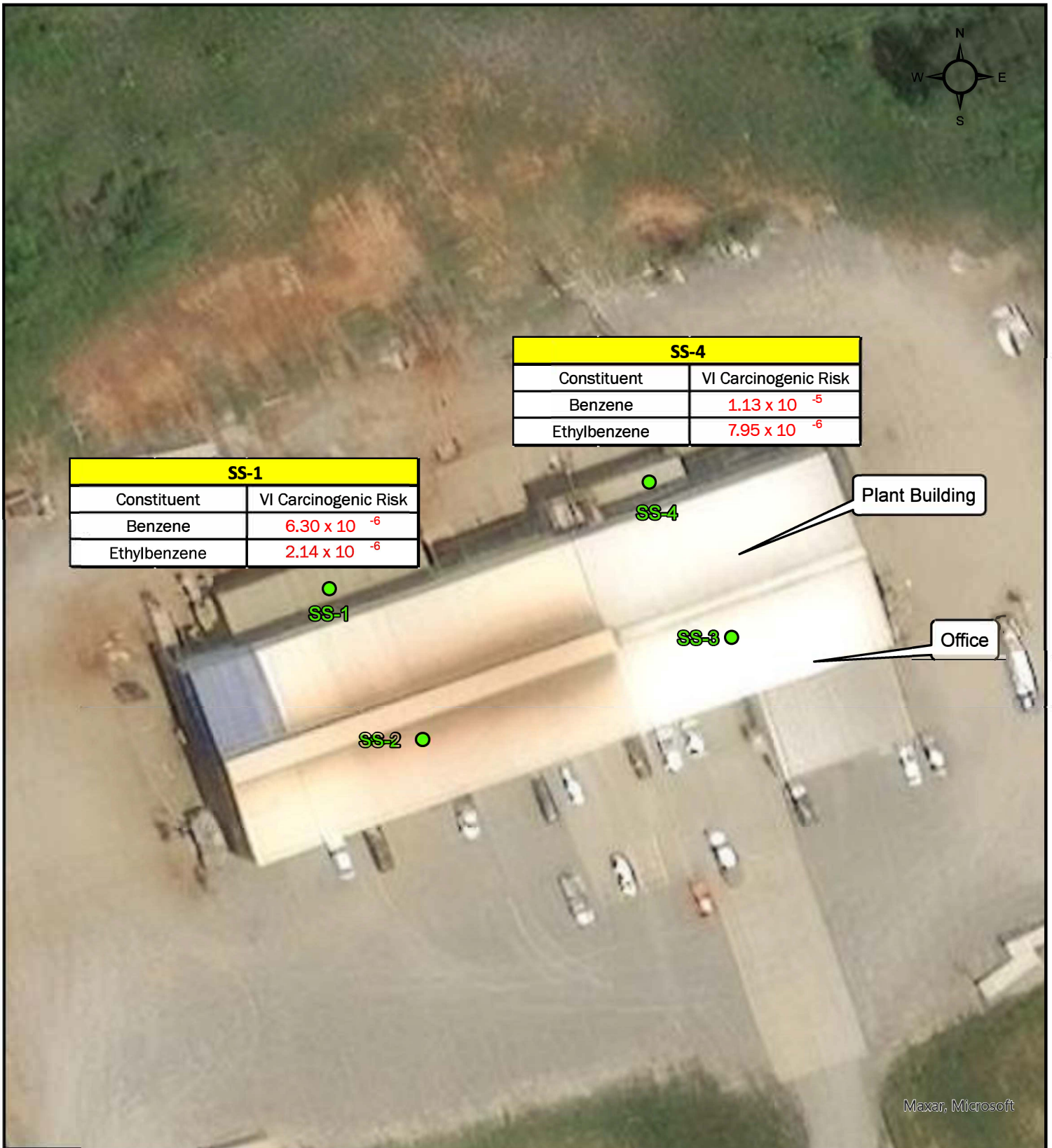
SCALE:
0 50 100
1 inch = 100 feet

FIGURE NO.
3a

PROJECT NO.
2252027.02

DRAWN BY
KDC

DATE DRAWN
08/11/2025



Legend

● Sub-Slab Sample Location



528 MINERAL TRACE
HOOVER, AL 35244
(205) 985-4874

TITLE:

COCs in Soil Gas above
EPA OSWER VISLS
Voluntary Cleanup Plan
Former Kennedy Galvanizing
301 Industrial Boulevard
Hanceville, Alabama

SCALE:

0 25 50
1 inch = 50 feet

FIGURE NO.

3b

PROJECT NO.

2252027.02

DRAWN BY

KDC

DATE DRAWN

08/11/2025



Legend Proposed Excavation Area	LaBella Powered by partnership	TITLE: Proposed Excavation Area Voluntary Cleanup Plan Former Kennedy Galvanizing 301 Industrial Boulevard Hanceville, Alabama	FIGURE NO. 4 PROJECT NO. 2252027.02 DRAWN BY KDC
	528 MINERAL TRACE HOOVER, AL 35244 (205) 985-4874	SCALE: 02550 1 inch = 50 feet DATE DRAWN 08/11/2025	

Attachment A

Assessment Report



LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT

KENNEDY GALVANIZING, INC.
301 INDUSTRIAL BOULEVARD SOUTHEAST
HANCEVILLE, ALABAMA 35077
PROJECT No.: 2251182.00 P01

PREPARED FOR:

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1.0 INTRODUCTION

LaBella Associates, D.P.C. (LaBella) appreciates the opportunity of providing this report summarizing the findings of the Limited Phase II Environmental Site Assessment (ESA) conducted on the Kennedy Galvanizing, Inc. property located at 301 Industrial Boulevard Southeast in Hanceville, Cullman County, Alabama (Site). The location of the Site is provided in Figure 1.

1.1 PURPOSE

The purpose of this assessment was to investigate recognized environmental conditions (RECs) that were previously identified in a Phase I ESA conducted by Geosyntec Consultants, Inc. (Geosyntec) in a report dated December 11, 2024. The Site is listed in Cullman County under Parcel number 23-08-28-0-001-049.002 and consists of approximately 23 acres.

1.2 SITE HISTORY AND DESCRIPTION

At the time of the Phase I ESA, the Site was owned by the Industrial Development Board in c/o DL Davis Properties. It consisted of an industrial single-story 20,750 square foot building, which is occupied by Kennedy Galvanizing, Inc. The Site is used as a hot dip zinc galvanizing plant for small and medium parts. According to the Phase I ESA, aerial photographs indicated that the Site had been cleared for potential agricultural use since at least 1941 until approximately 1997 when cleared areas appeared to no longer be maintained for active agricultural use. The building currently occupying the Site appeared to have been built in approximately 2013. The areas surrounding the Site appear to have been primarily agricultural land and residential land use.

The Phase I ESA identified the following RECs associated with the Site.

- **Petroleum Storage:** Based on the results of the Geosyntec Site reconnaissance, an unmarked 250-gallon tote of diesel was observed stacked on top of another unmarked 250-gallon empty tote along the southern wall inside the plant building. Reportedly, these totes were used for fuel containment and staging, as part of historical Site operations. The diesel fuel is used to power the diesel welder outside and the forklifts at the plant. The flooring in the immediate vicinity of this area was covered with debris and staining was observed. It was reported that operations equipment was routinely staged in the tote storage area for equipment refueling as part of historical Site operations. Refueling of the totes is reportedly completed by loading the tote onto a truck and refueling at a fuel station. Secondary containment was not observed at the totes. Based on the general conditions' indicative of a material threat of release, as well as observed staining, this finding is considered a REC.



- **General Housekeeping and Materials Management:** Based on the results of the Geosyntec Site reconnaissance, the following observations were made associated with chemical and material storage and handling.
 - Inside the plant building, zinc drippings and dross, composed of 98% zinc and 2% iron, were observed in cardboard gaylords, 55-gallon open-top drums, and on the floor in the plant building. Zinc drippings were observed near the kettle, spinner, and file area on the machinery and the floor. The staging of these materials is not contained and could result in runoff.
 - In the chemical storage area north of the plant building which housed a variety of chemicals, standing liquid and staining was observed. Specifically, staining was also observed in the pump area within the chemical storage area and no secondary containment was observed to be present.
 - Stained gravel and vegetation were observed outside north and west of the plant building. The northern stained gravel is across from the outside chemical storage area and the staining continues past the gravel into the vegetation toward an unpaved lower area in the northwestern portion of the Site. The western stained gravel is where the raw steel material is staged outside.

Based on the observed staining, and indications of releases above from the poor housekeeping, this finding is considered a REC. This finding is further supported by regulatory citations issued to the facility for housekeeping-related matters.



2.0 SOIL BORING SAMPLING ACTIVITIES

On February 5-6, 2025, LaBella personnel mobilized to the Site to conduct a Limited Phase II ESA using direct push technology (DPT) drilling methods to advance five (5) soil borings (denoted as SBS-1 through SBS-5) for the purpose of collecting subsurface soil samples. SBS-1 through SBS-5 were converted to temporary monitoring wells and advanced to the approximate total depths listed in Table 2.0 below. Boring logs and monitoring well construction summaries are provided as Appendix A. A Site Plan showing the locations of the soil borings is provided as Figure 2.

Table 2.0 - Soil Boring Details

Soil Boring ID/Monitoring Well ID	Depth of Boring	Sample Depth		Location
	(ft-bgs)			
SBS-1/GW-1	12	0.5-1	2.5-4	In parking area south of the building
SBS-2/GW-2	11	0.5-1	2.5-4	South-central portion of the property
SBS-3/GW-3	9	0.5-1	2.5-4	Eastern portion of the property
SBS-4/GW-4	6.5	0.5-1	2.5-4	North-eastern portion of the property, north of onsite building
SBS-5/GW-5	8.5	0.5-1	2.5-4	North-western portion of the property, north of the onsite building

ft-bgs – feet below ground surface

2.1 SOIL CHARACTERISTICS AND OBSERVATIONS

With the exception of soil boring SBS-1, which was advanced through approximately 1 foot of concrete, the borings were advanced in gravelly and grassy areas. Soils in the top five feet below ground surface (ft-bgs) generally consisted of reddish clay with some gravel and silty clay. The soils in the approximately 5-10 ft-bgs interval displayed a moderate degree of variability but typically consisted of silty clay and clay, with silty sands. A petroleum odor was observed in the 0–5 ft-bgs interval in the soils from SBS-5. It should be noted that no readings were identified on the photoionization detector (PID) in any of the five soil borings installed during this investigation.

2.2 SOIL SAMPLING & ANALYSIS

Soil samples were collected from each of the five soil borings (SB-1 through SB-5) using a DPT rig to advance four-foot-long sample barrels lined with four-foot-long acetate sleeves to total depths as indicated in Table 2.0. Soil samples were collected at the approximate intervals as detailed in Table 2.0. The lithology of each sample interval was recorded, and the soils were screened for organic vapors using a PID.



Soil samples collected during this investigation were placed in laboratory provided containers and maintained at approximately 6° Celsius (C) and delivered under proper chain of custody to a qualified laboratory for analysis. Samples collected from soil borings SBS-1 through SBS-5 were analyzed for volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), hexavalent chromium, zinc, and Resource Conservation & Recovery Act (RCRA) 8 metals arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver. The analytical methods utilized during this assessment for soil included the following:

- VOCs - EPA Method 8260B
- PAHs - EPA Method 8270D-SIM
- Hexavalent Chromium – EPA Method 3060A-7196A
- RCRA 8 Metals & Zinc – EPA Methods 6010D and 7471A (mercury)

2.3 SOIL ANALYTICAL RESULTS

The analytical results of the soil samples collected from the soil borings are provided in the following sections. Table 1 in the Tables Section provides a summary of the detected constituents within soil. The soil laboratory analytical report is provided in Appendix B. Figure 3 illustrates the Constituents of Concern (COCs) Above EPA Regional Screening Levels (RSLs) in Soil.

It is LaBella's understanding that the current and likely future use of the Site is commercial/industrial use. As such, LaBella compared the detected concentrations of constituents to EPA Industrial RSLs to determine which constituents exceed EPA RSLs. Additional constituents may exceed EPA Residential RSLs.

VOCs

Laboratory analytical results for the 10 soil samples submitted to the laboratory from soil borings SBS-1 through SBS-5 indicate that only acetone was detected, however, this VOC was not detected at or above the EPA Industrial or Residential RSL in any of the soil samples collected.

PAHs

Laboratory analytical results for the 10 soil samples submitted to the laboratory from soil borings SBS-1 through SBS-5 indicate that 11 PAHs were detected, however, none of the PAHs detected exceeded their EPA Industrial or Residential RSLs in any of the soil samples collected.



Hexavalent Chromium & Zinc

Laboratory analytical results for the 10 soil samples submitted to the laboratory from soil borings SBS-1 through SBS-5 indicate that hexavalent chromium was not detected in any of the soil samples submitted for analysis. Zinc was detected in each of the soil samples collected but was not detected at concentrations that exceeded its EPA Industrial or Residential RSL.

RCRA-8 Metals

Laboratory analytical results for the 10 soil samples submitted to the laboratory from soil borings SBS-1 through SBS-5 indicate that arsenic, barium, cadmium, chromium, lead, mercury, and selenium were detected in one or more of the soil samples submitted for analysis. Of the detected constituents, arsenic was the only constituent detected at a concentration that exceeded its EPA Industrial RSL. Arsenic exceeded its EPA Industrial RSL of 3.0 milligrams per kilogram (mg/kg) in the soil samples collected from intervals 0.5–1.0 ft-bgs and 2.5-4.0 ft-bgs in borings SBS-1, SBS-3, SBS-4, and SBS-5. Arsenic was also detected in all of the soil samples collected above the EPA Residential RSL, including the samples collected from SBS-2 from 0.5-1.0 ft-bgs and 2.5-4.0 ft-bgs. Detections of arsenic above the EPA Industrial RSL ranged from 3.93 mg/kg in SBS-1 (2.5-4.0 mg/kg) to 10.4 mg/kg in SBS-4 (2.5-4.0 ft-bgs). No other metals were detected at concentrations exceeding EPA Industrial RSLs, however, cadmium was detected in the samples collected from SBS-1 from 0.5-1.0 ft-bgs, SBS-4 from 2.5-4.0 ft-bgs, and SBS-5 from 0.5-1.0 ft-bgs at concentrations that exceeded its EPA Residential RSL.

Although arsenic exceeded EPA screening levels, arsenic is naturally occurring and is commonly found at concentrations above EPA Industrial RSLs. According to *Elements in North American Soils*, James Dracun, Ph.D. and Khaled Chekiri, Ph.D., arsenic is naturally occurring in soils in Alabama up to 11 mg/kg with a mean concentration of 4.7 mg/kg. As such, LaBella is of the opinion that the arsenic present at the Site is within naturally occurring background concentrations; therefore, should not be considered a COC for the Site.



3.0 SURFACE SOIL SAMPLING ACTIVITIES

On February 5-6, 2025, LaBella personnel collected surficial soil samples at the depths listed on Table 3.0 below. The locations are provided on Figure 2.

TABLE 3.0 - SOIL SAMPLE LOCATION DETAILS

Soil Location ID	Depth (ft-bgs)	PID Reading (ppm)	Location
SFS-1	0 - 1.5	0	Western portion of the Site
SFS-2	0 - 1.5	0	North-central portion of the Site. In red clay below 6 inches of gravel and membrane
SFS-3	0 - 1.5	0	North-western portion of the Site
BFL-1	Surface	NA	Bath and forklift area – inside plant building – northwest part of building – scraped off of the concrete
GS-1	Surface	NA	Inside the plant building – soil - not stained – south central location near bay door – 10 feet from BFL sample
SP-1	0 - 0.5	0	Stormwater Detention Pond

ft-bgs – feet below ground surface

ppm – parts per million

3.1 SOIL CHARACTERISTICS AND OBSERVATIONS

SFS-1 and SFS-3 were collected from 0–1.5 ft-bgs in gravelly and grassy areas. SFS-2 was collected from below 6-inches of gravel and a membrane in red clay. These samples were collected in areas where staining was identified. Surface samples BFL-1 and GS-1 were collected from the concrete surface within the building and SP-1 was collected from the stormwater detention pond.

3.2 SOIL SAMPLING & ANALYSIS

Surface soil samples collected from locations SP-1, SFS-1, SFS-2, and SFS-3 were placed in laboratory provided containers and maintained at approximately 6°C and delivered under proper chain of custody to a qualified laboratory for analysis. Surficial soil samples were analyzed for VOCs, PAHs, hexavalent chromium, zinc, and RCRA 8 metals arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver. The analytical methods utilized during this assessment for soil included the following:

- VOCs - EPA Method 8260B
- PAHs - EPA Method 8270D-SIM
- Hexavalent Chromium – EPA Method 3060A-7196A
- RCRA 8 Metals & Zinc – EPA Methods 6010D and 7471A (mercury)



In order to assist in determining whether stained soil areas would be considered hazardous or non-hazardous during a waste determination (if soils were to be excavated and properly disposed), select surface soil samples were collected from locations BFL-1 and GS-1, SFS-2, and SFS-3 for analysis of Toxicity Characteristic Leaching Procedure (TCLP) metals in accordance with EPA Methods 6010D and 7470A (mercury). All soil samples were placed in laboratory provided containers and maintained at approximately 6°C and delivered under proper chain of custody to a qualified laboratory for analysis. It should be noted that samples were collected in-situ and additional TCLP sampling and analysis of excavated soils/material would be required for waste profile approval and proper disposal of waste material.

3.3 SOIL ANALYTICAL RESULTS

The analytical results of the surface soil samples collected are provided in the following sections. Table 3 in the Tables Section provides a summary of the detected constituents within soil. The soil laboratory analytical report is provided in Appendix B. Figure 4 illustrates the COCs Above EPA RSLs.

It is LaBella's understanding that the current and likely future use of the Site is commercial/industrial use. As such, LaBella compared the detected concentrations of constituents to EPA Industrial RSLs to determine which constituents exceed EPA Industrial RSLs. Additional constituents may exceed EPA Residential RSLs.

VOCs

Laboratory analytical results for the four surface soil samples submitted to the laboratory indicate that only acetone, benzene, carbon disulfide, and toluene were detected, however, none of the detected VOCs exceeded its EPA Industrial or Residential RSL in any of the soil samples collected.

PAHs

Laboratory analytical results for the four soil samples submitted to the laboratory from each of the surface soil locations indicated that one or more PAHs were detected in each of the surface soil sample locations with the exception of surface sample SFS-1. None of the PAHs detected in the remaining locations exceeded the EPA Industrial RSLs with the exception of benzo(a)pyrene in the sample collected from the stormwater detention pond (SP-1). Additionally, PAHs benzo(a)anthracene, benzo(b)fluoranthene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene were detected in the sample collected from SP-1 at concentrations that exceeded their EPA Residential RSLs.



Metals

Laboratory analytical results for the four surface soil samples submitted to the laboratory indicate that metals including arsenic, barium, cadmium, total chromium, lead, mercury, and zinc were detected in multiple samples submitted for analysis. Arsenic exceeded its Industrial RSL of 3.0 ppm in the samples collected from each of the surface soil sample locations. No other metals were detected at concentrations exceeding EPA Industrial RSLs. Metals cadmium and zinc exceeded their EPA Residential RSLs in the sample collected from SP-1.

TCLP Metals

Laboratory analytical results for the four surface soil samples submitted to the laboratory for analysis of TCLP metals (SFS-2, SFS-3, BFL-1, and GS-1) indicate that metals including barium, cadmium, lead, and selenium were detected in one or more of the samples submitted for analysis as shown on the Table below. As shown below all metals were either undetected or did not exceed their applicable TCLP hazardous waste limit for the toxicity characteristic.

SUMMARY OF TCLP ANALYTICAL RESULTS – FEBRUARY 5-6, 2025

Parameter	SFS-2	SFS-3	BFL-1	GS-1	EPA Limit
Arsenic	--	--	--	--	5.0
Barium	0.263	0.250	2.26	0.521	100
Cadmium	--	--	0.0330 J	0.0420 J	1.0
Chromium	--	--	--	--	5.0
Lead	--	--	0.117	0.266	5.0
Mercury	--	--	--	--	0.20
Selenium	--	0.0580 J	0.0830 J	0.0760 J	1.0
Silver	--	--	--	--	5.0

All detections in milligrams per liter (mg/l)

EPA Limit – Maximum concentration of contaminants for the Toxicity Characteristic

-- = Constituent not detected

J - Constituent detected below the laboratory reporting limit but above the laboratory minimum detection limit



4.0 GROUNDWATER SAMPLING ACTIVITIES

Following the soil boring installation activities, soil borings SBS-1 through SBS-5 were converted to Type-II groundwater monitoring wells (GW-1 through GW-5) for the purpose of collecting groundwater samples and measuring free product. The monitoring wells were constructed using 1-inch inside diameter (ID) PVC riser and a 10-foot length (GW-1, GW-2, and GW-5) or 5-foot length (GW-3 and GW-4) of 0.01-inch slotted screen. Groundwater was only encountered in monitoring well GW-2 at a depth of approximately 10.75 feet below top of casing (7.75 ft-bgs). It should be noted that during the sampling event conducted on February 7, 2025, free product was not encountered.

TABLE 4.0 MONITORING WELL CONSTRUCTION SUMMARY AND GROUNDWATER DATA – FEBRUARY 7, 2025

Monitoring Well ID	Casing Diameter & Material	Measured Total Depth (ft-btoc)	Screened Interval (ft-btoc)	Measured Depth to Water (ft-btoc)	Measured Depth to Product (ft-btoc)
GW-1	2-in PVC	15.42	4.92-14.92	DRY	--
GW-2	2-in PVC	13.38	2.88-12.88	10.75	--
GW-3	2-in PVC	11.21	5.71-10.71	DRY	--
GW-4	2-in PVC	9.54	4.04-9.04	DRY	--
GW-5	2-in PVC	11.63	1.13-11.63	DRY	--

-- Free product not detected

ft-btoc – Feet below top of casing

4.1 GROUNDWATER SAMPLING & ANALYSIS

The groundwater sample from GW-2 was placed in laboratory provided containers, wrapped in bubble wrap and plastic bags, and stored in a cooler with ice to achieve and maintain a sample temperature of approximately 6°C. The samples were shipped via overnight courier to the laboratory for analysis of VOCs, PAHs, hexavalent chromium, and dissolved RCRA 8 metals and zinc. The analytical methods utilized during this assessment for groundwater included the following:

- VOCs - EPA Method 8260B
- PAHs - EPA Method 8270D-SIM
- Hexavalent Chromium – EPA Method 3060A-7196A
- Dissolved RCRA 8 Metals & Zinc – EPA Methods 6010D and 7471A (mercury)

4.2 GROUNDWATER ANALYTICAL RESULTS

A discussion of the detected constituents identified in groundwater is provided below along with a comparison of the detected constituents to EPA RSLs which include the EPA Maximum Contaminant Level (MCL) or Tapwater RSL, if no MCL is available. A summary of the constituents detected in groundwater is provided in Table 3 in the Tables Section. The groundwater laboratory analytical report is provided in Appendix C.



VOCs

Laboratory analytical results for the groundwater sample submitted for analysis indicated that a total of one VOC (acetone) was detected. However, acetone was detected at a concentration that did not exceed the EPA RSL.

PAHs

Laboratory analytical results for the groundwater sample submitted for analysis indicated that one PAH, 2-methylnaphthalene, was detected. 2-Methylnaphthalene was detected at a concentration that did not exceed its EPA RSL. No other PAHs were detected in the groundwater sample submitted for analysis.

Hexavalent Chromium and Dissolved Zinc

Hexavalent chromium was not detected in the groundwater sample collected for analysis.

Dissolved RCRA-8 Metals and Zinc

Laboratory analytical results for the groundwater sample submitted for analysis indicated that one dissolved RCRA 8 metal, dissolved barium, was detected. The detected metal did not exceed its applicable EPA RSL. Dissolved zinc was detected at a concentration that did not exceed its EPA RSL.



5.0 SUB-SLAB VAPOR SURVEY

In order to address the RECs associated with the Site beneath the onsite plant building, a sub-slab vapor survey was completed by Total Vapor Solutions (TVS) on February 5, 2025.

5.1 SUB-SLAB SURVEY FIELD INVESTIGATION ACTIVITIES

On February 5, 2025, LaBella's subcontractor TVS conducted an assessment of vapor beneath the plant building foundation located on the Site. The sub-slab vapor assessment included the collection of four total shallow sub-slab vapor samples (designated as SS-1 through SS-4). The sub-slab vapor sampling locations are shown in Figure 5 in the Figures Section and in Figure 1 within Appendix D.

5.2 SUB-SLAB SAMPLING AND ANALYSIS

The four sub-slab implants were installed using a handheld rotary drill. A 3/4 inch diameter drill bit was advanced to a depth of approximately 2-inches below the bottom of the concrete and an airstone implant attached to the nylaflow tubing installed. Sand was placed around the airstone and hydrated bentonite placed in the borehole to ensure proper isolation of the sub-slab air from the air within the breathing zone. A helium leak test and a secondary leak test (shut-in test) were performed on the summa canisters and the associated sampling apparatus. All samples were collected in batch-certified summa canisters (400 milliliter [ml]) equipped with 200 milliliters/minute flow controllers. The samples were delivered to the laboratory for analysis of VOCs by EPA Method TO-15.

5.3 SUB-SLAB ANALYTICAL RESULTS

A review of the analytical results for each of the sub-slab samples submitted for analysis indicates that a vapor intrusion risk is present at the plant building. A copy of the analytical report is provided in Appendix III of the Sub-Slab Vapor Survey Report within Appendix D.

Of the four sub-slab samples collected from the plant building (SS-1 through SS-4), two of the samples (SS-1 and SS-4) had carcinogenic risk levels that exceeded applicable screening levels. Benzene and ethylbenzene were detected at concentrations that exceeded their corresponding screening levels in samples SS-1 and SS-4.

5.4 RISK ANALYSIS

The results of the sub-slab sample analysis were evaluated using the U.S. EPA Vapor Intrusion Screening Level (VISL) Calculator and screened against the Alabama-specific cumulative risk parameters of 10^{-6} for carcinogenic risk (hazard index) and 0.1 for the non-carcinogenic risk (hazard quotient) based on commercial exposure. Based on the comparison, multiple samples slightly exceeded the carcinogenic cumulative risk. Tables 5.4 on the following page summarizes the results



of the VISL calculator output. The VISL calculations are provided in Appendix IV of the Sub-Slab Vapor Survey Report within Appendix D.

Initial screening values are for determining if a potential threat may be posed to indoor inhalation within a building structure. Initial screening values are not cleanup levels or remediation goals, rather remediation goals/clean-up levels are determined on a site-specific basis, after site characterization has been completed and a conceptual site model has been developed.

Based on the comparison for the four sub-slab samples collected from the plant building, two of the samples (SS-1 and SS-4) had carcinogenic risk levels that slightly exceeded applicable screening levels.

TABLE 5.4 – OFFICE BUILDING – SUMMARY OF CUMULATIVE RISK COMPARISON

Sample ID	Carcinogenic Risk (1.0E-10 ⁶)	Noncarcinogenic Risk Hazard Quotient (0.1)
SS-1	9.14E-06	1.66E-01
SS-2	6.86E-07	2.09E-02
SS-3	7.90E-07	3.06E-02
SS-4	1.93E-05	3.95E-01

Notes:

"Red" – Concentration exceeds AL-specific Initial Screening Level for Carcinogenic and Non-carcinogenic Cumulative Risk

The slight exceedances within samples SS-1 and SS-4 were due to the concentrations of benzene and ethylbenzene. Samples SS-1 and SS-4 were collected in the northern portion of the plant building near the outer wall as shown on Figure 5.

The plant building is open to the atmosphere (along the western and eastern portions of the building), therefore, vapor intrusion risk should be considered minimal within the plant building. The office building on the southeastern portion of the plant building is enclosed, however, the analytical results of the vapor sample collected within the plant building adjacent to the office location, did not exceed applicable screening levels so actual risk would also be low within the office portion of the building.



6.0 CONCLUSIONS & RECOMMENDATIONS

A Limited Phase II ESA was performed at the Kennedy-Galvanizing property in February 2025 to determine if the historical use of the Site had adversely impacted the Site. Based on the results of this assessment, LaBella provides the following conclusions and recommendations:

6.1 CONCLUSIONS

Soil Borings

- A total of five soil borings (SBS-1 through SBS-5) were advanced to depths ranging from approximately 6.5 ft-bgs to 12.5 ft-bgs. All of the soil samples collected from the soil borings were analyzed for VOCs, PAHs, hexavalent chromium, zinc, and RCRA 8 metals.
- A comparison of the detected constituents within the soil samples analyzed for VOCs and PAHs indicated that no VOCs or PAHs were detected above EPA Industrial or Residential RSLs.
- A comparison of the detected constituents within the soil samples analyzed for metals indicates that arsenic, barium, cadmium, chromium, lead, mercury, and selenium were detected in one or more of the soil samples submitted for analysis. Of the detected constituents, arsenic was the only constituent detected at a concentration that exceeded its EPA Industrial RSL of 3.0 mg/kg. Arsenic was detected above the EPA Industrial RSL in samples collected from borings SBS-1, SBS-3, SBS-4, and SBS-5 and ranged from 3.93 mg/kg to 10.4 mg/kg. Arsenic was also detected in all of the soil samples collected above the EPA Residential RSL.
- Although arsenic exceeded EPA screening levels, arsenic is naturally occurring and is commonly found at concentrations above EPA Industrial RSLs. According to Elements in North American Soils, James Dracun, Ph.D. and Khaled Chekiri, Ph.D., arsenic is naturally occurring in soils in Alabama up to 11 mg/kg with a mean concentration of 4.7 mg/kg. As such, LaBella is of the opinion that the arsenic present at the Site is within naturally occurring background concentrations; therefore, should not be considered a COC for the Site.
- No other metals were detected at concentrations exceeding EPA Industrial RSLs, however, cadmium was detected in the samples collected from SBS-1 from 0.5-1.0 ft-bgs, SBS-4 from 2.5-4.0 ft-bgs, and SBS-5 from 0.5-1.0 ft-bgs above the EPA Residential RSL.

Surficial Soil Samples

- A total of four surface soil samples (SP-1, SFS-1, SFS-2, and SFS-3) were submitted for analysis of VOCs, PAHs, hexavalent chromium, zinc, and RCRA 8 metals. Additional analysis was conducted for TCLP metals for samples collected from SFS-2 and SFS-3, and two additional samples (BFL-1 and GS-1).
- A comparison of the detected constituents within the soil samples analyzed for VOCs and PAHs indicated that the only constituent detected above the EPA Industrial RSLs was PAH benzo(a)anthracene in the sample collected in the stormwater detection pond (SP-1). Additionally, PAHs benzo(a)anthracene, benzo(b)fluoranthene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene were also detected in the sample collected from SP-1 at concentrations that exceeded their EPA Residential RSLs.



- A comparison of the detected constituents within the soil samples analyzed for metals indicates arsenic, barium, cadmium, total chromium, lead, mercury, and zinc were detected in multiple samples submitted for analysis. Arsenic exceeded its Industrial RSL of 3.0 ppm in the samples collected from each of the surface soil sample locations; however, as previously discussed LaBella is of the opinion that arsenic should not be considered a COC for the Site. No other metals were detected at concentrations exceeding EPA Industrial RSLs. Metals cadmium and zinc exceeded their EPA Residential RSLs in the sample collected from SP-1.
- Laboratory analytical results for the four surface soil samples submitted to the laboratory for analysis of TCLP metals (SFS-2, SFS-3, BFL-1, and GS-1) indicated that all detected metals did not exceed the TCLP hazardous waste limit for the toxicity characteristic.

Groundwater

- Five temporary monitoring wells were installed on-site to depths of approximately 9.54 ft-bgs to 15.42 ft-bgs. Groundwater was only encountered in temporary well GW-2 on February 7, 2025. The remaining four wells were dry during this event and free product was not detected. Groundwater samples were collected from GW-2 and analyzed for VOCs, PAHs, hexavalent chromium, dissolved zinc, and dissolved RCRA-8 metals.
- Results of the laboratory analysis for the groundwater sample submitted for analysis indicated that one VOC (acetone), one PAH (2-methylnaphthalene), dissolved barium, and dissolved zinc were detected in the samples collected. None of the detected constituents exceeded their respective EPA RSL.

Sub-Slab Vapor Survey

- The sub-slab vapor assessment included the collection of four total shallow sub-slab vapor samples from beneath the plant building (SS-1 through SS-4). Based on the comparison for the four sub-slab samples collected beneath the plant building, two of the samples (SS-1 and SS-4) had carcinogenic risk levels that slightly exceeded applicable screening levels.
- The plant building is open to the atmosphere (along the western and eastern portions of the building), therefore, vapor intrusion risk should be considered minimal within the plant building. The office building on the southeastern portion of the plant building is enclosed, however, the analytical results of the vapor sample collected within the plant building adjacent to the office location, did not exceed applicable screening levels so actual risk would also be low within the office portion of the building.

6.2 RECOMMENDATIONS

Based on the results of the Limited Phase II field and analytical activities, LaBella provides the following recommendations:

- Based on the soil vapor results indicating the contaminated soils may be present beneath the building foundation, LaBella recommends that should the plant building concrete foundation be disturbed, that soils underneath the foundation of the plant building be sampled to determine exposure risk. Additionally, if soils are excavated then a waste determination should be completed and the soils managed in accordance with applicable regulations.
- Stained gravel and soil areas that had exceedances of EPA Industrial and Residential RSLs should be excavated and contaminated soils disposed of in accordance with applicable

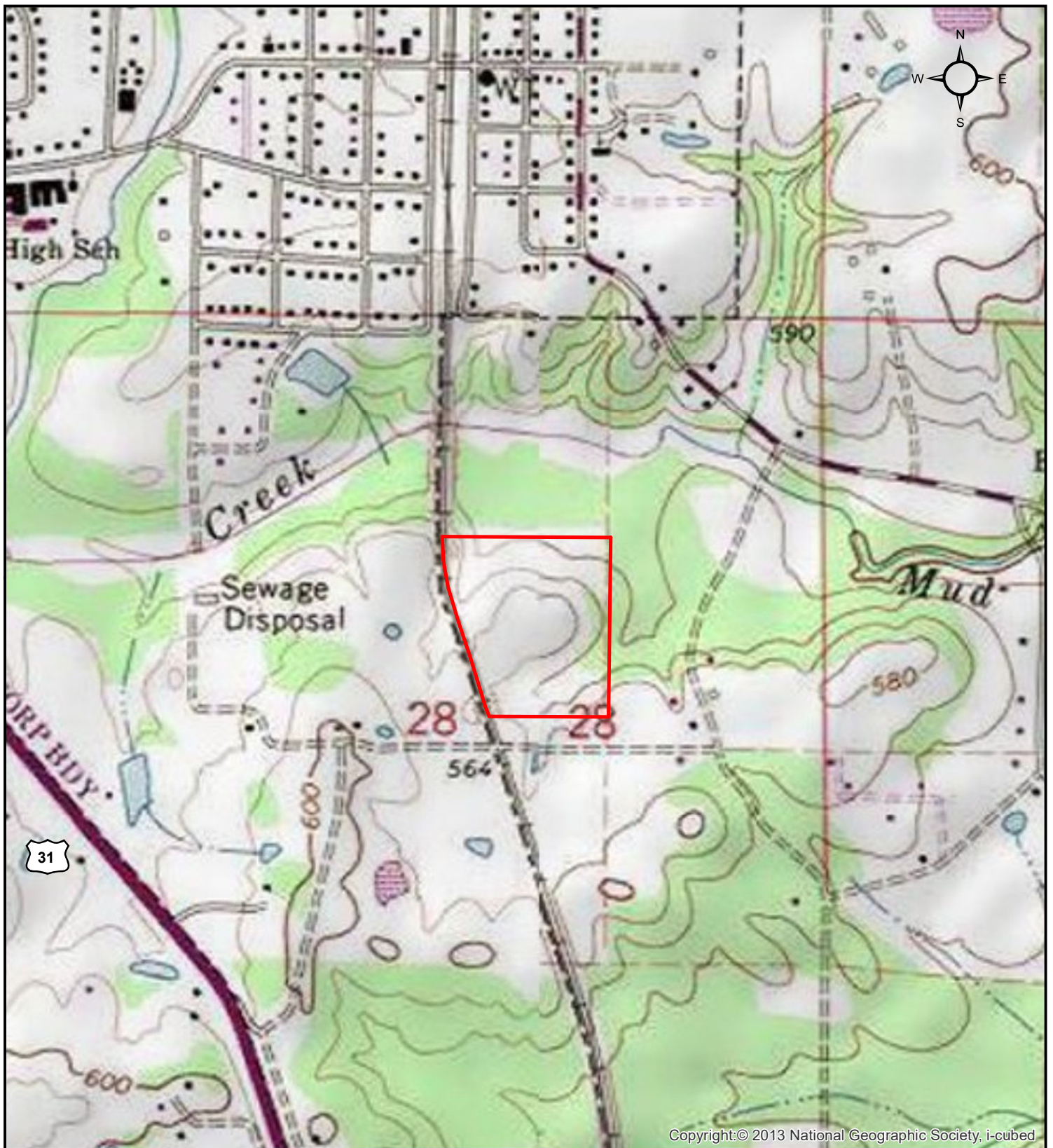


regulations. Additionally, the stained soils and debris overlying the concrete floor within the building should be removed and properly disposed.

- Due to the likelihood that contaminated media will remain in place beneath the building foundation, it is recommended that the Site be entered into the Alabama Department of Environmental Management (ADEM) Voluntary Cleanup Program (VCP).

This completes the scope of work for the Limited Phase II activities.

FIGURES



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Legend

Approximate Property Boundary



528 MINERAL TRACE
HOOVER, AL 35244
(205) 985-4874

TITLE:

Site Location Map

Limited Phase II ESA
Kennedy Galvanizing, Inc.
301 Industrial Boulevard

Hanceville, Alabama

SCALE:

0 500 1,000
1 inch = 1,000 feet

FIGURE NO.

1

PROJECT NO.

2251182.00

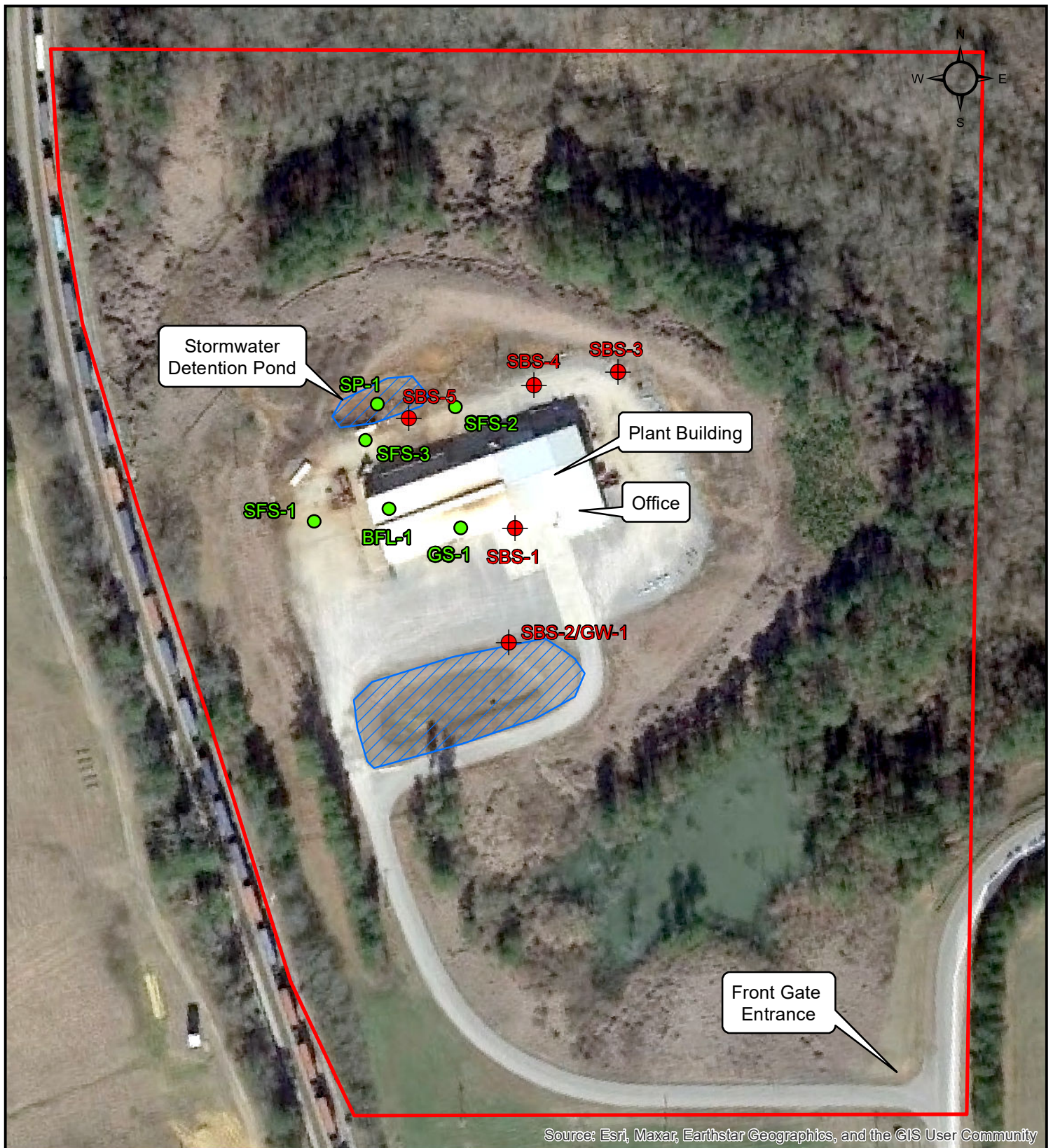
DRAWN BY

LKN

DATE DRAWN

02-26-2025

USGS Quad Id: 34086-A7
USGS Quad Name: Hanceville, Alabama



Legend

- Approximate Property Boundary
- ▨ Retention Basin
- Soil Boring/Temporary MW Location
- Surface Sample Locations



528 MINERAL TRACE
HOOVER, AL 35244
(205) 985-4874

TITLE:

Site Plan

Limited Phase II ESA
Kennedy Galvanizing, Inc.
301 Industrial Boulevard

Hanceville, Alabama

SCALE:

0 75 150
1 inch = 150 feet

FIGURE NO.

2

PROJECT NO.

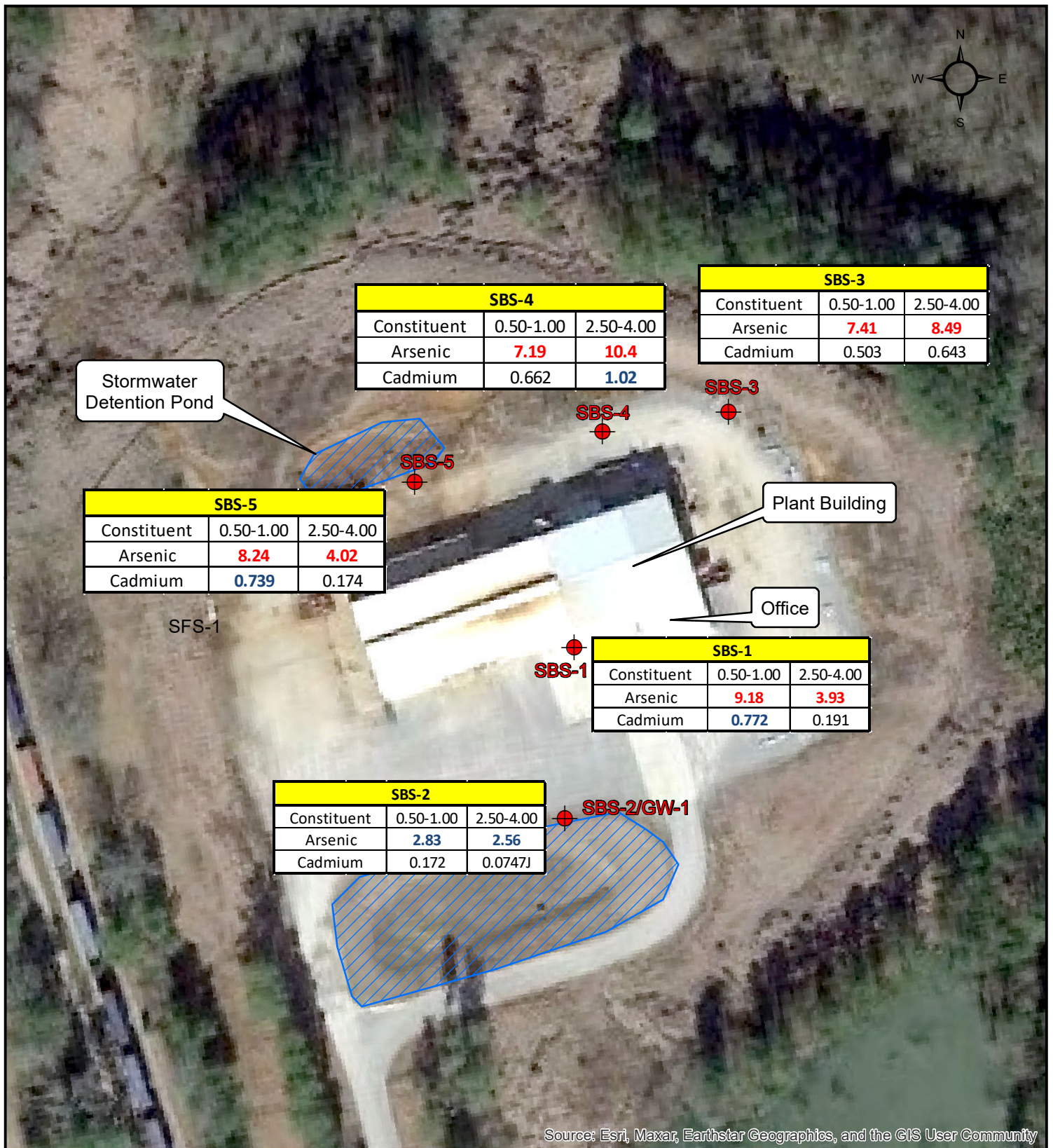
2251182.00

DRAWN BY

LKN

DATE DRAWN

02-26-2025



Legend

- Approximate Property Boundary
- Retention Basin
- Soil Boring/Temporary MW Location
- Red - Exceeds EPA Industrial Soil RSL
- Blue - Exceeds EPA Residential Soil RSL



528 MINERAL TRACE
HOOVER, AL 35244
(205) 985-4874

TITLE:
COC Detections above
EPA Screening Levels

Soil Borings

Kennedy Galvanizing, Inc.
301 Industrial Boulevard
Hanceville, Alabama

SCALE:
0 50 100
1 inch = 100 feet

FIGURE NO.

3

PROJECT NO.

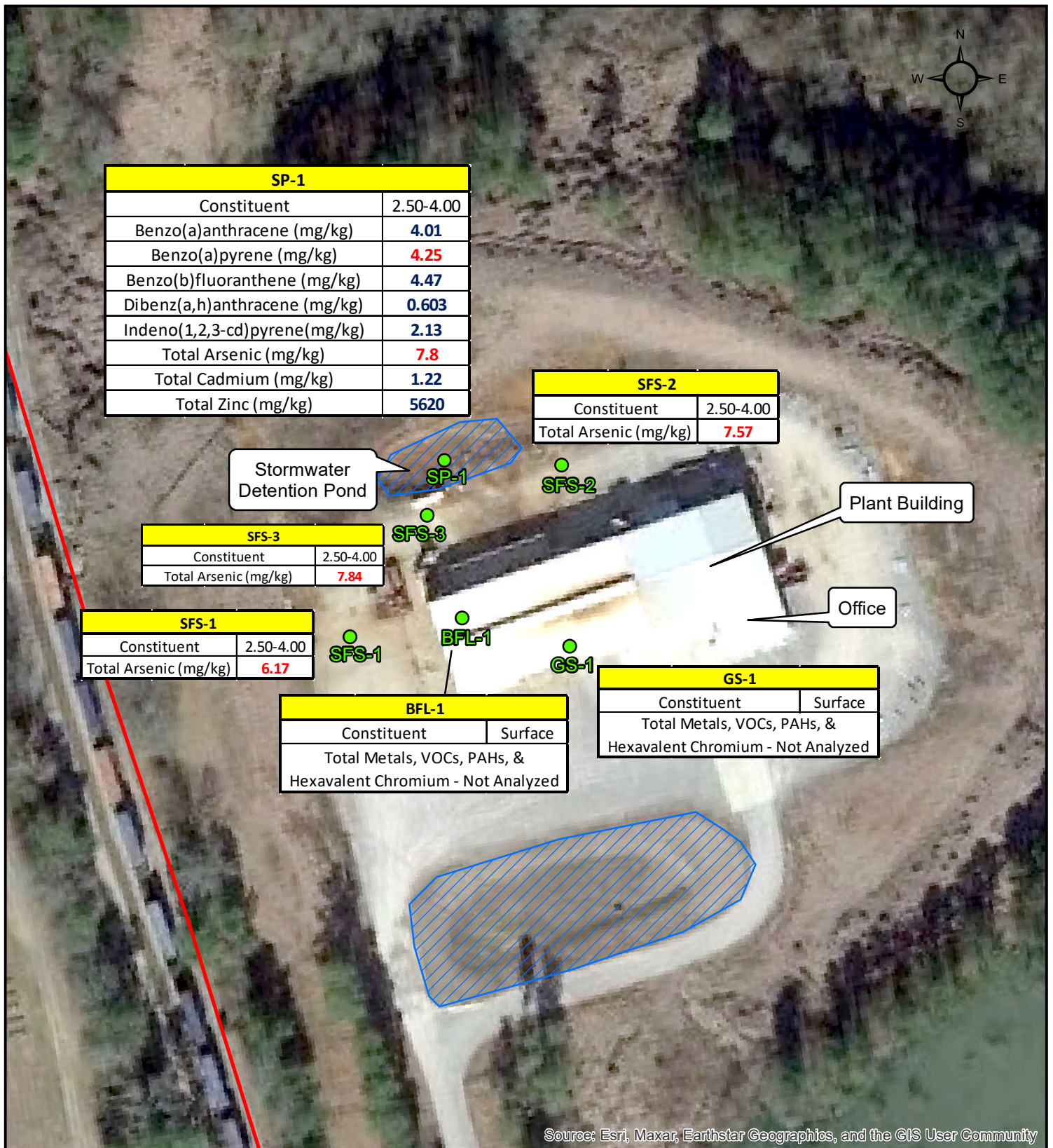
2251182.00

DRAWN BY

LKN

DATE DRAWN

02-26-2025



Legend

- Approximate Property Boundary
- Retention Basin
- Surface Sample Locations
- Red - Exceeds EPA Industrial Soil RSL
- Blue - Exceeds EPA Residential Soil RSL



528 MINERAL TRACE
HOOVER, AL 35244
(205) 985-4874

TITLE:
COC Detections above
EPA Screening Levels

Surface Soil Samples

Kennedy Galvanizing, Inc.
301 Industrial Boulevard
Hanceville, Alabama

SCALE:
0 50 100

1 inch = 100 feet

FIGURE NO.

4

PROJECT NO.

2251182.00

DRAWN BY

LKN

DATE DRAWN

02-26-2025



Legend Sub-Slab Sample Location	LaBella Powered by partnership.	TITLE: Sub-Slab Survey Sampling Locations Kennedy Galvanizing, Inc. 301 Industrial Boulevard Hanceville, Alabama	FIGURE NO. 5
			PROJECT NO. 2251182.00
			DRAWN BY LKN
		528 MINERAL TRACE HOOVER, AL 35244 (205) 985-4874	SCALE: 02550 1 inch = 50 feet

TABLES

Table 1 - Summary of Soil Boring Analytical Results

LaBella Associates

Kennedy Galvanizing

Sample ID			SBS-1A	SBS-1B	SBS-2A	SBS-2B	SBS-3A	SBS-3B	SBS-4A	SBS-4B	SBS-5A	SBS-5B
Depth Collected (ft-bgs)			0.5 - 1.0	2.5 - 4.0	0.5 - 1.0	2.5 - 4.0	0.5 - 1.0	2.5 - 4.0	0.5 - 1.0	2.5 - 4.0	0.5 - 1.0	2.5 - 4.0
Date Collected			2/6/2025	2/6/2025	2/5/2025	2/5/2025	2/6/2025	2/6/2025	2/6/2025	2/26/2025	2/6/2025	2/26/2025
Method	Industrial Soil (mg/Kg)	Resident Soil (mg/Kg)	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Volatile Organic Compounds (VOCs)												
Acetone	110000	7000	<0.0254	<0.0254	0.0601	<0.0254	<0.0254	<0.0254	<0.0254	<0.0254	<0.0254	0.0350J
Polycyclic Aromatic Hyrdocarbons (PAHs)												
Benzo(a)anthracene	21	1.1	<0.000493	<0.000493	0.00118	0.00126	<0.000493	<0.000493	<0.000493	<0.000493	0.000857	0.000893
Benzo(a)pyrene	2.1	0.11	<0.000468	<0.000468	0.00268	0.00167	<0.000468	<0.000468	<0.000468	<0.000468	0.00109	0.00117
Benzo(b)fluoranthene	21	1.1	<0.000585	<0.000585	0.00223	0.00174	<0.000585	<0.000585	<0.000585	0.000909	0.00175	0.0016
Benzo(g,h,i)perylene	--	--	<0.000639	<0.000639	0.00434	0.00185	<0.000639	<0.000639	<0.000639	<0.000639	0.000641J	<0.000639
Benzo(k)fluoranthene	210	11	<0.000437	<0.000437	0.000764	0.000553J	<0.000437	<0.000437	<0.000437	<0.000437	<0.000437	<0.000437
Chrysene	2100	110	<0.000624	<0.000624	0.00143	0.00156	<0.000624	<0.000624	<0.000624	<0.000624	<0.000624	0.000666J
Dibenz(a,h)anthracene	2.1	0.11	<0.000614	<0.000614	0.000796	<0.000614	<0.000614	<0.000614	<0.000614	<0.000614	<0.000614	<0.000614
Fluoranthene	3000	240	<0.000394	<0.000394	0.00144	0.00138	<0.000394	<0.000394	0.000444J	0.000754	0.00109	0.00109
Indeno(1,2,3-cd)pyrene	21	1.1	<0.000627	<0.000627	0.00492	0.00221	<0.000627	<0.000627	<0.000627	<0.000627	0.00142	0.00131
Phenanthrene	--	--	<0.000421	<0.000421	<0.000421	0.000498J	<0.000421	<0.000421	<0.000421	<0.000421	<0.000421	<0.000421
Pyrene	2300	180	<0.000643	<0.000643	0.0013	0.00112	<0.000643	<0.000643	<0.000643	<0.000643	0.00112	0.00113
Hexavalent Chromium & RCRA 8 Metals & Zinc												
Arsenic	3	0.68	9.18	3.93	2.83	2.56	7.41	8.49	7.19	10.4	8.24	4.02
Barium	22000	1500	34.7	43.9	17.2	16.9	25.9	23.9	33.8	26.3	37.7	29
Cadmium	10	0.71	0.772	0.191	0.172	0.0747J	0.503	0.643	0.662	1.02	0.739	0.174
Chromium (total)	--	--	35.3	16.1	6.56	13.2	27.6	55.7	38.7	34.6	35.7	28.9
Lead	800	100	10.4	7.73	2.58	4.89	9.47	9.35	10.2	9.61	10.5	9.18
Mercury	3	0.71	0.114J	0.155J	0.0651J	0.0602J	0.0831J	0.0861J	0.0629J	0.0901J	0.123J	0.106J
Selenium	580	39	<1.75	0.635	<3.50	<0.350	<0.350	<1.75	<1.75	<1.75	<0.350	0.61
Zinc	35000	2300	28	24.1	12.8	16.3	335	194	64.8	37.9	415	102

Notes:

mg/kg - results shown in milligrams per kilogram

ft-bgs - feet below ground surface

EPA RSL - Environmental Protection Agency (EPA) Industrial and Residential Regional Screening Levels (RSLs), November 2024

-- = Screening level not available

Gray Shade - detected concentration

Yellow Shade - Detected concentration exceeds the EPA Industrial RSLs

Orange Shade - Detected concentration exceeds EPA Residential RSLs

"J" Qualifier - indicates detected concentration between the method detection limit (MDL) and method quantification limit (MQL)

Table 2 - Summary of Surface Soil Analytical Results

LaBella Associates
Kennedy Galvanizing

Sample ID			SP-1	SFS-1	SFS-2	SFS-3
Data Collected			2/5/2025	2/5/2025	2/6/2025	2/5/2025
Depth Collected (ft-bgs)			0 - 0.5	0 - 1.5	0 - 1.5	0 - 1.5
Analyte	Industrial Soil (mg/Kg)	Resident Soil (mg/Kg)	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Volatile Organic Compounds (VOCs)						
Acetone	110000	7000	0.0512	<0.0254	<0.0254	<0.0254
Benzene	5.1	1.2	<0.0009	<0.0009	<0.0009	0.0012J
Carbon Disulfide	350	77	0.0122	0.0108	<0.0037	<0.0037
Toluene	4700	490	<0.0011	0.0021J	<0.0010	0.0029J
Polycyclic Aromatic Hydrocarbons (PAHs)						
Acenaphthene	4500	360	0.417	<0.000415	<0.000304	0.00263
Acenaphthylene	--	--	0.00575	<0.000368	<0.000270	<0.000270
Anthracene	23000	1800	0.919	<0.000456	0.000582J	0.00761
Benzo(a)anthracene	21	1.1	4.01	<0.000673	0.0049	0.0317
Benzo(a)pyrene	2.1	0.11	4.25	<0.000638	0.00556	0.0313
Benzo(b)fluoranthene	21	1.1	4.47	<0.000798	0.00916	0.0506
Benzo(g,h,i)perylene	--	--	1.65	<0.000872	0.00314	0.0172
Benzo(k)fluoranthene	210	11	1.64	<0.000596	0.00303	0.0172
Chrysene	2100	110	4.83	<0.000851	0.00609	0.0336
Dibenz(a,h)anthracene	2.1	0.11	0.603	<0.000838	<0.000614	0.00449
Fluoranthene	3000	240	8.4	<0.000537	0.0114	0.0787
Fluorene	3000	240	0.529	<0.000390	0.000344J	0.00377
Indeno(1,2,3-cd)pyrene	21	1.1	2.13	<0.000855	0.00468	0.0222
1-Methylnaphthalene	0.077	0.018	0.0169	<0.00149	<0.00109	<0.00109
2-Methylnaphthalene	300	24	0.018	<0.00264	<0.00194	<0.00194
Naphthalene	8.6	2	0.0142	<0.00198	<0.00145	<0.00145
Phenanthrene	--	--	6.11	<0.000574	0.00562	0.0492
Pyrene	2300	180	6.26	<0.000877	0.00868	0.0575
Hexavalent Chromium & Dissolved RCRA 8 Metals & Zinc						
Arsenic	3	0.68	7.8	6.17	7.57	7.84
Barium	22000	1500	102	30.3	35.3	25.4
Cadmium	10	0.71	1.22	0.39	0.708	0.686
Chromium (Total)	--	--	210	22.9	65.4	25.6
Lead	800	100	97.2	8.5	9.9	8.36
Mercury	3	0.71	0.0363J	0.0946J	0.114J	0.0471J
Zinc	35000	2300	5620	232	49.7	112

Notes:

mg/kg - results shown in milligrams per kilogram

ft-bgs - feet below ground surface

EPA RSL - Environmental Protection Agency (EPA) Industrial and Residential Regional Screening Levels (RSLs), November 2024

-- Screening level not available

Gray Shade - detected concentration

Yellow Shade - Detected concentration exceeds the EPA Industrial RSLs

Orange Shade - Detected concentration exceeds EPA Residential RSLs

"J" Qualifier - indicates detected concentration between the method detection limit (MDL) and method quantification limit (MQL)

Table 3 - Summary of Detected Constituents in Groundwater

LaBella Associates
Kennedy Galvanizing

Sample ID			GW-2
Date Collected			2/7/2025
Method	Analyte	EPA RSL (mg/l)	Result (mg/l)
Volatile Organic Compounds (VOCs)			
8260B	Acetone	1.8*	0.019 J
Polycyclic Aromatic Hydrocarbons (PAHs)			
8270D-SIM	2-Methylnaphthalene	0.0036*	0.000015JB
Hexavalent Chromium & Dissolved RCRA 8 Metals			
6010D	Dissolved Barium	2.0	0.0300
6010D	Dissolved Zinc	0.6*	0.373

Notes:

mg/l - results shown in milligrams per liter

EPA RSL - Environmental Protection Agency (EPA) Maximum Contaminant Level (MCLs), November 2024

* - EPA RSL for tapwater when an EPA MCL not available, November 2024

Gray Shade - detected concentration

"J" Qualifier - indicates detected concentration between the method detection limit (MDL) and method quantification limit (MQL)

"B" Qualifier - indicates analyte also detected in the method blank

APPENDIX A



Kennedy Galvanizing

Phase II ESA

Hanceville, Alabama

Log for SBS-1 / GW-1

(Page 1 of 1)

Date Started : 2/6/2025
 Date Completed : 2/6/2025
 Hole Diameter : 2 1/4"
 Drilling Method : DPT
 Sampling Method : Continuous

Drilling Company : Betts
 Driller :
 Latitude : 34.05391
 Longitude : -86.75028
 Logged By : Chey-Anne Kilpatrick

Depth in Feet (bgs)	Surf Elev.	USCS	GRAPHIC	PID Result	DESCRIPTION	Sample Locations	Well: GW-1 Elev.:
0				0	Concrete and gravel subbase		
				0	Red gravelly clay, medium sized gravel, light petroleum odor		1" PVC Casing
2				0	Brown silty clay, high plasticity, limited small gravel		
				0	No recovery		
4				0	Brown silty clay and red clay, high plasticity, limited small gravel		
6				0	Brown silty sand		1" PVC Screen
8				0	Reddish brown clay		
10				0	Dark brown and red clay with gray sand lens, strong petroleum odor		
				0	Brown-tan silty sand		Sand Pack
12				0	Tan and red sand		
				0	Pink-red concreted sand and orange sand with silty clay lenses		
14					Boring terminated at ~12 ft-bgs.		



Kennedy Galvanizing

Phase II ESA

Hanceville, Alabama

Log for SBS-2 / GW-2

(Page 1 of 1)

Date Started : 2/5/2025
 Date Completed : 2/5/2025
 Hole Diameter : 2 1/4"
 Drilling Method : DPT
 Sampling Method : Continuous

Drilling Company : Betts
 Driller :
 Latitude : 34.05355
 Longitude : -86.75031
 Logged By : Chey-Anne Kilpatrick

Depth in Feet (bgs)	Surf Elev.	USCS	GRAPHIC	PID Result	DESCRIPTION	Sample Locations	Well: GW-2 Elev.:
0				0	Dense, red clay with gray and brown striations, high plasticity		1" PVC Casing
2				0	Red-brown clay with limited sand and small gravel, high plasticity		
4				0			
6				0	Tan to reddish brown silty clay, high plasticity, wet		1" PVC Screen
8				0			Sand Pack
10				0	Reddish brown silty sand		
				0	Dense, concreted sand		
				0	Gravel, medium to large		
				0	Clay with gray striation, light petroleum odor		
				0	Pink, concreted sand and dense reddish brown sandy clay		
					Refusal. Boring terminated.		
12							
14							



Kennedy Galvanizing

Phase II ESA

Hanceville, Alabama

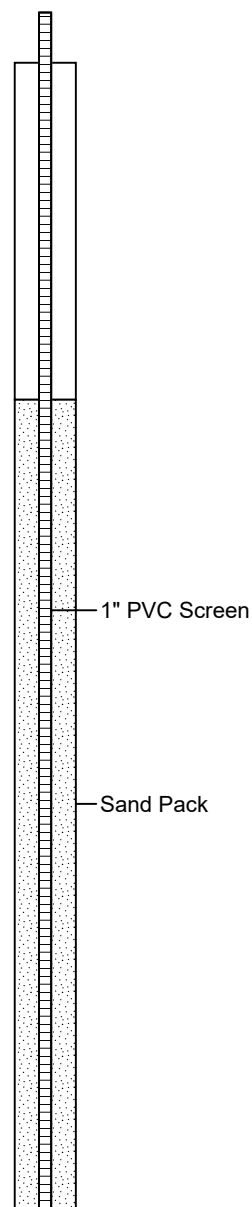
Log for SBS-3 / GW-3

(Page 1 of 1)

Date Started : 2/6/2025
 Date Completed : 2/6/2025
 Hole Diameter : 2 1/4"
 Drilling Method : DPT
 Sampling Method : Continuous

Drilling Company : Betts
 Driller :
 Latitude : 34.05438
 Longitude : -86.74990
 Logged By : Chey-Anne Kilpatrick

Depth in Feet (bgs)	Surf Elev.	USCS	GRAPHIC	PID Result	DESCRIPTION	Sample Locations	Well: GW-3 Elev.:
0				0	Red, high plasticity clay with tan silt lenses		
				0			
2				0			
				0			
4				0			
				0			
				0	Red, soft, high plasticity clay		
				0	2" thick dark brown sand lens with organics		
6				0	Tan and red silty clay		
				0	Red silty sand		
				0	Mottled tan, brown, and red silty sand		
				0	Tan sand		
8				0	Pink sand		
				0	Tan and pink sand over weathered rock		
10							





Kennedy Galvanizing

Phase II ESA

Hanceville, Alabama

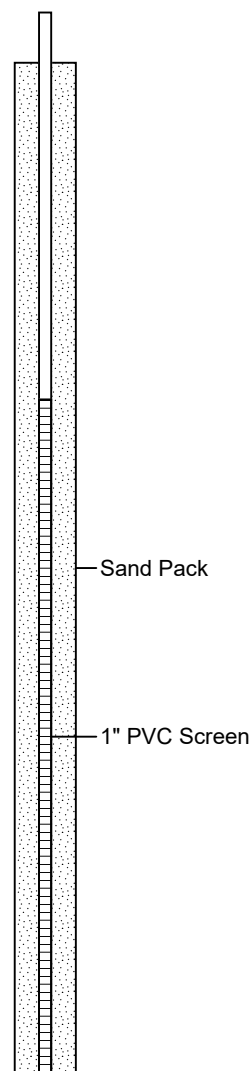
Log for SBS-4 / GW-4

(Page 1 of 1)

Date Started : 2/6/2025
 Date Completed : 2/6/2025
 Hole Diameter : 2 1/4"
 Drilling Method : DPT
 Sampling Method : Continuous

Drilling Company : Betts
 Driller :
 Latitude : 34.05434
 Longitude : -86.75021
 Logged By : Chey-Anne Kilpatrick

Depth in Feet (bgs)	Surf Elev.	USCS	GRAPHIC	PID Result	DESCRIPTION	Sample Locations	Well: GW-4 Elev.:
0					Red and tan silty clay, firm		
				0			
				0			
2				0			
				0			
				0			
4				0			
				0	Red and tan silty sand		
				0	Silty clay lenses		
6				0	Grade tan, small gravel		
				0	Pink sand		
				0	Red and tan sand with silty sand lenses over weathered rock		
					Refusal on rock. Boring terminated.		
8							
10							





Kennedy Galvanizing

Phase II ESA

Hanceville, Alabama

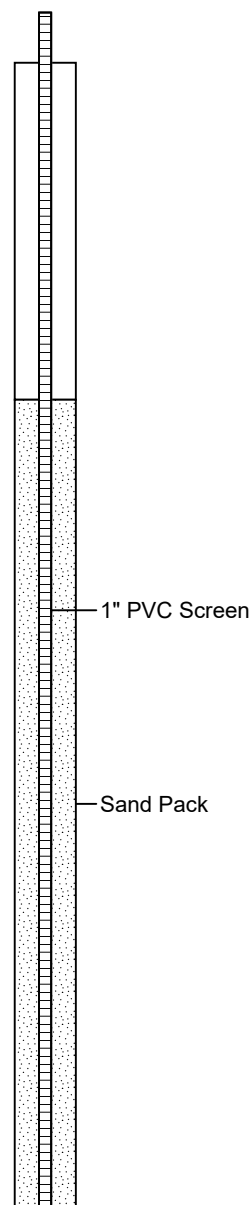
Log for SBS-5 / GW-5

(Page 1 of 1)

Date Started : 2/6/2025
 Date Completed : 2/6/2025
 Hole Diameter : 2 1/4"
 Drilling Method : DPT
 Sampling Method : Continuous

Drilling Company : Betts
 Driller :
 Latitude : 34.05424
 Longitude : -86.75068
 Logged By : Chey-Anne Kilpatrick

Depth in Feet (bgs)	Surf Elev.	USCS	GRAPHIC	PID Result	DESCRIPTION	Sample Locations	Well: GW-5 Elev.:
0					Crushed, medium to large sized gravel		
				0	Red, dense, high plasticity clay		
				0	Red to brown, silty clay with black staining and petroleum odor		
2				0	Red and brown silty clay, dense, high plasticity		
				0			
				0			
4				0	Red, high plasticity clay		
				0			
				0	Gravel		
				0	Mottled tan, red, and brown silty sand		
8					Firm, tan silt		
					Pink-red sand		
					Reddish brown sand and weathered rock		
					Refusal on rock. Boring terminated.		
10							





Kennedy Galvanizing

Phase II ESA

Hanceville, Alabama

Log for SFS-1

(Page 1 of 1)

Date Started : 2/5/2025
Date Completed : 2/5/2025
Hole Diameter : 2 1/4"
Drilling Method : DPT
Sampling Method : Continuous

Drilling Company : Betts
Driller :
Latitude : 34.05393
Longitude : -86.75102
Logged By : Chey-Anne Kilpatrick

Depth in Feet (bgs)	Surf Elev.	USCS	GRAPHIC	PID Result	DESCRIPTION	Sample Locations	Well: Elev.:
0					Large to medium gravel		
				0	Firm red clay with tan striations		
					Sufficient depth reached. Boring terminated.		
2							
4							
6							
8							
10							



Kennedy Galvanizing

Phase II ESA

Hanceville, Alabama

Log for SFS-2

(Page 1 of 1)

Date Started : 2/6/2025
Date Completed : 2/6/2025
Hole Diameter : 2 1/4"
Drilling Method : DPT
Sampling Method : Continuous

Drilling Company : Betts
Driller :
Latitude : 34.05427
Longitude : -86.75051
Logged By : Chey-Anne Kilpatrick

Depth in Feet (bgs)	Surf Elev.	USCS	GRAPHIC	PID Result	DESCRIPTION	Sample Locations	Well: Elev.:
0					Large to medium gravel		
				0	Firm red clay with tan striations		
					Sufficient depth reached. Boring terminated.		
2							
4							
6							
8							
10							



Kennedy Galvanizing

Phase II ESA

Hanceville, Alabama

Log for SFS-3

(Page 1 of 1)

Date Started : 2/5/2025
Date Completed : 2/5/2025
Hole Diameter : 2 1/4"
Drilling Method : DPT
Sampling Method : Continuous

Drilling Company : Betts
Driller :
Latitude : 34.05417
Longitude : -86.75083
Logged By : Chey-Anne Kilpatrick

Depth in Feet (bgs)	Surf Elev.	USCS	GRAPHIC	PID Result	DESCRIPTION	Sample Locations	Well: Elev.:
0					Large to medium gravel		
				0	Firm red clay with tan striations		
					Sufficient depth reached. Boring terminated.		
2							
4							
6							
8							
10							

APPENDIX B

2/18/2025

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover, AL, 35244

Ref: Analytical Testing
Lab Report Number: 25-038-0014
Client Project Description: Kennedy Galvanizing
Hanceville, AL
Project #2251182

Dear Mr. David Wall:

Waypoint Analytical, LLC. received sample(s) on 2/7/2025 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method. Where the laboratory was not responsible for the sampling stage (refer to the chain of custody) results apply to the sample as received.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2021) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,



Rebekah Ross
Project Manager

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.



Certification Summary

Laboratory ID: WP MTN: Waypoint Analytical, LLC., Memphis, TN

State	Program	Lab ID	Expiration Date
Alabama	State Program	40750	02/28/2025
Arkansas	State Program	88-0650	02/07/2025
California	State Program	2904	06/30/2025
Florida	State Program - NELAP	E871157	06/30/2025
Georgia	State Program	C044	11/14/2025
Georgia	State Program	04015	06/30/2025
Illinois	State Program - NELAP	200078	10/31/2025
Kentucky	State Program	KY90047	12/31/2025
Kentucky	State Program	80215	06/30/2025
Kentucky	State Program	KY90047	12/31/2025
Louisiana	State Program - NELAP	LA037	12/31/2025
Louisiana	State Program - NELAP	04015	06/30/2025
Mississippi	State Program	MS	11/14/2025
North Carolina	State Program	47701	07/31/2025
North Carolina	State Program	415	12/31/2025
Pennsylvania	State Program - NELAP	68-03195	05/31/2025
South Carolina	State Program	84002	06/30/2025
Tennessee	State Program	02027	11/14/2025
Texas	State Program - NELAP	T104704180	09/30/2025
Virginia	State Program	00106	06/30/2025
Virginia	State Program - NELAP	460181	09/14/2025



Sample Summary Table

Report Number: 25-038-0014
Client Project Description: Kennedy Galvanizing
Hanceville, AL
Project #2251182

Lab No	Client Sample ID	Matrix	Date Collected	Date Received
87273	SBS-4A	Solids	02/06/2025 12:24	02/07/2025
87274	SBS-4B	Solids	02/06/2025 12:32	02/07/2025
87275	SBS-3A	Solids	02/06/2025 13:03	02/07/2025
87276	SBS-3B	Solids	02/06/2025 13:10	02/07/2025

Summary of Detected Analytes

Project: Kennedy Galvanizing

Report Number: 25-038-0014

Client Sample ID	Lab Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
SBS-4A	L 87273					
6010D	Arsenic	7.19	mg/Kg	0.250	02/16/2025 02:45	
6010D	Barium	33.8	mg/Kg	0.150	02/16/2025 02:45	
6010D	Cadmium	0.662	mg/Kg	0.0500	02/16/2025 02:45	
6010D	Chromium	38.7	mg/Kg	0.250	02/16/2025 02:45	
6010D	Lead	10.2	mg/Kg	0.200	02/16/2025 02:45	
6010D	Zinc	64.8	mg/Kg	0.850	02/16/2025 02:45	
7471A	Mercury	0.0629	mg/Kg	0.0205	02/14/2025 14:18	J
8270D SIM	Fluoranthene	0.000444	mg/Kg	0.000394	02/11/2025 17:47	J
SW-DRYWT	Moisture	15.8	%	0	02/11/2025 10:31	
SBS-4B	L 87274					
6010D	Arsenic	10.4	mg/Kg	0.250	02/16/2025 02:51	
6010D	Barium	26.3	mg/Kg	0.150	02/16/2025 02:51	
6010D	Cadmium	1.02	mg/Kg	0.0500	02/16/2025 02:51	
6010D	Chromium	34.6	mg/Kg	0.250	02/16/2025 02:51	
6010D	Lead	9.61	mg/Kg	0.200	02/16/2025 02:51	
6010D	Zinc	37.9	mg/Kg	0.850	02/16/2025 02:51	
7471A	Mercury	0.0901	mg/Kg	0.0200	02/14/2025 14:19	J
8270D SIM	Benzo(b)fluoranthene	0.000909	mg/Kg	0.000585	02/11/2025 18:07	
8270D SIM	Fluoranthene	0.000754	mg/Kg	0.000394	02/11/2025 18:07	
SW-DRYWT	Moisture	16.8	%	0	02/11/2025 10:31	
SBS-3A	L 87275					
6010D	Arsenic	7.41	mg/Kg	0.250	02/16/2025 02:56	
6010D	Barium	25.9	mg/Kg	0.150	02/16/2025 02:56	
6010D	Cadmium	0.503	mg/Kg	0.0500	02/16/2025 02:56	
6010D	Chromium	27.6	mg/Kg	0.250	02/16/2025 02:56	
6010D	Lead	9.47	mg/Kg	0.200	02/16/2025 02:56	
6010D	Zinc	335	mg/Kg	0.850	02/16/2025 02:56	
7471A	Mercury	0.0831	mg/Kg	0.0218	02/14/2025 14:20	J
SW-DRYWT	Moisture	17.4	%	0	02/11/2025 10:31	
SBS-3B	L 87276					
6010D	Arsenic	8.49	mg/Kg	0.250	02/16/2025 03:01	
6010D	Barium	23.9	mg/Kg	0.150	02/16/2025 03:01	
6010D	Cadmium	0.643	mg/Kg	0.0500	02/16/2025 03:01	
6010D	Chromium	55.7	mg/Kg	0.250	02/16/2025 03:01	
6010D	Lead	9.35	mg/Kg	0.200	02/16/2025 03:01	

Summary of Detected Analytes

Project: Kennedy Galvanizing

Report Number: 25-038-0014

Client Sample ID	Lab Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
SBS-3B	L 87276					
6010D	Zinc	194	mg/Kg	0.850	02/16/2025 03:01	
7471A	Mercury	0.0861	mg/Kg	0.0215	02/14/2025 14:22	J
SW-DRYWT	Moisture	17.7	%	0	02/11/2025 10:31	



Client: LaBella Associates
Project: Kennedy Galvanizing
Lab Report Number: 25-038-0014
Date: 2/18/2025

CASE NARRATIVE

Metals Analysis Method 6010D

Sample 87688 (Old Dirt Pile)

Analyte: Lead

QC Batch No: L800271/L799982

The matrix spike and/or the matrix spike duplicate was outside quality control acceptance ranges. A dilution test was performed and passed quality control acceptance ranges. No matrix interference is suspected.

Sample 87273 (SBS-4A)

Analyte: Selenium

QC Batch No: L800271/L799982

This analyte was analyzed at a dilution due to IEC interference/matrix interference.

Sample 87274 (SBS-4B)

Analyte: Selenium

QC Batch No: L800271/L799982

This analyte was analyzed at a dilution due to IEC interference/matrix interference.

Sample 87276 (SBS-3B)

Analyte: Selenium

QC Batch No: L800271/L799982

This analyte was analyzed at a dilution due to IEC interference/matrix interference.

Sample 87688 (Old Dirt Pile)

Analyte: Selenium

QC Batch No: L800271/L799982

The matrix spike and/or the matrix spike duplicate was outside quality control acceptance ranges. A post digestion spike was performed and passed quality control acceptance ranges. No matrix interference is suspected.

Sample 87688 (Old Dirt Pile)

Analyte: Zinc

QC Batch No: L800271/L799982

The matrix spike, matrix spike duplicate and the dilution test were all outside of the quality control acceptance ranges. Matrix interference is suspected.

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/18/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0014**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87273**
Sample ID : **SBS-4A**

Matrix: **Solids**
Sampled: **2/6/2025 12:24**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	15.8	%	0	0.050	1	02/11/25 10:31	CAH	SW-DRYWT
Chromium, Hexavalent	<0.500	mg/Kg		0.500	1	02/12/25 12:45	ADT	3060A 7196A
Arsenic	7.19	mg/Kg	0.250	0.500	1	02/16/25 02:45	BKN	6010D
Barium	33.8	mg/Kg	0.150	0.500	1	02/16/25 02:45	BKN	6010D
Cadmium	0.662	mg/Kg	0.0500	0.100	1	02/16/25 02:45	BKN	6010D
Chromium	38.7	mg/Kg	0.250	0.250	1	02/16/25 02:45	BKN	6010D
Lead	10.2	mg/Kg	0.200	0.300	1	02/16/25 02:45	BKN	6010D
Mercury	0.0629 J	mg/Kg	0.0205	0.170	1	02/14/25 14:18	JTR	7471A
Selenium	<1.75	mg/Kg	1.75	2.50	5	02/18/25 01:13	JTR	6010D
Silver	<0.200	mg/Kg	0.200	0.250	1	02/16/25 02:45	BKN	6010D
Zinc	64.8	mg/Kg	0.850	1.25	1	02/16/25 02:45	BKN	6010D

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover, AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/18/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0014**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87273**

Matrix: **Solids**

Sample ID : **SBS-4A**

Sampled: **2/6/2025 12:24**

Analytical Method: 8260B

Prep Batch(es): **L799582** 02/11/25 08:47

Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acetone	<0.0254	mg/Kg	0.0254	0.0400	1	02/11/25 20:31	ASH	L799700
Acrylonitrile	<0.0087	mg/Kg	0.0087	0.0400	1	02/11/25 20:31	ASH	L799700
Benzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 20:31	ASH	L799700
Bromobenzene	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 20:31	ASH	L799700
Bromodichloromethane	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 20:31	ASH	L799700
Bromoform	<0.0019	mg/Kg	0.0019	0.0020	1	02/11/25 20:31	ASH	L799700
Bromomethane	<0.0014	mg/Kg	0.0014	0.0020	1	02/11/25 20:31	ASH	L799700
2-Butanone (MEK)	<0.0365	mg/Kg	0.0365	0.0400	1	02/11/25 20:31	ASH	L799700
n-Butylbenzene	<0.0018	mg/Kg	0.0018	0.0020	1	02/11/25 20:31	ASH	L799700
sec-Butyl benzene	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 20:31	ASH	L799700
tert-Butyl benzene	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 20:31	ASH	L799700
Carbon Disulfide	<0.0037	mg/Kg	0.0037	0.0100	1	02/11/25 20:31	ASH	L799700
Carbon Tetrachloride	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 20:31	ASH	L799700
Chlorobenzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 20:31	ASH	L799700
Chlorodibromomethane	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 20:31	ASH	L799700
Chloroethane	<0.0017	mg/Kg	0.0017	0.0020	1	02/11/25 20:31	ASH	L799700
Chloroform	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 20:31	ASH	L799700
Chloromethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 20:31	ASH	L799700
2-Chlorotoluene	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 20:31	ASH	L799700
4-Chlorotoluene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 20:31	ASH	L799700
Cyclohexane	<0.0086	mg/Kg	0.0086	0.0100	1	02/11/25 20:31	ASH	L799700
Di-Isopropyl Ether (DIPE)	<0.0090	mg/Kg	0.0090	0.0400	1	02/11/25 20:31	ASH	L799700

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover, AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/18/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0014**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87273**

Matrix: **Solids**

Sample ID : **SBS-4A**

Sampled: **2/6/2025 12:24**

Analytical Method: 8260B

Prep Batch(es): **L799582** 02/11/25 08:47

Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2-Dibromo-3-Chloropropane	<0.0040	mg/Kg	0.0040	0.0100	1	02/11/25 20:31	ASH	L799700
1,2-Dibromoethane	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 20:31	ASH	L799700
Dibromomethane	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 20:31	ASH	L799700
1,2-Dichlorobenzene	<0.0017	mg/Kg	0.0017	0.0020	1	02/11/25 20:31	ASH	L799700
1,3-Dichlorobenzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 20:31	ASH	L799700
1,4-Dichlorobenzene	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 20:31	ASH	L799700
Dichlorodifluoromethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 20:31	ASH	L799700
1,1-Dichloroethane	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 20:31	ASH	L799700
1,2-Dichloroethane	<0.0012	mg/Kg	0.0012	0.0020	1	02/11/25 20:31	ASH	L799700
1,1-Dichloroethene	<0.0018	mg/Kg	0.0018	0.0020	1	02/11/25 20:31	ASH	L799700
cis-1,2-Dichloroethene	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 20:31	ASH	L799700
trans-1,2-Dichloroethene	<0.0012	mg/Kg	0.0012	0.0020	1	02/11/25 20:31	ASH	L799700
1,2-Dichloroethene (Total)	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 20:31		L799700
1,2-Dichloropropane	<0.0014	mg/Kg	0.0014	0.0020	1	02/11/25 20:31	ASH	L799700
1,3-Dichloropropane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 20:31	ASH	L799700
2,2-Dichloropropane	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 20:31	ASH	L799700
1,1-Dichloropropene	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 20:31	ASH	L799700
cis-1,3-Dichloropropene	<0.0008	mg/Kg	0.0008	0.0020	1	02/11/25 20:31	ASH	L799700
trans-1,3-Dichloropropene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 20:31	ASH	L799700
Ethylbenzene	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 20:31	ASH	L799700
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.0006	mg/Kg	0.0006	0.0020	1	02/11/25 20:31	ASH	L799700
Hexachlorobutadiene	<0.0019	mg/Kg	0.0019	0.0020	1	02/11/25 20:31	ASH	L799700

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/18/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0014**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87273**
Sample ID : **SBS-4A**

Matrix: **Solids**
Sampled: **2/6/2025 12:24**

Analytical Method: 8260B **Prep Batch(es):** **L799582** 02/11/25 08:47
Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
2-Hexanone	<0.0081	mg/Kg	0.0081	0.0100	1	02/11/25 20:31	ASH	L799700
Isopropylbenzene	<0.0015	mg/Kg	0.0015	0.0020	1	02/11/25 20:31	ASH	L799700
4-Isopropyl toluene	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 20:31	ASH	L799700
Methyl Acetate	<0.0076	mg/Kg	0.0076	0.0100	1	02/11/25 20:31	ASH	L799700
4-Methyl-2-Pentanone	<0.0078	mg/Kg	0.0078	0.0100	1	02/11/25 20:31	ASH	L799700
Methylcyclohexane	<0.0081	mg/Kg	0.0081	0.0100	1	02/11/25 20:31	ASH	L799700
Methylene Chloride	<0.0095	mg/Kg	0.0095	0.0100	1	02/11/25 20:31	ASH	L799700
Methyl tert-butyl ether (MTBE)	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 20:31	ASH	L799700
n-Propylbenzene	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 20:31	ASH	L799700
Styrene	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 20:31	ASH	L799700
1,1,1,2-Tetrachloroethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 20:31	ASH	L799700
1,1,2,2-Tetrachloroethane	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 20:31	ASH	L799700
Tetrachloroethene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 20:31	ASH	L799700
Toluene	<0.0010	mg/Kg	0.0010	0.0040	1	02/11/25 20:31	ASH	L799700
1,2,3-Trichlorobenzene	<0.0023	mg/Kg	0.0023	0.0040	1	02/11/25 20:31	ASH	L799700
1,2,4-Trichlorobenzene	<0.0021	mg/Kg	0.0021	0.0040	1	02/11/25 20:31	ASH	L799700
1,1,1-Trichloroethane	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 20:31	ASH	L799700
1,1,2-Trichloroethane	<0.0006	mg/Kg	0.0006	0.0020	1	02/11/25 20:31	ASH	L799700
Trichloroethene	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 20:31	ASH	L799700
Trichlorofluoromethane	<0.0017	mg/Kg	0.0017	0.0020	1	02/11/25 20:31	ASH	L799700
1,2,3-Trichloropropane	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 20:31	ASH	L799700
1,2,3-Trimethylbenzene	<0.0020	mg/Kg	0.0020	0.0020	1	02/11/25 20:31	ASH	L799700

Qualifiers/	DF	Dilution Factor	J	Estimated value
Definitions	MQL	Method Quantitation Limit		

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/18/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0014**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87273**

Matrix: **Solids**

Sample ID : **SBS-4A**

Sampled: **2/6/2025 12:24**

Analytical Method: 8260B

Prep Batch(es): **L799582** 02/11/25 08:47

Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2,4-Trimethylbenzene	<0.0019	mg/Kg	0.0019	0.0020	1	02/11/25 20:31	ASH	L799700
1,3,5-Trimethylbenzene	<0.0008	mg/Kg	0.0008	0.0020	1	02/11/25 20:31	ASH	L799700
Vinyl Chloride	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 20:31	ASH	L799700
Xylene (Total)	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 20:31		L799700
Surrogate: 4-Bromofluorobenzene	97.5		Limits: 60-140%		1	02/11/25 20:31	ASH	L799700
Surrogate: 1,2-Dichloroethane - d4	96.4		Limits: 60-140%		1	02/11/25 20:31	ASH	L799700
Surrogate: Toluene-d8	103		Limits: 60-140%		1	02/11/25 20:31	ASH	L799700

Analytical Method: 8270D SIM

Prep Batch(es): **L799102** 02/10/25 11:37

Prep Method: 3550B

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<0.000304	mg/Kg	0.000304	0.000670	1	02/11/25 17:47	NFP	L799622
Acenaphthylene	<0.000270	mg/Kg	0.000270	0.000670	1	02/11/25 17:47	NFP	L799622
Anthracene	<0.000334	mg/Kg	0.000334	0.000670	1	02/11/25 17:47	NFP	L799622
Benzo(a)anthracene	<0.000493	mg/Kg	0.000493	0.000670	1	02/11/25 17:47	NFP	L799622
Benzo(a)pyrene	<0.000468	mg/Kg	0.000468	0.000670	1	02/11/25 17:47	NFP	L799622
Benzo(b)fluoranthene	<0.000585	mg/Kg	0.000585	0.000670	1	02/11/25 17:47	NFP	L799622
Benzo(g,h,i)perylene	<0.000639	mg/Kg	0.000639	0.000670	1	02/11/25 17:47	NFP	L799622
Benzo(k)fluoranthene	<0.000437	mg/Kg	0.000437	0.000670	1	02/11/25 17:47	NFP	L799622
Chrysene	<0.000624	mg/Kg	0.000624	0.000670	1	02/11/25 17:47	NFP	L799622
Dibenz(a,h)anthracene	<0.000614	mg/Kg	0.000614	0.000670	1	02/11/25 17:47	NFP	L799622
Fluoranthene	0.000444 J	mg/Kg	0.000394	0.000670	1	02/11/25 17:47	NFP	L799622

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/18/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0014**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87273**

Matrix: **Solids**

Sample ID : **SBS-4A**

Sampled: **2/6/2025 12:24**

Analytical Method: 8270D SIM

Prep Batch(es): **L799102** 02/10/25 11:37

Prep Method: 3550B

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Fluorene	<0.000286	mg/Kg	0.000286	0.000670	1	02/11/25 17:47	NFP	L799622
Indeno(1,2,3-cd)pyrene	<0.000627	mg/Kg	0.000627	0.000670	1	02/11/25 17:47	NFP	L799622
1-Methylnaphthalene	<0.00109	mg/Kg	0.00109	0.00201	1	02/11/25 17:47	NFP	L799622
2-Methylnaphthalene	<0.00194	mg/Kg	0.00194	0.00201	1	02/11/25 17:47	NFP	L799622
Naphthalene	<0.00145	mg/Kg	0.00145	0.00201	1	02/11/25 17:47	NFP	L799622
Phenanthrene	<0.000421	mg/Kg	0.000421	0.000670	1	02/11/25 17:47	NFP	L799622
Pyrene	<0.000643	mg/Kg	0.000643	0.000670	1	02/11/25 17:47	NFP	L799622
Surrogate: 2-Fluorobiphenyl	34.7		Limits: 33-115%		1	02/11/25 17:47	NFP	L799622
Surrogate: Nitrobenzene-d5	46.2		Limits: 29-110%		1	02/11/25 17:47	NFP	L799622
Surrogate: 4-Terphenyl-d14	54.7		Limits: 33-122%		1	02/11/25 17:47	NFP	L799622

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/18/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0014**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87274**
Sample ID : **SBS-4B**

Matrix: **Solids**
Sampled: **2/6/2025 12:32**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	16.8	%	0	0.050	1	02/11/25 10:31	CAH	SW-DRYWT
Chromium, Hexavalent	<0.500	mg/Kg		0.500	1	02/12/25 12:45	ADT	3060A 7196A
Arsenic	10.4	mg/Kg	0.250	0.500	1	02/16/25 02:51	BKN	6010D
Barium	26.3	mg/Kg	0.150	0.500	1	02/16/25 02:51	BKN	6010D
Cadmium	1.02	mg/Kg	0.0500	0.100	1	02/16/25 02:51	BKN	6010D
Chromium	34.6	mg/Kg	0.250	0.250	1	02/16/25 02:51	BKN	6010D
Lead	9.61	mg/Kg	0.200	0.300	1	02/16/25 02:51	BKN	6010D
Mercury	0.0901 J	mg/Kg	0.0200	0.166	1	02/14/25 14:19	JTR	7471A
Selenium	<1.75	mg/Kg	1.75	2.50	5	02/18/25 01:19	JTR	6010D
Silver	<0.200	mg/Kg	0.200	0.250	1	02/16/25 02:51	BKN	6010D
Zinc	37.9	mg/Kg	0.850	1.25	1	02/16/25 02:51	BKN	6010D

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
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Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/18/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0014**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87274**
Sample ID : **SBS-4B**

Matrix: **Solids**
Sampled: **2/6/2025 12:32**

Analytical Method: 8260B **Prep Batch(es):** **L799797** 02/12/25 08:15
Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acetone	<0.0254	mg/Kg	0.0254	0.0400	1	02/12/25 13:03	ASH	L799959
Acrylonitrile	<0.0087	mg/Kg	0.0087	0.0400	1	02/12/25 13:03	ASH	L799959
Benzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/12/25 13:03	ASH	L799959
Bromobenzene	<0.0013	mg/Kg	0.0013	0.0020	1	02/12/25 13:03	ASH	L799959
Bromodichloromethane	<0.0009	mg/Kg	0.0009	0.0020	1	02/12/25 13:03	ASH	L799959
Bromoform	<0.0019	mg/Kg	0.0019	0.0020	1	02/12/25 13:03	ASH	L799959
Bromomethane	<0.0014	mg/Kg	0.0014	0.0020	1	02/12/25 13:03	ASH	L799959
2-Butanone (MEK)	<0.0365	mg/Kg	0.0365	0.0400	1	02/12/25 13:03	ASH	L799959
n-Butylbenzene	<0.0018	mg/Kg	0.0018	0.0020	1	02/12/25 13:03	ASH	L799959
sec-Butyl benzene	<0.0013	mg/Kg	0.0013	0.0020	1	02/12/25 13:03	ASH	L799959
tert-Butyl benzene	<0.0010	mg/Kg	0.0010	0.0020	1	02/12/25 13:03	ASH	L799959
Carbon Disulfide	<0.0037	mg/Kg	0.0037	0.0100	1	02/12/25 13:03	ASH	L799959
Carbon Tetrachloride	<0.0009	mg/Kg	0.0009	0.0020	1	02/12/25 13:03	ASH	L799959
Chlorobenzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/12/25 13:03	ASH	L799959
Chlorodibromomethane	<0.0011	mg/Kg	0.0011	0.0020	1	02/12/25 13:03	ASH	L799959
Chloroethane	<0.0017	mg/Kg	0.0017	0.0020	1	02/12/25 13:03	ASH	L799959
Chloroform	<0.0010	mg/Kg	0.0010	0.0020	1	02/12/25 13:03	ASH	L799959
Chloromethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/12/25 13:03	ASH	L799959
2-Chlorotoluene	<0.0007	mg/Kg	0.0007	0.0020	1	02/12/25 13:03	ASH	L799959
4-Chlorotoluene	<0.0009	mg/Kg	0.0009	0.0020	1	02/12/25 13:03	ASH	L799959
Cyclohexane	<0.0086	mg/Kg	0.0086	0.0100	1	02/12/25 13:03	ASH	L799959
Di-Isopropyl Ether (DIPE)	<0.0090	mg/Kg	0.0090	0.0400	1	02/12/25 13:03	ASH	L799959

Qualifiers/	DF	Dilution Factor	J	Estimated value
Definitions	MQL	Method Quantitation Limit		

05143

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Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/18/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0014**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87274**
Sample ID : **SBS-4B**

Matrix: **Solids**
Sampled: **2/6/2025 12:32**

Analytical Method: 8260B **Prep Batch(es):** **L799797** 02/12/25 08:15
Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2-Dibromo-3-Chloropropane	<0.0040	mg/Kg	0.0040	0.0100	1	02/12/25 13:03	ASH	L799959
1,2-Dibromoethane	<0.0010	mg/Kg	0.0010	0.0020	1	02/12/25 13:03	ASH	L799959
Dibromomethane	<0.0013	mg/Kg	0.0013	0.0020	1	02/12/25 13:03	ASH	L799959
1,2-Dichlorobenzene	<0.0017	mg/Kg	0.0017	0.0020	1	02/12/25 13:03	ASH	L799959
1,3-Dichlorobenzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/12/25 13:03	ASH	L799959
1,4-Dichlorobenzene	<0.0016	mg/Kg	0.0016	0.0020	1	02/12/25 13:03	ASH	L799959
Dichlorodifluoromethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/12/25 13:03	ASH	L799959
1,1-Dichloroethane	<0.0011	mg/Kg	0.0011	0.0020	1	02/12/25 13:03	ASH	L799959
1,2-Dichloroethane	<0.0012	mg/Kg	0.0012	0.0020	1	02/12/25 13:03	ASH	L799959
1,1-Dichloroethene	<0.0018	mg/Kg	0.0018	0.0020	1	02/12/25 13:03	ASH	L799959
cis-1,2-Dichloroethene	<0.0011	mg/Kg	0.0011	0.0020	1	02/12/25 13:03	ASH	L799959
trans-1,2-Dichloroethene	<0.0012	mg/Kg	0.0012	0.0020	1	02/12/25 13:03	ASH	L799959
1,2-Dichloroethene (Total)	<0.0011	mg/Kg	0.0011	0.0020	1	02/12/25 13:03		L799959
1,2-Dichloropropane	<0.0014	mg/Kg	0.0014	0.0020	1	02/12/25 13:03	ASH	L799959
1,3-Dichloropropane	<0.0016	mg/Kg	0.0016	0.0020	1	02/12/25 13:03	ASH	L799959
2,2-Dichloropropane	<0.0011	mg/Kg	0.0011	0.0020	1	02/12/25 13:03	ASH	L799959
1,1-Dichloropropene	<0.0007	mg/Kg	0.0007	0.0020	1	02/12/25 13:03	ASH	L799959
cis-1,3-Dichloropropene	<0.0008	mg/Kg	0.0008	0.0020	1	02/12/25 13:03	ASH	L799959
trans-1,3-Dichloropropene	<0.0009	mg/Kg	0.0009	0.0020	1	02/12/25 13:03	ASH	L799959
Ethylbenzene	<0.0011	mg/Kg	0.0011	0.0020	1	02/12/25 13:03	ASH	L799959
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.0006	mg/Kg	0.0006	0.0020	1	02/12/25 13:03	ASH	L799959
Hexachlorobutadiene	<0.0019	mg/Kg	0.0019	0.0020	1	02/12/25 13:03	ASH	L799959

Qualifiers/	DF	Dilution Factor	J	Estimated value
Definitions	MQL	Method Quantitation Limit		

05143

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Mr. David Wall
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Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/18/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0014**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87274**

Matrix: **Solids**

Sample ID : **SBS-4B**

Sampled: **2/6/2025 12:32**

Analytical Method: 8260B

Prep Batch(es): **L799797** 02/12/25 08:15

Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
2-Hexanone	<0.0081	mg/Kg	0.0081	0.0100	1	02/12/25 13:03	ASH	L799959
Isopropylbenzene	<0.0015	mg/Kg	0.0015	0.0020	1	02/12/25 13:03	ASH	L799959
4-Isopropyl toluene	<0.0013	mg/Kg	0.0013	0.0020	1	02/12/25 13:03	ASH	L799959
Methyl Acetate	<0.0076	mg/Kg	0.0076	0.0100	1	02/12/25 13:03	ASH	L799959
4-Methyl-2-Pentanone	<0.0078	mg/Kg	0.0078	0.0100	1	02/12/25 13:03	ASH	L799959
Methylcyclohexane	<0.0081	mg/Kg	0.0081	0.0100	1	02/12/25 13:03	ASH	L799959
Methylene Chloride	<0.0095	mg/Kg	0.0095	0.0100	1	02/12/25 13:03	ASH	L799959
Methyl tert-butyl ether (MTBE)	<0.0010	mg/Kg	0.0010	0.0020	1	02/12/25 13:03	ASH	L799959
n-Propylbenzene	<0.0011	mg/Kg	0.0011	0.0020	1	02/12/25 13:03	ASH	L799959
Styrene	<0.0010	mg/Kg	0.0010	0.0020	1	02/12/25 13:03	ASH	L799959
1,1,1,2-Tetrachloroethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/12/25 13:03	ASH	L799959
1,1,2,2-Tetrachloroethane	<0.0013	mg/Kg	0.0013	0.0020	1	02/12/25 13:03	ASH	L799959
Tetrachloroethene	<0.0009	mg/Kg	0.0009	0.0020	1	02/12/25 13:03	ASH	L799959
Toluene	<0.0010	mg/Kg	0.0010	0.0040	1	02/12/25 13:03	ASH	L799959
1,2,3-Trichlorobenzene	<0.0023	mg/Kg	0.0023	0.0040	1	02/12/25 13:03	ASH	L799959
1,2,4-Trichlorobenzene	<0.0021	mg/Kg	0.0021	0.0040	1	02/12/25 13:03	ASH	L799959
1,1,1-Trichloroethane	<0.0009	mg/Kg	0.0009	0.0020	1	02/12/25 13:03	ASH	L799959
1,1,2-Trichloroethane	<0.0006	mg/Kg	0.0006	0.0020	1	02/12/25 13:03	ASH	L799959
Trichloroethene	<0.0010	mg/Kg	0.0010	0.0020	1	02/12/25 13:03	ASH	L799959
Trichlorofluoromethane	<0.0017	mg/Kg	0.0017	0.0020	1	02/12/25 13:03	ASH	L799959
1,2,3-Trichloropropane	<0.0013	mg/Kg	0.0013	0.0020	1	02/12/25 13:03	ASH	L799959
1,2,3-Trimethylbenzene	<0.0020	mg/Kg	0.0020	0.0020	1	02/12/25 13:03	ASH	L799959

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover, AL 35244

Project Kennedy Galvanizing
Information: Hanceville, AL
Project #2251182

Report Date: 02/18/2025
Received: 02/07/2025

Rebekah Ross

Report Number: **25-038-0014**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No: **87274**

Matrix: **Solids**

Sample ID: **SBS-4B**

Sampled: **2/6/2025 12:32**

Analytical Method: 8260B

Prep Batch(es): **L799797** 02/12/25 08:15

Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2,4-Trimethylbenzene	<0.0019	mg/Kg	0.0019	0.0020	1	02/12/25 13:03	ASH	L799959
1,3,5-Trimethylbenzene	<0.0008	mg/Kg	0.0008	0.0020	1	02/12/25 13:03	ASH	L799959
Vinyl Chloride	<0.0016	mg/Kg	0.0016	0.0020	1	02/12/25 13:03	ASH	L799959
Xylene (Total)	<0.0007	mg/Kg	0.0007	0.0020	1	02/12/25 13:03		L799959
Surrogate: 4-Bromofluorobenzene	95.2		Limits: 60-140%		1	02/12/25 13:03	ASH	L799959
Surrogate: 1,2-Dichloroethane - d4	93.2		Limits: 60-140%		1	02/12/25 13:03	ASH	L799959
Surrogate: Toluene-d8	104		Limits: 60-140%		1	02/12/25 13:03	ASH	L799959

Analytical Method: 8270D SIM

Prep Batch(es): **L799102** 02/10/25 11:37

Prep Method: 3550B

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<0.000304	mg/Kg	0.000304	0.000670	1	02/11/25 18:07	NFP	L799622
Acenaphthylene	<0.000270	mg/Kg	0.000270	0.000670	1	02/11/25 18:07	NFP	L799622
Anthracene	<0.000334	mg/Kg	0.000334	0.000670	1	02/11/25 18:07	NFP	L799622
Benzo(a)anthracene	<0.000493	mg/Kg	0.000493	0.000670	1	02/11/25 18:07	NFP	L799622
Benzo(a)pyrene	<0.000468	mg/Kg	0.000468	0.000670	1	02/11/25 18:07	NFP	L799622
Benzo(b)fluoranthene	0.000909	mg/Kg	0.000585	0.000670	1	02/11/25 18:07	NFP	L799622
Benzo(g,h,i)perylene	<0.000639	mg/Kg	0.000639	0.000670	1	02/11/25 18:07	NFP	L799622
Benzo(k)fluoranthene	<0.000437	mg/Kg	0.000437	0.000670	1	02/11/25 18:07	NFP	L799622
Chrysene	<0.000624	mg/Kg	0.000624	0.000670	1	02/11/25 18:07	NFP	L799622
Dibenz(a,h)anthracene	<0.000614	mg/Kg	0.000614	0.000670	1	02/11/25 18:07	NFP	L799622
Fluoranthene	0.000754	mg/Kg	0.000394	0.000670	1	02/11/25 18:07	NFP	L799622

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

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Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/18/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0014**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87274**

Matrix: **Solids**

Sample ID : **SBS-4B**

Sampled: **2/6/2025 12:32**

Analytical Method: 8270D SIM

Prep Batch(es): **L799102** 02/10/25 11:37

Prep Method: 3550B

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Fluorene	<0.000286	mg/Kg	0.000286	0.000670	1	02/11/25 18:07	NFP	L799622
Indeno(1,2,3-cd)pyrene	<0.000627	mg/Kg	0.000627	0.000670	1	02/11/25 18:07	NFP	L799622
1-Methylnaphthalene	<0.00109	mg/Kg	0.00109	0.00201	1	02/11/25 18:07	NFP	L799622
2-Methylnaphthalene	<0.00194	mg/Kg	0.00194	0.00201	1	02/11/25 18:07	NFP	L799622
Naphthalene	<0.00145	mg/Kg	0.00145	0.00201	1	02/11/25 18:07	NFP	L799622
Phenanthrene	<0.000421	mg/Kg	0.000421	0.000670	1	02/11/25 18:07	NFP	L799622
Pyrene	<0.000643	mg/Kg	0.000643	0.000670	1	02/11/25 18:07	NFP	L799622
Surrogate: 2-Fluorobiphenyl	37.7		Limits: 33-115%		1	02/11/25 18:07	NFP	L799622
Surrogate: Nitrobenzene-d5	49.4		Limits: 29-110%		1	02/11/25 18:07	NFP	L799622
Surrogate: 4-Terphenyl-d14	58.0		Limits: 33-122%		1	02/11/25 18:07	NFP	L799622

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

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Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/18/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0014**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87275**
Sample ID : **SBS-3A**

Matrix: **Solids**
Sampled: **2/6/2025 13:03**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	17.4	%	0	0.050	1	02/11/25 10:31	CAH	SW-DRYWT
Chromium, Hexavalent	<0.500	mg/Kg		0.500	1	02/12/25 12:45	ADT	3060A 7196A
Arsenic	7.41	mg/Kg	0.250	0.500	1	02/16/25 02:56	BKN	6010D
Barium	25.9	mg/Kg	0.150	0.500	1	02/16/25 02:56	BKN	6010D
Cadmium	0.503	mg/Kg	0.0500	0.100	1	02/16/25 02:56	BKN	6010D
Chromium	27.6	mg/Kg	0.250	0.250	1	02/16/25 02:56	BKN	6010D
Lead	9.47	mg/Kg	0.200	0.300	1	02/16/25 02:56	BKN	6010D
Mercury	0.0831 J	mg/Kg	0.0218	0.181	1	02/14/25 14:20	JTR	7471A
Selenium	<0.350	mg/Kg	0.350	0.500	1	02/16/25 02:56	BKN	6010D
Silver	<0.200	mg/Kg	0.200	0.250	1	02/16/25 02:56	BKN	6010D
Zinc	335	mg/Kg	0.850	1.25	1	02/16/25 02:56	BKN	6010D

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

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Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/18/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0014**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87275**
Sample ID : **SBS-3A**

Matrix: **Solids**
Sampled: **2/6/2025 13:03**

Analytical Method: 8260B **Prep Batch(es):** **L799797** 02/12/25 08:15
Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acetone	<0.0254	mg/Kg	0.0254	0.0400	1	02/12/25 13:45	ASH	L799959
Acrylonitrile	<0.0087	mg/Kg	0.0087	0.0400	1	02/12/25 13:45	ASH	L799959
Benzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/12/25 13:45	ASH	L799959
Bromobenzene	<0.0013	mg/Kg	0.0013	0.0020	1	02/12/25 13:45	ASH	L799959
Bromodichloromethane	<0.0009	mg/Kg	0.0009	0.0020	1	02/12/25 13:45	ASH	L799959
Bromoform	<0.0019	mg/Kg	0.0019	0.0020	1	02/12/25 13:45	ASH	L799959
Bromomethane	<0.0014	mg/Kg	0.0014	0.0020	1	02/12/25 13:45	ASH	L799959
2-Butanone (MEK)	<0.0365	mg/Kg	0.0365	0.0400	1	02/12/25 13:45	ASH	L799959
n-Butylbenzene	<0.0018	mg/Kg	0.0018	0.0020	1	02/12/25 13:45	ASH	L799959
sec-Butyl benzene	<0.0013	mg/Kg	0.0013	0.0020	1	02/12/25 13:45	ASH	L799959
tert-Butyl benzene	<0.0010	mg/Kg	0.0010	0.0020	1	02/12/25 13:45	ASH	L799959
Carbon Disulfide	<0.0037	mg/Kg	0.0037	0.0100	1	02/12/25 13:45	ASH	L799959
Carbon Tetrachloride	<0.0009	mg/Kg	0.0009	0.0020	1	02/12/25 13:45	ASH	L799959
Chlorobenzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/12/25 13:45	ASH	L799959
Chlorodibromomethane	<0.0011	mg/Kg	0.0011	0.0020	1	02/12/25 13:45	ASH	L799959
Chloroethane	<0.0017	mg/Kg	0.0017	0.0020	1	02/12/25 13:45	ASH	L799959
Chloroform	<0.0010	mg/Kg	0.0010	0.0020	1	02/12/25 13:45	ASH	L799959
Chloromethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/12/25 13:45	ASH	L799959
2-Chlorotoluene	<0.0007	mg/Kg	0.0007	0.0020	1	02/12/25 13:45	ASH	L799959
4-Chlorotoluene	<0.0009	mg/Kg	0.0009	0.0020	1	02/12/25 13:45	ASH	L799959
Cyclohexane	<0.0086	mg/Kg	0.0086	0.0100	1	02/12/25 13:45	ASH	L799959
Di-Isopropyl Ether (DIPE)	<0.0090	mg/Kg	0.0090	0.0400	1	02/12/25 13:45	ASH	L799959

Qualifiers/	DF	Dilution Factor	J	Estimated value
Definitions	MQL	Method Quantitation Limit		

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/18/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0014**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87275**
Sample ID : **SBS-3A**

Matrix: **Solids**
Sampled: **2/6/2025 13:03**

Analytical Method: 8260B **Prep Batch(es):** **L799797** 02/12/25 08:15
Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2-Dibromo-3-Chloropropane	<0.0040	mg/Kg	0.0040	0.0100	1	02/12/25 13:45	ASH	L799959
1,2-Dibromoethane	<0.0010	mg/Kg	0.0010	0.0020	1	02/12/25 13:45	ASH	L799959
Dibromomethane	<0.0013	mg/Kg	0.0013	0.0020	1	02/12/25 13:45	ASH	L799959
1,2-Dichlorobenzene	<0.0017	mg/Kg	0.0017	0.0020	1	02/12/25 13:45	ASH	L799959
1,3-Dichlorobenzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/12/25 13:45	ASH	L799959
1,4-Dichlorobenzene	<0.0016	mg/Kg	0.0016	0.0020	1	02/12/25 13:45	ASH	L799959
Dichlorodifluoromethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/12/25 13:45	ASH	L799959
1,1-Dichloroethane	<0.0011	mg/Kg	0.0011	0.0020	1	02/12/25 13:45	ASH	L799959
1,2-Dichloroethane	<0.0012	mg/Kg	0.0012	0.0020	1	02/12/25 13:45	ASH	L799959
1,1-Dichloroethene	<0.0018	mg/Kg	0.0018	0.0020	1	02/12/25 13:45	ASH	L799959
cis-1,2-Dichloroethene	<0.0011	mg/Kg	0.0011	0.0020	1	02/12/25 13:45	ASH	L799959
trans-1,2-Dichloroethene	<0.0012	mg/Kg	0.0012	0.0020	1	02/12/25 13:45	ASH	L799959
1,2-Dichloroethene (Total)	<0.0011	mg/Kg	0.0011	0.0020	1	02/12/25 13:45		L799959
1,2-Dichloropropane	<0.0014	mg/Kg	0.0014	0.0020	1	02/12/25 13:45	ASH	L799959
1,3-Dichloropropane	<0.0016	mg/Kg	0.0016	0.0020	1	02/12/25 13:45	ASH	L799959
2,2-Dichloropropane	<0.0011	mg/Kg	0.0011	0.0020	1	02/12/25 13:45	ASH	L799959
1,1-Dichloropropene	<0.0007	mg/Kg	0.0007	0.0020	1	02/12/25 13:45	ASH	L799959
cis-1,3-Dichloropropene	<0.0008	mg/Kg	0.0008	0.0020	1	02/12/25 13:45	ASH	L799959
trans-1,3-Dichloropropene	<0.0009	mg/Kg	0.0009	0.0020	1	02/12/25 13:45	ASH	L799959
Ethylbenzene	<0.0011	mg/Kg	0.0011	0.0020	1	02/12/25 13:45	ASH	L799959
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.0006	mg/Kg	0.0006	0.0020	1	02/12/25 13:45	ASH	L799959
Hexachlorobutadiene	<0.0019	mg/Kg	0.0019	0.0020	1	02/12/25 13:45	ASH	L799959

Qualifiers/	DF	Dilution Factor	J	Estimated value
Definitions	MQL	Method Quantitation Limit		

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover, AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/18/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0014**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87275**

Matrix: **Solids**

Sample ID : **SBS-3A**

Sampled: **2/6/2025 13:03**

Analytical Method: 8260B

Prep Batch(es): **L799797** 02/12/25 08:15

Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
2-Hexanone	<0.0081	mg/Kg	0.0081	0.0100	1	02/12/25 13:45	ASH	L799959
Isopropylbenzene	<0.0015	mg/Kg	0.0015	0.0020	1	02/12/25 13:45	ASH	L799959
4-Isopropyl toluene	<0.0013	mg/Kg	0.0013	0.0020	1	02/12/25 13:45	ASH	L799959
Methyl Acetate	<0.0076	mg/Kg	0.0076	0.0100	1	02/12/25 13:45	ASH	L799959
4-Methyl-2-Pentanone	<0.0078	mg/Kg	0.0078	0.0100	1	02/12/25 13:45	ASH	L799959
Methylcyclohexane	<0.0081	mg/Kg	0.0081	0.0100	1	02/12/25 13:45	ASH	L799959
Methylene Chloride	<0.0095	mg/Kg	0.0095	0.0100	1	02/12/25 13:45	ASH	L799959
Methyl tert-butyl ether (MTBE)	<0.0010	mg/Kg	0.0010	0.0020	1	02/12/25 13:45	ASH	L799959
n-Propylbenzene	<0.0011	mg/Kg	0.0011	0.0020	1	02/12/25 13:45	ASH	L799959
Styrene	<0.0010	mg/Kg	0.0010	0.0020	1	02/12/25 13:45	ASH	L799959
1,1,1,2-Tetrachloroethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/12/25 13:45	ASH	L799959
1,1,2,2-Tetrachloroethane	<0.0013	mg/Kg	0.0013	0.0020	1	02/12/25 13:45	ASH	L799959
Tetrachloroethene	<0.0009	mg/Kg	0.0009	0.0020	1	02/12/25 13:45	ASH	L799959
Toluene	<0.0010	mg/Kg	0.0010	0.0040	1	02/12/25 13:45	ASH	L799959
1,2,3-Trichlorobenzene	<0.0023	mg/Kg	0.0023	0.0040	1	02/12/25 13:45	ASH	L799959
1,2,4-Trichlorobenzene	<0.0021	mg/Kg	0.0021	0.0040	1	02/12/25 13:45	ASH	L799959
1,1,1-Trichloroethane	<0.0009	mg/Kg	0.0009	0.0020	1	02/12/25 13:45	ASH	L799959
1,1,2-Trichloroethane	<0.0006	mg/Kg	0.0006	0.0020	1	02/12/25 13:45	ASH	L799959
Trichloroethene	<0.0010	mg/Kg	0.0010	0.0020	1	02/12/25 13:45	ASH	L799959
Trichlorofluoromethane	<0.0017	mg/Kg	0.0017	0.0020	1	02/12/25 13:45	ASH	L799959
1,2,3-Trichloropropane	<0.0013	mg/Kg	0.0013	0.0020	1	02/12/25 13:45	ASH	L799959
1,2,3-Trimethylbenzene	<0.0020	mg/Kg	0.0020	0.0020	1	02/12/25 13:45	ASH	L799959

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/18/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0014**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87275**

Matrix: **Solids**

Sample ID : **SBS-3A**

Sampled: **2/6/2025 13:03**

Analytical Method: 8260B

Prep Batch(es): **L799797** 02/12/25 08:15

Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2,4-Trimethylbenzene	<0.0019	mg/Kg	0.0019	0.0020	1	02/12/25 13:45	ASH	L799959
1,3,5-Trimethylbenzene	<0.0008	mg/Kg	0.0008	0.0020	1	02/12/25 13:45	ASH	L799959
Vinyl Chloride	<0.0016	mg/Kg	0.0016	0.0020	1	02/12/25 13:45	ASH	L799959
Xylene (Total)	<0.0007	mg/Kg	0.0007	0.0020	1	02/12/25 13:45		L799959
Surrogate: 4-Bromofluorobenzene	93.1		Limits: 60-140%		1	02/12/25 13:45	ASH	L799959
Surrogate: 1,2-Dichloroethane - d4	91.0		Limits: 60-140%		1	02/12/25 13:45	ASH	L799959
Surrogate: Toluene-d8	103		Limits: 60-140%		1	02/12/25 13:45	ASH	L799959

Analytical Method: 8270D SIM

Prep Batch(es): **L799102** 02/10/25 11:37

Prep Method: 3550B

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<0.000304	mg/Kg	0.000304	0.000670	1	02/11/25 18:28	NFP	L799622
Acenaphthylene	<0.000270	mg/Kg	0.000270	0.000670	1	02/11/25 18:28	NFP	L799622
Anthracene	<0.000334	mg/Kg	0.000334	0.000670	1	02/11/25 18:28	NFP	L799622
Benzo(a)anthracene	<0.000493	mg/Kg	0.000493	0.000670	1	02/11/25 18:28	NFP	L799622
Benzo(a)pyrene	<0.000468	mg/Kg	0.000468	0.000670	1	02/11/25 18:28	NFP	L799622
Benzo(b)fluoranthene	<0.000585	mg/Kg	0.000585	0.000670	1	02/11/25 18:28	NFP	L799622
Benzo(g,h,i)perylene	<0.000639	mg/Kg	0.000639	0.000670	1	02/11/25 18:28	NFP	L799622
Benzo(k)fluoranthene	<0.000437	mg/Kg	0.000437	0.000670	1	02/11/25 18:28	NFP	L799622
Chrysene	<0.000624	mg/Kg	0.000624	0.000670	1	02/11/25 18:28	NFP	L799622
Dibenz(a,h)anthracene	<0.000614	mg/Kg	0.000614	0.000670	1	02/11/25 18:28	NFP	L799622
Fluoranthene	<0.000394	mg/Kg	0.000394	0.000670	1	02/11/25 18:28	NFP	L799622

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/18/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0014**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87275**

Matrix: **Solids**

Sample ID : **SBS-3A**

Sampled: **2/6/2025 13:03**

Analytical Method: 8270D SIM

Prep Batch(es): **L799102** 02/10/25 11:37

Prep Method: 3550B

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Fluorene	<0.000286	mg/Kg	0.000286	0.000670	1	02/11/25 18:28	NFP	L799622
Indeno(1,2,3-cd)pyrene	<0.000627	mg/Kg	0.000627	0.000670	1	02/11/25 18:28	NFP	L799622
1-Methylnaphthalene	<0.00109	mg/Kg	0.00109	0.00201	1	02/11/25 18:28	NFP	L799622
2-Methylnaphthalene	<0.00194	mg/Kg	0.00194	0.00201	1	02/11/25 18:28	NFP	L799622
Naphthalene	<0.00145	mg/Kg	0.00145	0.00201	1	02/11/25 18:28	NFP	L799622
Phenanthrene	<0.000421	mg/Kg	0.000421	0.000670	1	02/11/25 18:28	NFP	L799622
Pyrene	<0.000643	mg/Kg	0.000643	0.000670	1	02/11/25 18:28	NFP	L799622
Surrogate: 2-Fluorobiphenyl	44.8		Limits: 33-115%		1	02/11/25 18:28	NFP	L799622
Surrogate: Nitrobenzene-d5	57.9		Limits: 29-110%		1	02/11/25 18:28	NFP	L799622
Surrogate: 4-Terphenyl-d14	71.2		Limits: 33-122%		1	02/11/25 18:28	NFP	L799622

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/18/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0014**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87276**
Sample ID : **SBS-3B**

Matrix: **Solids**
Sampled: **2/6/2025 13:10**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	17.7	%	0	0.050	1	02/11/25 10:31	CAH	SW-DRYWT
Chromium, Hexavalent	<0.500	mg/Kg		0.500	1	02/12/25 12:45	ADT	3060A 7196A
Arsenic	8.49	mg/Kg	0.250	0.500	1	02/16/25 03:01	BKN	6010D
Barium	23.9	mg/Kg	0.150	0.500	1	02/16/25 03:01	BKN	6010D
Cadmium	0.643	mg/Kg	0.0500	0.100	1	02/16/25 03:01	BKN	6010D
Chromium	55.7	mg/Kg	0.250	0.250	1	02/16/25 03:01	BKN	6010D
Lead	9.35	mg/Kg	0.200	0.300	1	02/16/25 03:01	BKN	6010D
Mercury	0.0861 J	mg/Kg	0.0215	0.178	1	02/14/25 14:22	JTR	7471A
Selenium	<1.75	mg/Kg	1.75	2.50	5	02/18/25 01:24	JTR	6010D
Silver	<0.200	mg/Kg	0.200	0.250	1	02/16/25 03:01	BKN	6010D
Zinc	194	mg/Kg	0.850	1.25	1	02/16/25 03:01	BKN	6010D

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

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Mr. David Wall
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Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/18/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0014**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87276**
Sample ID : **SBS-3B**

Matrix: **Solids**
Sampled: **2/6/2025 13:10**

Analytical Method: 8260B **Prep Batch(es):** **L799797** 02/12/25 08:15
Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acetone	<0.0254	mg/Kg	0.0254	0.0400	1	02/12/25 14:28	ASH	L799959
Acrylonitrile	<0.0087	mg/Kg	0.0087	0.0400	1	02/12/25 14:28	ASH	L799959
Benzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/12/25 14:28	ASH	L799959
Bromobenzene	<0.0013	mg/Kg	0.0013	0.0020	1	02/12/25 14:28	ASH	L799959
Bromodichloromethane	<0.0009	mg/Kg	0.0009	0.0020	1	02/12/25 14:28	ASH	L799959
Bromoform	<0.0019	mg/Kg	0.0019	0.0020	1	02/12/25 14:28	ASH	L799959
Bromomethane	<0.0014	mg/Kg	0.0014	0.0020	1	02/12/25 14:28	ASH	L799959
2-Butanone (MEK)	<0.0365	mg/Kg	0.0365	0.0400	1	02/12/25 14:28	ASH	L799959
n-Butylbenzene	<0.0018	mg/Kg	0.0018	0.0020	1	02/12/25 14:28	ASH	L799959
sec-Butyl benzene	<0.0013	mg/Kg	0.0013	0.0020	1	02/12/25 14:28	ASH	L799959
tert-Butyl benzene	<0.0010	mg/Kg	0.0010	0.0020	1	02/12/25 14:28	ASH	L799959
Carbon Disulfide	<0.0037	mg/Kg	0.0037	0.0100	1	02/12/25 14:28	ASH	L799959
Carbon Tetrachloride	<0.0009	mg/Kg	0.0009	0.0020	1	02/12/25 14:28	ASH	L799959
Chlorobenzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/12/25 14:28	ASH	L799959
Chlorodibromomethane	<0.0011	mg/Kg	0.0011	0.0020	1	02/12/25 14:28	ASH	L799959
Chloroethane	<0.0017	mg/Kg	0.0017	0.0020	1	02/12/25 14:28	ASH	L799959
Chloroform	<0.0010	mg/Kg	0.0010	0.0020	1	02/12/25 14:28	ASH	L799959
Chloromethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/12/25 14:28	ASH	L799959
2-Chlorotoluene	<0.0007	mg/Kg	0.0007	0.0020	1	02/12/25 14:28	ASH	L799959
4-Chlorotoluene	<0.0009	mg/Kg	0.0009	0.0020	1	02/12/25 14:28	ASH	L799959
Cyclohexane	<0.0086	mg/Kg	0.0086	0.0100	1	02/12/25 14:28	ASH	L799959
Di-Isopropyl Ether (DIPE)	<0.0090	mg/Kg	0.0090	0.0400	1	02/12/25 14:28	ASH	L799959

Qualifiers/	DF	Dilution Factor	J	Estimated value
Definitions	MQL	Method Quantitation Limit		

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover, AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/18/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0014**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87276**
Sample ID : **SBS-3B**

Matrix: **Solids**
Sampled: **2/6/2025 13:10**

Analytical Method: 8260B **Prep Batch(es):** **L799797** 02/12/25 08:15
Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2-Dibromo-3-Chloropropane	<0.0040	mg/Kg	0.0040	0.0100	1	02/12/25 14:28	ASH	L799959
1,2-Dibromoethane	<0.0010	mg/Kg	0.0010	0.0020	1	02/12/25 14:28	ASH	L799959
Dibromomethane	<0.0013	mg/Kg	0.0013	0.0020	1	02/12/25 14:28	ASH	L799959
1,2-Dichlorobenzene	<0.0017	mg/Kg	0.0017	0.0020	1	02/12/25 14:28	ASH	L799959
1,3-Dichlorobenzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/12/25 14:28	ASH	L799959
1,4-Dichlorobenzene	<0.0016	mg/Kg	0.0016	0.0020	1	02/12/25 14:28	ASH	L799959
Dichlorodifluoromethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/12/25 14:28	ASH	L799959
1,1-Dichloroethane	<0.0011	mg/Kg	0.0011	0.0020	1	02/12/25 14:28	ASH	L799959
1,2-Dichloroethane	<0.0012	mg/Kg	0.0012	0.0020	1	02/12/25 14:28	ASH	L799959
1,1-Dichloroethene	<0.0018	mg/Kg	0.0018	0.0020	1	02/12/25 14:28	ASH	L799959
cis-1,2-Dichloroethene	<0.0011	mg/Kg	0.0011	0.0020	1	02/12/25 14:28	ASH	L799959
trans-1,2-Dichloroethene	<0.0012	mg/Kg	0.0012	0.0020	1	02/12/25 14:28	ASH	L799959
1,2-Dichloroethene (Total)	<0.0011	mg/Kg	0.0011	0.0020	1	02/12/25 14:28		L799959
1,2-Dichloropropane	<0.0014	mg/Kg	0.0014	0.0020	1	02/12/25 14:28	ASH	L799959
1,3-Dichloropropane	<0.0016	mg/Kg	0.0016	0.0020	1	02/12/25 14:28	ASH	L799959
2,2-Dichloropropane	<0.0011	mg/Kg	0.0011	0.0020	1	02/12/25 14:28	ASH	L799959
1,1-Dichloropropene	<0.0007	mg/Kg	0.0007	0.0020	1	02/12/25 14:28	ASH	L799959
cis-1,3-Dichloropropene	<0.0008	mg/Kg	0.0008	0.0020	1	02/12/25 14:28	ASH	L799959
trans-1,3-Dichloropropene	<0.0009	mg/Kg	0.0009	0.0020	1	02/12/25 14:28	ASH	L799959
Ethylbenzene	<0.0011	mg/Kg	0.0011	0.0020	1	02/12/25 14:28	ASH	L799959
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.0006	mg/Kg	0.0006	0.0020	1	02/12/25 14:28	ASH	L799959
Hexachlorobutadiene	<0.0019	mg/Kg	0.0019	0.0020	1	02/12/25 14:28	ASH	L799959

Qualifiers/	DF	Dilution Factor	J	Estimated value
Definitions	MQL	Method Quantitation Limit		

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover, AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/18/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0014**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87276**

Matrix: **Solids**

Sample ID : **SBS-3B**

Sampled: **2/6/2025 13:10**

Analytical Method: 8260B

Prep Batch(es): **L799797** 02/12/25 08:15

Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
2-Hexanone	<0.0081	mg/Kg	0.0081	0.0100	1	02/12/25 14:28	ASH	L799959
Isopropylbenzene	<0.0015	mg/Kg	0.0015	0.0020	1	02/12/25 14:28	ASH	L799959
4-Isopropyl toluene	<0.0013	mg/Kg	0.0013	0.0020	1	02/12/25 14:28	ASH	L799959
Methyl Acetate	<0.0076	mg/Kg	0.0076	0.0100	1	02/12/25 14:28	ASH	L799959
4-Methyl-2-Pentanone	<0.0078	mg/Kg	0.0078	0.0100	1	02/12/25 14:28	ASH	L799959
Methylcyclohexane	<0.0081	mg/Kg	0.0081	0.0100	1	02/12/25 14:28	ASH	L799959
Methylene Chloride	<0.0095	mg/Kg	0.0095	0.0100	1	02/12/25 14:28	ASH	L799959
Methyl tert-butyl ether (MTBE)	<0.0010	mg/Kg	0.0010	0.0020	1	02/12/25 14:28	ASH	L799959
n-Propylbenzene	<0.0011	mg/Kg	0.0011	0.0020	1	02/12/25 14:28	ASH	L799959
Styrene	<0.0010	mg/Kg	0.0010	0.0020	1	02/12/25 14:28	ASH	L799959
1,1,1,2-Tetrachloroethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/12/25 14:28	ASH	L799959
1,1,2,2-Tetrachloroethane	<0.0013	mg/Kg	0.0013	0.0020	1	02/12/25 14:28	ASH	L799959
Tetrachloroethene	<0.0009	mg/Kg	0.0009	0.0020	1	02/12/25 14:28	ASH	L799959
Toluene	<0.0010	mg/Kg	0.0010	0.0040	1	02/12/25 14:28	ASH	L799959
1,2,3-Trichlorobenzene	<0.0023	mg/Kg	0.0023	0.0040	1	02/12/25 14:28	ASH	L799959
1,2,4-Trichlorobenzene	<0.0021	mg/Kg	0.0021	0.0040	1	02/12/25 14:28	ASH	L799959
1,1,1-Trichloroethane	<0.0009	mg/Kg	0.0009	0.0020	1	02/12/25 14:28	ASH	L799959
1,1,2-Trichloroethane	<0.0006	mg/Kg	0.0006	0.0020	1	02/12/25 14:28	ASH	L799959
Trichloroethene	<0.0010	mg/Kg	0.0010	0.0020	1	02/12/25 14:28	ASH	L799959
Trichlorofluoromethane	<0.0017	mg/Kg	0.0017	0.0020	1	02/12/25 14:28	ASH	L799959
1,2,3-Trichloropropane	<0.0013	mg/Kg	0.0013	0.0020	1	02/12/25 14:28	ASH	L799959
1,2,3-Trimethylbenzene	<0.0020	mg/Kg	0.0020	0.0020	1	02/12/25 14:28	ASH	L799959

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/18/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0014**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87276**

Matrix: **Solids**

Sample ID : **SBS-3B**

Sampled: **2/6/2025 13:10**

Analytical Method: 8260B

Prep Batch(es): **L799797** 02/12/25 08:15

Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2,4-Trimethylbenzene	<0.0019	mg/Kg	0.0019	0.0020	1	02/12/25 14:28	ASH	L799959
1,3,5-Trimethylbenzene	<0.0008	mg/Kg	0.0008	0.0020	1	02/12/25 14:28	ASH	L799959
Vinyl Chloride	<0.0016	mg/Kg	0.0016	0.0020	1	02/12/25 14:28	ASH	L799959
Xylene (Total)	<0.0007	mg/Kg	0.0007	0.0020	1	02/12/25 14:28		L799959
Surrogate: 4-Bromofluorobenzene	97.7		Limits: 60-140%		1	02/12/25 14:28	ASH	L799959
Surrogate: 1,2-Dichloroethane - d4	98.3		Limits: 60-140%		1	02/12/25 14:28	ASH	L799959
Surrogate: Toluene-d8	105		Limits: 60-140%		1	02/12/25 14:28	ASH	L799959

Analytical Method: 8270D SIM

Prep Batch(es): **L799102** 02/10/25 11:37

Prep Method: 3550B

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<0.000304	mg/Kg	0.000304	0.000670	1	02/11/25 18:49	NFP	L799622
Acenaphthylene	<0.000270	mg/Kg	0.000270	0.000670	1	02/11/25 18:49	NFP	L799622
Anthracene	<0.000334	mg/Kg	0.000334	0.000670	1	02/11/25 18:49	NFP	L799622
Benzo(a)anthracene	<0.000493	mg/Kg	0.000493	0.000670	1	02/11/25 18:49	NFP	L799622
Benzo(a)pyrene	<0.000468	mg/Kg	0.000468	0.000670	1	02/11/25 18:49	NFP	L799622
Benzo(b)fluoranthene	<0.000585	mg/Kg	0.000585	0.000670	1	02/11/25 18:49	NFP	L799622
Benzo(g,h,i)perylene	<0.000639	mg/Kg	0.000639	0.000670	1	02/11/25 18:49	NFP	L799622
Benzo(k)fluoranthene	<0.000437	mg/Kg	0.000437	0.000670	1	02/11/25 18:49	NFP	L799622
Chrysene	<0.000624	mg/Kg	0.000624	0.000670	1	02/11/25 18:49	NFP	L799622
Dibenz(a,h)anthracene	<0.000614	mg/Kg	0.000614	0.000670	1	02/11/25 18:49	NFP	L799622
Fluoranthene	<0.000394	mg/Kg	0.000394	0.000670	1	02/11/25 18:49	NFP	L799622

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/18/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0014**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87276**

Matrix: **Solids**

Sample ID : **SBS-3B**

Sampled: **2/6/2025 13:10**

Analytical Method: 8270D SIM

Prep Batch(es): **L799102** 02/10/25 11:37

Prep Method: 3550B

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Fluorene	<0.000286	mg/Kg	0.000286	0.000670	1	02/11/25 18:49	NFP	L799622
Indeno(1,2,3-cd)pyrene	<0.000627	mg/Kg	0.000627	0.000670	1	02/11/25 18:49	NFP	L799622
1-Methylnaphthalene	<0.00109	mg/Kg	0.00109	0.00201	1	02/11/25 18:49	NFP	L799622
2-Methylnaphthalene	<0.00194	mg/Kg	0.00194	0.00201	1	02/11/25 18:49	NFP	L799622
Naphthalene	<0.00145	mg/Kg	0.00145	0.00201	1	02/11/25 18:49	NFP	L799622
Phenanthrene	<0.000421	mg/Kg	0.000421	0.000670	1	02/11/25 18:49	NFP	L799622
Pyrene	<0.000643	mg/Kg	0.000643	0.000670	1	02/11/25 18:49	NFP	L799622
Surrogate: 2-Fluorobiphenyl	43.3		Limits: 33-115%		1	02/11/25 18:49	NFP	L799622
Surrogate: Nitrobenzene-d5	58.6		Limits: 29-110%		1	02/11/25 18:49	NFP	L799622
Surrogate: 4-Terphenyl-d14	69.3		Limits: 33-122%		1	02/11/25 18:49	NFP	L799622

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0014

QC Analytical Batch: L799561
Analysis Method: 3060A 7196A
Analysis Description: Hexavalent Chromium - Solids

Lab Reagent Blank LRB Matrix: SOL
Associated Lab Samples: 87273, 87274, 87275, 87276

Parameter	Units	Blank Result	MQL	Analyzed
Chromium, Hexavalent	mg/Kg	< 0.500	0.500	02/12/25 12:45

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Chromium, Hexavalent	mg/Kg	8.00	7.10	89.0	75-125

Duplicate L 87286-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Chromium, Hexavalent	mg/Kg	< 0.500	< 0.244	0.0	20.0	02/12/25 12:45

Matrix Spike L 87286-MS

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	%Rec Limits	Max RPD
Chromium, Hexavalent	mg/Kg	< 0.244	39.6		33.8		85.0	75-125	

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0014

QC Prep: L799982 **QC Analytical Batch(es):** L800271
QC Prep Batch Method: 3050B **Analysis Method:** 6010D
Analysis Description: Metals Analysis

Lab Reagent Blank LRB-L799982 Matrix: SOL
Associated Lab Samples: 87273, 87274, 87275, 87276

Parameter	Units	Blank Result	MDL	MQL	Analyzed
Arsenic	mg/Kg	<0.250	0.250	0.500	02/16/25 01:48
Barium	mg/Kg	<0.150	0.150	0.500	02/16/25 01:48
Cadmium	mg/Kg	<0.0500	0.0500	0.100	02/16/25 01:48
Chromium	mg/Kg	<0.250	0.250	0.250	02/16/25 01:48
Lead	mg/Kg	<0.200	0.200	0.300	02/16/25 01:48
Selenium	mg/Kg	<0.350	0.350	0.500	02/16/25 01:48
Silver	mg/Kg	<0.200	0.200	0.250	02/16/25 01:48
Zinc	mg/Kg	<0.850	0.850	1.25	02/16/25 01:48

Laboratory Control Sample LCS-L799982

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Arsenic	mg/Kg	5.00	4.90	98.0	80-120
Barium	mg/Kg	50.0	51.3	103	80-120
Cadmium	mg/Kg	5.00	5.14	103	80-120
Chromium	mg/Kg	50.0	54.0	108	80-120
Lead	mg/Kg	5.00	5.15	103	80-120
Selenium	mg/Kg	5.00	4.90	98.0	80-120
Silver	mg/Kg	5.00	4.99	100	80-120
Zinc	mg/Kg	50.0	52.5	105	80-120

Matrix Spike & Matrix Spike Duplicate L 87688-MS-L799982 L 87688-MSD-L799982

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits RPD	Max RPD
Arsenic	mg/Kg	4.72	4.80	4.43	9.38	9.14	97.0	100	75-125	2.5
Barium	mg/Kg	101	48.0	44.3	136	131	73.0*	68.0*	75-125	3.7

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0014

QC Prep: L799982 **QC Analytical Batch(es):** L800271
QC Prep Batch Method: 3050B **Analysis Method:** 6010D
Analysis Description: Metals Analysis

Matrix Spike & Matrix Spike Duplicate L 87688-MS-L799982 L 87688-MSD-L799982

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Cadmium	mg/Kg	0.416	4.80	4.43	4.58	4.20	87.0	85.0	75-125	8.6	20.0
Chromium	mg/Kg	11.1	48.0	44.3	56.8	51.7	95.0	92.0	75-125	9.4	20.0
Lead	mg/Kg	7.69	4.80	4.43	10.3	8.84	54.0*	26.0*	75-125	15.2	20.0
Selenium	mg/Kg	0.687	4.80	4.43	4.31	3.91	75.0	73.0*	75-125	9.7	20.0
Silver	mg/Kg	< 0.200	4.80	4.43	4.51	4.25	94.0	96.0	75-125	5.9	20.0
Zinc	mg/Kg	903	48.0	44.3	145	147	0.0*	0.0*	75-125	1.3	20.0

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0014

QC Prep: L799955 **QC Analytical Batch(es):** L800199
QC Prep Batch Method: 7471A **Analysis Method:** 7471A
Analysis Description: Solids Total Mercury Analysis - CVAA

Lab Reagent Blank LRB-L799955 Matrix: SOL
Associated Lab Samples: 87273, 87274, 87275, 87276

Parameter	Units	Blank Result	MDL	MQL	Analyzed
Mercury	mg/Kg	<0.0232	0.0232	0.192	02/14/25 14:10

Laboratory Control Sample LCS-L799955

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Mercury	mg/Kg	0.400	0.443	111	80-120

Matrix Spike & Matrix Spike Duplicate L 88120-MS-L799955 L 88120-MSD-L799955

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Mercury	mg/Kg	0.106	0.358	0.340	0.443	0.451	94.0	102	80-120	1.7	20.0

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0014

QC Prep: L799582
QC Prep Batch Method: 5035
QC Analytical Batch(es): L799700
Analysis Method: 8260B
Analysis Description: Volatile Organic Compounds - GC/MS

Lab Reagent Blank LRB-L799582 Matrix: SOL
Associated Lab Samples: 87273

Parameter	Units	Blank Result	MDL	SQL	Analyzed	% Recovery	% Rec Limits
Acetone	mg/Kg	<0.0254	0.0254	0.0400	02/11/25 12:36		
Acrylonitrile	mg/Kg	<0.0087	0.0087	0.0400	02/11/25 12:36		
Benzene	mg/Kg	<0.0009	0.0009	0.0020	02/11/25 12:36		
Bromobenzene	mg/Kg	<0.0013	0.0013	0.0020	02/11/25 12:36		
Bromodichloromethane	mg/Kg	<0.0009	0.0009	0.0020	02/11/25 12:36		
Bromoform	mg/Kg	<0.0019	0.0019	0.0020	02/11/25 12:36		
Bromomethane	mg/Kg	<0.0014	0.0014	0.0020	02/11/25 12:36		
2-Butanone (MEK)	mg/Kg	<0.0365	0.0365	0.0400	02/11/25 12:36		
n-Butylbenzene	mg/Kg	<0.0018	0.0018	0.0020	02/11/25 12:36		
sec-Butyl benzene	mg/Kg	<0.0013	0.0013	0.0020	02/11/25 12:36		
tert-Butyl benzene	mg/Kg	<0.0010	0.0010	0.0020	02/11/25 12:36		
Carbon Disulfide	mg/Kg	<0.0037	0.0037	0.0100	02/11/25 12:36		
Carbon Tetrachloride	mg/Kg	<0.0009	0.0009	0.0020	02/11/25 12:36		
Chlorobenzene	mg/Kg	<0.0009	0.0009	0.0020	02/11/25 12:36		
Chlorodibromomethane	mg/Kg	<0.0011	0.0011	0.0020	02/11/25 12:36		
Chloroethane	mg/Kg	<0.0017	0.0017	0.0020	02/11/25 12:36		
Chloroform	mg/Kg	<0.0010	0.0010	0.0020	02/11/25 12:36		
Chloromethane	mg/Kg	<0.0016	0.0016	0.0020	02/11/25 12:36		
2-Chlorotoluene	mg/Kg	<0.0007	0.0007	0.0020	02/11/25 12:36		
4-Chlorotoluene	mg/Kg	<0.0009	0.0009	0.0020	02/11/25 12:36		
Cyclohexane	mg/Kg	<0.0086	0.0086	0.0100	02/11/25 12:36		
Di-Isopropyl Ether (DIPE)	mg/Kg	<0.0090	0.0090	0.0400	02/11/25 12:36		
1,2-Dibromo-3-Chloropropane	mg/Kg	<0.0040	0.0040	0.0100	02/11/25 12:36		
1,2-Dibromoethane	mg/Kg	<0.0010	0.0010	0.0020	02/11/25 12:36		
Dibromomethane	mg/Kg	<0.0013	0.0013	0.0020	02/11/25 12:36		
1,2-Dichlorobenzene	mg/Kg	<0.0017	0.0017	0.0020	02/11/25 12:36		
1,3-Dichlorobenzene	mg/Kg	<0.0009	0.0009	0.0020	02/11/25 12:36		

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0014

QC Prep: L799582
QC Prep Batch Method: 5035
QC Analytical Batch(es): L799700
Analysis Method: 8260B
Analysis Description: Volatile Organic Compounds - GC/MS

Lab Reagent Blank LRB-L799582 Matrix: SOL
Associated Lab Samples: 87273

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery	% Rec Limits
1,4-Dichlorobenzene	mg/Kg	<0.0016	0.0016	0.0020	02/11/25 12:36		
Dichlorodifluoromethane	mg/Kg	<0.0016	0.0016	0.0020	02/11/25 12:36		
1,1-Dichloroethane	mg/Kg	<0.0011	0.0011	0.0020	02/11/25 12:36		
1,2-Dichloroethane	mg/Kg	<0.0012	0.0012	0.0020	02/11/25 12:36		
1,1-Dichloroethene	mg/Kg	<0.0018	0.0018	0.0020	02/11/25 12:36		
cis-1,2-Dichloroethene	mg/Kg	<0.0011	0.0011	0.0020	02/11/25 12:36		
trans-1,2-Dichloroethene	mg/Kg	<0.0012	0.0012	0.0020	02/11/25 12:36		
1,2-Dichloropropane	mg/Kg	<0.0014	0.0014	0.0020	02/11/25 12:36		
1,3-Dichloropropane	mg/Kg	<0.0016	0.0016	0.0020	02/11/25 12:36		
2,2-Dichloropropane	mg/Kg	<0.0011	0.0011	0.0020	02/11/25 12:36		
1,1-Dichloropropene	mg/Kg	<0.0007	0.0007	0.0020	02/11/25 12:36		
cis-1,3-Dichloropropene	mg/Kg	<0.0008	0.0008	0.0020	02/11/25 12:36		
trans-1,3-Dichloropropene	mg/Kg	<0.0009	0.0009	0.0020	02/11/25 12:36		
Ethylbenzene	mg/Kg	<0.0011	0.0011	0.0020	02/11/25 12:36		
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/Kg	<0.0006	0.0006	0.0020	02/11/25 12:36		
Hexachlorobutadiene	mg/Kg	<0.0019	0.0019	0.0020	02/11/25 12:36		
2-Hexanone	mg/Kg	<0.0081	0.0081	0.0100	02/11/25 12:36		
Isopropylbenzene	mg/Kg	<0.0015	0.0015	0.0020	02/11/25 12:36		
4-Isopropyl toluene	mg/Kg	<0.0013	0.0013	0.0020	02/11/25 12:36		
Methyl Acetate	mg/Kg	<0.0076	0.0076	0.0100	02/11/25 12:36		
4-Methyl-2-Pentanone	mg/Kg	<0.0078	0.0078	0.0100	02/11/25 12:36		
Methylcyclohexane	mg/Kg	<0.0081	0.0081	0.0100	02/11/25 12:36		
Methylene Chloride	mg/Kg	<0.0095	0.0095	0.0100	02/11/25 12:36		
Methyl tert-butyl ether (MTBE)	mg/Kg	<0.0010	0.0010	0.0020	02/11/25 12:36		
m,p-Xylene	mg/Kg	<0.0023	0.0023	0.0040	02/11/25 12:36		
o-Xylene	mg/Kg	<0.0007	0.0007	0.0020	02/11/25 12:36		
n-Propylbenzene	mg/Kg	<0.0011	0.0011	0.0020	02/11/25 12:36		

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0014

QC Prep: L799582
QC Prep Batch Method: 5035
QC Analytical Batch(es): L799700
Analysis Method: 8260B
Analysis Description: Volatile Organic Compounds - GC/MS

Lab Reagent Blank LRB-L799582 Matrix: SOL
Associated Lab Samples: 87273

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery	% Rec Limits
Styrene	mg/Kg	<0.0010	0.0010	0.0020	02/11/25 12:36		
1,1,1,2-Tetrachloroethane	mg/Kg	<0.0016	0.0016	0.0020	02/11/25 12:36		
1,1,2,2-Tetrachloroethane	mg/Kg	<0.0013	0.0013	0.0020	02/11/25 12:36		
Tetrachloroethene	mg/Kg	<0.0009	0.0009	0.0020	02/11/25 12:36		
Toluene	mg/Kg	<0.0010	0.0010	0.0040	02/11/25 12:36		
1,2,3-Trichlorobenzene	mg/Kg	<0.0023	0.0023	0.0040	02/11/25 12:36		
1,2,4-Trichlorobenzene	mg/Kg	<0.0021	0.0021	0.0040	02/11/25 12:36		
1,1,1-Trichloroethane	mg/Kg	<0.0009	0.0009	0.0020	02/11/25 12:36		
1,1,2-Trichloroethane	mg/Kg	<0.0006	0.0006	0.0020	02/11/25 12:36		
Trichloroethene	mg/Kg	<0.0010	0.0010	0.0020	02/11/25 12:36		
Trichlorofluoromethane	mg/Kg	<0.0017	0.0017	0.0020	02/11/25 12:36		
1,2,3-Trichloropropane	mg/Kg	<0.0013	0.0013	0.0020	02/11/25 12:36		
1,2,3-Trimethylbenzene	mg/Kg	<0.0020	0.0020	0.0020	02/11/25 12:36		
1,2,4-Trimethylbenzene	mg/Kg	<0.0019	0.0019	0.0020	02/11/25 12:36		
1,3,5-Trimethylbenzene	mg/Kg	<0.0008	0.0008	0.0020	02/11/25 12:36		
Vinyl Chloride	mg/Kg	<0.0016	0.0016	0.0020	02/11/25 12:36		
4-Bromofluorobenzene (S)					02/11/25 12:36	98.2	60-140
1,2-Dichloroethane - d4 (S)					02/11/25 12:36	95.3	60-140
Toluene-d8 (S)					02/11/25 12:36	105	60-140

Laboratory Control Sample & LCSD LCS-L799582 LCSD-L799582

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
Acetone	mg/Kg	0.100	0.118	0.0892	118	89.2	60-160	27.7*	20
Acrylonitrile	mg/Kg	0.100	0.0927	0.0738	92.7	73.8	50-150	22.7*	20
Benzene	mg/Kg	0.100	0.0953	0.0732	95.3	73.2	60-140	26.2*	20

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0014

QC Prep: L799582
QC Prep Batch Method: 5035
QC Analytical Batch(es): L799700
Analysis Method: 8260B
Analysis Description: Volatile Organic Compounds - GC/MS

Laboratory Control Sample & LCSD LCS-L799582 LCSD-L799582

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
Bromobenzene	mg/Kg	0.100	0.0880	0.0759	88.0	75.9	60-140	14.7	20
Bromodichloromethane	mg/Kg	0.100	0.0924	0.0794	92.4	79.4	60-140	15.1	20
Bromoform	mg/Kg	0.100	0.0882	0.0756	88.2	75.6	60-140	15.3	20
Bromomethane	mg/Kg	0.100	0.0857	0.0636	85.7	63.6	40-160	29.6*	20
2-Butanone (MEK)	mg/Kg	0.100	0.108	0.0826	108	82.6	40-160	26.6*	20
n-Butylbenzene	mg/Kg	0.100	0.0881	0.0755	88.1	75.5	60-140	15.4	20
sec-Butyl benzene	mg/Kg	0.100	0.0880	0.0774	88.0	77.4	60-140	12.8	20
tert-Butyl benzene	mg/Kg	0.100	0.0858	0.0750	85.8	75.0	60-140	13.4	20
Carbon Disulfide	mg/Kg	0.100	0.0780	0.0623	78.0	62.3	30-160	22.3*	20
Carbon Tetrachloride	mg/Kg	0.100	0.0940	0.0732	94.0	73.2	60-140	24.8*	20
Chlorobenzene	mg/Kg	0.100	0.0874	0.0741	87.4	74.1	60-140	16.4	20
Chlorodibromomethane	mg/Kg	0.100	0.0912	0.0777	91.2	77.7	60-140	15.9	20
Chloroethane	mg/Kg	0.100	0.0863	0.0860	86.3	86.0	40-160	0.3	20
Chloroform	mg/Kg	0.100	0.100	0.0760	100	76.0	60-140	27.2*	20
Chloromethane	mg/Kg	0.100	0.0792	0.0714	79.2	71.4	50-150	10.3	20
2-Chlorotoluene	mg/Kg	0.100	0.0848	0.0731	84.8	73.1	60-140	14.8	20
4-Chlorotoluene	mg/Kg	0.100	0.0879	0.0753	87.9	75.3	60-140	15.4	20
Cyclohexane	mg/Kg	0.100	0.0910	0.0713	91.0	71.3	40-160	24.2*	20
Di-Isopropyl Ether (DIPE)	mg/Kg	0.100	0.102	0.0759	102	75.9	60-140	29.3*	20
1,2-Dibromo-3-Chloropropane	mg/Kg	0.100	0.0886	0.0768	88.6	76.8	50-150	14.2	20
1,2-Dibromoethane	mg/Kg	0.100	0.0949	0.0814	94.9	81.4	60-140	15.3	20
Dibromomethane	mg/Kg	0.100	0.0938	0.0819	93.8	81.9	60-140	13.5	20
1,2-Dichlorobenzene	mg/Kg	0.100	0.0936	0.0796	93.6	79.6	60-140	16.1	20
1,3-Dichlorobenzene	mg/Kg	0.100	0.0861	0.0726	86.1	72.6	60-140	17.0	20
1,4-Dichlorobenzene	mg/Kg	0.100	0.0946	0.0793	94.6	79.3	60-140	17.5	20
Dichlorodifluoromethane	mg/Kg	0.100	0.0570	0.0598	57.0	59.8	40-140	4.7	20

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0014

QC Prep: L799582 **QC Analytical Batch(es):** L799700
QC Prep Batch Method: 5035 **Analysis Method:** 8260B
Analysis Description: Volatile Organic Compounds - GC/MS

Laboratory Control Sample & LCSD LCS-L799582 LCSD-L799582

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
1,1-Dichloroethane	mg/Kg	0.100	0.0905	0.0725	90.5	72.5	60-140	22.0*	20
1,2-Dichloroethane	mg/Kg	0.100	0.105	0.0784	105	78.4	60-140	29.0*	20
1,1-Dichloroethene	mg/Kg	0.100	0.0871	0.0692	87.1	69.2	60-140	22.9*	20
cis-1,2-Dichloroethene	mg/Kg	0.100	0.101	0.0763	101	76.3	60-140	27.8*	20
trans-1,2-Dichloroethene	mg/Kg	0.100	0.0895	0.0702	89.5	70.2	60-140	24.1*	20
1,2-Dichloropropane	mg/Kg	0.100	0.0905	0.0773	90.5	77.3	60-140	15.7	20
1,3-Dichloropropane	mg/Kg	0.100	0.0903	0.0796	90.3	79.6	60-140	12.5	20
2,2-Dichloropropane	mg/Kg	0.100	0.0912	0.0678	91.2	67.8	60-140	29.4*	20
1,1-Dichloropropene	mg/Kg	0.100	0.0907	0.0709	90.7	70.9	60-140	24.5*	20
cis-1,3-Dichloropropene	mg/Kg	0.100	0.0883	0.0749	88.3	74.9	60-140	16.4	20
trans-1,3-Dichloropropene	mg/Kg	0.100	0.0887	0.0745	88.7	74.5	60-140	17.4	20
Ethylbenzene	mg/Kg	0.100	0.0922	0.0797	92.2	79.7	60-140	14.5	20
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/Kg	0.100	0.0846	0.0677	84.6	67.7	60-140	22.1*	20
Hexachlorobutadiene	mg/Kg	0.100	0.0814	0.0696	81.4	69.6	40-160	15.6	20
2-Hexanone	mg/Kg	0.100	0.0935	0.0797	93.5	79.7	40-140	15.9	20
Isopropylbenzene	mg/Kg	0.100	0.0863	0.0746	86.3	74.6	60-140	14.5	20
4-Isopropyl toluene	mg/Kg	0.100	0.0875	0.0768	87.5	76.8	60-140	13.0	20
Methyl Acetate	mg/Kg	0.100	0.0934	0.0720	93.4	72.0	50-150	25.8*	20
4-Methyl-2-Pentanone	mg/Kg	0.100	0.0929	0.0803	92.9	80.3	40-140	14.5	20
Methylcyclohexane	mg/Kg	0.100	0.0776	0.0696	77.6	69.6	40-160	10.8	20
Methylene Chloride	mg/Kg	0.100	0.0954	0.0741	95.4	74.1	60-140	25.1*	20
Methyl tert-butyl ether (MTBE)	mg/Kg	0.100	0.0983	0.0726	98.3	72.6	60-140	30.0*	20
m,p-Xylene	mg/Kg	0.200	0.181	0.156	90.5	78.0	60-140	14.8	20
o-Xylene	mg/Kg	0.100	0.0900	0.0775	90.0	77.5	60-140	14.9	20
n-Propylbenzene	mg/Kg	0.100	0.0868	0.0753	86.8	75.3	60-140	14.1	20
Styrene	mg/Kg	0.100	0.0884	0.0753	88.4	75.3	60-140	16.0	20

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0014

QC Prep: L799582 **QC Analytical Batch(es):** L799700
QC Prep Batch Method: 5035 **Analysis Method:** 8260B
Analysis Description: Volatile Organic Compounds - GC/MS

Laboratory Control Sample & LCSD LCS-L799582 LCSD-L799582

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
1,1,1,2-Tetrachloroethane	mg/Kg	0.100	0.0847	0.0728	84.7	72.8	60-140	15.1	20
1,1,2,2-Tetrachloroethane	mg/Kg	0.100	0.0982	0.0851	98.2	85.1	60-140	14.2	20
Tetrachloroethene	mg/Kg	0.100	0.0859	0.0757	85.9	75.7	60-140	12.6	20
Toluene	mg/Kg	0.100	0.0908	0.0787	90.8	78.7	60-140	14.2	20
1,2,3-Trichlorobenzene	mg/Kg	0.100	0.0893	0.0737	89.3	73.7	60-140	19.1	20
1,2,4-Trichlorobenzene	mg/Kg	0.100	0.0893	0.0742	89.3	74.2	60-140	18.4	20
1,1,1-Trichloroethane	mg/Kg	0.100	0.0958	0.0734	95.8	73.4	60-140	26.4*	20
1,1,2-Trichloroethane	mg/Kg	0.100	0.0943	0.0814	94.3	81.4	60-140	14.6	20
Trichloroethene	mg/Kg	0.100	0.0844	0.0746	84.4	74.6	60-140	12.3	20
Trichlorofluoromethane	mg/Kg	0.100	0.0910	0.0878	91.0	87.8	60-140	3.5	20
1,2,3-Trichloropropane	mg/Kg	0.100	0.0948	0.0828	94.8	82.8	60-140	13.5	20
1,2,3-Trimethylbenzene	mg/Kg	0.141	0.152	0.160	108	113	60-140	5.1	20
1,2,4-Trimethylbenzene	mg/Kg	0.100	0.0885	0.0752	88.5	75.2	60-140	16.2	20
1,3,5-Trimethylbenzene	mg/Kg	0.100	0.0887	0.0768	88.7	76.8	60-140	14.3	20
Vinyl Chloride	mg/Kg	0.100	0.0821	0.0792	82.1	79.2	60-140	3.5	20
4-Bromofluorobenzene (S)					88.6	75.8	60-140		
1,2-Dichloroethane - d4 (S)					107	78.8	60-140		
Toluene-d8 (S)					88.2	76.1	60-140		

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0014

QC Prep: L799797
QC Prep Batch Method: 5035
QC Analytical Batch(es): L799959
Analysis Method: 8260B
Analysis Description: Volatile Organic Compounds - GC/MS

Lab Reagent Blank LRB-L799797 Matrix: SOL
Associated Lab Samples: 87274, 87275, 87276

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery	% Rec Limits
Acetone	mg/Kg	<0.0254	0.0254	0.0400	02/12/25 12:20		
Acrylonitrile	mg/Kg	<0.0087	0.0087	0.0400	02/12/25 12:20		
Benzene	mg/Kg	<0.0009	0.0009	0.0020	02/12/25 12:20		
Bromobenzene	mg/Kg	<0.0013	0.0013	0.0020	02/12/25 12:20		
Bromodichloromethane	mg/Kg	<0.0009	0.0009	0.0020	02/12/25 12:20		
Bromoform	mg/Kg	<0.0019	0.0019	0.0020	02/12/25 12:20		
Bromomethane	mg/Kg	<0.0014	0.0014	0.0020	02/12/25 12:20		
2-Butanone (MEK)	mg/Kg	<0.0365	0.0365	0.0400	02/12/25 12:20		
n-Butylbenzene	mg/Kg	<0.0018	0.0018	0.0020	02/12/25 12:20		
sec-Butyl benzene	mg/Kg	<0.0013	0.0013	0.0020	02/12/25 12:20		
tert-Butyl benzene	mg/Kg	<0.0010	0.0010	0.0020	02/12/25 12:20		
Carbon Disulfide	mg/Kg	<0.0037	0.0037	0.0100	02/12/25 12:20		
Carbon Tetrachloride	mg/Kg	<0.0009	0.0009	0.0020	02/12/25 12:20		
Chlorobenzene	mg/Kg	<0.0009	0.0009	0.0020	02/12/25 12:20		
Chlorodibromomethane	mg/Kg	<0.0011	0.0011	0.0020	02/12/25 12:20		
Chloroethane	mg/Kg	<0.0017	0.0017	0.0020	02/12/25 12:20		
Chloroform	mg/Kg	<0.0010	0.0010	0.0020	02/12/25 12:20		
Chloromethane	mg/Kg	<0.0016	0.0016	0.0020	02/12/25 12:20		
2-Chlorotoluene	mg/Kg	<0.0007	0.0007	0.0020	02/12/25 12:20		
4-Chlorotoluene	mg/Kg	<0.0009	0.0009	0.0020	02/12/25 12:20		
Cyclohexane	mg/Kg	<0.0086	0.0086	0.0100	02/12/25 12:20		
Di-Isopropyl Ether (DIPE)	mg/Kg	<0.0090	0.0090	0.0400	02/12/25 12:20		
1,2-Dibromo-3-Chloropropane	mg/Kg	<0.0040	0.0040	0.0100	02/12/25 12:20		
1,2-Dibromoethane	mg/Kg	<0.0010	0.0010	0.0020	02/12/25 12:20		
Dibromomethane	mg/Kg	<0.0013	0.0013	0.0020	02/12/25 12:20		
1,2-Dichlorobenzene	mg/Kg	<0.0017	0.0017	0.0020	02/12/25 12:20		
1,3-Dichlorobenzene	mg/Kg	<0.0009	0.0009	0.0020	02/12/25 12:20		

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0014

QC Prep: L799797
QC Prep Batch Method: 5035
QC Analytical Batch(es): L799959
Analysis Method: 8260B
Analysis Description: Volatile Organic Compounds - GC/MS

Lab Reagent Blank LRB-L799797 Matrix: SOL
Associated Lab Samples: 87274, 87275, 87276

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery	% Rec Limits
1,4-Dichlorobenzene	mg/Kg	<0.0016	0.0016	0.0020	02/12/25 12:20		
Dichlorodifluoromethane	mg/Kg	<0.0016	0.0016	0.0020	02/12/25 12:20		
1,1-Dichloroethane	mg/Kg	<0.0011	0.0011	0.0020	02/12/25 12:20		
1,2-Dichloroethane	mg/Kg	<0.0012	0.0012	0.0020	02/12/25 12:20		
1,1-Dichloroethene	mg/Kg	<0.0018	0.0018	0.0020	02/12/25 12:20		
cis-1,2-Dichloroethene	mg/Kg	<0.0011	0.0011	0.0020	02/12/25 12:20		
trans-1,2-Dichloroethene	mg/Kg	<0.0012	0.0012	0.0020	02/12/25 12:20		
1,2-Dichloropropane	mg/Kg	<0.0014	0.0014	0.0020	02/12/25 12:20		
1,3-Dichloropropane	mg/Kg	<0.0016	0.0016	0.0020	02/12/25 12:20		
2,2-Dichloropropane	mg/Kg	<0.0011	0.0011	0.0020	02/12/25 12:20		
1,1-Dichloropropene	mg/Kg	<0.0007	0.0007	0.0020	02/12/25 12:20		
cis-1,3-Dichloropropene	mg/Kg	<0.0008	0.0008	0.0020	02/12/25 12:20		
trans-1,3-Dichloropropene	mg/Kg	<0.0009	0.0009	0.0020	02/12/25 12:20		
Ethylbenzene	mg/Kg	<0.0011	0.0011	0.0020	02/12/25 12:20		
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/Kg	<0.0006	0.0006	0.0020	02/12/25 12:20		
Hexachlorobutadiene	mg/Kg	<0.0019	0.0019	0.0020	02/12/25 12:20		
2-Hexanone	mg/Kg	<0.0081	0.0081	0.0100	02/12/25 12:20		
Isopropylbenzene	mg/Kg	<0.0015	0.0015	0.0020	02/12/25 12:20		
4-Isopropyl toluene	mg/Kg	<0.0013	0.0013	0.0020	02/12/25 12:20		
Methyl Acetate	mg/Kg	<0.0076	0.0076	0.0100	02/12/25 12:20		
4-Methyl-2-Pentanone	mg/Kg	<0.0078	0.0078	0.0100	02/12/25 12:20		
Methylcyclohexane	mg/Kg	<0.0081	0.0081	0.0100	02/12/25 12:20		
Methylene Chloride	mg/Kg	<0.0095	0.0095	0.0100	02/12/25 12:20		
Methyl tert-butyl ether (MTBE)	mg/Kg	<0.0010	0.0010	0.0020	02/12/25 12:20		
m,p-Xylene	mg/Kg	<0.0023	0.0023	0.0040	02/12/25 12:20		
o-Xylene	mg/Kg	<0.0007	0.0007	0.0020	02/12/25 12:20		
n-Propylbenzene	mg/Kg	<0.0011	0.0011	0.0020	02/12/25 12:20		

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0014

QC Prep: L799797
QC Prep Batch Method: 5035
QC Analytical Batch(es): L799959
Analysis Method: 8260B
Analysis Description: Volatile Organic Compounds - GC/MS

Lab Reagent Blank LRB-L799797 Matrix: SOL
Associated Lab Samples: 87274, 87275, 87276

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery	% Rec Limits
Styrene	mg/Kg	<0.0010	0.0010	0.0020	02/12/25 12:20		
1,1,1,2-Tetrachloroethane	mg/Kg	<0.0016	0.0016	0.0020	02/12/25 12:20		
1,1,2,2-Tetrachloroethane	mg/Kg	<0.0013	0.0013	0.0020	02/12/25 12:20		
Tetrachloroethene	mg/Kg	<0.0009	0.0009	0.0020	02/12/25 12:20		
Toluene	mg/Kg	<0.0010	0.0010	0.0040	02/12/25 12:20		
1,2,3-Trichlorobenzene	mg/Kg	<0.0023	0.0023	0.0040	02/12/25 12:20		
1,2,4-Trichlorobenzene	mg/Kg	<0.0021	0.0021	0.0040	02/12/25 12:20		
1,1,1-Trichloroethane	mg/Kg	<0.0009	0.0009	0.0020	02/12/25 12:20		
1,1,2-Trichloroethane	mg/Kg	<0.0006	0.0006	0.0020	02/12/25 12:20		
Trichloroethene	mg/Kg	<0.0010	0.0010	0.0020	02/12/25 12:20		
Trichlorofluoromethane	mg/Kg	<0.0017	0.0017	0.0020	02/12/25 12:20		
1,2,3-Trichloropropane	mg/Kg	<0.0013	0.0013	0.0020	02/12/25 12:20		
1,2,3-Trimethylbenzene	mg/Kg	<0.0020	0.0020	0.0020	02/12/25 12:20		
1,2,4-Trimethylbenzene	mg/Kg	<0.0019	0.0019	0.0020	02/12/25 12:20		
1,3,5-Trimethylbenzene	mg/Kg	<0.0008	0.0008	0.0020	02/12/25 12:20		
Vinyl Chloride	mg/Kg	<0.0016	0.0016	0.0020	02/12/25 12:20		
4-Bromofluorobenzene (S)					02/12/25 12:20	96.1	60-140
1,2-Dichloroethane - d4 (S)					02/12/25 12:20	92.6	60-140
Toluene-d8 (S)					02/12/25 12:20	104	60-140

Laboratory Control Sample & LCSD LCS-L799797 LCSD-L799797

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
Acetone	mg/Kg	0.100	0.113	0.118	113	118	60-160	4.3	20
Acrylonitrile	mg/Kg	0.100	0.120	0.118	120	118	50-150	1.6	20
Benzene	mg/Kg	0.100	0.120	0.119	120	119	60-140	0.8	20

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0014

QC Prep: L799797
QC Prep Batch Method: 5035
QC Analytical Batch(es): L799959
Analysis Method: 8260B
Analysis Description: Volatile Organic Compounds - GC/MS

Laboratory Control Sample & LCSD LCS-L799797 LCSD-L799797

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
Bromobenzene	mg/Kg	0.100	0.116	0.115	116	115	60-140	0.8	20
Bromodichloromethane	mg/Kg	0.100	0.119	0.121	119	121	60-140	1.6	20
Bromoform	mg/Kg	0.100	0.105	0.104	105	104	60-140	0.9	20
Bromomethane	mg/Kg	0.100	0.102	0.0987	102	98.7	40-160	3.2	20
2-Butanone (MEK)	mg/Kg	0.100	0.107	0.107	107	107	40-160	0.0	20
n-Butylbenzene	mg/Kg	0.100	0.130	0.125	130	125	60-140	3.9	20
sec-Butyl benzene	mg/Kg	0.100	0.129	0.126	129	126	60-140	2.3	20
tert-Butyl benzene	mg/Kg	0.100	0.126	0.123	126	123	60-140	2.4	20
Carbon Disulfide	mg/Kg	0.100	0.0924	0.0932	92.4	93.2	30-160	0.8	20
Carbon Tetrachloride	mg/Kg	0.100	0.126	0.122	126	122	60-140	3.2	20
Chlorobenzene	mg/Kg	0.100	0.117	0.117	117	117	60-140	0.0	20
Chlorodibromomethane	mg/Kg	0.100	0.110	0.114	110	114	60-140	3.5	20
Chloroethane	mg/Kg	0.100	0.0992	0.105	99.2	105	40-160	5.6	20
Chloroform	mg/Kg	0.100	0.119	0.120	119	120	60-140	0.8	20
Chloromethane	mg/Kg	0.100	0.0913	0.0902	91.3	90.2	50-150	1.2	20
2-Chlorotoluene	mg/Kg	0.100	0.118	0.115	118	115	60-140	2.5	20
4-Chlorotoluene	mg/Kg	0.100	0.120	0.119	120	119	60-140	0.8	20
Cyclohexane	mg/Kg	0.100	0.114	0.117	114	117	40-160	2.5	20
Di-Isopropyl Ether (DIPE)	mg/Kg	0.100	0.119	0.119	119	119	60-140	0.0	20
1,2-Dibromo-3-Chloropropane	mg/Kg	0.100	0.100	0.100	100	100	50-150	0.0	20
1,2-Dibromoethane	mg/Kg	0.100	0.110	0.115	110	115	60-140	4.4	20
Dibromomethane	mg/Kg	0.100	0.115	0.118	115	118	60-140	2.5	20
1,2-Dichlorobenzene	mg/Kg	0.100	0.123	0.120	123	120	60-140	2.4	20
1,3-Dichlorobenzene	mg/Kg	0.100	0.118	0.114	118	114	60-140	3.4	20
1,4-Dichlorobenzene	mg/Kg	0.100	0.126	0.122	126	122	60-140	3.2	20
Dichlorodifluoromethane	mg/Kg	0.100	0.0676	0.0712	67.6	71.2	40-140	5.1	20

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0014

QC Prep: L799797 **QC Analytical Batch(es):** L799959
QC Prep Batch Method: 5035 **Analysis Method:** 8260B
Analysis Description: Volatile Organic Compounds - GC/MS

Laboratory Control Sample & LCSD LCS-L799797 LCSD-L799797

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
1,1-Dichloroethane	mg/Kg	0.100	0.118	0.118	118	118	60-140	0.0	20
1,2-Dichloroethane	mg/Kg	0.100	0.119	0.120	119	120	60-140	0.8	20
1,1-Dichloroethene	mg/Kg	0.100	0.108	0.106	108	106	60-140	1.8	20
cis-1,2-Dichloroethene	mg/Kg	0.100	0.123	0.121	123	121	60-140	1.6	20
trans-1,2-Dichloroethene	mg/Kg	0.100	0.111	0.111	111	111	60-140	0.0	20
1,2-Dichloropropane	mg/Kg	0.100	0.119	0.120	119	120	60-140	0.8	20
1,3-Dichloropropane	mg/Kg	0.100	0.110	0.112	110	112	60-140	1.8	20
2,2-Dichloropropane	mg/Kg	0.100	0.115	0.112	115	112	60-140	2.6	20
1,1-Dichloropropene	mg/Kg	0.100	0.120	0.117	120	117	60-140	2.5	20
cis-1,3-Dichloropropene	mg/Kg	0.100	0.114	0.114	114	114	60-140	0.0	20
trans-1,3-Dichloropropene	mg/Kg	0.100	0.108	0.110	108	110	60-140	1.8	20
Ethylbenzene	mg/Kg	0.100	0.115	0.114	115	114	60-140	0.8	20
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/Kg	0.100	0.108	0.107	108	107	60-140	0.9	20
Hexachlorobutadiene	mg/Kg	0.100	0.120	0.114	120	114	40-160	5.1	20
2-Hexanone	mg/Kg	0.100	0.0988	0.101	98.8	101	40-140	2.2	20
Isopropylbenzene	mg/Kg	0.100	0.125	0.122	125	122	60-140	2.4	20
4-Isopropyl toluene	mg/Kg	0.100	0.127	0.124	127	124	60-140	2.3	20
Methyl Acetate	mg/Kg	0.100	0.0941	0.0948	94.1	94.8	50-150	0.7	20
4-Methyl-2-Pentanone	mg/Kg	0.100	0.0997	0.103	99.7	103	40-140	3.2	20
Methylcyclohexane	mg/Kg	0.100	0.116	0.114	116	114	40-160	1.7	20
Methylene Chloride	mg/Kg	0.100	0.114	0.112	114	112	60-140	1.7	20
Methyl tert-butyl ether (MTBE)	mg/Kg	0.100	0.106	0.106	106	106	60-140	0.0	20
m,p-Xylene	mg/Kg	0.200	0.225	0.221	113	111	60-140	1.7	20
o-Xylene	mg/Kg	0.100	0.124	0.122	124	122	60-140	1.6	20
n-Propylbenzene	mg/Kg	0.100	0.126	0.123	126	123	60-140	2.4	20
Styrene	mg/Kg	0.100	0.118	0.117	118	117	60-140	0.8	20

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0014

QC Prep: L799797 **QC Analytical Batch(es):** L799959
QC Prep Batch Method: 5035 **Analysis Method:** 8260B
Analysis Description: Volatile Organic Compounds - GC/MS

Laboratory Control Sample & LCSD LCS-L799797 LCSD-L799797

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
1,1,1,2-Tetrachloroethane	mg/Kg	0.100	0.114	0.112	114	112	60-140	1.7	20
1,1,2,2-Tetrachloroethane	mg/Kg	0.100	0.115	0.115	115	115	60-140	0.0	20
Tetrachloroethene	mg/Kg	0.100	0.127	0.126	127	126	60-140	0.7	20
Toluene	mg/Kg	0.100	0.108	0.108	108	108	60-140	0.0	20
1,2,3-Trichlorobenzene	mg/Kg	0.100	0.116	0.111	116	111	60-140	4.4	20
1,2,4-Trichlorobenzene	mg/Kg	0.100	0.119	0.115	119	115	60-140	3.4	20
1,1,1-Trichloroethane	mg/Kg	0.100	0.125	0.122	125	122	60-140	2.4	20
1,1,2-Trichloroethane	mg/Kg	0.100	0.114	0.116	114	116	60-140	1.7	20
Trichloroethene	mg/Kg	0.100	0.123	0.124	123	124	60-140	0.8	20
Trichlorofluoromethane	mg/Kg	0.100	0.105	0.111	105	111	60-140	5.5	20
1,2,3-Trichloropropane	mg/Kg	0.100	0.109	0.110	109	110	60-140	0.9	20
1,2,3-Trimethylbenzene	mg/Kg	0.141	0.183	0.170	130	121	60-140	7.3	20
1,2,4-Trimethylbenzene	mg/Kg	0.100	0.124	0.121	124	121	60-140	2.4	20
1,3,5-Trimethylbenzene	mg/Kg	0.100	0.126	0.124	126	124	60-140	1.6	20
Vinyl Chloride	mg/Kg	0.100	0.0956	0.101	95.6	101	60-140	5.4	20
4-Bromofluorobenzene (S)					116	117	60-140		
1,2-Dichloroethane - d4 (S)					120	122	60-140		
Toluene-d8 (S)					123	124	60-140		

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0014

QC Prep: L799102 **QC Analytical Batch(es):** L799622
QC Prep Batch Method: 3550B **Analysis Method:** 8270D SIM
Analysis Description: Semivolatile Organic Compounds - GC/MS (SIM)

Lab Reagent Blank LRB-L799102 Matrix: SOL
Associated Lab Samples: 87273, 87274, 87275, 87276

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery	% Rec Limits
Acenaphthene	mg/Kg	<0.000304	0.000304	0.000670	02/11/25 15:02		
Acenaphthylene	mg/Kg	<0.000270	0.000270	0.000670	02/11/25 15:02		
Anthracene	mg/Kg	<0.000334	0.000334	0.000670	02/11/25 15:02		
Benzo(a)anthracene	mg/Kg	<0.000493	0.000493	0.000670	02/11/25 15:02		
Benzo(a)pyrene	mg/Kg	<0.000468	0.000468	0.000670	02/11/25 15:02		
Benzo(b)fluoranthene	mg/Kg	<0.000585	0.000585	0.000670	02/11/25 15:02		
Benzo(g,h,i)perylene	mg/Kg	<0.000639	0.000639	0.000670	02/11/25 15:02		
Benzo(k)fluoranthene	mg/Kg	<0.000437	0.000437	0.000670	02/11/25 15:02		
Chrysene	mg/Kg	<0.000624	0.000624	0.000670	02/11/25 15:02		
Dibenz(a,h)anthracene	mg/Kg	<0.000614	0.000614	0.000670	02/11/25 15:02		
Fluoranthene	mg/Kg	<0.000394	0.000394	0.000670	02/11/25 15:02		
Fluorene	mg/Kg	<0.000286	0.000286	0.000670	02/11/25 15:02		
Indeno(1,2,3-cd)pyrene	mg/Kg	<0.000627	0.000627	0.000670	02/11/25 15:02		
1-Methylnaphthalene	mg/Kg	<0.00109	0.00109	0.00201	02/11/25 15:02		
2-Methylnaphthalene	mg/Kg	<0.00194	0.00194	0.00201	02/11/25 15:02		
Naphthalene	mg/Kg	<0.00145	0.00145	0.00201	02/11/25 15:02		
Phenanthrene	mg/Kg	<0.000421	0.000421	0.000670	02/11/25 15:02		
Pyrene	mg/Kg	<0.000643	0.000643	0.000670	02/11/25 15:02		
2-Fluorobiphenyl (S)					02/11/25 15:02	47.1	33-115
Nitrobenzene-d5 (S)					02/11/25 15:02	63.6	29-110
4-Terphenyl-d14 (S)					02/11/25 15:02	70.2	33-122

Laboratory Control Sample LCS-L799102

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Acenaphthene	mg/Kg	0.167	0.0934	55.9	30-130
Acenaphthylene	mg/Kg	0.167	0.0949	56.8	30-130

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0014

QC Prep: L799102 **QC Analytical Batch(es):** L799622
QC Prep Batch Method: 3550B **Analysis Method:** 8270D SIM
Analysis Description: Semivolatile Organic Compounds - GC/MS (SIM)

Laboratory Control Sample LCS-L799102

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Anthracene	mg/Kg	0.167	0.0919	55.0	30-130
Benzo(a)anthracene	mg/Kg	0.167	0.113	67.6	30-130
Benzo(a)pyrene	mg/Kg	0.167	0.114	68.2	30-130
Benzo(b)fluoranthene	mg/Kg	0.167	0.115	68.8	30-130
Benzo(g,h,i)perylene	mg/Kg	0.167	0.109	65.2	30-130
Benzo(k)fluoranthene	mg/Kg	0.167	0.108	64.6	30-130
Chrysene	mg/Kg	0.167	0.0946	56.6	30-130
Dibenz(a,h)anthracene	mg/Kg	0.167	0.126	75.4	30-130
Fluoranthene	mg/Kg	0.167	0.110	65.8	30-130
Fluorene	mg/Kg	0.167	0.100	59.8	30-130
Indeno(1,2,3-cd)pyrene	mg/Kg	0.167	0.121	72.4	30-130
1-Methylnaphthalene	mg/Kg	0.167	0.0693	41.4	30-130
2-Methylnaphthalene	mg/Kg	0.167	0.0784	46.9	30-130
Naphthalene	mg/Kg	0.167	0.0648	38.8	30-130
Phenanthrene	mg/Kg	0.167	0.0988	59.1	30-130
Pyrene	mg/Kg	0.167	0.108	64.6	30-130
2-Fluorobiphenyl (S)				47.1	33-115
Nitrobenzene-d5 (S)				65.4	29-110
4-Terphenyl-d14 (S)				75.0	33-122

Matrix Spike & Matrix Spike Duplicate L 87286-MS-L799102 L 87286-MSD-L799102

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Acenaphthene	mg/Kg	<0.000304	0.166	0.165	0.0936	0.0891	56.3	54.0	30-130	4.9	30
Acenaphthylene	mg/Kg	<0.000270	0.166	0.165	0.0941	0.0898	56.6	54.4	30-130	4.6	30
Anthracene	mg/Kg	<0.000334	0.166	0.165	0.0938	0.0856	56.5	51.8	30-130	9.1	30

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0014

QC Prep: L799102 **QC Analytical Batch(es):** L799622
QC Prep Batch Method: 3550B **Analysis Method:** 8270D SIM
Analysis Description: Semivolatile Organic Compounds - GC/MS (SIM)

Matrix Spike & Matrix Spike Duplicate L 87286-MS-L799102 L 87286-MSD-L799102

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Benzo(a)anthracene	mg/Kg	<0.000493	0.166	0.165	0.115	0.106	69.2	64.2	30-130	8.1	30
Benzo(a)pyrene	mg/Kg	<0.000468	0.166	0.165	0.110	0.103	66.2	62.4	30-130	6.5	30
Benzo(b)fluoranthene	mg/Kg	<0.000585	0.166	0.165	0.118	0.110	71.0	66.6	30-130	7.0	30
Benzo(g,h,i)perylene	mg/Kg	<0.000639	0.166	0.165	0.104	0.100	62.6	60.6	30-130	3.9	30
Benzo(k)fluoranthene	mg/Kg	<0.000437	0.166	0.165	0.110	0.106	66.2	64.2	30-130	3.7	30
Chrysene	mg/Kg	<0.000624	0.166	0.165	0.0901	0.0836	54.2	50.6	30-130	7.4	30
Dibenz(a,h)anthracene	mg/Kg	<0.000614	0.166	0.165	0.116	0.113	69.8	68.4	30-130	2.6	30
Fluoranthene	mg/Kg	<0.000394	0.166	0.165	0.106	0.0949	63.8	57.5	30-130	11.0	30
Fluorene	mg/Kg	0.000512	0.166	0.165	0.105	0.0996	62.9	60.0	30-130	5.2	30
Indeno(1,2,3-cd)pyrene	mg/Kg	<0.000627	0.166	0.165	0.114	0.111	68.6	67.2	30-130	2.6	30
1-Methylnaphthalene	mg/Kg	<0.00109	0.166	0.165	0.0658	0.0608	39.6	36.8	30-130	7.8	30
2-Methylnaphthalene	mg/Kg	<0.00194	0.166	0.165	0.0749	0.0707	45.1	42.8	30-130	5.7	30
Naphthalene	mg/Kg	<0.00145	0.166	0.165	0.0613	0.0590	36.9	35.7	30-130	3.8	30
Phenanthrene	mg/Kg	0.000690	0.166	0.165	0.104	0.0983	62.2	59.1	30-130	5.6	30
Pyrene	mg/Kg	<0.000643	0.166	0.165	0.104	0.0942	62.6	57.0	30-130	9.8	30
2-Fluorobiphenyl (S)							40.6	39.6	33-115		
Nitrobenzene-d5 (S)							56.3	55.1	29-110		
4-Terphenyl-d14 (S)							63.5	56.0	33-122		

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0014

QC Analytical Batch: L799282
Analysis Method: SW-DRYWT
Analysis Description: Dry Weight Determination

Duplicate L 87270-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Moisture	%	11.4	11.5	0.8	20.0	02/11/25 10:31

Shipment Receipt Form

Customer Number: **05143**

Customer Name: **LaBella Associates**

Report Number: **25-038-0014**

Shipping Method

☒ Fed Ex	☐ US Postal	☐ Lab	☐ Other :	
☐ UPS	☐ Client	☐ Courier	Thermometer ID:	t135

Shipping container/cooler uncompromised?	☒ Yes	☐ No	
Number of coolers/boxes received	1		
Custody seals intact on shipping container/cooler?	☐ Yes	☐ No	☒ Not Present
Custody seals intact on sample bottles?	☐ Yes	☐ No	☒ Not Present
Chain of Custody (COC) present?	☒ Yes	☐ No	
COC agrees with sample label(s)?	☒ Yes	☐ No	
COC properly completed	☒ Yes	☐ No	
Samples in proper containers?	☒ Yes	☐ No	
Sample containers intact?	☒ Yes	☐ No	
Sufficient sample volume for indicated test(s)?	☒ Yes	☐ No	
All samples received within holding time?	☒ Yes	☐ No	
Cooler temperature in compliance?	☒ Yes	☐ No	☐ Not Present
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	☒ Yes	☐ No	
Water - Sample containers properly preserved	☐ Yes	☐ No	☒ N/A
Water - VOA vials free of headspace	☐ Yes	☐ No	☒ N/A
Trip Blanks received with VOAs	☐ Yes	☐ No	☒ N/A
Soil VOA method 5035 – compliance criteria met	☐ Yes	☐ No	☒ N/A
☐ High concentration container (48 hr)	☐ Low concentration EnCore samplers (48 hr)		
☒ High concentration pre-weighed (methanol -14 d)	☒ Low conc pre-weighed vials (Sod Bis -14 d)		
Special precautions or instructions included?	☐ Yes	☒ No	

Comments:

Signature:

Date & Time:

2/20/2025

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover, AL, 35244

Ref: Analytical Testing
Lab Report Number: 25-038-0013
Client Project Description: Kennedy Galvanizing
Hanceville, AL
Project #2251182

Dear Mr. David Wall:

Waypoint Analytical, LLC. received sample(s) on 2/7/2025 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method. Where the laboratory was not responsible for the sampling stage (refer to the chain of custody) results apply to the sample as received.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2021) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,



Rebekah Ross
Project Manager

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.



Certification Summary

Laboratory ID: WP MTN: Waypoint Analytical, LLC. (Memphis), Memphis, TN

State	Program	Lab ID	Expiration Date
Alabama	State Program	40750	02/28/2025
Arkansas	State Program	88-0650	02/07/2025
California	State Program	2904	06/30/2025
Florida	State Program - NELAP	E871157	06/30/2025
Georgia	State Program	C044	11/14/2025
Georgia	State Program	04015	06/30/2025
Illinois	State Program - NELAP	200078	10/31/2025
Kentucky	State Program	KY90047	12/31/2025
Kentucky	State Program	80215	06/30/2025
Kentucky	State Program	KY90047	12/31/2025
Louisiana	State Program - NELAP	LA037	12/31/2025
Louisiana	State Program - NELAP	04015	06/30/2025
Mississippi	State Program	MS	11/14/2025
North Carolina	State Program	47701	07/31/2025
North Carolina	State Program	415	12/31/2025
Pennsylvania	State Program - NELAP	68-03195	05/31/2025
South Carolina	State Program	84002	06/30/2025
Tennessee	State Program	02027	11/14/2025
Texas	State Program - NELAP	T104704180	09/30/2025
Virginia	State Program	00106	06/30/2025
Virginia	State Program - NELAP	460181	09/14/2025



Sample Summary Table

Report Number: 25-038-0013
Client Project Description: Kennedy Galvanizing
Hanceville, AL
Project #2251182

Lab No	Client Sample ID	Matrix	Date Collected	Date Received
87262	SP-1	Solids	02/05/2025 13:39	02/07/2025
87263	SBS-2A	Solids	02/05/2025 14:49	02/07/2025
87264	SBS-2B	Solids	02/05/2025 15:05	02/07/2025
87265	SFS-1	Solids	02/05/2025 15:28	02/07/2025
87266	SFS-3	Solids	02/05/2025 15:42	02/07/2025
87267	SBS-1A	Solids	02/06/2025 09:27	02/07/2025
87268	SBS-1B	Solids	02/06/2025 09:36	02/07/2025
87269	SFS-2	Solids	02/06/2025 11:20	02/07/2025
87270	SBS-5A	Solids	02/06/2025 10:33	02/07/2025
87271	SBS-5B	Solids	02/06/2025 10:38	02/07/2025

Summary of Detected Analytes

Project: Kennedy Galvanizing

Report Number: 25-038-0013

Client Sample ID	Lab Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
SP-1	L 87262					
6010D	Arsenic	7.80	mg/Kg	1.25	02/15/2025 12:43	
6010D	Barium	102	mg/Kg	0.750	02/15/2025 12:43	
6010D	Cadmium	1.22	mg/Kg	0.250	02/15/2025 12:43	
6010D	Chromium	210	mg/Kg	1.25	02/15/2025 12:43	
6010D	Lead	97.2	mg/Kg	1.00	02/15/2025 12:43	
6010D	Zinc	5620	mg/Kg	4.25	02/15/2025 12:43	
7471A	Mercury	0.0363	mg/Kg	0.0204	02/13/2025 14:08	J
8260B	Acetone	0.0512	mg/Kg	0.0264	02/11/2025 13:20	
8260B	Carbon Disulfide	0.0122	mg/Kg	0.0039	02/11/2025 13:20	
8270D SIM	Acenaphthene	0.417	mg/Kg	0.00304	02/12/2025 01:51	
8270D SIM	Acenaphthylene	0.00575	mg/Kg	0.000270	02/10/2025 23:15	
8270D SIM	Anthracene	0.919	mg/Kg	0.00334	02/12/2025 01:51	
8270D SIM	Benzo(a)anthracene	4.01	mg/Kg	0.00493	02/12/2025 01:51	
8270D SIM	Benzo(a)pyrene	4.25	mg/Kg	0.00468	02/12/2025 01:51	
8270D SIM	Benzo(b)fluoranthene	4.47	mg/Kg	0.00585	02/12/2025 01:51	
8270D SIM	Benzo(g,h,i)perylene	1.65	mg/Kg	0.00639	02/12/2025 01:51	
8270D SIM	Benzo(k)fluoranthene	1.64	mg/Kg	0.00437	02/12/2025 01:51	
8270D SIM	Chrysene	4.83	mg/Kg	0.00624	02/12/2025 01:51	
8270D SIM	Dibenz(a,h)anthracene	0.603	mg/Kg	0.00614	02/12/2025 01:51	
8270D SIM	Fluoranthene	8.40	mg/Kg	0.0394	02/12/2025 01:30	
8270D SIM	Fluorene	0.529	mg/Kg	0.00286	02/12/2025 01:51	
8270D SIM	Indeno(1,2,3-cd)pyrene	2.13	mg/Kg	0.00627	02/12/2025 01:51	
8270D SIM	1-Methylnaphthalene	0.0169	mg/Kg	0.00109	02/10/2025 23:15	
8270D SIM	2-Methylnaphthalene	0.0180	mg/Kg	0.00194	02/10/2025 23:15	
8270D SIM	Naphthalene	0.0142	mg/Kg	0.00145	02/10/2025 23:15	
8270D SIM	Phenanthrene	6.11	mg/Kg	0.0421	02/12/2025 01:30	
8270D SIM	Pyrene	6.26	mg/Kg	0.0643	02/12/2025 01:30	
SW-DRYWT	Moisture	27.9	%	0	02/11/2025 10:22	
SBS-2A	L 87263					
6010D	Arsenic	2.83	mg/Kg	0.250	02/13/2025 18:56	
6010D	Barium	17.2	mg/Kg	0.150	02/13/2025 18:56	
6010D	Cadmium	0.172	mg/Kg	0.0500	02/13/2025 18:56	
6010D	Chromium	6.56	mg/Kg	0.250	02/13/2025 18:56	
6010D	Lead	2.58	mg/Kg	0.200	02/13/2025 18:56	
6010D	Zinc	12.8	mg/Kg	0.850	02/13/2025 18:56	
7471A	Mercury	0.0651	mg/Kg	0.0216	02/13/2025 14:09	J

Summary of Detected Analytes

Project: Kennedy Galvanizing

Report Number: 25-038-0013

Client Sample ID	Lab Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
SBS-2A	L 87263					
8260B	Acetone	0.0601	mg/Kg	0.0254	02/11/2025 14:03	
8270D SIM	Benzo(a)anthracene	0.00118	mg/Kg	0.000493	02/10/2025 23:36	
8270D SIM	Benzo(a)pyrene	0.00268	mg/Kg	0.000468	02/10/2025 23:36	
8270D SIM	Benzo(b)fluoranthene	0.00223	mg/Kg	0.000585	02/10/2025 23:36	
8270D SIM	Benzo(g,h,i)perylene	0.00434	mg/Kg	0.000639	02/10/2025 23:36	
8270D SIM	Benzo(k)fluoranthene	0.000764	mg/Kg	0.000437	02/10/2025 23:36	
8270D SIM	Chrysene	0.00143	mg/Kg	0.000624	02/10/2025 23:36	
8270D SIM	Dibenz(a,h)anthracene	0.000796	mg/Kg	0.000614	02/10/2025 23:36	
8270D SIM	Fluoranthene	0.00144	mg/Kg	0.000394	02/10/2025 23:36	
8270D SIM	Indeno(1,2,3-cd)pyrene	0.00492	mg/Kg	0.000627	02/10/2025 23:36	
8270D SIM	Pyrene	0.00130	mg/Kg	0.000643	02/10/2025 23:36	
SW-DRYWT	Moisture	16.9	%	0	02/11/2025 10:22	
SBS-2B	L 87264					
6010D	Arsenic	2.56	mg/Kg	0.250	02/13/2025 19:01	
6010D	Barium	16.9	mg/Kg	0.150	02/13/2025 19:01	
6010D	Cadmium	0.0747	mg/Kg	0.0500	02/13/2025 19:01	J
6010D	Chromium	13.2	mg/Kg	0.250	02/13/2025 19:01	
6010D	Lead	4.89	mg/Kg	0.200	02/13/2025 19:01	
6010D	Zinc	16.3	mg/Kg	0.850	02/13/2025 19:01	
7471A	Mercury	0.0602	mg/Kg	0.0211	02/13/2025 14:11	J
8270D SIM	Benzo(a)anthracene	0.00126	mg/Kg	0.000493	02/10/2025 23:57	
8270D SIM	Benzo(a)pyrene	0.00167	mg/Kg	0.000468	02/10/2025 23:57	
8270D SIM	Benzo(b)fluoranthene	0.00174	mg/Kg	0.000585	02/10/2025 23:57	
8270D SIM	Benzo(g,h,i)perylene	0.00185	mg/Kg	0.000639	02/10/2025 23:57	
8270D SIM	Benzo(k)fluoranthene	0.000553	mg/Kg	0.000437	02/10/2025 23:57	J
8270D SIM	Chrysene	0.00156	mg/Kg	0.000624	02/10/2025 23:57	
8270D SIM	Fluoranthene	0.00138	mg/Kg	0.000394	02/10/2025 23:57	
8270D SIM	Indeno(1,2,3-cd)pyrene	0.00221	mg/Kg	0.000627	02/10/2025 23:57	
8270D SIM	Phenanthrene	0.000498	mg/Kg	0.000421	02/10/2025 23:57	J
8270D SIM	Pyrene	0.00112	mg/Kg	0.000643	02/10/2025 23:57	
SW-DRYWT	Moisture	15.6	%	0	02/11/2025 10:22	
SFS-1	L 87265					
6010D	Arsenic	6.17	mg/Kg	0.250	02/13/2025 19:06	
6010D	Barium	30.3	mg/Kg	0.150	02/13/2025 19:06	
6010D	Cadmium	0.390	mg/Kg	0.0500	02/13/2025 19:06	
6010D	Chromium	22.9	mg/Kg	0.250	02/13/2025 19:06	

Summary of Detected Analytes

Project: Kennedy Galvanizing

Report Number: 25-038-0013

Client Sample ID	Lab Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
SFS-1	L 87265					
6010D	Lead	8.50	mg/Kg	0.200	02/13/2025 19:06	
6010D	Zinc	232	mg/Kg	0.850	02/13/2025 19:06	
7471A	Mercury	0.0946	mg/Kg	0.0207	02/13/2025 14:12	J
8260B	Carbon Disulfide	0.0108	mg/Kg	0.0037	02/11/2025 15:31	
8260B	Toluene	0.0021	mg/Kg	0.0010	02/11/2025 15:31	J
SW-DRYWT	Moisture	9.35	%	0	02/11/2025 10:22	
SFS-3	L 87266					
6010D	Arsenic	7.84	mg/Kg	0.250	02/16/2025 02:04	
6010D	Barium	25.4	mg/Kg	0.150	02/16/2025 02:04	
6010D	Cadmium	0.686	mg/Kg	0.0500	02/16/2025 02:04	
6010D	Chromium	25.6	mg/Kg	0.250	02/16/2025 02:04	
6010D	Lead	8.36	mg/Kg	0.200	02/16/2025 02:04	
6010D	Zinc	112	mg/Kg	0.850	02/16/2025 02:04	
7471A	Mercury	0.0471	mg/Kg	0.0209	02/13/2025 14:14	J
8260B	Benzene	0.0012	mg/Kg	0.0009	02/11/2025 16:14	J
8260B	Toluene	0.0029	mg/Kg	0.0010	02/11/2025 16:14	J
8270D SIM	Acenaphthene	0.00263	mg/Kg	0.000304	02/11/2025 15:43	
8270D SIM	Anthracene	0.00761	mg/Kg	0.000334	02/11/2025 15:43	
8270D SIM	Benzo(a)anthracene	0.0317	mg/Kg	0.000493	02/11/2025 15:43	
8270D SIM	Benzo(a)pyrene	0.0313	mg/Kg	0.000468	02/11/2025 15:43	
8270D SIM	Benzo(b)fluoranthene	0.0506	mg/Kg	0.000585	02/11/2025 15:43	
8270D SIM	Benzo(g,h,i)perylene	0.0172	mg/Kg	0.000639	02/11/2025 15:43	
8270D SIM	Benzo(k)fluoranthene	0.0172	mg/Kg	0.000437	02/11/2025 15:43	
8270D SIM	Chrysene	0.0336	mg/Kg	0.000624	02/11/2025 15:43	
8270D SIM	Dibenz(a,h)anthracene	0.00449	mg/Kg	0.000614	02/11/2025 15:43	
8270D SIM	Fluoranthene	0.0787	mg/Kg	0.000394	02/11/2025 15:43	
8270D SIM	Fluorene	0.00377	mg/Kg	0.000286	02/11/2025 15:43	
8270D SIM	Indeno(1,2,3-cd)pyrene	0.0222	mg/Kg	0.000627	02/11/2025 15:43	
8270D SIM	Phenanthrene	0.0492	mg/Kg	0.000421	02/11/2025 15:43	
8270D SIM	Pyrene	0.0575	mg/Kg	0.000643	02/11/2025 15:43	
SW-DRYWT	Moisture	14.6	%	0	02/11/2025 10:22	
SBS-1A	L 87267					
6010D	Arsenic	9.18	mg/Kg	0.250	02/16/2025 02:09	
6010D	Barium	34.7	mg/Kg	0.150	02/16/2025 02:09	
6010D	Cadmium	0.772	mg/Kg	0.0500	02/16/2025 02:09	
6010D	Chromium	35.3	mg/Kg	0.250	02/16/2025 02:09	

Summary of Detected Analytes

Project: Kennedy Galvanizing

Report Number: 25-038-0013

Client Sample ID	Lab Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
SBS-1A	L 87267					
6010D	Lead	10.4	mg/Kg	0.200	02/16/2025 02:09	
6010D	Zinc	28.0	mg/Kg	0.850	02/16/2025 02:09	
7471A	Mercury	0.114	mg/Kg	0.0226	02/13/2025 14:15	J
SW-DRYWT	Moisture	16.1	%	0	02/11/2025 10:22	
SBS-1B	L 87268					
6010D	Arsenic	3.93	mg/Kg	0.250	02/16/2025 02:24	
6010D	Barium	43.9	mg/Kg	0.150	02/16/2025 02:24	
6010D	Cadmium	0.191	mg/Kg	0.0500	02/16/2025 02:24	
6010D	Chromium	16.1	mg/Kg	0.250	02/16/2025 02:24	
6010D	Lead	7.73	mg/Kg	0.200	02/16/2025 02:24	
6010D	Selenium	0.635	mg/Kg	0.350	02/16/2025 02:24	
6010D	Zinc	24.1	mg/Kg	0.850	02/16/2025 02:24	
7471A	Mercury	0.155	mg/Kg	0.0228	02/13/2025 14:16	J
SW-DRYWT	Moisture	14.3	%	0	02/11/2025 10:22	
SFS-2	L 87269					
6010D	Arsenic	7.57	mg/Kg	0.250	02/16/2025 02:30	
6010D	Barium	35.3	mg/Kg	0.150	02/16/2025 02:30	
6010D	Cadmium	0.708	mg/Kg	0.0500	02/16/2025 02:30	
6010D	Chromium	65.4	mg/Kg	0.250	02/16/2025 02:30	
6010D	Lead	9.90	mg/Kg	0.200	02/16/2025 02:30	
6010D	Zinc	49.7	mg/Kg	0.850	02/16/2025 02:30	
7471A	Mercury	0.114	mg/Kg	0.0223	02/13/2025 14:21	J
8270D SIM	Anthracene	0.000582	mg/Kg	0.000334	02/11/2025 16:45	J
8270D SIM	Benzo(a)anthracene	0.00490	mg/Kg	0.000493	02/11/2025 16:45	
8270D SIM	Benzo(a)pyrene	0.00556	mg/Kg	0.000468	02/11/2025 16:45	
8270D SIM	Benzo(b)fluoranthene	0.00916	mg/Kg	0.000585	02/11/2025 16:45	
8270D SIM	Benzo(g,h,i)perylene	0.00314	mg/Kg	0.000639	02/11/2025 16:45	
8270D SIM	Benzo(k)fluoranthene	0.00303	mg/Kg	0.000437	02/11/2025 16:45	
8270D SIM	Chrysene	0.00609	mg/Kg	0.000624	02/11/2025 16:45	
8270D SIM	Fluoranthene	0.0114	mg/Kg	0.000394	02/11/2025 16:45	
8270D SIM	Fluorene	0.000344	mg/Kg	0.000286	02/11/2025 16:45	J
8270D SIM	Indeno(1,2,3-cd)pyrene	0.00468	mg/Kg	0.000627	02/11/2025 16:45	
8270D SIM	Phenanthrene	0.00562	mg/Kg	0.000421	02/11/2025 16:45	
8270D SIM	Pyrene	0.00868	mg/Kg	0.000643	02/11/2025 16:45	
SW-DRYWT	Moisture	15.6	%	0	02/11/2025 10:22	

Summary of Detected Analytes

Project: Kennedy Galvanizing

Report Number: 25-038-0013

Client Sample ID	Lab Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
SBS-5A	L 87270					
6010D	Arsenic	8.24	mg/Kg	0.250	02/16/2025 02:35	
6010D	Barium	37.7	mg/Kg	0.150	02/16/2025 02:35	
6010D	Cadmium	0.739	mg/Kg	0.0500	02/16/2025 02:35	
6010D	Chromium	35.7	mg/Kg	0.250	02/16/2025 02:35	
6010D	Lead	10.5	mg/Kg	0.200	02/16/2025 02:35	
6010D	Zinc	415	mg/Kg	0.850	02/16/2025 02:35	
7471A	Mercury	0.123	mg/Kg	0.0229	02/13/2025 14:22	J
8270D SIM	Benzo(a)anthracene	0.000857	mg/Kg	0.000493	02/11/2025 17:05	
8270D SIM	Benzo(a)pyrene	0.00109	mg/Kg	0.000468	02/11/2025 17:05	
8270D SIM	Benzo(b)fluoranthene	0.00175	mg/Kg	0.000585	02/11/2025 17:05	
8270D SIM	Benzo(g,h,i)perylene	0.000641	mg/Kg	0.000639	02/11/2025 17:05	J
8270D SIM	Fluoranthene	0.00109	mg/Kg	0.000394	02/11/2025 17:05	
8270D SIM	Indeno(1,2,3-cd)pyrene	0.00142	mg/Kg	0.000627	02/11/2025 17:05	
8270D SIM	Pyrene	0.00112	mg/Kg	0.000643	02/11/2025 17:05	
SW-DRYWT	Moisture	11.4	%	0	02/11/2025 10:31	
SBS-5B	L 87271					
6010D	Arsenic	4.02	mg/Kg	0.250	02/16/2025 02:40	
6010D	Barium	29.0	mg/Kg	0.150	02/16/2025 02:40	
6010D	Cadmium	0.174	mg/Kg	0.0500	02/16/2025 02:40	
6010D	Chromium	28.9	mg/Kg	0.250	02/16/2025 02:40	
6010D	Lead	9.18	mg/Kg	0.200	02/16/2025 02:40	
6010D	Selenium	0.610	mg/Kg	0.350	02/16/2025 02:40	
6010D	Zinc	102	mg/Kg	0.850	02/16/2025 02:40	
7471A	Mercury	0.106	mg/Kg	0.0195	02/14/2025 14:16	J
8260B	Acetone	0.0350	mg/Kg	0.0254	02/11/2025 19:48	J
8270D SIM	Benzo(a)anthracene	0.000893	mg/Kg	0.000493	02/11/2025 17:26	
8270D SIM	Benzo(a)pyrene	0.00117	mg/Kg	0.000468	02/11/2025 17:26	
8270D SIM	Benzo(b)fluoranthene	0.00160	mg/Kg	0.000585	02/11/2025 17:26	
8270D SIM	Chrysene	0.000666	mg/Kg	0.000624	02/11/2025 17:26	J
8270D SIM	Fluoranthene	0.00109	mg/Kg	0.000394	02/11/2025 17:26	
8270D SIM	Indeno(1,2,3-cd)pyrene	0.00131	mg/Kg	0.000627	02/11/2025 17:26	
8270D SIM	Pyrene	0.00113	mg/Kg	0.000643	02/11/2025 17:26	
SW-DRYWT	Moisture	14.7	%	0	02/11/2025 10:31	



Client: LaBella Associates
Project: Kennedy Galvanizing
Lab Report Number: 25-038-0013
Date: 2/20/2025

CASE NARRATIVE

Hexavalent Chromium - Solids Method 3060A 7196A

Analyte: Hexavalent Chromium

QC Batch No: L799558

Insoluble Hexavalent Chromium spike recovery outside QC limits. See soluble spike recovery and LCS for system verification.

Metals Analysis Method 6010D

Sample 87262 (SP-1)

Analyte: Silver

QC Batch No: L800115/L799654

This analyte was analyzed at a dilution due to IEC interference/matrix interference.

Sample 87262 (SP-1)

Analyte: Arsenic

QC Batch No: L800115/L799654

This analyte was analyzed at a dilution due to IEC interference/matrix interference.

Sample 87262 (SP-1)

Analyte: Barium

QC Batch No: L800115/L799654

This analyte was analyzed at a dilution due to IEC interference/matrix interference.

Sample 87262 (SP-1)

Analyte: Cadmium

QC Batch No: L800115/L799654

This analyte was analyzed at a dilution due to IEC interference/matrix interference.

Sample 87262 (SP-1)

Analyte: Chromium

QC Batch No: L800115/L799654

This analyte was analyzed at a dilution due to IEC interference/matrix interference.

Sample 87262 (SP-1)

Analyte: Lead

QC Batch No: L800115/L799654

This analyte was analyzed at a dilution due to IEC interference/matrix interference.

Sample 87262 (SP-1)

Analyte: Selenium

QC Batch No: L800115/L799654

This analyte was analyzed at a dilution due to IEC interference/matrix interference.

Sample 87263 (SBS-2A)

Analyte: Selenium

QC Batch No: L800269/L799654

This analyte was analyzed at a dilution due to IEC interference/matrix interference.

Sample 87264 (SBS-2B)

Analyte: Selenium

QC Batch No: L800269/L799654

The matrix spike and/or the matrix spike duplicate was outside quality control acceptance ranges. A post digestion spike was performed and passed quality control acceptance ranges. No matrix interference is suspected.

Sample 87265 (SFS-1)

Analyte: Selenium

QC Batch No: L800269/L799654

This analyte was analyzed at a dilution due to IEC interference/matrix interference.

Sample 87263 (SBS-2A)

Analyte: Selenium

QC Batch No: L800655/L799654

This analyte was analyzed at a dilution due to IEC interference/matrix interference.

Sample 87262 (SP-1)

Analyte: Zinc

QC Batch No: L800115/L799654

This analyte was analyzed at a dilution due to IEC interference/matrix interference.

Sample 87265 (SFS-1)

Analyte: Zinc

QC Batch No: L800115/L799654

The matrix spike and/or the matrix spike duplicate was outside quality control acceptance ranges. A dilution test was performed and passed quality control acceptance ranges. No matrix interference is suspected.

Sample 87688 (Old Dirt Pile)

Analyte: Lead

QC Batch No: L800271/L799982

The matrix spike and/or the matrix spike duplicate was outside quality control acceptance ranges. A dilution test was performed and passed quality control acceptance ranges. No matrix interference is suspected.

Sample 87266 (SFS-3)

Analyte: Selenium

QC Batch No: L800271/L799982

This analyte was analyzed at a dilution due to IEC interference/matrix interference.

Sample 87267 (SBS-1A)

Analyte: Selenium

QC Batch No: L800271/L799982

This analyte was analyzed at a dilution due to IEC interference/matrix interference.

Sample 87269 (SFS-2)

Analyte: Selenium

QC Batch No: L800271/L799982

This analyte was analyzed at a dilution due to IEC interference/matrix interference.

Sample 87688 (Old Dirt Pile)

Analyte: Selenium



QC Batch No: L800271/L799982

The matrix spike and/or the matrix spike duplicate was outside quality control acceptance ranges. A post digestion spike was performed and passed quality control acceptance ranges. No matrix interference is suspected.

Sample 87688 (Old Dirt Pile)

Analyte: Zinc

QC Batch No: L800271/L799982

The matrix spike, matrix spike duplicate and the dilution test were all outside of the quality control acceptance ranges. Matrix interference is suspected.

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87262**

Matrix: **Solids**

Sample ID : **SP-1**

Sampled: **2/5/2025 13:39**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	27.9	%	0	0.050	1	02/11/25 10:22	CAH	SW-DRYWT
Chromium, Hexavalent	<0.500	mg/Kg		0.500	1	02/12/25 11:10	ADT	3060A 7196A
Arsenic	7.80	mg/Kg	1.25	2.50	5	02/15/25 12:43	BKN	6010D
Barium	102	mg/Kg	0.750	2.50	5	02/15/25 12:43	BKN	6010D
Cadmium	1.22	mg/Kg	0.250	0.500	5	02/15/25 12:43	BKN	6010D
Chromium	210	mg/Kg	1.25	1.25	5	02/15/25 12:43	BKN	6010D
Lead	97.2	mg/Kg	1.00	1.50	5	02/15/25 12:43	BKN	6010D
Mercury	0.0363 J	mg/Kg	0.0204	0.169	1	02/13/25 14:08	JTR	7471A
Selenium	<1.75	mg/Kg	1.75	2.50	5	02/15/25 12:43	BKN	6010D
Silver	<1.00	mg/Kg	1.00	1.25	5	02/15/25 12:43	BKN	6010D
Zinc	5620	mg/Kg	4.25	6.25	5	02/15/25 12:43	BKN	6010D

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover, AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87262**

Matrix: **Solids**

Sample ID : **SP-1**

Sampled: **2/5/2025 13:39**

Analytical Method: 8260B

Prep Batch(es): **L799582** 02/11/25 08:47

Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acetone	0.0512	mg/Kg	0.0264	0.0416	1	02/11/25 13:20	ASH	L799700
Acrylonitrile	<0.0091	mg/Kg	0.0091	0.0416	1	02/11/25 13:20	ASH	L799700
Benzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 13:20	ASH	L799700
Bromobenzene	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 13:20	ASH	L799700
Bromodichloromethane	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 13:20	ASH	L799700
Bromoform	<0.0019	mg/Kg	0.0019	0.0020	1	02/11/25 13:20	ASH	L799700
Bromomethane	<0.0014	mg/Kg	0.0014	0.0020	1	02/11/25 13:20	ASH	L799700
2-Butanone (MEK)	<0.0380	mg/Kg	0.0380	0.0416	1	02/11/25 13:20	ASH	L799700
n-Butylbenzene	<0.0019	mg/Kg	0.0019	0.0020	1	02/11/25 13:20	ASH	L799700
sec-Butyl benzene	<0.0014	mg/Kg	0.0014	0.0020	1	02/11/25 13:20	ASH	L799700
tert-Butyl benzene	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 13:20	ASH	L799700
Carbon Disulfide	0.0122	mg/Kg	0.0039	0.0104	1	02/11/25 13:20	ASH	L799700
Carbon Tetrachloride	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 13:20	ASH	L799700
Chlorobenzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 13:20	ASH	L799700
Chlorodibromomethane	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 13:20	ASH	L799700
Chloroethane	<0.0018	mg/Kg	0.0018	0.0020	1	02/11/25 13:20	ASH	L799700
Chloroform	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 13:20	ASH	L799700
Chloromethane	<0.0017	mg/Kg	0.0017	0.0020	1	02/11/25 13:20	ASH	L799700
2-Chlorotoluene	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 13:20	ASH	L799700
4-Chlorotoluene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 13:20	ASH	L799700
Cyclohexane	<0.0089	mg/Kg	0.0089	0.0104	1	02/11/25 13:20	ASH	L799700
Di-Isopropyl Ether (DIPE)	<0.0093	mg/Kg	0.0093	0.0416	1	02/11/25 13:20	ASH	L799700

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover, AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87262**

Matrix: **Solids**

Sample ID : **SP-1**

Sampled: **2/5/2025 13:39**

Analytical Method: 8260B

Prep Batch(es): **L799582** 02/11/25 08:47

Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2-Dibromo-3-Chloropropane	<0.0042	mg/Kg	0.0042	0.0104	1	02/11/25 13:20	ASH	L799700
1,2-Dibromoethane	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 13:20	ASH	L799700
Dibromomethane	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 13:20	ASH	L799700
1,2-Dichlorobenzene	<0.0018	mg/Kg	0.0018	0.0020	1	02/11/25 13:20	ASH	L799700
1,3-Dichlorobenzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 13:20	ASH	L799700
1,4-Dichlorobenzene	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 13:20	ASH	L799700
Dichlorodifluoromethane	<0.0017	mg/Kg	0.0017	0.0020	1	02/11/25 13:20	ASH	L799700
1,1-Dichloroethane	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 13:20	ASH	L799700
1,2-Dichloroethane	<0.0012	mg/Kg	0.0012	0.0020	1	02/11/25 13:20	ASH	L799700
1,1-Dichloroethene	<0.0019	mg/Kg	0.0019	0.0020	1	02/11/25 13:20	ASH	L799700
cis-1,2-Dichloroethene	<0.0012	mg/Kg	0.0012	0.0020	1	02/11/25 13:20	ASH	L799700
trans-1,2-Dichloroethene	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 13:20	ASH	L799700
1,2-Dichloroethene (Total)	<0.0012	mg/Kg	0.0012	0.0020	1	02/11/25 13:20		L799700
1,2-Dichloropropane	<0.0015	mg/Kg	0.0015	0.0020	1	02/11/25 13:20	ASH	L799700
1,3-Dichloropropane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 13:20	ASH	L799700
2,2-Dichloropropane	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 13:20	ASH	L799700
1,1-Dichloropropene	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 13:20	ASH	L799700
cis-1,3-Dichloropropene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 13:20	ASH	L799700
trans-1,3-Dichloropropene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 13:20	ASH	L799700
Ethylbenzene	<0.0012	mg/Kg	0.0012	0.0020	1	02/11/25 13:20	ASH	L799700
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 13:20	ASH	L799700
Hexachlorobutadiene	<0.0020	mg/Kg	0.0020	0.0020	1	02/11/25 13:20	ASH	L799700

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover, AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87262**

Matrix: **Solids**

Sample ID : **SP-1**

Sampled: **2/5/2025 13:39**

Analytical Method: 8260B

Prep Batch(es): **L799582** 02/11/25 08:47

Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
2-Hexanone	<0.0085	mg/Kg	0.0085	0.0104	1	02/11/25 13:20	ASH	L799700
Isopropylbenzene	<0.0015	mg/Kg	0.0015	0.0020	1	02/11/25 13:20	ASH	L799700
4-Isopropyl toluene	<0.0014	mg/Kg	0.0014	0.0020	1	02/11/25 13:20	ASH	L799700
Methyl Acetate	<0.0079	mg/Kg	0.0079	0.0104	1	02/11/25 13:20	ASH	L799700
4-Methyl-2-Pentanone	<0.0081	mg/Kg	0.0081	0.0104	1	02/11/25 13:20	ASH	L799700
Methylcyclohexane	<0.0084	mg/Kg	0.0084	0.0104	1	02/11/25 13:20	ASH	L799700
Methylene Chloride	<0.0099	mg/Kg	0.0099	0.0104	1	02/11/25 13:20	ASH	L799700
Methyl tert-butyl ether (MTBE)	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 13:20	ASH	L799700
n-Propylbenzene	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 13:20	ASH	L799700
Styrene	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 13:20	ASH	L799700
1,1,1,2-Tetrachloroethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 13:20	ASH	L799700
1,1,2,2-Tetrachloroethane	<0.0014	mg/Kg	0.0014	0.0020	1	02/11/25 13:20	ASH	L799700
Tetrachloroethene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 13:20	ASH	L799700
Toluene	<0.0011	mg/Kg	0.0011	0.0041	1	02/11/25 13:20	ASH	L799700
1,2,3-Trichlorobenzene	<0.0024	mg/Kg	0.0024	0.0041	1	02/11/25 13:20	ASH	L799700
1,2,4-Trichlorobenzene	<0.0022	mg/Kg	0.0022	0.0041	1	02/11/25 13:20	ASH	L799700
1,1,1-Trichloroethane	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 13:20	ASH	L799700
1,1,2-Trichloroethane	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 13:20	ASH	L799700
Trichloroethene	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 13:20	ASH	L799700
Trichlorofluoromethane	<0.0018	mg/Kg	0.0018	0.0020	1	02/11/25 13:20	ASH	L799700
1,2,3-Trichloropropane	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 13:20	ASH	L799700
1,2,3-Trimethylbenzene	<0.0020	mg/Kg	0.0020	0.0020	1	02/11/25 13:20	ASH	L799700

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87262**

Matrix: **Solids**

Sample ID : **SP-1**

Sampled: **2/5/2025 13:39**

Analytical Method: 8260B **Prep Batch(es):** **L799582** 02/11/25 08:47
Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2,4-Trimethylbenzene	<0.0020	mg/Kg	0.0020	0.0020	1	02/11/25 13:20	ASH	L799700
1,3,5-Trimethylbenzene	<0.0008	mg/Kg	0.0008	0.0020	1	02/11/25 13:20	ASH	L799700
Vinyl Chloride	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 13:20	ASH	L799700
Xylene (Total)	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 13:20		L799700
Surrogate: 4-Bromofluorobenzene	97.1		Limits: 60-140%		1	02/11/25 13:20	ASH	L799700
Surrogate: 1,2-Dichloroethane - d4	101		Limits: 60-140%		1	02/11/25 13:20	ASH	L799700
Surrogate: Toluene-d8	104		Limits: 60-140%		1	02/11/25 13:20	ASH	L799700

Analytical Method: 8270D SIM **Prep Batch(es):** **L798992** 02/10/25 08:02
Prep Method: 3550B

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	0.417	mg/Kg	0.00304	0.00670	10	02/12/25 01:51	NFP	L799367
Acenaphthylene	0.00575	mg/Kg	0.000270	0.000670	1	02/10/25 23:15	NFP	L799367
Anthracene	0.919	mg/Kg	0.00334	0.00670	10	02/12/25 01:51	NFP	L799367
Benzo(a)anthracene	4.01	mg/Kg	0.00493	0.00670	10	02/12/25 01:51	NFP	L799367
Benzo(a)pyrene	4.25	mg/Kg	0.00468	0.00670	10	02/12/25 01:51	NFP	L799367
Benzo(b)fluoranthene	4.47	mg/Kg	0.00585	0.00670	10	02/12/25 01:51	NFP	L799367
Benzo(g,h,i)perylene	1.65	mg/Kg	0.00639	0.00670	10	02/12/25 01:51	NFP	L799367
Benzo(k)fluoranthene	1.64	mg/Kg	0.00437	0.00670	10	02/12/25 01:51	NFP	L799367
Chrysene	4.83	mg/Kg	0.00624	0.00670	10	02/12/25 01:51	NFP	L799367
Dibenz(a,h)anthracene	0.603	mg/Kg	0.00614	0.00670	10	02/12/25 01:51	NFP	L799367
Fluoranthene	8.40	mg/Kg	0.0394	0.0670	100	02/12/25 01:30	NFP	L799367

Qualifiers/ DF Dilution Factor J Estimated value
Definitions MQL Method Quantitation Limit

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87262**

Matrix: **Solids**

Sample ID : **SP-1**

Sampled: **2/5/2025 13:39**

Analytical Method: 8270D SIM

Prep Batch(es): **L798992** 02/10/25 08:02

Prep Method: 3550B

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Fluorene	0.529	mg/Kg	0.00286	0.00670	10	02/12/25 01:51	NFP	L799367
Indeno(1,2,3-cd)pyrene	2.13	mg/Kg	0.00627	0.00670	10	02/12/25 01:51	NFP	L799367
1-Methylnaphthalene	0.0169	mg/Kg	0.00109	0.00201	1	02/10/25 23:15	NFP	L799367
2-Methylnaphthalene	0.0180	mg/Kg	0.00194	0.00201	1	02/10/25 23:15	NFP	L799367
Naphthalene	0.0142	mg/Kg	0.00145	0.00201	1	02/10/25 23:15	NFP	L799367
Phenanthrene	6.11	mg/Kg	0.0421	0.0670	100	02/12/25 01:30	NFP	L799367
Pyrene	6.26	mg/Kg	0.0643	0.0670	100	02/12/25 01:30	NFP	L799367
Surrogate: 2-Fluorobiphenyl	43.4		Limits: 33-115%		10	02/12/25 01:51	NFP	L799367
Surrogate: Nitrobenzene-d5	47.9		Limits: 29-110%		10	02/12/25 01:51	NFP	L799367
Surrogate: 4-Terphenyl-d14	40.1		Limits: 33-122%		10	02/12/25 01:51	NFP	L799367

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87263**
Sample ID : **SBS-2A**

Matrix: **Solids**
Sampled: **2/5/2025 14:49**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	16.9	%	0	0.050	1	02/11/25 10:22	CAH	SW-DRYWT
Chromium, Hexavalent	<0.500	mg/Kg		0.500	1	02/12/25 11:10	ADT	3060A 7196A
Arsenic	2.83	mg/Kg	0.250	0.500	1	02/13/25 18:56	BKN	6010D
Barium	17.2	mg/Kg	0.150	0.500	1	02/13/25 18:56	BKN	6010D
Cadmium	0.172	mg/Kg	0.0500	0.100	1	02/13/25 18:56	BKN	6010D
Chromium	6.56	mg/Kg	0.250	0.250	1	02/13/25 18:56	BKN	6010D
Lead	2.58	mg/Kg	0.200	0.300	1	02/13/25 18:56	BKN	6010D
Mercury	0.0651 J	mg/Kg	0.0216	0.179	1	02/13/25 14:09	JTR	7471A
Selenium	<3.50	mg/Kg	3.50	5.00	10	02/18/25 16:18	JTR	6010D
Silver	<0.200	mg/Kg	0.200	0.250	1	02/13/25 18:56	BKN	6010D
Zinc	12.8	mg/Kg	0.850	1.25	1	02/13/25 18:56	BKN	6010D

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover, AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87263**
Sample ID : **SBS-2A**

Matrix: **Solids**
Sampled: **2/5/2025 14:49**

Analytical Method: 8260B **Prep Batch(es):** **L799582** 02/11/25 08:47
Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acetone	0.0601	mg/Kg	0.0254	0.0400	1	02/11/25 14:03	ASH	L799700
Acrylonitrile	<0.0087	mg/Kg	0.0087	0.0400	1	02/11/25 14:03	ASH	L799700
Benzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 14:03	ASH	L799700
Bromobenzene	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 14:03	ASH	L799700
Bromodichloromethane	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 14:03	ASH	L799700
Bromoform	<0.0019	mg/Kg	0.0019	0.0020	1	02/11/25 14:03	ASH	L799700
Bromomethane	<0.0014	mg/Kg	0.0014	0.0020	1	02/11/25 14:03	ASH	L799700
2-Butanone (MEK)	<0.0365	mg/Kg	0.0365	0.0400	1	02/11/25 14:03	ASH	L799700
n-Butylbenzene	<0.0018	mg/Kg	0.0018	0.0020	1	02/11/25 14:03	ASH	L799700
sec-Butyl benzene	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 14:03	ASH	L799700
tert-Butyl benzene	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 14:03	ASH	L799700
Carbon Disulfide	<0.0037	mg/Kg	0.0037	0.0100	1	02/11/25 14:03	ASH	L799700
Carbon Tetrachloride	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 14:03	ASH	L799700
Chlorobenzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 14:03	ASH	L799700
Chlorodibromomethane	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 14:03	ASH	L799700
Chloroethane	<0.0017	mg/Kg	0.0017	0.0020	1	02/11/25 14:03	ASH	L799700
Chloroform	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 14:03	ASH	L799700
Chloromethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 14:03	ASH	L799700
2-Chlorotoluene	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 14:03	ASH	L799700
4-Chlorotoluene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 14:03	ASH	L799700
Cyclohexane	<0.0086	mg/Kg	0.0086	0.0100	1	02/11/25 14:03	ASH	L799700
Di-Isopropyl Ether (DIPE)	<0.0090	mg/Kg	0.0090	0.0400	1	02/11/25 14:03	ASH	L799700

Qualifiers/	DF	Dilution Factor	J	Estimated value
Definitions	MQL	Method Quantitation Limit		

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover, AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87263**
Sample ID : **SBS-2A**

Matrix: **Solids**
Sampled: **2/5/2025 14:49**

Analytical Method: 8260B **Prep Batch(es):** L799582 02/11/25 08:47
Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2-Dibromo-3-Chloropropane	<0.0040	mg/Kg	0.0040	0.0100	1	02/11/25 14:03	ASH	L799700
1,2-Dibromoethane	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 14:03	ASH	L799700
Dibromomethane	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 14:03	ASH	L799700
1,2-Dichlorobenzene	<0.0017	mg/Kg	0.0017	0.0020	1	02/11/25 14:03	ASH	L799700
1,3-Dichlorobenzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 14:03	ASH	L799700
1,4-Dichlorobenzene	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 14:03	ASH	L799700
Dichlorodifluoromethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 14:03	ASH	L799700
1,1-Dichloroethane	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 14:03	ASH	L799700
1,2-Dichloroethane	<0.0012	mg/Kg	0.0012	0.0020	1	02/11/25 14:03	ASH	L799700
1,1-Dichloroethene	<0.0018	mg/Kg	0.0018	0.0020	1	02/11/25 14:03	ASH	L799700
cis-1,2-Dichloroethene	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 14:03	ASH	L799700
trans-1,2-Dichloroethene	<0.0012	mg/Kg	0.0012	0.0020	1	02/11/25 14:03	ASH	L799700
1,2-Dichloroethene (Total)	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 14:03		L799700
1,2-Dichloropropane	<0.0014	mg/Kg	0.0014	0.0020	1	02/11/25 14:03	ASH	L799700
1,3-Dichloropropane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 14:03	ASH	L799700
2,2-Dichloropropane	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 14:03	ASH	L799700
1,1-Dichloropropene	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 14:03	ASH	L799700
cis-1,3-Dichloropropene	<0.0008	mg/Kg	0.0008	0.0020	1	02/11/25 14:03	ASH	L799700
trans-1,3-Dichloropropene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 14:03	ASH	L799700
Ethylbenzene	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 14:03	ASH	L799700
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.0006	mg/Kg	0.0006	0.0020	1	02/11/25 14:03	ASH	L799700
Hexachlorobutadiene	<0.0019	mg/Kg	0.0019	0.0020	1	02/11/25 14:03	ASH	L799700

Qualifiers/	DF	Dilution Factor	J	Estimated value
Definitions	MQL	Method Quantitation Limit		

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87263**

Matrix: **Solids**

Sample ID : **SBS-2A**

Sampled: **2/5/2025 14:49**

Analytical Method: 8260B

Prep Batch(es): **L799582** 02/11/25 08:47

Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
2-Hexanone	<0.0081	mg/Kg	0.0081	0.0100	1	02/11/25 14:03	ASH	L799700
Isopropylbenzene	<0.0015	mg/Kg	0.0015	0.0020	1	02/11/25 14:03	ASH	L799700
4-Isopropyl toluene	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 14:03	ASH	L799700
Methyl Acetate	<0.0076	mg/Kg	0.0076	0.0100	1	02/11/25 14:03	ASH	L799700
4-Methyl-2-Pentanone	<0.0078	mg/Kg	0.0078	0.0100	1	02/11/25 14:03	ASH	L799700
Methylcyclohexane	<0.0081	mg/Kg	0.0081	0.0100	1	02/11/25 14:03	ASH	L799700
Methylene Chloride	<0.0095	mg/Kg	0.0095	0.0100	1	02/11/25 14:03	ASH	L799700
Methyl tert-butyl ether (MTBE)	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 14:03	ASH	L799700
n-Propylbenzene	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 14:03	ASH	L799700
Styrene	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 14:03	ASH	L799700
1,1,1,2-Tetrachloroethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 14:03	ASH	L799700
1,1,2,2-Tetrachloroethane	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 14:03	ASH	L799700
Tetrachloroethene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 14:03	ASH	L799700
Toluene	<0.0010	mg/Kg	0.0010	0.0040	1	02/11/25 14:03	ASH	L799700
1,2,3-Trichlorobenzene	<0.0023	mg/Kg	0.0023	0.0040	1	02/11/25 14:03	ASH	L799700
1,2,4-Trichlorobenzene	<0.0021	mg/Kg	0.0021	0.0040	1	02/11/25 14:03	ASH	L799700
1,1,1-Trichloroethane	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 14:03	ASH	L799700
1,1,2-Trichloroethane	<0.0006	mg/Kg	0.0006	0.0020	1	02/11/25 14:03	ASH	L799700
Trichloroethene	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 14:03	ASH	L799700
Trichlorofluoromethane	<0.0017	mg/Kg	0.0017	0.0020	1	02/11/25 14:03	ASH	L799700
1,2,3-Trichloropropane	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 14:03	ASH	L799700
1,2,3-Trimethylbenzene	<0.0020	mg/Kg	0.0020	0.0020	1	02/11/25 14:03	ASH	L799700

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87263**

Matrix: **Solids**

Sample ID : **SBS-2A**

Sampled: **2/5/2025 14:49**

Analytical Method: 8260B

Prep Batch(es): **L799582** 02/11/25 08:47

Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2,4-Trimethylbenzene	<0.0019	mg/Kg	0.0019	0.0020	1	02/11/25 14:03	ASH	L799700
1,3,5-Trimethylbenzene	<0.0008	mg/Kg	0.0008	0.0020	1	02/11/25 14:03	ASH	L799700
Vinyl Chloride	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 14:03	ASH	L799700
Xylene (Total)	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 14:03		L799700
Surrogate: 4-Bromofluorobenzene	98.1		Limits: 60-140%		1	02/11/25 14:03	ASH	L799700
Surrogate: 1,2-Dichloroethane - d4	97.9		Limits: 60-140%		1	02/11/25 14:03	ASH	L799700
Surrogate: Toluene-d8	104		Limits: 60-140%		1	02/11/25 14:03	ASH	L799700

Analytical Method: 8270D SIM

Prep Batch(es): **L798992** 02/10/25 08:02

Prep Method: 3550B

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<0.000304	mg/Kg	0.000304	0.000670	1	02/10/25 23:36	NFP	L799367
Acenaphthylene	<0.000270	mg/Kg	0.000270	0.000670	1	02/10/25 23:36	NFP	L799367
Anthracene	<0.000334	mg/Kg	0.000334	0.000670	1	02/10/25 23:36	NFP	L799367
Benzo(a)anthracene	0.00118	mg/Kg	0.000493	0.000670	1	02/10/25 23:36	NFP	L799367
Benzo(a)pyrene	0.00268	mg/Kg	0.000468	0.000670	1	02/10/25 23:36	NFP	L799367
Benzo(b)fluoranthene	0.00223	mg/Kg	0.000585	0.000670	1	02/10/25 23:36	NFP	L799367
Benzo(g,h,i)perylene	0.00434	mg/Kg	0.000639	0.000670	1	02/10/25 23:36	NFP	L799367
Benzo(k)fluoranthene	0.000764	mg/Kg	0.000437	0.000670	1	02/10/25 23:36	NFP	L799367
Chrysene	0.00143	mg/Kg	0.000624	0.000670	1	02/10/25 23:36	NFP	L799367
Dibenz(a,h)anthracene	0.000796	mg/Kg	0.000614	0.000670	1	02/10/25 23:36	NFP	L799367
Fluoranthene	0.00144	mg/Kg	0.000394	0.000670	1	02/10/25 23:36	NFP	L799367

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87263**

Matrix: **Solids**

Sample ID : **SBS-2A**

Sampled: **2/5/2025 14:49**

Analytical Method: 8270D SIM

Prep Batch(es): **L798992** 02/10/25 08:02

Prep Method: 3550B

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Fluorene	<0.000286	mg/Kg	0.000286	0.000670	1	02/10/25 23:36	NFP	L799367
Indeno(1,2,3-cd)pyrene	0.00492	mg/Kg	0.000627	0.000670	1	02/10/25 23:36	NFP	L799367
1-Methylnaphthalene	<0.00109	mg/Kg	0.00109	0.00201	1	02/10/25 23:36	NFP	L799367
2-Methylnaphthalene	<0.00194	mg/Kg	0.00194	0.00201	1	02/10/25 23:36	NFP	L799367
Naphthalene	<0.00145	mg/Kg	0.00145	0.00201	1	02/10/25 23:36	NFP	L799367
Phenanthrene	<0.000421	mg/Kg	0.000421	0.000670	1	02/10/25 23:36	NFP	L799367
Pyrene	0.00130	mg/Kg	0.000643	0.000670	1	02/10/25 23:36	NFP	L799367
Surrogate: 2-Fluorobiphenyl	54.9		Limits: 33-115%		1	02/10/25 23:36	NFP	L799367
Surrogate: Nitrobenzene-d5	64.6		Limits: 29-110%		1	02/10/25 23:36	NFP	L799367
Surrogate: 4-Terphenyl-d14	63.7		Limits: 33-122%		1	02/10/25 23:36	NFP	L799367

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

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Mr. David Wall
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Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87264**
Sample ID : **SBS-2B**

Matrix: **Solids**
Sampled: **2/5/2025 15:05**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	15.6	%	0	0.050	1	02/11/25 10:22	CAH	SW-DRYWT
Chromium, Hexavalent	<0.500	mg/Kg		0.500	1	02/12/25 11:10	ADT	3060A 7196A
Arsenic	2.56	mg/Kg	0.250	0.500	1	02/13/25 19:01	BKN	6010D
Barium	16.9	mg/Kg	0.150	0.500	1	02/13/25 19:01	BKN	6010D
Cadmium	0.0747 J	mg/Kg	0.0500	0.100	1	02/13/25 19:01	BKN	6010D
Chromium	13.2	mg/Kg	0.250	0.250	1	02/13/25 19:01	BKN	6010D
Lead	4.89	mg/Kg	0.200	0.300	1	02/13/25 19:01	BKN	6010D
Mercury	0.0602 J	mg/Kg	0.0211	0.175	1	02/13/25 14:11	JTR	7471A
Selenium	<0.350	mg/Kg	0.350	0.500	1	02/15/25 13:04	BKN	6010D
Silver	<0.200	mg/Kg	0.200	0.250	1	02/13/25 19:01	BKN	6010D
Zinc	16.3	mg/Kg	0.850	1.25	1	02/13/25 19:01	BKN	6010D

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

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Mr. David Wall
528 Mineral Trace
Hoover, AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87264**
Sample ID : **SBS-2B**

Matrix: **Solids**
Sampled: **2/5/2025 15:05**

Analytical Method: 8260B **Prep Batch(es):** **L799582** 02/11/25 08:47
Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acetone	<0.0254	mg/Kg	0.0254	0.0400	1	02/11/25 14:47	ASH	L799700
Acrylonitrile	<0.0087	mg/Kg	0.0087	0.0400	1	02/11/25 14:47	ASH	L799700
Benzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 14:47	ASH	L799700
Bromobenzene	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 14:47	ASH	L799700
Bromodichloromethane	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 14:47	ASH	L799700
Bromoform	<0.0019	mg/Kg	0.0019	0.0020	1	02/11/25 14:47	ASH	L799700
Bromomethane	<0.0014	mg/Kg	0.0014	0.0020	1	02/11/25 14:47	ASH	L799700
2-Butanone (MEK)	<0.0365	mg/Kg	0.0365	0.0400	1	02/11/25 14:47	ASH	L799700
n-Butylbenzene	<0.0018	mg/Kg	0.0018	0.0020	1	02/11/25 14:47	ASH	L799700
sec-Butyl benzene	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 14:47	ASH	L799700
tert-Butyl benzene	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 14:47	ASH	L799700
Carbon Disulfide	<0.0037	mg/Kg	0.0037	0.0100	1	02/11/25 14:47	ASH	L799700
Carbon Tetrachloride	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 14:47	ASH	L799700
Chlorobenzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 14:47	ASH	L799700
Chlorodibromomethane	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 14:47	ASH	L799700
Chloroethane	<0.0017	mg/Kg	0.0017	0.0020	1	02/11/25 14:47	ASH	L799700
Chloroform	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 14:47	ASH	L799700
Chloromethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 14:47	ASH	L799700
2-Chlorotoluene	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 14:47	ASH	L799700
4-Chlorotoluene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 14:47	ASH	L799700
Cyclohexane	<0.0086	mg/Kg	0.0086	0.0100	1	02/11/25 14:47	ASH	L799700
Di-Isopropyl Ether (DIPE)	<0.0090	mg/Kg	0.0090	0.0400	1	02/11/25 14:47	ASH	L799700

Qualifiers/	DF	Dilution Factor	J	Estimated value
Definitions	MQL	Method Quantitation Limit		

05143

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528 Mineral Trace
Hoover, AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87264**
Sample ID : **SBS-2B**

Matrix: **Solids**
Sampled: **2/5/2025 15:05**

Analytical Method: 8260B **Prep Batch(es):** **L799582** 02/11/25 08:47
Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2-Dibromo-3-Chloropropane	<0.0040	mg/Kg	0.0040	0.0100	1	02/11/25 14:47	ASH	L799700
1,2-Dibromoethane	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 14:47	ASH	L799700
Dibromomethane	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 14:47	ASH	L799700
1,2-Dichlorobenzene	<0.0017	mg/Kg	0.0017	0.0020	1	02/11/25 14:47	ASH	L799700
1,3-Dichlorobenzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 14:47	ASH	L799700
1,4-Dichlorobenzene	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 14:47	ASH	L799700
Dichlorodifluoromethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 14:47	ASH	L799700
1,1-Dichloroethane	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 14:47	ASH	L799700
1,2-Dichloroethane	<0.0012	mg/Kg	0.0012	0.0020	1	02/11/25 14:47	ASH	L799700
1,1-Dichloroethene	<0.0018	mg/Kg	0.0018	0.0020	1	02/11/25 14:47	ASH	L799700
cis-1,2-Dichloroethene	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 14:47	ASH	L799700
trans-1,2-Dichloroethene	<0.0012	mg/Kg	0.0012	0.0020	1	02/11/25 14:47	ASH	L799700
1,2-Dichloroethene (Total)	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 14:47		L799700
1,2-Dichloropropane	<0.0014	mg/Kg	0.0014	0.0020	1	02/11/25 14:47	ASH	L799700
1,3-Dichloropropane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 14:47	ASH	L799700
2,2-Dichloropropane	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 14:47	ASH	L799700
1,1-Dichloropropene	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 14:47	ASH	L799700
cis-1,3-Dichloropropene	<0.0008	mg/Kg	0.0008	0.0020	1	02/11/25 14:47	ASH	L799700
trans-1,3-Dichloropropene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 14:47	ASH	L799700
Ethylbenzene	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 14:47	ASH	L799700
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.0006	mg/Kg	0.0006	0.0020	1	02/11/25 14:47	ASH	L799700
Hexachlorobutadiene	<0.0019	mg/Kg	0.0019	0.0020	1	02/11/25 14:47	ASH	L799700

Qualifiers/	DF	Dilution Factor	J	Estimated value
Definitions	MQL	Method Quantitation Limit		

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover, AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87264**
Sample ID : **SBS-2B**

Matrix: **Solids**
Sampled: **2/5/2025 15:05**

Analytical Method: 8260B **Prep Batch(es):** **L799582** 02/11/25 08:47
Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
2-Hexanone	<0.0081	mg/Kg	0.0081	0.0100	1	02/11/25 14:47	ASH	L799700
Isopropylbenzene	<0.0015	mg/Kg	0.0015	0.0020	1	02/11/25 14:47	ASH	L799700
4-Isopropyl toluene	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 14:47	ASH	L799700
Methyl Acetate	<0.0076	mg/Kg	0.0076	0.0100	1	02/11/25 14:47	ASH	L799700
4-Methyl-2-Pentanone	<0.0078	mg/Kg	0.0078	0.0100	1	02/11/25 14:47	ASH	L799700
Methylcyclohexane	<0.0081	mg/Kg	0.0081	0.0100	1	02/11/25 14:47	ASH	L799700
Methylene Chloride	<0.0095	mg/Kg	0.0095	0.0100	1	02/11/25 14:47	ASH	L799700
Methyl tert-butyl ether (MTBE)	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 14:47	ASH	L799700
n-Propylbenzene	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 14:47	ASH	L799700
Styrene	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 14:47	ASH	L799700
1,1,1,2-Tetrachloroethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 14:47	ASH	L799700
1,1,2,2-Tetrachloroethane	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 14:47	ASH	L799700
Tetrachloroethene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 14:47	ASH	L799700
Toluene	<0.0010	mg/Kg	0.0010	0.0040	1	02/11/25 14:47	ASH	L799700
1,2,3-Trichlorobenzene	<0.0023	mg/Kg	0.0023	0.0040	1	02/11/25 14:47	ASH	L799700
1,2,4-Trichlorobenzene	<0.0021	mg/Kg	0.0021	0.0040	1	02/11/25 14:47	ASH	L799700
1,1,1-Trichloroethane	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 14:47	ASH	L799700
1,1,2-Trichloroethane	<0.0006	mg/Kg	0.0006	0.0020	1	02/11/25 14:47	ASH	L799700
Trichloroethene	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 14:47	ASH	L799700
Trichlorofluoromethane	<0.0017	mg/Kg	0.0017	0.0020	1	02/11/25 14:47	ASH	L799700
1,2,3-Trichloropropane	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 14:47	ASH	L799700
1,2,3-Trimethylbenzene	<0.0020	mg/Kg	0.0020	0.0020	1	02/11/25 14:47	ASH	L799700

Qualifiers/	DF	Dilution Factor	J	Estimated value
Definitions	MQL	Method Quantitation Limit		

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover, AL 35244

Project Kennedy Galvanizing
Information: Hanceville, AL
Project #2251182

Report Date: 02/20/2025
Received: 02/07/2025

Rebekah Ross

Report Number: **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No: **87264**

Matrix: **Solids**

Sample ID: **SBS-2B**

Sampled: **2/5/2025 15:05**

Analytical Method: 8260B

Prep Batch(es): **L799582** 02/11/25 08:47

Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2,4-Trimethylbenzene	<0.0019	mg/Kg	0.0019	0.0020	1	02/11/25 14:47	ASH	L799700
1,3,5-Trimethylbenzene	<0.0008	mg/Kg	0.0008	0.0020	1	02/11/25 14:47	ASH	L799700
Vinyl Chloride	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 14:47	ASH	L799700
Xylene (Total)	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 14:47		L799700
Surrogate: 4-Bromofluorobenzene	96.0		Limits: 60-140%		1	02/11/25 14:47	ASH	L799700
Surrogate: 1,2-Dichloroethane - d4	88.8		Limits: 60-140%		1	02/11/25 14:47	ASH	L799700
Surrogate: Toluene-d8	104		Limits: 60-140%		1	02/11/25 14:47	ASH	L799700

Analytical Method: 8270D SIM

Prep Batch(es): **L798992** 02/10/25 08:02

Prep Method: 3550B

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<0.000304	mg/Kg	0.000304	0.000670	1	02/10/25 23:57	NFP	L799367
Acenaphthylene	<0.000270	mg/Kg	0.000270	0.000670	1	02/10/25 23:57	NFP	L799367
Anthracene	<0.000334	mg/Kg	0.000334	0.000670	1	02/10/25 23:57	NFP	L799367
Benzo(a)anthracene	0.00126	mg/Kg	0.000493	0.000670	1	02/10/25 23:57	NFP	L799367
Benzo(a)pyrene	0.00167	mg/Kg	0.000468	0.000670	1	02/10/25 23:57	NFP	L799367
Benzo(b)fluoranthene	0.00174	mg/Kg	0.000585	0.000670	1	02/10/25 23:57	NFP	L799367
Benzo(g,h,i)perylene	0.00185	mg/Kg	0.000639	0.000670	1	02/10/25 23:57	NFP	L799367
Benzo(k)fluoranthene	0.000553 J	mg/Kg	0.000437	0.000670	1	02/10/25 23:57	NFP	L799367
Chrysene	0.00156	mg/Kg	0.000624	0.000670	1	02/10/25 23:57	NFP	L799367
Dibenz(a,h)anthracene	<0.000614	mg/Kg	0.000614	0.000670	1	02/10/25 23:57	NFP	L799367
Fluoranthene	0.00138	mg/Kg	0.000394	0.000670	1	02/10/25 23:57	NFP	L799367

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
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Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87264**
Sample ID : **SBS-2B**

Matrix: **Solids**
Sampled: **2/5/2025 15:05**

Analytical Method: 8270D SIM
Prep Method: 3550B

Prep Batch(es): **L798992** 02/10/25 08:02

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Fluorene	<0.000286	mg/Kg	0.000286	0.000670	1	02/10/25 23:57	NFP	L799367
Indeno(1,2,3-cd)pyrene	0.00221	mg/Kg	0.000627	0.000670	1	02/10/25 23:57	NFP	L799367
1-Methylnaphthalene	<0.00109	mg/Kg	0.00109	0.00201	1	02/10/25 23:57	NFP	L799367
2-Methylnaphthalene	<0.00194	mg/Kg	0.00194	0.00201	1	02/10/25 23:57	NFP	L799367
Naphthalene	<0.00145	mg/Kg	0.00145	0.00201	1	02/10/25 23:57	NFP	L799367
Phenanthrene	0.000498 J	mg/Kg	0.000421	0.000670	1	02/10/25 23:57	NFP	L799367
Pyrene	0.00112	mg/Kg	0.000643	0.000670	1	02/10/25 23:57	NFP	L799367
Surrogate: 2-Fluorobiphenyl	50.5		Limits: 33-115%		1	02/10/25 23:57	NFP	L799367
Surrogate: Nitrobenzene-d5	57.8		Limits: 29-110%		1	02/10/25 23:57	NFP	L799367
Surrogate: 4-Terphenyl-d14	57.8		Limits: 33-122%		1	02/10/25 23:57	NFP	L799367

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

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Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87265**

Matrix: **Solids**

Sample ID : **SFS-1**

Sampled: **2/5/2025 15:28**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	9.35	%	0	0.050	1	02/11/25 10:22	CAH	SW-DRYWT
Chromium, Hexavalent	<0.500	mg/Kg		0.500	1	02/12/25 11:10	ADT	3060A 7196A
Arsenic	6.17	mg/Kg	0.250	0.500	1	02/13/25 19:06	BKN	6010D
Barium	30.3	mg/Kg	0.150	0.500	1	02/13/25 19:06	BKN	6010D
Cadmium	0.390	mg/Kg	0.0500	0.100	1	02/13/25 19:06	BKN	6010D
Chromium	22.9	mg/Kg	0.250	0.250	1	02/13/25 19:06	BKN	6010D
Lead	8.50	mg/Kg	0.200	0.300	1	02/13/25 19:06	BKN	6010D
Mercury	0.0946 J	mg/Kg	0.0207	0.172	1	02/13/25 14:12	JTR	7471A
Selenium	<1.75	mg/Kg	1.75	2.50	5	02/15/25 13:30	BKN	6010D
Silver	<0.200	mg/Kg	0.200	0.250	1	02/13/25 19:06	BKN	6010D
Zinc	232	mg/Kg	0.850	1.25	1	02/13/25 19:06	BKN	6010D

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

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528 Mineral Trace
Hoover, AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87265**

Matrix: **Solids**

Sample ID : **SFS-1**

Sampled: **2/5/2025 15:28**

Analytical Method: 8260B

Prep Batch(es): **L799582** 02/11/25 08:47

Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acetone	<0.0254	mg/Kg	0.0254	0.0400	1	02/11/25 15:31	ASH	L799700
Acrylonitrile	<0.0087	mg/Kg	0.0087	0.0400	1	02/11/25 15:31	ASH	L799700
Benzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 15:31	ASH	L799700
Bromobenzene	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 15:31	ASH	L799700
Bromodichloromethane	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 15:31	ASH	L799700
Bromoform	<0.0019	mg/Kg	0.0019	0.0020	1	02/11/25 15:31	ASH	L799700
Bromomethane	<0.0014	mg/Kg	0.0014	0.0020	1	02/11/25 15:31	ASH	L799700
2-Butanone (MEK)	<0.0365	mg/Kg	0.0365	0.0400	1	02/11/25 15:31	ASH	L799700
n-Butylbenzene	<0.0018	mg/Kg	0.0018	0.0020	1	02/11/25 15:31	ASH	L799700
sec-Butyl benzene	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 15:31	ASH	L799700
tert-Butyl benzene	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 15:31	ASH	L799700
Carbon Disulfide	0.0108	mg/Kg	0.0037	0.0100	1	02/11/25 15:31	ASH	L799700
Carbon Tetrachloride	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 15:31	ASH	L799700
Chlorobenzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 15:31	ASH	L799700
Chlorodibromomethane	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 15:31	ASH	L799700
Chloroethane	<0.0017	mg/Kg	0.0017	0.0020	1	02/11/25 15:31	ASH	L799700
Chloroform	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 15:31	ASH	L799700
Chloromethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 15:31	ASH	L799700
2-Chlorotoluene	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 15:31	ASH	L799700
4-Chlorotoluene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 15:31	ASH	L799700
Cyclohexane	<0.0086	mg/Kg	0.0086	0.0100	1	02/11/25 15:31	ASH	L799700
Di-Isopropyl Ether (DIPE)	<0.0090	mg/Kg	0.0090	0.0400	1	02/11/25 15:31	ASH	L799700

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

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Mr. David Wall
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Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87265**

Matrix: **Solids**

Sample ID : **SFS-1**

Sampled: **2/5/2025 15:28**

Analytical Method: 8260B

Prep Batch(es): **L799582** 02/11/25 08:47

Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2-Dibromo-3-Chloropropane	<0.0040	mg/Kg	0.0040	0.0100	1	02/11/25 15:31	ASH	L799700
1,2-Dibromoethane	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 15:31	ASH	L799700
Dibromomethane	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 15:31	ASH	L799700
1,2-Dichlorobenzene	<0.0017	mg/Kg	0.0017	0.0020	1	02/11/25 15:31	ASH	L799700
1,3-Dichlorobenzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 15:31	ASH	L799700
1,4-Dichlorobenzene	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 15:31	ASH	L799700
Dichlorodifluoromethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 15:31	ASH	L799700
1,1-Dichloroethane	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 15:31	ASH	L799700
1,2-Dichloroethane	<0.0012	mg/Kg	0.0012	0.0020	1	02/11/25 15:31	ASH	L799700
1,1-Dichloroethene	<0.0018	mg/Kg	0.0018	0.0020	1	02/11/25 15:31	ASH	L799700
cis-1,2-Dichloroethene	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 15:31	ASH	L799700
trans-1,2-Dichloroethene	<0.0012	mg/Kg	0.0012	0.0020	1	02/11/25 15:31	ASH	L799700
1,2-Dichloroethene (Total)	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 15:31		L799700
1,2-Dichloropropane	<0.0014	mg/Kg	0.0014	0.0020	1	02/11/25 15:31	ASH	L799700
1,3-Dichloropropane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 15:31	ASH	L799700
2,2-Dichloropropane	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 15:31	ASH	L799700
1,1-Dichloropropene	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 15:31	ASH	L799700
cis-1,3-Dichloropropene	<0.0008	mg/Kg	0.0008	0.0020	1	02/11/25 15:31	ASH	L799700
trans-1,3-Dichloropropene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 15:31	ASH	L799700
Ethylbenzene	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 15:31	ASH	L799700
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.0006	mg/Kg	0.0006	0.0020	1	02/11/25 15:31	ASH	L799700
Hexachlorobutadiene	<0.0019	mg/Kg	0.0019	0.0020	1	02/11/25 15:31	ASH	L799700

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
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Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87265**

Matrix: **Solids**

Sample ID : **SFS-1**

Sampled: **2/5/2025 15:28**

Analytical Method: 8260B

Prep Batch(es): **L799582** 02/11/25 08:47

Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
2-Hexanone	<0.0081	mg/Kg	0.0081	0.0100	1	02/11/25 15:31	ASH	L799700
Isopropylbenzene	<0.0015	mg/Kg	0.0015	0.0020	1	02/11/25 15:31	ASH	L799700
4-Isopropyl toluene	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 15:31	ASH	L799700
Methyl Acetate	<0.0076	mg/Kg	0.0076	0.0100	1	02/11/25 15:31	ASH	L799700
4-Methyl-2-Pentanone	<0.0078	mg/Kg	0.0078	0.0100	1	02/11/25 15:31	ASH	L799700
Methylcyclohexane	<0.0081	mg/Kg	0.0081	0.0100	1	02/11/25 15:31	ASH	L799700
Methylene Chloride	<0.0095	mg/Kg	0.0095	0.0100	1	02/11/25 15:31	ASH	L799700
Methyl tert-butyl ether (MTBE)	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 15:31	ASH	L799700
n-Propylbenzene	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 15:31	ASH	L799700
Styrene	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 15:31	ASH	L799700
1,1,1,2-Tetrachloroethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 15:31	ASH	L799700
1,1,2,2-Tetrachloroethane	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 15:31	ASH	L799700
Tetrachloroethene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 15:31	ASH	L799700
Toluene	0.0021 J	mg/Kg	0.0010	0.0040	1	02/11/25 15:31	ASH	L799700
1,2,3-Trichlorobenzene	<0.0023	mg/Kg	0.0023	0.0040	1	02/11/25 15:31	ASH	L799700
1,2,4-Trichlorobenzene	<0.0021	mg/Kg	0.0021	0.0040	1	02/11/25 15:31	ASH	L799700
1,1,1-Trichloroethane	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 15:31	ASH	L799700
1,1,2-Trichloroethane	<0.0006	mg/Kg	0.0006	0.0020	1	02/11/25 15:31	ASH	L799700
Trichloroethene	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 15:31	ASH	L799700
Trichlorofluoromethane	<0.0017	mg/Kg	0.0017	0.0020	1	02/11/25 15:31	ASH	L799700
1,2,3-Trichloropropane	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 15:31	ASH	L799700
1,2,3-Trimethylbenzene	<0.0020	mg/Kg	0.0020	0.0020	1	02/11/25 15:31	ASH	L799700

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover, AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87265**

Matrix: **Solids**

Sample ID : **SFS-1**

Sampled: **2/5/2025 15:28**

Analytical Method: 8260B **Prep Batch(es):** **L799582** 02/11/25 08:47
Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2,4-Trimethylbenzene	<0.0019	mg/Kg	0.0019	0.0020	1	02/11/25 15:31	ASH	L799700
1,3,5-Trimethylbenzene	<0.0008	mg/Kg	0.0008	0.0020	1	02/11/25 15:31	ASH	L799700
Vinyl Chloride	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 15:31	ASH	L799700
Xylene (Total)	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 15:31		L799700
Surrogate: 4-Bromofluorobenzene	97.6		Limits: 60-140%		1	02/11/25 15:31	ASH	L799700
Surrogate: 1,2-Dichloroethane - d4	93.3		Limits: 60-140%		1	02/11/25 15:31	ASH	L799700
Surrogate: Toluene-d8	105		Limits: 60-140%		1	02/11/25 15:31	ASH	L799700

Analytical Method: 8270D SIM **Prep Batch(es):** **L799102** 02/10/25 11:37
Prep Method: 3550B

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<0.000415	mg/Kg	0.000415	0.000914	1	02/11/25 15:22	NFP	L799622
Acenaphthylene	<0.000368	mg/Kg	0.000368	0.000914	1	02/11/25 15:22	NFP	L799622
Anthracene	<0.000456	mg/Kg	0.000456	0.000914	1	02/11/25 15:22	NFP	L799622
Benzo(a)anthracene	<0.000673	mg/Kg	0.000673	0.000914	1	02/11/25 15:22	NFP	L799622
Benzo(a)pyrene	<0.000638	mg/Kg	0.000638	0.000914	1	02/11/25 15:22	NFP	L799622
Benzo(b)fluoranthene	<0.000798	mg/Kg	0.000798	0.000914	1	02/11/25 15:22	NFP	L799622
Benzo(g,h,i)perylene	<0.000872	mg/Kg	0.000872	0.000914	1	02/11/25 15:22	NFP	L799622
Benzo(k)fluoranthene	<0.000596	mg/Kg	0.000596	0.000914	1	02/11/25 15:22	NFP	L799622
Chrysene	<0.000851	mg/Kg	0.000851	0.000914	1	02/11/25 15:22	NFP	L799622
Dibenz(a,h)anthracene	<0.000838	mg/Kg	0.000838	0.000914	1	02/11/25 15:22	NFP	L799622
Fluoranthene	<0.000537	mg/Kg	0.000537	0.000914	1	02/11/25 15:22	NFP	L799622

Qualifiers/ DF Dilution Factor J Estimated value
Definitions MQL Method Quantitation Limit

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87265**

Matrix: **Solids**

Sample ID : **SFS-1**

Sampled: **2/5/2025 15:28**

Analytical Method: 8270D SIM

Prep Batch(es): **L799102** 02/10/25 11:37

Prep Method: 3550B

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Fluorene	<0.000390	mg/Kg	0.000390	0.000914	1	02/11/25 15:22	NFP	L799622
Indeno(1,2,3-cd)pyrene	<0.000855	mg/Kg	0.000855	0.000914	1	02/11/25 15:22	NFP	L799622
1-Methylnaphthalene	<0.00149	mg/Kg	0.00149	0.00274	1	02/11/25 15:22	NFP	L799622
2-Methylnaphthalene	<0.00264	mg/Kg	0.00264	0.00274	1	02/11/25 15:22	NFP	L799622
Naphthalene	<0.00198	mg/Kg	0.00198	0.00274	1	02/11/25 15:22	NFP	L799622
Phenanthrene	<0.000574	mg/Kg	0.000574	0.000914	1	02/11/25 15:22	NFP	L799622
Pyrene	<0.000877	mg/Kg	0.000877	0.000914	1	02/11/25 15:22	NFP	L799622
Surrogate: 2-Fluorobiphenyl	43.1		Limits: 33-115%		1	02/11/25 15:22	NFP	L799622
Surrogate: Nitrobenzene-d5	56.9		Limits: 29-110%		1	02/11/25 15:22	NFP	L799622
Surrogate: 4-Terphenyl-d14	69.2		Limits: 33-122%		1	02/11/25 15:22	NFP	L799622

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87266**

Matrix: **Solids**

Sample ID : **SFS-3**

Sampled: **2/5/2025 15:42**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	14.6	%	0	0.050	1	02/11/25 10:22	CAH	SW-DRYWT
Chromium, Hexavalent	<0.500	mg/Kg		0.500	1	02/12/25 11:10	ADT	3060A 7196A
Arsenic	7.84	mg/Kg	0.250	0.500	1	02/16/25 02:04	BKN	6010D
Barium	25.4	mg/Kg	0.150	0.500	1	02/16/25 02:04	BKN	6010D
Cadmium	0.686	mg/Kg	0.0500	0.100	1	02/16/25 02:04	BKN	6010D
Chromium	25.6	mg/Kg	0.250	0.250	1	02/16/25 02:04	BKN	6010D
Lead	8.36	mg/Kg	0.200	0.300	1	02/16/25 02:04	BKN	6010D
Mercury	0.0471 J	mg/Kg	0.0209	0.173	1	02/13/25 14:14	JTR	7471A
Selenium	<1.75	mg/Kg	1.75	2.50	5	02/18/25 00:58	JTR	6010D
Silver	<0.200	mg/Kg	0.200	0.250	1	02/16/25 02:04	BKN	6010D
Zinc	112	mg/Kg	0.850	1.25	1	02/16/25 02:04	BKN	6010D

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

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528 Mineral Trace
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Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87266**

Matrix: **Solids**

Sample ID : **SFS-3**

Sampled: **2/5/2025 15:42**

Analytical Method: 8260B

Prep Batch(es): **L799582** 02/11/25 08:47

Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acetone	<0.0254	mg/Kg	0.0254	0.0400	1	02/11/25 16:14	ASH	L799700
Acrylonitrile	<0.0087	mg/Kg	0.0087	0.0400	1	02/11/25 16:14	ASH	L799700
Benzene	0.0012 J	mg/Kg	0.0009	0.0020	1	02/11/25 16:14	ASH	L799700
Bromobenzene	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 16:14	ASH	L799700
Bromodichloromethane	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 16:14	ASH	L799700
Bromoform	<0.0019	mg/Kg	0.0019	0.0020	1	02/11/25 16:14	ASH	L799700
Bromomethane	<0.0014	mg/Kg	0.0014	0.0020	1	02/11/25 16:14	ASH	L799700
2-Butanone (MEK)	<0.0365	mg/Kg	0.0365	0.0400	1	02/11/25 16:14	ASH	L799700
n-Butylbenzene	<0.0018	mg/Kg	0.0018	0.0020	1	02/11/25 16:14	ASH	L799700
sec-Butyl benzene	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 16:14	ASH	L799700
tert-Butyl benzene	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 16:14	ASH	L799700
Carbon Disulfide	<0.0037	mg/Kg	0.0037	0.0100	1	02/11/25 16:14	ASH	L799700
Carbon Tetrachloride	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 16:14	ASH	L799700
Chlorobenzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 16:14	ASH	L799700
Chlorodibromomethane	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 16:14	ASH	L799700
Chloroethane	<0.0017	mg/Kg	0.0017	0.0020	1	02/11/25 16:14	ASH	L799700
Chloroform	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 16:14	ASH	L799700
Chloromethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 16:14	ASH	L799700
2-Chlorotoluene	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 16:14	ASH	L799700
4-Chlorotoluene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 16:14	ASH	L799700
Cyclohexane	<0.0086	mg/Kg	0.0086	0.0100	1	02/11/25 16:14	ASH	L799700
Di-Isopropyl Ether (DIPE)	<0.0090	mg/Kg	0.0090	0.0400	1	02/11/25 16:14	ASH	L799700

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

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Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87266**

Matrix: **Solids**

Sample ID : **SFS-3**

Sampled: **2/5/2025 15:42**

Analytical Method: 8260B

Prep Batch(es): **L799582** 02/11/25 08:47

Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2-Dibromo-3-Chloropropane	<0.0040	mg/Kg	0.0040	0.0100	1	02/11/25 16:14	ASH	L799700
1,2-Dibromoethane	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 16:14	ASH	L799700
Dibromomethane	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 16:14	ASH	L799700
1,2-Dichlorobenzene	<0.0017	mg/Kg	0.0017	0.0020	1	02/11/25 16:14	ASH	L799700
1,3-Dichlorobenzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 16:14	ASH	L799700
1,4-Dichlorobenzene	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 16:14	ASH	L799700
Dichlorodifluoromethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 16:14	ASH	L799700
1,1-Dichloroethane	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 16:14	ASH	L799700
1,2-Dichloroethane	<0.0012	mg/Kg	0.0012	0.0020	1	02/11/25 16:14	ASH	L799700
1,1-Dichloroethene	<0.0018	mg/Kg	0.0018	0.0020	1	02/11/25 16:14	ASH	L799700
cis-1,2-Dichloroethene	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 16:14	ASH	L799700
trans-1,2-Dichloroethene	<0.0012	mg/Kg	0.0012	0.0020	1	02/11/25 16:14	ASH	L799700
1,2-Dichloroethene (Total)	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 16:14		L799700
1,2-Dichloropropane	<0.0014	mg/Kg	0.0014	0.0020	1	02/11/25 16:14	ASH	L799700
1,3-Dichloropropane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 16:14	ASH	L799700
2,2-Dichloropropane	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 16:14	ASH	L799700
1,1-Dichloropropene	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 16:14	ASH	L799700
cis-1,3-Dichloropropene	<0.0008	mg/Kg	0.0008	0.0020	1	02/11/25 16:14	ASH	L799700
trans-1,3-Dichloropropene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 16:14	ASH	L799700
Ethylbenzene	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 16:14	ASH	L799700
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.0006	mg/Kg	0.0006	0.0020	1	02/11/25 16:14	ASH	L799700
Hexachlorobutadiene	<0.0019	mg/Kg	0.0019	0.0020	1	02/11/25 16:14	ASH	L799700

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87266**

Matrix: **Solids**

Sample ID : **SFS-3**

Sampled: **2/5/2025 15:42**

Analytical Method: 8260B

Prep Batch(es): **L799582** 02/11/25 08:47

Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
2-Hexanone	<0.0081	mg/Kg	0.0081	0.0100	1	02/11/25 16:14	ASH	L799700
Isopropylbenzene	<0.0015	mg/Kg	0.0015	0.0020	1	02/11/25 16:14	ASH	L799700
4-Isopropyl toluene	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 16:14	ASH	L799700
Methyl Acetate	<0.0076	mg/Kg	0.0076	0.0100	1	02/11/25 16:14	ASH	L799700
4-Methyl-2-Pentanone	<0.0078	mg/Kg	0.0078	0.0100	1	02/11/25 16:14	ASH	L799700
Methylcyclohexane	<0.0081	mg/Kg	0.0081	0.0100	1	02/11/25 16:14	ASH	L799700
Methylene Chloride	<0.0095	mg/Kg	0.0095	0.0100	1	02/11/25 16:14	ASH	L799700
Methyl tert-butyl ether (MTBE)	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 16:14	ASH	L799700
n-Propylbenzene	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 16:14	ASH	L799700
Styrene	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 16:14	ASH	L799700
1,1,1,2-Tetrachloroethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 16:14	ASH	L799700
1,1,2,2-Tetrachloroethane	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 16:14	ASH	L799700
Tetrachloroethene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 16:14	ASH	L799700
Toluene	0.0029 J	mg/Kg	0.0010	0.0040	1	02/11/25 16:14	ASH	L799700
1,2,3-Trichlorobenzene	<0.0023	mg/Kg	0.0023	0.0040	1	02/11/25 16:14	ASH	L799700
1,2,4-Trichlorobenzene	<0.0021	mg/Kg	0.0021	0.0040	1	02/11/25 16:14	ASH	L799700
1,1,1-Trichloroethane	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 16:14	ASH	L799700
1,1,2-Trichloroethane	<0.0006	mg/Kg	0.0006	0.0020	1	02/11/25 16:14	ASH	L799700
Trichloroethene	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 16:14	ASH	L799700
Trichlorofluoromethane	<0.0017	mg/Kg	0.0017	0.0020	1	02/11/25 16:14	ASH	L799700
1,2,3-Trichloropropane	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 16:14	ASH	L799700
1,2,3-Trimethylbenzene	<0.0020	mg/Kg	0.0020	0.0020	1	02/11/25 16:14	ASH	L799700

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87266**

Matrix: **Solids**

Sample ID : **SFS-3**

Sampled: **2/5/2025 15:42**

Analytical Method: 8260B

Prep Batch(es): **L799582** 02/11/25 08:47

Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2,4-Trimethylbenzene	<0.0019	mg/Kg	0.0019	0.0020	1	02/11/25 16:14	ASH	L799700
1,3,5-Trimethylbenzene	<0.0008	mg/Kg	0.0008	0.0020	1	02/11/25 16:14	ASH	L799700
Vinyl Chloride	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 16:14	ASH	L799700
Xylene (Total)	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 16:14		L799700
Surrogate: 4-Bromofluorobenzene	94.9		Limits: 60-140%		1	02/11/25 16:14	ASH	L799700
Surrogate: 1,2-Dichloroethane - d4	90.5		Limits: 60-140%		1	02/11/25 16:14	ASH	L799700
Surrogate: Toluene-d8	102		Limits: 60-140%		1	02/11/25 16:14	ASH	L799700

Analytical Method: 8270D SIM

Prep Batch(es): **L799102** 02/10/25 11:37

Prep Method: 3550B

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	0.00263	mg/Kg	0.000304	0.000670	1	02/11/25 15:43	NFP	L799622
Acenaphthylene	<0.000270	mg/Kg	0.000270	0.000670	1	02/11/25 15:43	NFP	L799622
Anthracene	0.00761	mg/Kg	0.000334	0.000670	1	02/11/25 15:43	NFP	L799622
Benzo(a)anthracene	0.0317	mg/Kg	0.000493	0.000670	1	02/11/25 15:43	NFP	L799622
Benzo(a)pyrene	0.0313	mg/Kg	0.000468	0.000670	1	02/11/25 15:43	NFP	L799622
Benzo(b)fluoranthene	0.0506	mg/Kg	0.000585	0.000670	1	02/11/25 15:43	NFP	L799622
Benzo(g,h,i)perylene	0.0172	mg/Kg	0.000639	0.000670	1	02/11/25 15:43	NFP	L799622
Benzo(k)fluoranthene	0.0172	mg/Kg	0.000437	0.000670	1	02/11/25 15:43	NFP	L799622
Chrysene	0.0336	mg/Kg	0.000624	0.000670	1	02/11/25 15:43	NFP	L799622
Dibenz(a,h)anthracene	0.00449	mg/Kg	0.000614	0.000670	1	02/11/25 15:43	NFP	L799622
Fluoranthene	0.0787	mg/Kg	0.000394	0.000670	1	02/11/25 15:43	NFP	L799622

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

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Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87266**

Matrix: **Solids**

Sample ID : **SFS-3**

Sampled: **2/5/2025 15:42**

Analytical Method: 8270D SIM

Prep Batch(es): **L799102** 02/10/25 11:37

Prep Method: 3550B

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Fluorene	0.00377	mg/Kg	0.000286	0.000670	1	02/11/25 15:43	NFP	L799622
Indeno(1,2,3-cd)pyrene	0.0222	mg/Kg	0.000627	0.000670	1	02/11/25 15:43	NFP	L799622
1-Methylnaphthalene	<0.00109	mg/Kg	0.00109	0.00201	1	02/11/25 15:43	NFP	L799622
2-Methylnaphthalene	<0.00194	mg/Kg	0.00194	0.00201	1	02/11/25 15:43	NFP	L799622
Naphthalene	<0.00145	mg/Kg	0.00145	0.00201	1	02/11/25 15:43	NFP	L799622
Phenanthrene	0.0492	mg/Kg	0.000421	0.000670	1	02/11/25 15:43	NFP	L799622
Pyrene	0.0575	mg/Kg	0.000643	0.000670	1	02/11/25 15:43	NFP	L799622
Surrogate: 2-Fluorobiphenyl	39.6		Limits: 33-115%		1	02/11/25 15:43	NFP	L799622
Surrogate: Nitrobenzene-d5	52.9		Limits: 29-110%		1	02/11/25 15:43	NFP	L799622
Surrogate: 4-Terphenyl-d14	60.7		Limits: 33-122%		1	02/11/25 15:43	NFP	L799622

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

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Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87267**

Matrix: **Solids**

Sample ID : **SBS-1A**

Sampled: **2/6/2025 09:27**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	16.1	%	0	0.050	1	02/11/25 10:22	CAH	SW-DRYWT
Chromium, Hexavalent	<0.500	mg/Kg		0.500	1	02/12/25 11:10	ADT	3060A 7196A
Arsenic	9.18	mg/Kg	0.250	0.500	1	02/16/25 02:09	BKN	6010D
Barium	34.7	mg/Kg	0.150	0.500	1	02/16/25 02:09	BKN	6010D
Cadmium	0.772	mg/Kg	0.0500	0.100	1	02/16/25 02:09	BKN	6010D
Chromium	35.3	mg/Kg	0.250	0.250	1	02/16/25 02:09	BKN	6010D
Lead	10.4	mg/Kg	0.200	0.300	1	02/16/25 02:09	BKN	6010D
Mercury	0.114 J	mg/Kg	0.0226	0.187	1	02/13/25 14:15	JTR	7471A
Selenium	<1.75	mg/Kg	1.75	2.50	5	02/18/25 01:03	JTR	6010D
Silver	<0.200	mg/Kg	0.200	0.250	1	02/16/25 02:09	BKN	6010D
Zinc	28.0	mg/Kg	0.850	1.25	1	02/16/25 02:09	BKN	6010D

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
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Hoover, AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87267**
Sample ID : **SBS-1A**

Matrix: **Solids**
Sampled: **2/6/2025 09:27**

Analytical Method: 8260B **Prep Batch(es):** **L799582** 02/11/25 08:47
Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acetone	<0.0254	mg/Kg	0.0254	0.0400	1	02/11/25 16:57	ASH	L799700
Acrylonitrile	<0.0087	mg/Kg	0.0087	0.0400	1	02/11/25 16:57	ASH	L799700
Benzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 16:57	ASH	L799700
Bromobenzene	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 16:57	ASH	L799700
Bromodichloromethane	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 16:57	ASH	L799700
Bromoform	<0.0019	mg/Kg	0.0019	0.0020	1	02/11/25 16:57	ASH	L799700
Bromomethane	<0.0014	mg/Kg	0.0014	0.0020	1	02/11/25 16:57	ASH	L799700
2-Butanone (MEK)	<0.0365	mg/Kg	0.0365	0.0400	1	02/11/25 16:57	ASH	L799700
n-Butylbenzene	<0.0018	mg/Kg	0.0018	0.0020	1	02/11/25 16:57	ASH	L799700
sec-Butyl benzene	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 16:57	ASH	L799700
tert-Butyl benzene	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 16:57	ASH	L799700
Carbon Disulfide	<0.0037	mg/Kg	0.0037	0.0100	1	02/11/25 16:57	ASH	L799700
Carbon Tetrachloride	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 16:57	ASH	L799700
Chlorobenzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 16:57	ASH	L799700
Chlorodibromomethane	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 16:57	ASH	L799700
Chloroethane	<0.0017	mg/Kg	0.0017	0.0020	1	02/11/25 16:57	ASH	L799700
Chloroform	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 16:57	ASH	L799700
Chloromethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 16:57	ASH	L799700
2-Chlorotoluene	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 16:57	ASH	L799700
4-Chlorotoluene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 16:57	ASH	L799700
Cyclohexane	<0.0086	mg/Kg	0.0086	0.0100	1	02/11/25 16:57	ASH	L799700
Di-Isopropyl Ether (DIPE)	<0.0090	mg/Kg	0.0090	0.0400	1	02/11/25 16:57	ASH	L799700

Qualifiers/	DF	Dilution Factor	J	Estimated value
Definitions	MQL	Method Quantitation Limit		

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87267**
Sample ID : **SBS-1A**

Matrix: **Solids**
Sampled: **2/6/2025 09:27**

Analytical Method: 8260B **Prep Batch(es):** **L799582** 02/11/25 08:47
Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2-Dibromo-3-Chloropropane	<0.0040	mg/Kg	0.0040	0.0100	1	02/11/25 16:57	ASH	L799700
1,2-Dibromoethane	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 16:57	ASH	L799700
Dibromomethane	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 16:57	ASH	L799700
1,2-Dichlorobenzene	<0.0017	mg/Kg	0.0017	0.0020	1	02/11/25 16:57	ASH	L799700
1,3-Dichlorobenzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 16:57	ASH	L799700
1,4-Dichlorobenzene	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 16:57	ASH	L799700
Dichlorodifluoromethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 16:57	ASH	L799700
1,1-Dichloroethane	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 16:57	ASH	L799700
1,2-Dichloroethane	<0.0012	mg/Kg	0.0012	0.0020	1	02/11/25 16:57	ASH	L799700
1,1-Dichloroethene	<0.0018	mg/Kg	0.0018	0.0020	1	02/11/25 16:57	ASH	L799700
cis-1,2-Dichloroethene	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 16:57	ASH	L799700
trans-1,2-Dichloroethene	<0.0012	mg/Kg	0.0012	0.0020	1	02/11/25 16:57	ASH	L799700
1,2-Dichloroethene (Total)	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 16:57		L799700
1,2-Dichloropropane	<0.0014	mg/Kg	0.0014	0.0020	1	02/11/25 16:57	ASH	L799700
1,3-Dichloropropane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 16:57	ASH	L799700
2,2-Dichloropropane	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 16:57	ASH	L799700
1,1-Dichloropropene	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 16:57	ASH	L799700
cis-1,3-Dichloropropene	<0.0008	mg/Kg	0.0008	0.0020	1	02/11/25 16:57	ASH	L799700
trans-1,3-Dichloropropene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 16:57	ASH	L799700
Ethylbenzene	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 16:57	ASH	L799700
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.0006	mg/Kg	0.0006	0.0020	1	02/11/25 16:57	ASH	L799700
Hexachlorobutadiene	<0.0019	mg/Kg	0.0019	0.0020	1	02/11/25 16:57	ASH	L799700

Qualifiers/	DF	Dilution Factor	J	Estimated value
Definitions	MQL	Method Quantitation Limit		

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover, AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87267**

Matrix: **Solids**

Sample ID : **SBS-1A**

Sampled: **2/6/2025 09:27**

Analytical Method: 8260B

Prep Batch(es): **L799582** 02/11/25 08:47

Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
2-Hexanone	<0.0081	mg/Kg	0.0081	0.0100	1	02/11/25 16:57	ASH	L799700
Isopropylbenzene	<0.0015	mg/Kg	0.0015	0.0020	1	02/11/25 16:57	ASH	L799700
4-Isopropyl toluene	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 16:57	ASH	L799700
Methyl Acetate	<0.0076	mg/Kg	0.0076	0.0100	1	02/11/25 16:57	ASH	L799700
4-Methyl-2-Pentanone	<0.0078	mg/Kg	0.0078	0.0100	1	02/11/25 16:57	ASH	L799700
Methylcyclohexane	<0.0081	mg/Kg	0.0081	0.0100	1	02/11/25 16:57	ASH	L799700
Methylene Chloride	<0.0095	mg/Kg	0.0095	0.0100	1	02/11/25 16:57	ASH	L799700
Methyl tert-butyl ether (MTBE)	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 16:57	ASH	L799700
n-Propylbenzene	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 16:57	ASH	L799700
Styrene	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 16:57	ASH	L799700
1,1,1,2-Tetrachloroethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 16:57	ASH	L799700
1,1,2,2-Tetrachloroethane	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 16:57	ASH	L799700
Tetrachloroethene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 16:57	ASH	L799700
Toluene	<0.0010	mg/Kg	0.0010	0.0040	1	02/11/25 16:57	ASH	L799700
1,2,3-Trichlorobenzene	<0.0023	mg/Kg	0.0023	0.0040	1	02/11/25 16:57	ASH	L799700
1,2,4-Trichlorobenzene	<0.0021	mg/Kg	0.0021	0.0040	1	02/11/25 16:57	ASH	L799700
1,1,1-Trichloroethane	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 16:57	ASH	L799700
1,1,2-Trichloroethane	<0.0006	mg/Kg	0.0006	0.0020	1	02/11/25 16:57	ASH	L799700
Trichloroethene	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 16:57	ASH	L799700
Trichlorofluoromethane	<0.0017	mg/Kg	0.0017	0.0020	1	02/11/25 16:57	ASH	L799700
1,2,3-Trichloropropane	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 16:57	ASH	L799700
1,2,3-Trimethylbenzene	<0.0020	mg/Kg	0.0020	0.0020	1	02/11/25 16:57	ASH	L799700

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87267**

Matrix: **Solids**

Sample ID : **SBS-1A**

Sampled: **2/6/2025 09:27**

Analytical Method: 8260B

Prep Batch(es): **L799582** 02/11/25 08:47

Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2,4-Trimethylbenzene	<0.0019	mg/Kg	0.0019	0.0020	1	02/11/25 16:57	ASH	L799700
1,3,5-Trimethylbenzene	<0.0008	mg/Kg	0.0008	0.0020	1	02/11/25 16:57	ASH	L799700
Vinyl Chloride	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 16:57	ASH	L799700
Xylene (Total)	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 16:57		L799700
Surrogate: 4-Bromofluorobenzene	98.8		Limits: 60-140%		1	02/11/25 16:57	ASH	L799700
Surrogate: 1,2-Dichloroethane - d4	99.5		Limits: 60-140%		1	02/11/25 16:57	ASH	L799700
Surrogate: Toluene-d8	105		Limits: 60-140%		1	02/11/25 16:57	ASH	L799700

Analytical Method: 8270D SIM

Prep Batch(es): **L799102** 02/10/25 11:37

Prep Method: 3550B

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<0.000304	mg/Kg	0.000304	0.000670	1	02/11/25 16:03	NFP	L799622
Acenaphthylene	<0.000270	mg/Kg	0.000270	0.000670	1	02/11/25 16:03	NFP	L799622
Anthracene	<0.000334	mg/Kg	0.000334	0.000670	1	02/11/25 16:03	NFP	L799622
Benzo(a)anthracene	<0.000493	mg/Kg	0.000493	0.000670	1	02/11/25 16:03	NFP	L799622
Benzo(a)pyrene	<0.000468	mg/Kg	0.000468	0.000670	1	02/11/25 16:03	NFP	L799622
Benzo(b)fluoranthene	<0.000585	mg/Kg	0.000585	0.000670	1	02/11/25 16:03	NFP	L799622
Benzo(g,h,i)perylene	<0.000639	mg/Kg	0.000639	0.000670	1	02/11/25 16:03	NFP	L799622
Benzo(k)fluoranthene	<0.000437	mg/Kg	0.000437	0.000670	1	02/11/25 16:03	NFP	L799622
Chrysene	<0.000624	mg/Kg	0.000624	0.000670	1	02/11/25 16:03	NFP	L799622
Dibenz(a,h)anthracene	<0.000614	mg/Kg	0.000614	0.000670	1	02/11/25 16:03	NFP	L799622
Fluoranthene	<0.000394	mg/Kg	0.000394	0.000670	1	02/11/25 16:03	NFP	L799622

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87267**

Matrix: **Solids**

Sample ID : **SBS-1A**

Sampled: **2/6/2025 09:27**

Analytical Method: 8270D SIM

Prep Batch(es): **L799102** 02/10/25 11:37

Prep Method: 3550B

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Fluorene	<0.000286	mg/Kg	0.000286	0.000670	1	02/11/25 16:03	NFP	L799622
Indeno(1,2,3-cd)pyrene	<0.000627	mg/Kg	0.000627	0.000670	1	02/11/25 16:03	NFP	L799622
1-Methylnaphthalene	<0.00109	mg/Kg	0.00109	0.00201	1	02/11/25 16:03	NFP	L799622
2-Methylnaphthalene	<0.00194	mg/Kg	0.00194	0.00201	1	02/11/25 16:03	NFP	L799622
Naphthalene	<0.00145	mg/Kg	0.00145	0.00201	1	02/11/25 16:03	NFP	L799622
Phenanthrene	<0.000421	mg/Kg	0.000421	0.000670	1	02/11/25 16:03	NFP	L799622
Pyrene	<0.000643	mg/Kg	0.000643	0.000670	1	02/11/25 16:03	NFP	L799622
Surrogate: 2-Fluorobiphenyl	42.9		Limits: 33-115%		1	02/11/25 16:03	NFP	L799622
Surrogate: Nitrobenzene-d5	57.1		Limits: 29-110%		1	02/11/25 16:03	NFP	L799622
Surrogate: 4-Terphenyl-d14	64.4		Limits: 33-122%		1	02/11/25 16:03	NFP	L799622

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87268**
Sample ID : **SBS-1B**

Matrix: **Solids**
Sampled: **2/6/2025 09:36**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	14.3	%	0	0.050	1	02/11/25 10:22	CAH	SW-DRYWT
Chromium, Hexavalent	<0.500	mg/Kg		0.500	1	02/12/25 11:10	ADT	3060A 7196A
Arsenic	3.93	mg/Kg	0.250	0.500	1	02/16/25 02:24	BKN	6010D
Barium	43.9	mg/Kg	0.150	0.500	1	02/16/25 02:24	BKN	6010D
Cadmium	0.191	mg/Kg	0.0500	0.100	1	02/16/25 02:24	BKN	6010D
Chromium	16.1	mg/Kg	0.250	0.250	1	02/16/25 02:24	BKN	6010D
Lead	7.73	mg/Kg	0.200	0.300	1	02/16/25 02:24	BKN	6010D
Mercury	0.155 J	mg/Kg	0.0228	0.189	1	02/13/25 14:16	JTR	7471A
Selenium	0.635	mg/Kg	0.350	0.500	1	02/16/25 02:24	BKN	6010D
Silver	<0.200	mg/Kg	0.200	0.250	1	02/16/25 02:24	BKN	6010D
Zinc	24.1	mg/Kg	0.850	1.25	1	02/16/25 02:24	BKN	6010D

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

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Mr. David Wall
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Hoover, AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87268**

Matrix: **Solids**

Sample ID : **SBS-1B**

Sampled: **2/6/2025 09:36**

Analytical Method: 8260B

Prep Batch(es): **L799582** 02/11/25 08:47

Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acetone	<0.0254	mg/Kg	0.0254	0.0400	1	02/11/25 17:41	ASH	L799700
Acrylonitrile	<0.0087	mg/Kg	0.0087	0.0400	1	02/11/25 17:41	ASH	L799700
Benzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 17:41	ASH	L799700
Bromobenzene	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 17:41	ASH	L799700
Bromodichloromethane	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 17:41	ASH	L799700
Bromoform	<0.0019	mg/Kg	0.0019	0.0020	1	02/11/25 17:41	ASH	L799700
Bromomethane	<0.0014	mg/Kg	0.0014	0.0020	1	02/11/25 17:41	ASH	L799700
2-Butanone (MEK)	<0.0365	mg/Kg	0.0365	0.0400	1	02/11/25 17:41	ASH	L799700
n-Butylbenzene	<0.0018	mg/Kg	0.0018	0.0020	1	02/11/25 17:41	ASH	L799700
sec-Butyl benzene	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 17:41	ASH	L799700
tert-Butyl benzene	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 17:41	ASH	L799700
Carbon Disulfide	<0.0037	mg/Kg	0.0037	0.0100	1	02/11/25 17:41	ASH	L799700
Carbon Tetrachloride	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 17:41	ASH	L799700
Chlorobenzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 17:41	ASH	L799700
Chlorodibromomethane	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 17:41	ASH	L799700
Chloroethane	<0.0017	mg/Kg	0.0017	0.0020	1	02/11/25 17:41	ASH	L799700
Chloroform	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 17:41	ASH	L799700
Chloromethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 17:41	ASH	L799700
2-Chlorotoluene	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 17:41	ASH	L799700
4-Chlorotoluene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 17:41	ASH	L799700
Cyclohexane	<0.0086	mg/Kg	0.0086	0.0100	1	02/11/25 17:41	ASH	L799700
Di-Isopropyl Ether (DIPE)	<0.0090	mg/Kg	0.0090	0.0400	1	02/11/25 17:41	ASH	L799700

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover, AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87268**
Sample ID : **SBS-1B**

Matrix: **Solids**
Sampled: **2/6/2025 09:36**

Analytical Method: 8260B **Prep Batch(es):** **L799582** 02/11/25 08:47
Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2-Dibromo-3-Chloropropane	<0.0040	mg/Kg	0.0040	0.0100	1	02/11/25 17:41	ASH	L799700
1,2-Dibromoethane	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 17:41	ASH	L799700
Dibromomethane	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 17:41	ASH	L799700
1,2-Dichlorobenzene	<0.0017	mg/Kg	0.0017	0.0020	1	02/11/25 17:41	ASH	L799700
1,3-Dichlorobenzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 17:41	ASH	L799700
1,4-Dichlorobenzene	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 17:41	ASH	L799700
Dichlorodifluoromethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 17:41	ASH	L799700
1,1-Dichloroethane	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 17:41	ASH	L799700
1,2-Dichloroethane	<0.0012	mg/Kg	0.0012	0.0020	1	02/11/25 17:41	ASH	L799700
1,1-Dichloroethene	<0.0018	mg/Kg	0.0018	0.0020	1	02/11/25 17:41	ASH	L799700
cis-1,2-Dichloroethene	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 17:41	ASH	L799700
trans-1,2-Dichloroethene	<0.0012	mg/Kg	0.0012	0.0020	1	02/11/25 17:41	ASH	L799700
1,2-Dichloroethene (Total)	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 17:41		L799700
1,2-Dichloropropane	<0.0014	mg/Kg	0.0014	0.0020	1	02/11/25 17:41	ASH	L799700
1,3-Dichloropropane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 17:41	ASH	L799700
2,2-Dichloropropane	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 17:41	ASH	L799700
1,1-Dichloropropene	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 17:41	ASH	L799700
cis-1,3-Dichloropropene	<0.0008	mg/Kg	0.0008	0.0020	1	02/11/25 17:41	ASH	L799700
trans-1,3-Dichloropropene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 17:41	ASH	L799700
Ethylbenzene	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 17:41	ASH	L799700
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.0006	mg/Kg	0.0006	0.0020	1	02/11/25 17:41	ASH	L799700
Hexachlorobutadiene	<0.0019	mg/Kg	0.0019	0.0020	1	02/11/25 17:41	ASH	L799700

Qualifiers/	DF	Dilution Factor	J	Estimated value
Definitions	MQL	Method Quantitation Limit		

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover, AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87268**

Matrix: **Solids**

Sample ID : **SBS-1B**

Sampled: **2/6/2025 09:36**

Analytical Method: 8260B

Prep Batch(es): **L799582** 02/11/25 08:47

Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
2-Hexanone	<0.0081	mg/Kg	0.0081	0.0100	1	02/11/25 17:41	ASH	L799700
Isopropylbenzene	<0.0015	mg/Kg	0.0015	0.0020	1	02/11/25 17:41	ASH	L799700
4-Isopropyl toluene	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 17:41	ASH	L799700
Methyl Acetate	<0.0076	mg/Kg	0.0076	0.0100	1	02/11/25 17:41	ASH	L799700
4-Methyl-2-Pentanone	<0.0078	mg/Kg	0.0078	0.0100	1	02/11/25 17:41	ASH	L799700
Methylcyclohexane	<0.0081	mg/Kg	0.0081	0.0100	1	02/11/25 17:41	ASH	L799700
Methylene Chloride	<0.0095	mg/Kg	0.0095	0.0100	1	02/11/25 17:41	ASH	L799700
Methyl tert-butyl ether (MTBE)	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 17:41	ASH	L799700
n-Propylbenzene	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 17:41	ASH	L799700
Styrene	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 17:41	ASH	L799700
1,1,1,2-Tetrachloroethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 17:41	ASH	L799700
1,1,2,2-Tetrachloroethane	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 17:41	ASH	L799700
Tetrachloroethene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 17:41	ASH	L799700
Toluene	<0.0010	mg/Kg	0.0010	0.0040	1	02/11/25 17:41	ASH	L799700
1,2,3-Trichlorobenzene	<0.0023	mg/Kg	0.0023	0.0040	1	02/11/25 17:41	ASH	L799700
1,2,4-Trichlorobenzene	<0.0021	mg/Kg	0.0021	0.0040	1	02/11/25 17:41	ASH	L799700
1,1,1-Trichloroethane	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 17:41	ASH	L799700
1,1,2-Trichloroethane	<0.0006	mg/Kg	0.0006	0.0020	1	02/11/25 17:41	ASH	L799700
Trichloroethene	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 17:41	ASH	L799700
Trichlorofluoromethane	<0.0017	mg/Kg	0.0017	0.0020	1	02/11/25 17:41	ASH	L799700
1,2,3-Trichloropropane	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 17:41	ASH	L799700
1,2,3-Trimethylbenzene	<0.0020	mg/Kg	0.0020	0.0020	1	02/11/25 17:41	ASH	L799700

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87268**

Matrix: **Solids**

Sample ID : **SBS-1B**

Sampled: **2/6/2025 09:36**

Analytical Method: 8260B

Prep Batch(es): **L799582** 02/11/25 08:47

Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2,4-Trimethylbenzene	<0.0019	mg/Kg	0.0019	0.0020	1	02/11/25 17:41	ASH	L799700
1,3,5-Trimethylbenzene	<0.0008	mg/Kg	0.0008	0.0020	1	02/11/25 17:41	ASH	L799700
Vinyl Chloride	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 17:41	ASH	L799700
Xylene (Total)	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 17:41		L799700
Surrogate: 4-Bromofluorobenzene	97.2		Limits: 60-140%		1	02/11/25 17:41	ASH	L799700
Surrogate: 1,2-Dichloroethane - d4	92.7		Limits: 60-140%		1	02/11/25 17:41	ASH	L799700
Surrogate: Toluene-d8	104		Limits: 60-140%		1	02/11/25 17:41	ASH	L799700

Analytical Method: 8270D SIM

Prep Batch(es): **L799102** 02/10/25 11:37

Prep Method: 3550B

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<0.000304	mg/Kg	0.000304	0.000670	1	02/11/25 16:24	NFP	L799622
Acenaphthylene	<0.000270	mg/Kg	0.000270	0.000670	1	02/11/25 16:24	NFP	L799622
Anthracene	<0.000334	mg/Kg	0.000334	0.000670	1	02/11/25 16:24	NFP	L799622
Benzo(a)anthracene	<0.000493	mg/Kg	0.000493	0.000670	1	02/11/25 16:24	NFP	L799622
Benzo(a)pyrene	<0.000468	mg/Kg	0.000468	0.000670	1	02/11/25 16:24	NFP	L799622
Benzo(b)fluoranthene	<0.000585	mg/Kg	0.000585	0.000670	1	02/11/25 16:24	NFP	L799622
Benzo(g,h,i)perylene	<0.000639	mg/Kg	0.000639	0.000670	1	02/11/25 16:24	NFP	L799622
Benzo(k)fluoranthene	<0.000437	mg/Kg	0.000437	0.000670	1	02/11/25 16:24	NFP	L799622
Chrysene	<0.000624	mg/Kg	0.000624	0.000670	1	02/11/25 16:24	NFP	L799622
Dibenz(a,h)anthracene	<0.000614	mg/Kg	0.000614	0.000670	1	02/11/25 16:24	NFP	L799622
Fluoranthene	<0.000394	mg/Kg	0.000394	0.000670	1	02/11/25 16:24	NFP	L799622

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87268**

Matrix: **Solids**

Sample ID : **SBS-1B**

Sampled: **2/6/2025 09:36**

Analytical Method: 8270D SIM

Prep Batch(es): **L799102** 02/10/25 11:37

Prep Method: 3550B

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Fluorene	<0.000286	mg/Kg	0.000286	0.000670	1	02/11/25 16:24	NFP	L799622
Indeno(1,2,3-cd)pyrene	<0.000627	mg/Kg	0.000627	0.000670	1	02/11/25 16:24	NFP	L799622
1-Methylnaphthalene	<0.00109	mg/Kg	0.00109	0.00201	1	02/11/25 16:24	NFP	L799622
2-Methylnaphthalene	<0.00194	mg/Kg	0.00194	0.00201	1	02/11/25 16:24	NFP	L799622
Naphthalene	<0.00145	mg/Kg	0.00145	0.00201	1	02/11/25 16:24	NFP	L799622
Phenanthrene	<0.000421	mg/Kg	0.000421	0.000670	1	02/11/25 16:24	NFP	L799622
Pyrene	<0.000643	mg/Kg	0.000643	0.000670	1	02/11/25 16:24	NFP	L799622
Surrogate: 2-Fluorobiphenyl	33.3		Limits: 33-115%		1	02/11/25 16:24	NFP	L799622
Surrogate: Nitrobenzene-d5	44.5		Limits: 29-110%		1	02/11/25 16:24	NFP	L799622
Surrogate: 4-Terphenyl-d14	53.9		Limits: 33-122%		1	02/11/25 16:24	NFP	L799622

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87269**

Matrix: **Solids**

Sample ID : **SFS-2**

Sampled: **2/6/2025 11:20**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	15.6	%	0	0.050	1	02/11/25 10:22	CAH	SW-DRYWT
Chromium, Hexavalent	<0.500	mg/Kg		0.500	1	02/12/25 11:10	ADT	3060A 7196A
Arsenic	7.57	mg/Kg	0.250	0.500	1	02/16/25 02:30	BKN	6010D
Barium	35.3	mg/Kg	0.150	0.500	1	02/16/25 02:30	BKN	6010D
Cadmium	0.708	mg/Kg	0.0500	0.100	1	02/16/25 02:30	BKN	6010D
Chromium	65.4	mg/Kg	0.250	0.250	1	02/16/25 02:30	BKN	6010D
Lead	9.90	mg/Kg	0.200	0.300	1	02/16/25 02:30	BKN	6010D
Mercury	0.114 J	mg/Kg	0.0223	0.185	1	02/13/25 14:21	JTR	7471A
Selenium	<1.75	mg/Kg	1.75	2.50	5	02/18/25 01:08	JTR	6010D
Silver	<0.200	mg/Kg	0.200	0.250	1	02/16/25 02:30	BKN	6010D
Zinc	49.7	mg/Kg	0.850	1.25	1	02/16/25 02:30	BKN	6010D

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover, AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87269**

Matrix: **Solids**

Sample ID : **SFS-2**

Sampled: **2/6/2025 11:20**

Analytical Method: 8260B

Prep Batch(es): **L799582** 02/11/25 08:47

Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acetone	<0.0254	mg/Kg	0.0254	0.0400	1	02/11/25 18:23	ASH	L799700
Acrylonitrile	<0.0087	mg/Kg	0.0087	0.0400	1	02/11/25 18:23	ASH	L799700
Benzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 18:23	ASH	L799700
Bromobenzene	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 18:23	ASH	L799700
Bromodichloromethane	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 18:23	ASH	L799700
Bromoform	<0.0019	mg/Kg	0.0019	0.0020	1	02/11/25 18:23	ASH	L799700
Bromomethane	<0.0014	mg/Kg	0.0014	0.0020	1	02/11/25 18:23	ASH	L799700
2-Butanone (MEK)	<0.0365	mg/Kg	0.0365	0.0400	1	02/11/25 18:23	ASH	L799700
n-Butylbenzene	<0.0018	mg/Kg	0.0018	0.0020	1	02/11/25 18:23	ASH	L799700
sec-Butyl benzene	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 18:23	ASH	L799700
tert-Butyl benzene	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 18:23	ASH	L799700
Carbon Disulfide	<0.0037	mg/Kg	0.0037	0.0100	1	02/11/25 18:23	ASH	L799700
Carbon Tetrachloride	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 18:23	ASH	L799700
Chlorobenzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 18:23	ASH	L799700
Chlorodibromomethane	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 18:23	ASH	L799700
Chloroethane	<0.0017	mg/Kg	0.0017	0.0020	1	02/11/25 18:23	ASH	L799700
Chloroform	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 18:23	ASH	L799700
Chloromethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 18:23	ASH	L799700
2-Chlorotoluene	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 18:23	ASH	L799700
4-Chlorotoluene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 18:23	ASH	L799700
Cyclohexane	<0.0086	mg/Kg	0.0086	0.0100	1	02/11/25 18:23	ASH	L799700
Di-Isopropyl Ether (DIPE)	<0.0090	mg/Kg	0.0090	0.0400	1	02/11/25 18:23	ASH	L799700

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover, AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87269**

Matrix: **Solids**

Sample ID : **SFS-2**

Sampled: **2/6/2025 11:20**

Analytical Method: 8260B **Prep Batch(es):** L799582 02/11/25 08:47
Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2-Dibromo-3-Chloropropane	<0.0040	mg/Kg	0.0040	0.0100	1	02/11/25 18:23	ASH	L799700
1,2-Dibromoethane	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 18:23	ASH	L799700
Dibromomethane	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 18:23	ASH	L799700
1,2-Dichlorobenzene	<0.0017	mg/Kg	0.0017	0.0020	1	02/11/25 18:23	ASH	L799700
1,3-Dichlorobenzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 18:23	ASH	L799700
1,4-Dichlorobenzene	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 18:23	ASH	L799700
Dichlorodifluoromethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 18:23	ASH	L799700
1,1-Dichloroethane	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 18:23	ASH	L799700
1,2-Dichloroethane	<0.0012	mg/Kg	0.0012	0.0020	1	02/11/25 18:23	ASH	L799700
1,1-Dichloroethene	<0.0018	mg/Kg	0.0018	0.0020	1	02/11/25 18:23	ASH	L799700
cis-1,2-Dichloroethene	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 18:23	ASH	L799700
trans-1,2-Dichloroethene	<0.0012	mg/Kg	0.0012	0.0020	1	02/11/25 18:23	ASH	L799700
1,2-Dichloroethene (Total)	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 18:23		L799700
1,2-Dichloropropane	<0.0014	mg/Kg	0.0014	0.0020	1	02/11/25 18:23	ASH	L799700
1,3-Dichloropropane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 18:23	ASH	L799700
2,2-Dichloropropane	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 18:23	ASH	L799700
1,1-Dichloropropene	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 18:23	ASH	L799700
cis-1,3-Dichloropropene	<0.0008	mg/Kg	0.0008	0.0020	1	02/11/25 18:23	ASH	L799700
trans-1,3-Dichloropropene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 18:23	ASH	L799700
Ethylbenzene	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 18:23	ASH	L799700
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.0006	mg/Kg	0.0006	0.0020	1	02/11/25 18:23	ASH	L799700
Hexachlorobutadiene	<0.0019	mg/Kg	0.0019	0.0020	1	02/11/25 18:23	ASH	L799700

Qualifiers/	DF	Dilution Factor	J	Estimated value
Definitions	MQL	Method Quantitation Limit		

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover, AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87269**

Matrix: **Solids**

Sample ID : **SFS-2**

Sampled: **2/6/2025 11:20**

Analytical Method: 8260B

Prep Batch(es): **L799582** 02/11/25 08:47

Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
2-Hexanone	<0.0081	mg/Kg	0.0081	0.0100	1	02/11/25 18:23	ASH	L799700
Isopropylbenzene	<0.0015	mg/Kg	0.0015	0.0020	1	02/11/25 18:23	ASH	L799700
4-Isopropyl toluene	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 18:23	ASH	L799700
Methyl Acetate	<0.0076	mg/Kg	0.0076	0.0100	1	02/11/25 18:23	ASH	L799700
4-Methyl-2-Pentanone	<0.0078	mg/Kg	0.0078	0.0100	1	02/11/25 18:23	ASH	L799700
Methylcyclohexane	<0.0081	mg/Kg	0.0081	0.0100	1	02/11/25 18:23	ASH	L799700
Methylene Chloride	<0.0095	mg/Kg	0.0095	0.0100	1	02/11/25 18:23	ASH	L799700
Methyl tert-butyl ether (MTBE)	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 18:23	ASH	L799700
n-Propylbenzene	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 18:23	ASH	L799700
Styrene	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 18:23	ASH	L799700
1,1,1,2-Tetrachloroethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 18:23	ASH	L799700
1,1,2,2-Tetrachloroethane	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 18:23	ASH	L799700
Tetrachloroethene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 18:23	ASH	L799700
Toluene	<0.0010	mg/Kg	0.0010	0.0040	1	02/11/25 18:23	ASH	L799700
1,2,3-Trichlorobenzene	<0.0023	mg/Kg	0.0023	0.0040	1	02/11/25 18:23	ASH	L799700
1,2,4-Trichlorobenzene	<0.0021	mg/Kg	0.0021	0.0040	1	02/11/25 18:23	ASH	L799700
1,1,1-Trichloroethane	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 18:23	ASH	L799700
1,1,2-Trichloroethane	<0.0006	mg/Kg	0.0006	0.0020	1	02/11/25 18:23	ASH	L799700
Trichloroethene	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 18:23	ASH	L799700
Trichlorofluoromethane	<0.0017	mg/Kg	0.0017	0.0020	1	02/11/25 18:23	ASH	L799700
1,2,3-Trichloropropane	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 18:23	ASH	L799700
1,2,3-Trimethylbenzene	<0.0020	mg/Kg	0.0020	0.0020	1	02/11/25 18:23	ASH	L799700

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover, AL 35244

Project Kennedy Galvanizing
Information: Hanceville, AL
Project #2251182

Report Date: 02/20/2025
Received: 02/07/2025

Rebekah Ross

Report Number: **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No: **87269**

Matrix: **Solids**

Sample ID: **SFS-2**

Sampled: **2/6/2025 11:20**

Analytical Method: 8260B

Prep Batch(es): **L799582** 02/11/25 08:47

Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2,4-Trimethylbenzene	<0.0019	mg/Kg	0.0019	0.0020	1	02/11/25 18:23	ASH	L799700
1,3,5-Trimethylbenzene	<0.0008	mg/Kg	0.0008	0.0020	1	02/11/25 18:23	ASH	L799700
Vinyl Chloride	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 18:23	ASH	L799700
Xylene (Total)	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 18:23		L799700
Surrogate: 4-Bromofluorobenzene	96.9		Limits: 60-140%		1	02/11/25 18:23	ASH	L799700
Surrogate: 1,2-Dichloroethane - d4	98.7		Limits: 60-140%		1	02/11/25 18:23	ASH	L799700
Surrogate: Toluene-d8	103		Limits: 60-140%		1	02/11/25 18:23	ASH	L799700

Analytical Method: 8270D SIM

Prep Batch(es): **L799102** 02/10/25 11:37

Prep Method: 3550B

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<0.000304	mg/Kg	0.000304	0.000670	1	02/11/25 16:45	NFP	L799622
Acenaphthylene	<0.000270	mg/Kg	0.000270	0.000670	1	02/11/25 16:45	NFP	L799622
Anthracene	0.000582 J	mg/Kg	0.000334	0.000670	1	02/11/25 16:45	NFP	L799622
Benzo(a)anthracene	0.00490	mg/Kg	0.000493	0.000670	1	02/11/25 16:45	NFP	L799622
Benzo(a)pyrene	0.00556	mg/Kg	0.000468	0.000670	1	02/11/25 16:45	NFP	L799622
Benzo(b)fluoranthene	0.00916	mg/Kg	0.000585	0.000670	1	02/11/25 16:45	NFP	L799622
Benzo(g,h,i)perylene	0.00314	mg/Kg	0.000639	0.000670	1	02/11/25 16:45	NFP	L799622
Benzo(k)fluoranthene	0.00303	mg/Kg	0.000437	0.000670	1	02/11/25 16:45	NFP	L799622
Chrysene	0.00609	mg/Kg	0.000624	0.000670	1	02/11/25 16:45	NFP	L799622
Dibenz(a,h)anthracene	<0.000614	mg/Kg	0.000614	0.000670	1	02/11/25 16:45	NFP	L799622
Fluoranthene	0.0114	mg/Kg	0.000394	0.000670	1	02/11/25 16:45	NFP	L799622

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87269**

Matrix: **Solids**

Sample ID : **SFS-2**

Sampled: **2/6/2025 11:20**

Analytical Method: 8270D SIM

Prep Batch(es): **L799102** 02/10/25 11:37

Prep Method: 3550B

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Fluorene	0.000344 J	mg/Kg	0.000286	0.000670	1	02/11/25 16:45	NFP	L799622
Indeno(1,2,3-cd)pyrene	0.00468	mg/Kg	0.000627	0.000670	1	02/11/25 16:45	NFP	L799622
1-Methylnaphthalene	<0.00109	mg/Kg	0.00109	0.00201	1	02/11/25 16:45	NFP	L799622
2-Methylnaphthalene	<0.00194	mg/Kg	0.00194	0.00201	1	02/11/25 16:45	NFP	L799622
Naphthalene	<0.00145	mg/Kg	0.00145	0.00201	1	02/11/25 16:45	NFP	L799622
Phenanthrene	0.00562	mg/Kg	0.000421	0.000670	1	02/11/25 16:45	NFP	L799622
Pyrene	0.00868	mg/Kg	0.000643	0.000670	1	02/11/25 16:45	NFP	L799622
Surrogate: 2-Fluorobiphenyl	38.1		Limits: 33-115%		1	02/11/25 16:45	NFP	L799622
Surrogate: Nitrobenzene-d5	47.4		Limits: 29-110%		1	02/11/25 16:45	NFP	L799622
Surrogate: 4-Terphenyl-d14	58.3		Limits: 33-122%		1	02/11/25 16:45	NFP	L799622

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87270**

Matrix: **Solids**

Sample ID : **SBS-5A**

Sampled: **2/6/2025 10:33**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	11.4	%	0	0.050	1	02/11/25 10:31	CAH	SW-DRYWT
Chromium, Hexavalent	<0.500	mg/Kg		0.500	1	02/12/25 11:10	ADT	3060A 7196A
Arsenic	8.24	mg/Kg	0.250	0.500	1	02/16/25 02:35	BKN	6010D
Barium	37.7	mg/Kg	0.150	0.500	1	02/16/25 02:35	BKN	6010D
Cadmium	0.739	mg/Kg	0.0500	0.100	1	02/16/25 02:35	BKN	6010D
Chromium	35.7	mg/Kg	0.250	0.250	1	02/16/25 02:35	BKN	6010D
Lead	10.5	mg/Kg	0.200	0.300	1	02/16/25 02:35	BKN	6010D
Mercury	0.123 J	mg/Kg	0.0229	0.190	1	02/13/25 14:22	JTR	7471A
Selenium	<0.350	mg/Kg	0.350	0.500	1	02/16/25 02:35	BKN	6010D
Silver	<0.200	mg/Kg	0.200	0.250	1	02/16/25 02:35	BKN	6010D
Zinc	415	mg/Kg	0.850	1.25	1	02/16/25 02:35	BKN	6010D

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
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Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87270**
Sample ID : **SBS-5A**

Matrix: **Solids**
Sampled: **2/6/2025 10:33**

Analytical Method: 8260B **Prep Batch(es):** **L799582** 02/11/25 08:47
Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acetone	<0.0254	mg/Kg	0.0254	0.0400	1	02/11/25 19:06	ASH	L799700
Acrylonitrile	<0.0087	mg/Kg	0.0087	0.0400	1	02/11/25 19:06	ASH	L799700
Benzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 19:06	ASH	L799700
Bromobenzene	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 19:06	ASH	L799700
Bromodichloromethane	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 19:06	ASH	L799700
Bromoform	<0.0019	mg/Kg	0.0019	0.0020	1	02/11/25 19:06	ASH	L799700
Bromomethane	<0.0014	mg/Kg	0.0014	0.0020	1	02/11/25 19:06	ASH	L799700
2-Butanone (MEK)	<0.0365	mg/Kg	0.0365	0.0400	1	02/11/25 19:06	ASH	L799700
n-Butylbenzene	<0.0018	mg/Kg	0.0018	0.0020	1	02/11/25 19:06	ASH	L799700
sec-Butyl benzene	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 19:06	ASH	L799700
tert-Butyl benzene	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 19:06	ASH	L799700
Carbon Disulfide	<0.0037	mg/Kg	0.0037	0.0100	1	02/11/25 19:06	ASH	L799700
Carbon Tetrachloride	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 19:06	ASH	L799700
Chlorobenzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 19:06	ASH	L799700
Chlorodibromomethane	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 19:06	ASH	L799700
Chloroethane	<0.0017	mg/Kg	0.0017	0.0020	1	02/11/25 19:06	ASH	L799700
Chloroform	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 19:06	ASH	L799700
Chloromethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 19:06	ASH	L799700
2-Chlorotoluene	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 19:06	ASH	L799700
4-Chlorotoluene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 19:06	ASH	L799700
Cyclohexane	<0.0086	mg/Kg	0.0086	0.0100	1	02/11/25 19:06	ASH	L799700
Di-Isopropyl Ether (DIPE)	<0.0090	mg/Kg	0.0090	0.0400	1	02/11/25 19:06	ASH	L799700

Qualifiers/	DF	Dilution Factor	J	Estimated value
Definitions	MQL	Method Quantitation Limit		

05143

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Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87270**

Matrix: **Solids**

Sample ID : **SBS-5A**

Sampled: **2/6/2025 10:33**

Analytical Method: 8260B

Prep Batch(es): **L799582** 02/11/25 08:47

Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2-Dibromo-3-Chloropropane	<0.0040	mg/Kg	0.0040	0.0100	1	02/11/25 19:06	ASH	L799700
1,2-Dibromoethane	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 19:06	ASH	L799700
Dibromomethane	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 19:06	ASH	L799700
1,2-Dichlorobenzene	<0.0017	mg/Kg	0.0017	0.0020	1	02/11/25 19:06	ASH	L799700
1,3-Dichlorobenzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 19:06	ASH	L799700
1,4-Dichlorobenzene	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 19:06	ASH	L799700
Dichlorodifluoromethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 19:06	ASH	L799700
1,1-Dichloroethane	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 19:06	ASH	L799700
1,2-Dichloroethane	<0.0012	mg/Kg	0.0012	0.0020	1	02/11/25 19:06	ASH	L799700
1,1-Dichloroethene	<0.0018	mg/Kg	0.0018	0.0020	1	02/11/25 19:06	ASH	L799700
cis-1,2-Dichloroethene	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 19:06	ASH	L799700
trans-1,2-Dichloroethene	<0.0012	mg/Kg	0.0012	0.0020	1	02/11/25 19:06	ASH	L799700
1,2-Dichloroethene (Total)	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 19:06		L799700
1,2-Dichloropropane	<0.0014	mg/Kg	0.0014	0.0020	1	02/11/25 19:06	ASH	L799700
1,3-Dichloropropane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 19:06	ASH	L799700
2,2-Dichloropropane	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 19:06	ASH	L799700
1,1-Dichloropropene	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 19:06	ASH	L799700
cis-1,3-Dichloropropene	<0.0008	mg/Kg	0.0008	0.0020	1	02/11/25 19:06	ASH	L799700
trans-1,3-Dichloropropene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 19:06	ASH	L799700
Ethylbenzene	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 19:06	ASH	L799700
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.0006	mg/Kg	0.0006	0.0020	1	02/11/25 19:06	ASH	L799700
Hexachlorobutadiene	<0.0019	mg/Kg	0.0019	0.0020	1	02/11/25 19:06	ASH	L799700

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover, AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87270**

Matrix: **Solids**

Sample ID : **SBS-5A**

Sampled: **2/6/2025 10:33**

Analytical Method: 8260B

Prep Batch(es): **L799582** 02/11/25 08:47

Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
2-Hexanone	<0.0081	mg/Kg	0.0081	0.0100	1	02/11/25 19:06	ASH	L799700
Isopropylbenzene	<0.0015	mg/Kg	0.0015	0.0020	1	02/11/25 19:06	ASH	L799700
4-Isopropyl toluene	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 19:06	ASH	L799700
Methyl Acetate	<0.0076	mg/Kg	0.0076	0.0100	1	02/11/25 19:06	ASH	L799700
4-Methyl-2-Pentanone	<0.0078	mg/Kg	0.0078	0.0100	1	02/11/25 19:06	ASH	L799700
Methylcyclohexane	<0.0081	mg/Kg	0.0081	0.0100	1	02/11/25 19:06	ASH	L799700
Methylene Chloride	<0.0095	mg/Kg	0.0095	0.0100	1	02/11/25 19:06	ASH	L799700
Methyl tert-butyl ether (MTBE)	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 19:06	ASH	L799700
n-Propylbenzene	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 19:06	ASH	L799700
Styrene	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 19:06	ASH	L799700
1,1,1,2-Tetrachloroethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 19:06	ASH	L799700
1,1,2,2-Tetrachloroethane	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 19:06	ASH	L799700
Tetrachloroethene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 19:06	ASH	L799700
Toluene	<0.0010	mg/Kg	0.0010	0.0040	1	02/11/25 19:06	ASH	L799700
1,2,3-Trichlorobenzene	<0.0023	mg/Kg	0.0023	0.0040	1	02/11/25 19:06	ASH	L799700
1,2,4-Trichlorobenzene	<0.0021	mg/Kg	0.0021	0.0040	1	02/11/25 19:06	ASH	L799700
1,1,1-Trichloroethane	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 19:06	ASH	L799700
1,1,2-Trichloroethane	<0.0006	mg/Kg	0.0006	0.0020	1	02/11/25 19:06	ASH	L799700
Trichloroethene	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 19:06	ASH	L799700
Trichlorofluoromethane	<0.0017	mg/Kg	0.0017	0.0020	1	02/11/25 19:06	ASH	L799700
1,2,3-Trichloropropane	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 19:06	ASH	L799700
1,2,3-Trimethylbenzene	<0.0020	mg/Kg	0.0020	0.0020	1	02/11/25 19:06	ASH	L799700

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover, AL 35244

Project Kennedy Galvanizing
Information: Hanceville, AL
Project #2251182

Report Date: 02/20/2025
Received: 02/07/2025

Rebekah Ross

Report Number: **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No: **87270**

Matrix: **Solids**

Sample ID: **SBS-5A**

Sampled: **2/6/2025 10:33**

Analytical Method: 8260B

Prep Batch(es): **L799582** 02/11/25 08:47

Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2,4-Trimethylbenzene	<0.0019	mg/Kg	0.0019	0.0020	1	02/11/25 19:06	ASH	L799700
1,3,5-Trimethylbenzene	<0.0008	mg/Kg	0.0008	0.0020	1	02/11/25 19:06	ASH	L799700
Vinyl Chloride	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 19:06	ASH	L799700
Xylene (Total)	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 19:06		L799700
Surrogate: 4-Bromofluorobenzene	97.0		Limits: 60-140%		1	02/11/25 19:06	ASH	L799700
Surrogate: 1,2-Dichloroethane - d4	99.9		Limits: 60-140%		1	02/11/25 19:06	ASH	L799700
Surrogate: Toluene-d8	103		Limits: 60-140%		1	02/11/25 19:06	ASH	L799700

Analytical Method: 8270D SIM

Prep Batch(es): **L799102** 02/10/25 11:37

Prep Method: 3550B

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<0.000304	mg/Kg	0.000304	0.000670	1	02/11/25 17:05	NFP	L799622
Acenaphthylene	<0.000270	mg/Kg	0.000270	0.000670	1	02/11/25 17:05	NFP	L799622
Anthracene	<0.000334	mg/Kg	0.000334	0.000670	1	02/11/25 17:05	NFP	L799622
Benzo(a)anthracene	0.000857	mg/Kg	0.000493	0.000670	1	02/11/25 17:05	NFP	L799622
Benzo(a)pyrene	0.00109	mg/Kg	0.000468	0.000670	1	02/11/25 17:05	NFP	L799622
Benzo(b)fluoranthene	0.00175	mg/Kg	0.000585	0.000670	1	02/11/25 17:05	NFP	L799622
Benzo(g,h,i)perylene	0.000641 J	mg/Kg	0.000639	0.000670	1	02/11/25 17:05	NFP	L799622
Benzo(k)fluoranthene	<0.000437	mg/Kg	0.000437	0.000670	1	02/11/25 17:05	NFP	L799622
Chrysene	<0.000624	mg/Kg	0.000624	0.000670	1	02/11/25 17:05	NFP	L799622
Dibenz(a,h)anthracene	<0.000614	mg/Kg	0.000614	0.000670	1	02/11/25 17:05	NFP	L799622
Fluoranthene	0.00109	mg/Kg	0.000394	0.000670	1	02/11/25 17:05	NFP	L799622

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87270**

Matrix: **Solids**

Sample ID : **SBS-5A**

Sampled: **2/6/2025 10:33**

Analytical Method: 8270D SIM

Prep Batch(es): **L799102** 02/10/25 11:37

Prep Method: 3550B

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Fluorene	<0.000286	mg/Kg	0.000286	0.000670	1	02/11/25 17:05	NFP	L799622
Indeno(1,2,3-cd)pyrene	0.00142	mg/Kg	0.000627	0.000670	1	02/11/25 17:05	NFP	L799622
1-Methylnaphthalene	<0.00109	mg/Kg	0.00109	0.00201	1	02/11/25 17:05	NFP	L799622
2-Methylnaphthalene	<0.00194	mg/Kg	0.00194	0.00201	1	02/11/25 17:05	NFP	L799622
Naphthalene	<0.00145	mg/Kg	0.00145	0.00201	1	02/11/25 17:05	NFP	L799622
Phenanthrene	<0.000421	mg/Kg	0.000421	0.000670	1	02/11/25 17:05	NFP	L799622
Pyrene	0.00112	mg/Kg	0.000643	0.000670	1	02/11/25 17:05	NFP	L799622
Surrogate: 2-Fluorobiphenyl	40.3		Limits: 33-115%		1	02/11/25 17:05	NFP	L799622
Surrogate: Nitrobenzene-d5	55.2		Limits: 29-110%		1	02/11/25 17:05	NFP	L799622
Surrogate: 4-Terphenyl-d14	64.5		Limits: 33-122%		1	02/11/25 17:05	NFP	L799622

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

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Mr. David Wall
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Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87271**
Sample ID : **SBS-5B**

Matrix: **Solids**
Sampled: **2/6/2025 10:38**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	14.7	%	0	0.050	1	02/11/25 10:31	CAH	SW-DRYWT
Chromium, Hexavalent	<0.500	mg/Kg		0.500	1	02/12/25 12:45	ADT	3060A 7196A
Arsenic	4.02	mg/Kg	0.250	0.500	1	02/16/25 02:40	BKN	6010D
Barium	29.0	mg/Kg	0.150	0.500	1	02/16/25 02:40	BKN	6010D
Cadmium	0.174	mg/Kg	0.0500	0.100	1	02/16/25 02:40	BKN	6010D
Chromium	28.9	mg/Kg	0.250	0.250	1	02/16/25 02:40	BKN	6010D
Lead	9.18	mg/Kg	0.200	0.300	1	02/16/25 02:40	BKN	6010D
Mercury	0.106 J	mg/Kg	0.0195	0.162	1	02/14/25 14:16	JTR	7471A
Selenium	0.610	mg/Kg	0.350	0.500	1	02/16/25 02:40	BKN	6010D
Silver	<0.200	mg/Kg	0.200	0.250	1	02/16/25 02:40	BKN	6010D
Zinc	102	mg/Kg	0.850	1.25	1	02/16/25 02:40	BKN	6010D

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover, AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87271**
Sample ID : **SBS-5B**

Matrix: **Solids**
Sampled: **2/6/2025 10:38**

Analytical Method: 8260B **Prep Batch(es):** **L799582** 02/11/25 08:47
Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acetone	0.0350 J	mg/Kg	0.0254	0.0400	1	02/11/25 19:48	ASH	L799700
Acrylonitrile	<0.0087	mg/Kg	0.0087	0.0400	1	02/11/25 19:48	ASH	L799700
Benzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 19:48	ASH	L799700
Bromobenzene	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 19:48	ASH	L799700
Bromodichloromethane	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 19:48	ASH	L799700
Bromoform	<0.0019	mg/Kg	0.0019	0.0020	1	02/11/25 19:48	ASH	L799700
Bromomethane	<0.0014	mg/Kg	0.0014	0.0020	1	02/11/25 19:48	ASH	L799700
2-Butanone (MEK)	<0.0365	mg/Kg	0.0365	0.0400	1	02/11/25 19:48	ASH	L799700
n-Butylbenzene	<0.0018	mg/Kg	0.0018	0.0020	1	02/11/25 19:48	ASH	L799700
sec-Butyl benzene	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 19:48	ASH	L799700
tert-Butyl benzene	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 19:48	ASH	L799700
Carbon Disulfide	<0.0037	mg/Kg	0.0037	0.0100	1	02/11/25 19:48	ASH	L799700
Carbon Tetrachloride	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 19:48	ASH	L799700
Chlorobenzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 19:48	ASH	L799700
Chlorodibromomethane	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 19:48	ASH	L799700
Chloroethane	<0.0017	mg/Kg	0.0017	0.0020	1	02/11/25 19:48	ASH	L799700
Chloroform	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 19:48	ASH	L799700
Chloromethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 19:48	ASH	L799700
2-Chlorotoluene	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 19:48	ASH	L799700
4-Chlorotoluene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 19:48	ASH	L799700
Cyclohexane	<0.0086	mg/Kg	0.0086	0.0100	1	02/11/25 19:48	ASH	L799700
Di-Isopropyl Ether (DIPE)	<0.0090	mg/Kg	0.0090	0.0400	1	02/11/25 19:48	ASH	L799700

Qualifiers/	DF	Dilution Factor	J	Estimated value
Definitions	MQL	Method Quantitation Limit		

05143

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Mr. David Wall
528 Mineral Trace
Hoover, AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87271**
Sample ID : **SBS-5B**

Matrix: **Solids**
Sampled: **2/6/2025 10:38**

Analytical Method: 8260B **Prep Batch(es):** L799582 02/11/25 08:47
Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2-Dibromo-3-Chloropropane	<0.0040	mg/Kg	0.0040	0.0100	1	02/11/25 19:48	ASH	L799700
1,2-Dibromoethane	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 19:48	ASH	L799700
Dibromomethane	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 19:48	ASH	L799700
1,2-Dichlorobenzene	<0.0017	mg/Kg	0.0017	0.0020	1	02/11/25 19:48	ASH	L799700
1,3-Dichlorobenzene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 19:48	ASH	L799700
1,4-Dichlorobenzene	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 19:48	ASH	L799700
Dichlorodifluoromethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 19:48	ASH	L799700
1,1-Dichloroethane	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 19:48	ASH	L799700
1,2-Dichloroethane	<0.0012	mg/Kg	0.0012	0.0020	1	02/11/25 19:48	ASH	L799700
1,1-Dichloroethene	<0.0018	mg/Kg	0.0018	0.0020	1	02/11/25 19:48	ASH	L799700
cis-1,2-Dichloroethene	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 19:48	ASH	L799700
trans-1,2-Dichloroethene	<0.0012	mg/Kg	0.0012	0.0020	1	02/11/25 19:48	ASH	L799700
1,2-Dichloroethene (Total)	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 19:48		L799700
1,2-Dichloropropane	<0.0014	mg/Kg	0.0014	0.0020	1	02/11/25 19:48	ASH	L799700
1,3-Dichloropropane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 19:48	ASH	L799700
2,2-Dichloropropane	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 19:48	ASH	L799700
1,1-Dichloropropene	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 19:48	ASH	L799700
cis-1,3-Dichloropropene	<0.0008	mg/Kg	0.0008	0.0020	1	02/11/25 19:48	ASH	L799700
trans-1,3-Dichloropropene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 19:48	ASH	L799700
Ethylbenzene	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 19:48	ASH	L799700
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.0006	mg/Kg	0.0006	0.0020	1	02/11/25 19:48	ASH	L799700
Hexachlorobutadiene	<0.0019	mg/Kg	0.0019	0.0020	1	02/11/25 19:48	ASH	L799700

Qualifiers/	DF	Dilution Factor	J	Estimated value
Definitions	MQL	Method Quantitation Limit		

05143

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Mr. David Wall
528 Mineral Trace
Hoover, AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87271**
Sample ID : **SBS-5B**

Matrix: **Solids**
Sampled: **2/6/2025 10:38**

Analytical Method: 8260B **Prep Batch(es):** **L799582** 02/11/25 08:47
Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
2-Hexanone	<0.0081	mg/Kg	0.0081	0.0100	1	02/11/25 19:48	ASH	L799700
Isopropylbenzene	<0.0015	mg/Kg	0.0015	0.0020	1	02/11/25 19:48	ASH	L799700
4-Isopropyl toluene	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 19:48	ASH	L799700
Methyl Acetate	<0.0076	mg/Kg	0.0076	0.0100	1	02/11/25 19:48	ASH	L799700
4-Methyl-2-Pentanone	<0.0078	mg/Kg	0.0078	0.0100	1	02/11/25 19:48	ASH	L799700
Methylcyclohexane	<0.0081	mg/Kg	0.0081	0.0100	1	02/11/25 19:48	ASH	L799700
Methylene Chloride	<0.0095	mg/Kg	0.0095	0.0100	1	02/11/25 19:48	ASH	L799700
Methyl tert-butyl ether (MTBE)	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 19:48	ASH	L799700
n-Propylbenzene	<0.0011	mg/Kg	0.0011	0.0020	1	02/11/25 19:48	ASH	L799700
Styrene	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 19:48	ASH	L799700
1,1,1,2-Tetrachloroethane	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 19:48	ASH	L799700
1,1,2,2-Tetrachloroethane	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 19:48	ASH	L799700
Tetrachloroethene	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 19:48	ASH	L799700
Toluene	<0.0010	mg/Kg	0.0010	0.0040	1	02/11/25 19:48	ASH	L799700
1,2,3-Trichlorobenzene	<0.0023	mg/Kg	0.0023	0.0040	1	02/11/25 19:48	ASH	L799700
1,2,4-Trichlorobenzene	<0.0021	mg/Kg	0.0021	0.0040	1	02/11/25 19:48	ASH	L799700
1,1,1-Trichloroethane	<0.0009	mg/Kg	0.0009	0.0020	1	02/11/25 19:48	ASH	L799700
1,1,2-Trichloroethane	<0.0006	mg/Kg	0.0006	0.0020	1	02/11/25 19:48	ASH	L799700
Trichloroethene	<0.0010	mg/Kg	0.0010	0.0020	1	02/11/25 19:48	ASH	L799700
Trichlorofluoromethane	<0.0017	mg/Kg	0.0017	0.0020	1	02/11/25 19:48	ASH	L799700
1,2,3-Trichloropropane	<0.0013	mg/Kg	0.0013	0.0020	1	02/11/25 19:48	ASH	L799700
1,2,3-Trimethylbenzene	<0.0020	mg/Kg	0.0020	0.0020	1	02/11/25 19:48	ASH	L799700

Qualifiers/	DF	Dilution Factor	J	Estimated value
Definitions	MQL	Method Quantitation Limit		

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87271**

Matrix: **Solids**

Sample ID : **SBS-5B**

Sampled: **2/6/2025 10:38**

Analytical Method: 8260B

Prep Batch(es): **L799582** 02/11/25 08:47

Prep Method: 5035

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2,4-Trimethylbenzene	<0.0019	mg/Kg	0.0019	0.0020	1	02/11/25 19:48	ASH	L799700
1,3,5-Trimethylbenzene	<0.0008	mg/Kg	0.0008	0.0020	1	02/11/25 19:48	ASH	L799700
Vinyl Chloride	<0.0016	mg/Kg	0.0016	0.0020	1	02/11/25 19:48	ASH	L799700
Xylene (Total)	<0.0007	mg/Kg	0.0007	0.0020	1	02/11/25 19:48		L799700
Surrogate: 4-Bromofluorobenzene	99.2		Limits: 60-140%		1	02/11/25 19:48	ASH	L799700
Surrogate: 1,2-Dichloroethane - d4	102		Limits: 60-140%		1	02/11/25 19:48	ASH	L799700
Surrogate: Toluene-d8	104		Limits: 60-140%		1	02/11/25 19:48	ASH	L799700

Analytical Method: 8270D SIM

Prep Batch(es): **L799102** 02/10/25 11:37

Prep Method: 3550B

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<0.000304	mg/Kg	0.000304	0.000670	1	02/11/25 17:26	NFP	L799622
Acenaphthylene	<0.000270	mg/Kg	0.000270	0.000670	1	02/11/25 17:26	NFP	L799622
Anthracene	<0.000334	mg/Kg	0.000334	0.000670	1	02/11/25 17:26	NFP	L799622
Benzo(a)anthracene	0.000893	mg/Kg	0.000493	0.000670	1	02/11/25 17:26	NFP	L799622
Benzo(a)pyrene	0.00117	mg/Kg	0.000468	0.000670	1	02/11/25 17:26	NFP	L799622
Benzo(b)fluoranthene	0.00160	mg/Kg	0.000585	0.000670	1	02/11/25 17:26	NFP	L799622
Benzo(g,h,i)perylene	<0.000639	mg/Kg	0.000639	0.000670	1	02/11/25 17:26	NFP	L799622
Benzo(k)fluoranthene	<0.000437	mg/Kg	0.000437	0.000670	1	02/11/25 17:26	NFP	L799622
Chrysene	0.000666 J	mg/Kg	0.000624	0.000670	1	02/11/25 17:26	NFP	L799622
Dibenz(a,h)anthracene	<0.000614	mg/Kg	0.000614	0.000670	1	02/11/25 17:26	NFP	L799622
Fluoranthene	0.00109	mg/Kg	0.000394	0.000670	1	02/11/25 17:26	NFP	L799622

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/20/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0013**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87271**

Matrix: **Solids**

Sample ID : **SBS-5B**

Sampled: **2/6/2025 10:38**

Analytical Method: 8270D SIM

Prep Batch(es): **L799102** 02/10/25 11:37

Prep Method: 3550B

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Fluorene	<0.000286	mg/Kg	0.000286	0.000670	1	02/11/25 17:26	NFP	L799622
Indeno(1,2,3-cd)pyrene	0.00131	mg/Kg	0.000627	0.000670	1	02/11/25 17:26	NFP	L799622
1-Methylnaphthalene	<0.00109	mg/Kg	0.00109	0.00201	1	02/11/25 17:26	NFP	L799622
2-Methylnaphthalene	<0.00194	mg/Kg	0.00194	0.00201	1	02/11/25 17:26	NFP	L799622
Naphthalene	<0.00145	mg/Kg	0.00145	0.00201	1	02/11/25 17:26	NFP	L799622
Phenanthrene	<0.000421	mg/Kg	0.000421	0.000670	1	02/11/25 17:26	NFP	L799622
Pyrene	0.00113	mg/Kg	0.000643	0.000670	1	02/11/25 17:26	NFP	L799622
Surrogate: 2-Fluorobiphenyl	36.0		Limits: 33-115%		1	02/11/25 17:26	NFP	L799622
Surrogate: Nitrobenzene-d5	48.0		Limits: 29-110%		1	02/11/25 17:26	NFP	L799622
Surrogate: 4-Terphenyl-d14	51.7		Limits: 33-122%		1	02/11/25 17:26	NFP	L799622

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0013

QC Analytical Batch: L799558
Analysis Method: 3060A 7196A
Analysis Description: Hexavalent Chromium - Solids

Lab Reagent Blank LRB Matrix: SOL
Associated Lab Samples: 87262, 87263, 87264, 87265, 87266, 87267, 87268, 87269, 87270

Parameter	Units	Blank Result	MQL	Analyzed
Chromium, Hexavalent	mg/Kg	< 0.500	0.500	02/12/25 11:10

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Chromium, Hexavalent	mg/Kg	8.00	6.83	85.0	75-125

Duplicate L 86721-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Chromium, Hexavalent	mg/Kg	< 0.500	< 0.244	0.0	20.0	02/12/25 11:10

Matrix Spike L 86721-MS

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	%Rec Limits	Max RPD
Chromium, Hexavalent	mg/Kg	< 0.244	39.7		36.7		92.0	75-125	

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0013

QC Analytical Batch: L799561
Analysis Method: 3060A 7196A
Analysis Description: Hexavalent Chromium - Solids

Lab Reagent Blank LRB Matrix: SOL
Associated Lab Samples: 87271

Parameter	Units	Blank Result	MQL	Analyzed
Chromium, Hexavalent	mg/Kg	< 0.500	0.500	02/12/25 12:45

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Chromium, Hexavalent	mg/Kg	8.00	7.10	89.0	75-125

Duplicate L 87286-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Chromium, Hexavalent	mg/Kg	< 0.500	< 0.244	0.0	20.0	02/12/25 12:45

Matrix Spike L 87286-MS

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	%Rec Limits	Max RPD
Chromium, Hexavalent	mg/Kg	< 0.244	39.6		33.8		85.0	75-125	

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0013

QC Prep: L799654 **QC Analytical Batch(es):** L800115,L800244,L800269
QC Prep Batch Method: 3050B **Analysis Method:** 6010D
Analysis Description: Metals Analysis

Lab Reagent Blank LRB-L799654 Matrix: SOL
Associated Lab Samples: 87262, 87263, 87264, 87265

Parameter	Units	Blank Result	MDL	MQL	Analyzed
Arsenic	mg/Kg	<0.250	0.250	0.500	02/13/25 17:02
Barium	mg/Kg	<0.150	0.150	0.500	02/13/25 17:02
Cadmium	mg/Kg	<0.0500	0.0500	0.100	02/13/25 17:02
Chromium	mg/Kg	<0.250	0.250	0.250	02/13/25 17:02
Lead	mg/Kg	<0.200	0.200	0.300	02/13/25 17:02
Selenium	mg/Kg	<0.350	0.350	0.500	02/15/25 20:01
Silver	mg/Kg	<0.200	0.200	0.250	02/13/25 17:02
Zinc	mg/Kg	<0.850	0.850	1.25	02/13/25 17:02

Laboratory Control Sample LCS-L799654

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Arsenic	mg/Kg	5.00	5.13	103	80-120
Barium	mg/Kg	50.0	50.1	100	80-120
Cadmium	mg/Kg	5.00	5.17	103	80-120
Chromium	mg/Kg	50.0	56.5	113	80-120
Lead	mg/Kg	5.00	5.13	103	80-120
Selenium	mg/Kg	5.00	5.88	118	80-120
Silver	mg/Kg	5.00	5.52	110	80-120
Zinc	mg/Kg	50.0	53.7	107	80-120

Matrix Spike & Matrix Spike Duplicate L 87265-MS-L799654 L 87265-MSD-L799654

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits RPD	Max RPD
Arsenic	mg/Kg	6.17	4.79	4.75	10.2	9.72	84.0	75.0	75-125	4.8
Barium	mg/Kg	30.3	47.9	47.5	76.5	80.5	96.0	106	75-125	5.0

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0013

QC Prep: L799654
QC Prep Batch Method: 3050B
QC Analytical Batch(es): L800115,L800244,L800269
Analysis Method: 6010D
Analysis Description: Metals Analysis

Matrix Spike & Matrix Spike Duplicate L 87265-MS-L799654 L 87265-MSD-L799654

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Cadmium	mg/Kg	0.390	4.79	4.75	4.59	4.56	88.0	88.0	75-125	0.6	20.0
Chromium	mg/Kg	22.9	47.9	47.5	69.6	70.2	98.0	100	75-125	0.8	20.0
Lead	mg/Kg	8.50	4.79	4.75	12.7	12.5	88.0	84.0	75-125	1.5	20.0
Selenium	mg/Kg	< 1.75	4.79	4.75	4.65	4.94	97.0	104	75-125	6.0	20.0
Silver	mg/Kg	< 0.200	4.79	4.75	3.94	3.43	82.0	72.0*	75-125	13.8	20.0
Zinc	mg/Kg	232	47.9	47.5	174	338	0.0*	223*	75-125	64.0*	20.0

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0013

QC Prep: L799982 **QC Analytical Batch(es):** L800271
QC Prep Batch Method: 3050B **Analysis Method:** 6010D
Analysis Description: Metals Analysis

Lab Reagent Blank LRB-L799982 Matrix: SOL
Associated Lab Samples: 87266, 87267, 87268, 87269, 87270, 87271

Parameter	Units	Blank Result	MDL	MQL	Analyzed
Arsenic	mg/Kg	<0.250	0.250	0.500	02/16/25 01:48
Barium	mg/Kg	<0.150	0.150	0.500	02/16/25 01:48
Cadmium	mg/Kg	<0.0500	0.0500	0.100	02/16/25 01:48
Chromium	mg/Kg	<0.250	0.250	0.250	02/16/25 01:48
Lead	mg/Kg	<0.200	0.200	0.300	02/16/25 01:48
Selenium	mg/Kg	<0.350	0.350	0.500	02/16/25 01:48
Silver	mg/Kg	<0.200	0.200	0.250	02/16/25 01:48
Zinc	mg/Kg	<0.850	0.850	1.25	02/16/25 01:48

Laboratory Control Sample LCS-L799982

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Arsenic	mg/Kg	5.00	4.90	98.0	80-120
Barium	mg/Kg	50.0	51.3	103	80-120
Cadmium	mg/Kg	5.00	5.14	103	80-120
Chromium	mg/Kg	50.0	54.0	108	80-120
Lead	mg/Kg	5.00	5.15	103	80-120
Selenium	mg/Kg	5.00	4.90	98.0	80-120
Silver	mg/Kg	5.00	4.99	100	80-120
Zinc	mg/Kg	50.0	52.5	105	80-120

Matrix Spike & Matrix Spike Duplicate L 87688-MS-L799982 L 87688-MSD-L799982

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits RPD	Max RPD
Arsenic	mg/Kg	4.72	4.80	4.43	9.38	9.14	97.0	100	75-125	2.5
Barium	mg/Kg	101	48.0	44.3	136	131	73.0*	68.0*	75-125	3.7

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0013

QC Prep: L799982
QC Prep Batch Method: 3050B
QC Analytical Batch(es): L800271
Analysis Method: 6010D
Analysis Description: Metals Analysis

Matrix Spike & Matrix Spike Duplicate L 87688-MS-L799982 L 87688-MSD-L799982

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Cadmium	mg/Kg	0.416	4.80	4.43	4.58	4.20	87.0	85.0	75-125	8.6	20.0
Chromium	mg/Kg	11.1	48.0	44.3	56.8	51.7	95.0	92.0	75-125	9.4	20.0
Lead	mg/Kg	7.69	4.80	4.43	10.3	8.84	54.0*	26.0*	75-125	15.2	20.0
Selenium	mg/Kg	0.687	4.80	4.43	4.31	3.91	75.0	73.0*	75-125	9.7	20.0
Silver	mg/Kg	< 0.200	4.80	4.43	4.51	4.25	94.0	96.0	75-125	5.9	20.0
Zinc	mg/Kg	903	48.0	44.3	145	147	0.0*	0.0*	75-125	1.3	20.0

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0013

QC Prep: L799728 **QC Analytical Batch(es):** L799966
QC Prep Batch Method: 7471A **Analysis Method:** 7471A
Analysis Description: Solids Total Mercury Analysis - CVAA

Lab Reagent Blank LRB-L799728 Matrix: SOL
Associated Lab Samples: 87262, 87263, 87264, 87265, 87266, 87267, 87268, 87269, 87270

Parameter	Units	Blank Result	MDL	MQL	Analyzed
Mercury	mg/Kg	<0.0232	0.0232	0.192	02/13/25 13:46

Laboratory Control Sample LCS-L799728

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Mercury	mg/Kg	0.400	0.429	107	80-120

Matrix Spike & Matrix Spike Duplicate L 87270-MS-L799728 L 87270-MSD-L799728

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Mercury	mg/Kg	0.123	0.349	0.395	0.528	0.546	116	107	80-120	3.3	20.0

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0013

QC Prep: L799955 **QC Analytical Batch(es):** L800199
QC Prep Batch Method: 7471A **Analysis Method:** 7471A
Analysis Description: Solids Total Mercury Analysis - CVAA

Lab Reagent Blank LRB-L799955 Matrix: SOL
Associated Lab Samples: 87271

Parameter	Units	Blank Result	MDL	MQL	Analyzed
Mercury	mg/Kg	<0.0232	0.0232	0.192	02/14/25 14:10

Laboratory Control Sample LCS-L799955

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Mercury	mg/Kg	0.400	0.443	111	80-120

Matrix Spike & Matrix Spike Duplicate L 88120-MS-L799955 L 88120-MSD-L799955

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Mercury	mg/Kg	0.106	0.358	0.340	0.443	0.451	94.0	102	80-120	1.7	20.0

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0013

QC Prep: L799582
QC Prep Batch Method: 5035
QC Analytical Batch(es): L799700
Analysis Method: 8260B
Analysis Description: Volatile Organic Compounds - GC/MS

Lab Reagent Blank LRB-L799582 Matrix: SOL
Associated Lab Samples: 87262, 87263, 87264, 87265, 87266, 87267, 87268, 87269, 87270, 87271

Parameter	Units	Blank Result	MDL	SQL	Analyzed	% Recovery	% Rec Limits
Acetone	mg/Kg	<0.0254	0.0254	0.0400	02/11/25 12:36		
Acrylonitrile	mg/Kg	<0.0087	0.0087	0.0400	02/11/25 12:36		
Benzene	mg/Kg	<0.0009	0.0009	0.0020	02/11/25 12:36		
Bromobenzene	mg/Kg	<0.0013	0.0013	0.0020	02/11/25 12:36		
Bromodichloromethane	mg/Kg	<0.0009	0.0009	0.0020	02/11/25 12:36		
Bromoform	mg/Kg	<0.0019	0.0019	0.0020	02/11/25 12:36		
Bromomethane	mg/Kg	<0.0014	0.0014	0.0020	02/11/25 12:36		
2-Butanone (MEK)	mg/Kg	<0.0365	0.0365	0.0400	02/11/25 12:36		
n-Butylbenzene	mg/Kg	<0.0018	0.0018	0.0020	02/11/25 12:36		
sec-Butyl benzene	mg/Kg	<0.0013	0.0013	0.0020	02/11/25 12:36		
tert-Butyl benzene	mg/Kg	<0.0010	0.0010	0.0020	02/11/25 12:36		
Carbon Disulfide	mg/Kg	<0.0037	0.0037	0.0100	02/11/25 12:36		
Carbon Tetrachloride	mg/Kg	<0.0009	0.0009	0.0020	02/11/25 12:36		
Chlorobenzene	mg/Kg	<0.0009	0.0009	0.0020	02/11/25 12:36		
Chlorodibromomethane	mg/Kg	<0.0011	0.0011	0.0020	02/11/25 12:36		
Chloroethane	mg/Kg	<0.0017	0.0017	0.0020	02/11/25 12:36		
Chloroform	mg/Kg	<0.0010	0.0010	0.0020	02/11/25 12:36		
Chloromethane	mg/Kg	<0.0016	0.0016	0.0020	02/11/25 12:36		
2-Chlorotoluene	mg/Kg	<0.0007	0.0007	0.0020	02/11/25 12:36		
4-Chlorotoluene	mg/Kg	<0.0009	0.0009	0.0020	02/11/25 12:36		
Cyclohexane	mg/Kg	<0.0086	0.0086	0.0100	02/11/25 12:36		
Di-Isopropyl Ether (DIPE)	mg/Kg	<0.0090	0.0090	0.0400	02/11/25 12:36		
1,2-Dibromo-3-Chloropropane	mg/Kg	<0.0040	0.0040	0.0100	02/11/25 12:36		
1,2-Dibromoethane	mg/Kg	<0.0010	0.0010	0.0020	02/11/25 12:36		
Dibromomethane	mg/Kg	<0.0013	0.0013	0.0020	02/11/25 12:36		
1,2-Dichlorobenzene	mg/Kg	<0.0017	0.0017	0.0020	02/11/25 12:36		
1,3-Dichlorobenzene	mg/Kg	<0.0009	0.0009	0.0020	02/11/25 12:36		

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0013

QC Prep: L799582
QC Prep Batch Method: 5035
QC Analytical Batch(es): L799700
Analysis Method: 8260B
Analysis Description: Volatile Organic Compounds - GC/MS

Lab Reagent Blank LRB-L799582 Matrix: SOL
Associated Lab Samples: 87262, 87263, 87264, 87265, 87266, 87267, 87268, 87269, 87270, 87271

Parameter	Units	Blank Result	MDL	SQL	Analyzed	% Recovery	% Rec Limits
1,4-Dichlorobenzene	mg/Kg	<0.0016	0.0016	0.0020	02/11/25 12:36		
Dichlorodifluoromethane	mg/Kg	<0.0016	0.0016	0.0020	02/11/25 12:36		
1,1-Dichloroethane	mg/Kg	<0.0011	0.0011	0.0020	02/11/25 12:36		
1,2-Dichloroethane	mg/Kg	<0.0012	0.0012	0.0020	02/11/25 12:36		
1,1-Dichloroethene	mg/Kg	<0.0018	0.0018	0.0020	02/11/25 12:36		
cis-1,2-Dichloroethene	mg/Kg	<0.0011	0.0011	0.0020	02/11/25 12:36		
trans-1,2-Dichloroethene	mg/Kg	<0.0012	0.0012	0.0020	02/11/25 12:36		
1,2-Dichloropropane	mg/Kg	<0.0014	0.0014	0.0020	02/11/25 12:36		
1,3-Dichloropropane	mg/Kg	<0.0016	0.0016	0.0020	02/11/25 12:36		
2,2-Dichloropropane	mg/Kg	<0.0011	0.0011	0.0020	02/11/25 12:36		
1,1-Dichloropropene	mg/Kg	<0.0007	0.0007	0.0020	02/11/25 12:36		
cis-1,3-Dichloropropene	mg/Kg	<0.0008	0.0008	0.0020	02/11/25 12:36		
trans-1,3-Dichloropropene	mg/Kg	<0.0009	0.0009	0.0020	02/11/25 12:36		
Ethylbenzene	mg/Kg	<0.0011	0.0011	0.0020	02/11/25 12:36		
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/Kg	<0.0006	0.0006	0.0020	02/11/25 12:36		
Hexachlorobutadiene	mg/Kg	<0.0019	0.0019	0.0020	02/11/25 12:36		
2-Hexanone	mg/Kg	<0.0081	0.0081	0.0100	02/11/25 12:36		
Isopropylbenzene	mg/Kg	<0.0015	0.0015	0.0020	02/11/25 12:36		
4-Isopropyl toluene	mg/Kg	<0.0013	0.0013	0.0020	02/11/25 12:36		
Methyl Acetate	mg/Kg	<0.0076	0.0076	0.0100	02/11/25 12:36		
4-Methyl-2-Pentanone	mg/Kg	<0.0078	0.0078	0.0100	02/11/25 12:36		
Methylcyclohexane	mg/Kg	<0.0081	0.0081	0.0100	02/11/25 12:36		
Methylene Chloride	mg/Kg	<0.0095	0.0095	0.0100	02/11/25 12:36		
Methyl tert-butyl ether (MTBE)	mg/Kg	<0.0010	0.0010	0.0020	02/11/25 12:36		
m,p-Xylene	mg/Kg	<0.0023	0.0023	0.0040	02/11/25 12:36		
o-Xylene	mg/Kg	<0.0007	0.0007	0.0020	02/11/25 12:36		
n-Propylbenzene	mg/Kg	<0.0011	0.0011	0.0020	02/11/25 12:36		

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0013

QC Prep: L799582 **QC Analytical Batch(es):** L799700
QC Prep Batch Method: 5035 **Analysis Method:** 8260B
Analysis Description: Volatile Organic Compounds - GC/MS

Lab Reagent Blank LRB-L799582 Matrix: SOL
Associated Lab Samples: 87262, 87263, 87264, 87265, 87266, 87267, 87268, 87269, 87270, 87271

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery	% Rec Limits
Styrene	mg/Kg	<0.0010	0.0010	0.0020	02/11/25 12:36		
1,1,1,2-Tetrachloroethane	mg/Kg	<0.0016	0.0016	0.0020	02/11/25 12:36		
1,1,2,2-Tetrachloroethane	mg/Kg	<0.0013	0.0013	0.0020	02/11/25 12:36		
Tetrachloroethene	mg/Kg	<0.0009	0.0009	0.0020	02/11/25 12:36		
Toluene	mg/Kg	<0.0010	0.0010	0.0040	02/11/25 12:36		
1,2,3-Trichlorobenzene	mg/Kg	<0.0023	0.0023	0.0040	02/11/25 12:36		
1,2,4-Trichlorobenzene	mg/Kg	<0.0021	0.0021	0.0040	02/11/25 12:36		
1,1,1-Trichloroethane	mg/Kg	<0.0009	0.0009	0.0020	02/11/25 12:36		
1,1,2-Trichloroethane	mg/Kg	<0.0006	0.0006	0.0020	02/11/25 12:36		
Trichloroethene	mg/Kg	<0.0010	0.0010	0.0020	02/11/25 12:36		
Trichlorofluoromethane	mg/Kg	<0.0017	0.0017	0.0020	02/11/25 12:36		
1,2,3-Trichloropropane	mg/Kg	<0.0013	0.0013	0.0020	02/11/25 12:36		
1,2,3-Trimethylbenzene	mg/Kg	<0.0020	0.0020	0.0020	02/11/25 12:36		
1,2,4-Trimethylbenzene	mg/Kg	<0.0019	0.0019	0.0020	02/11/25 12:36		
1,3,5-Trimethylbenzene	mg/Kg	<0.0008	0.0008	0.0020	02/11/25 12:36		
Vinyl Chloride	mg/Kg	<0.0016	0.0016	0.0020	02/11/25 12:36		
4-Bromofluorobenzene (S)					02/11/25 12:36	98.2	60-140
1,2-Dichloroethane - d4 (S)					02/11/25 12:36	95.3	60-140
Toluene-d8 (S)					02/11/25 12:36	105	60-140

Laboratory Control Sample & LCSD LCS-L799582 LCSD-L799582

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
Acetone	mg/Kg	0.100	0.118	0.0892	118	89.2	60-160	27.7*	20
Acrylonitrile	mg/Kg	0.100	0.0927	0.0738	92.7	73.8	50-150	22.7*	20
Benzene	mg/Kg	0.100	0.0953	0.0732	95.3	73.2	60-140	26.2*	20

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0013

QC Prep: L799582
QC Prep Batch Method: 5035
QC Analytical Batch(es): L799700
Analysis Method: 8260B
Analysis Description: Volatile Organic Compounds - GC/MS

Laboratory Control Sample & LCSD LCS-L799582 LCSD-L799582

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
Bromobenzene	mg/Kg	0.100	0.0880	0.0759	88.0	75.9	60-140	14.7	20
Bromodichloromethane	mg/Kg	0.100	0.0924	0.0794	92.4	79.4	60-140	15.1	20
Bromoform	mg/Kg	0.100	0.0882	0.0756	88.2	75.6	60-140	15.3	20
Bromomethane	mg/Kg	0.100	0.0857	0.0636	85.7	63.6	40-160	29.6*	20
2-Butanone (MEK)	mg/Kg	0.100	0.108	0.0826	108	82.6	40-160	26.6*	20
n-Butylbenzene	mg/Kg	0.100	0.0881	0.0755	88.1	75.5	60-140	15.4	20
sec-Butyl benzene	mg/Kg	0.100	0.0880	0.0774	88.0	77.4	60-140	12.8	20
tert-Butyl benzene	mg/Kg	0.100	0.0858	0.0750	85.8	75.0	60-140	13.4	20
Carbon Disulfide	mg/Kg	0.100	0.0780	0.0623	78.0	62.3	30-160	22.3*	20
Carbon Tetrachloride	mg/Kg	0.100	0.0940	0.0732	94.0	73.2	60-140	24.8*	20
Chlorobenzene	mg/Kg	0.100	0.0874	0.0741	87.4	74.1	60-140	16.4	20
Chlorodibromomethane	mg/Kg	0.100	0.0912	0.0777	91.2	77.7	60-140	15.9	20
Chloroethane	mg/Kg	0.100	0.0863	0.0860	86.3	86.0	40-160	0.3	20
Chloroform	mg/Kg	0.100	0.100	0.0760	100	76.0	60-140	27.2*	20
Chloromethane	mg/Kg	0.100	0.0792	0.0714	79.2	71.4	50-150	10.3	20
2-Chlorotoluene	mg/Kg	0.100	0.0848	0.0731	84.8	73.1	60-140	14.8	20
4-Chlorotoluene	mg/Kg	0.100	0.0879	0.0753	87.9	75.3	60-140	15.4	20
Cyclohexane	mg/Kg	0.100	0.0910	0.0713	91.0	71.3	40-160	24.2*	20
Di-Isopropyl Ether (DIPE)	mg/Kg	0.100	0.102	0.0759	102	75.9	60-140	29.3*	20
1,2-Dibromo-3-Chloropropane	mg/Kg	0.100	0.0886	0.0768	88.6	76.8	50-150	14.2	20
1,2-Dibromoethane	mg/Kg	0.100	0.0949	0.0814	94.9	81.4	60-140	15.3	20
Dibromomethane	mg/Kg	0.100	0.0938	0.0819	93.8	81.9	60-140	13.5	20
1,2-Dichlorobenzene	mg/Kg	0.100	0.0936	0.0796	93.6	79.6	60-140	16.1	20
1,3-Dichlorobenzene	mg/Kg	0.100	0.0861	0.0726	86.1	72.6	60-140	17.0	20
1,4-Dichlorobenzene	mg/Kg	0.100	0.0946	0.0793	94.6	79.3	60-140	17.5	20
Dichlorodifluoromethane	mg/Kg	0.100	0.0570	0.0598	57.0	59.8	40-140	4.7	20

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0013

QC Prep: L799582 **QC Analytical Batch(es):** L799700
QC Prep Batch Method: 5035 **Analysis Method:** 8260B
Analysis Description: Volatile Organic Compounds - GC/MS

Laboratory Control Sample & LCSD LCS-L799582 LCSD-L799582

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
1,1-Dichloroethane	mg/Kg	0.100	0.0905	0.0725	90.5	72.5	60-140	22.0*	20
1,2-Dichloroethane	mg/Kg	0.100	0.105	0.0784	105	78.4	60-140	29.0*	20
1,1-Dichloroethene	mg/Kg	0.100	0.0871	0.0692	87.1	69.2	60-140	22.9*	20
cis-1,2-Dichloroethene	mg/Kg	0.100	0.101	0.0763	101	76.3	60-140	27.8*	20
trans-1,2-Dichloroethene	mg/Kg	0.100	0.0895	0.0702	89.5	70.2	60-140	24.1*	20
1,2-Dichloropropane	mg/Kg	0.100	0.0905	0.0773	90.5	77.3	60-140	15.7	20
1,3-Dichloropropane	mg/Kg	0.100	0.0903	0.0796	90.3	79.6	60-140	12.5	20
2,2-Dichloropropane	mg/Kg	0.100	0.0912	0.0678	91.2	67.8	60-140	29.4*	20
1,1-Dichloropropene	mg/Kg	0.100	0.0907	0.0709	90.7	70.9	60-140	24.5*	20
cis-1,3-Dichloropropene	mg/Kg	0.100	0.0883	0.0749	88.3	74.9	60-140	16.4	20
trans-1,3-Dichloropropene	mg/Kg	0.100	0.0887	0.0745	88.7	74.5	60-140	17.4	20
Ethylbenzene	mg/Kg	0.100	0.0922	0.0797	92.2	79.7	60-140	14.5	20
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/Kg	0.100	0.0846	0.0677	84.6	67.7	60-140	22.1*	20
Hexachlorobutadiene	mg/Kg	0.100	0.0814	0.0696	81.4	69.6	40-160	15.6	20
2-Hexanone	mg/Kg	0.100	0.0935	0.0797	93.5	79.7	40-140	15.9	20
Isopropylbenzene	mg/Kg	0.100	0.0863	0.0746	86.3	74.6	60-140	14.5	20
4-Isopropyl toluene	mg/Kg	0.100	0.0875	0.0768	87.5	76.8	60-140	13.0	20
Methyl Acetate	mg/Kg	0.100	0.0934	0.0720	93.4	72.0	50-150	25.8*	20
4-Methyl-2-Pentanone	mg/Kg	0.100	0.0929	0.0803	92.9	80.3	40-140	14.5	20
Methylcyclohexane	mg/Kg	0.100	0.0776	0.0696	77.6	69.6	40-160	10.8	20
Methylene Chloride	mg/Kg	0.100	0.0954	0.0741	95.4	74.1	60-140	25.1*	20
Methyl tert-butyl ether (MTBE)	mg/Kg	0.100	0.0983	0.0726	98.3	72.6	60-140	30.0*	20
m,p-Xylene	mg/Kg	0.200	0.181	0.156	90.5	78.0	60-140	14.8	20
o-Xylene	mg/Kg	0.100	0.0900	0.0775	90.0	77.5	60-140	14.9	20
n-Propylbenzene	mg/Kg	0.100	0.0868	0.0753	86.8	75.3	60-140	14.1	20
Styrene	mg/Kg	0.100	0.0884	0.0753	88.4	75.3	60-140	16.0	20

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0013

QC Prep: L799582 **QC Analytical Batch(es):** L799700
QC Prep Batch Method: 5035 **Analysis Method:** 8260B
Analysis Description: Volatile Organic Compounds - GC/MS

Laboratory Control Sample & LCSD LCS-L799582 LCSD-L799582

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
1,1,1,2-Tetrachloroethane	mg/Kg	0.100	0.0847	0.0728	84.7	72.8	60-140	15.1	20
1,1,2,2-Tetrachloroethane	mg/Kg	0.100	0.0982	0.0851	98.2	85.1	60-140	14.2	20
Tetrachloroethene	mg/Kg	0.100	0.0859	0.0757	85.9	75.7	60-140	12.6	20
Toluene	mg/Kg	0.100	0.0908	0.0787	90.8	78.7	60-140	14.2	20
1,2,3-Trichlorobenzene	mg/Kg	0.100	0.0893	0.0737	89.3	73.7	60-140	19.1	20
1,2,4-Trichlorobenzene	mg/Kg	0.100	0.0893	0.0742	89.3	74.2	60-140	18.4	20
1,1,1-Trichloroethane	mg/Kg	0.100	0.0958	0.0734	95.8	73.4	60-140	26.4*	20
1,1,2-Trichloroethane	mg/Kg	0.100	0.0943	0.0814	94.3	81.4	60-140	14.6	20
Trichloroethene	mg/Kg	0.100	0.0844	0.0746	84.4	74.6	60-140	12.3	20
Trichlorofluoromethane	mg/Kg	0.100	0.0910	0.0878	91.0	87.8	60-140	3.5	20
1,2,3-Trichloropropane	mg/Kg	0.100	0.0948	0.0828	94.8	82.8	60-140	13.5	20
1,2,3-Trimethylbenzene	mg/Kg	0.141	0.152	0.160	108	113	60-140	5.1	20
1,2,4-Trimethylbenzene	mg/Kg	0.100	0.0885	0.0752	88.5	75.2	60-140	16.2	20
1,3,5-Trimethylbenzene	mg/Kg	0.100	0.0887	0.0768	88.7	76.8	60-140	14.3	20
Vinyl Chloride	mg/Kg	0.100	0.0821	0.0792	82.1	79.2	60-140	3.5	20
4-Bromofluorobenzene (S)					88.6	75.8	60-140		
1,2-Dichloroethane - d4 (S)					107	78.8	60-140		
Toluene-d8 (S)					88.2	76.1	60-140		

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0013

QC Prep: L798992 **QC Analytical Batch(es):** L799367
QC Prep Batch Method: 3550B **Analysis Method:** 8270D SIM
Analysis Description: Semivolatile Organic Compounds - GC/MS (SIM)

Lab Reagent Blank LRB-L798992 Matrix: SOL
Associated Lab Samples: 87262, 87263, 87264

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery	% Rec Limits
Acenaphthene	mg/Kg	<0.000304	0.000304	0.000670	02/10/25 16:58		
Acenaphthylene	mg/Kg	<0.000270	0.000270	0.000670	02/10/25 16:58		
Anthracene	mg/Kg	<0.000334	0.000334	0.000670	02/10/25 16:58		
Benzo(a)anthracene	mg/Kg	<0.000493	0.000493	0.000670	02/10/25 16:58		
Benzo(a)pyrene	mg/Kg	<0.000468	0.000468	0.000670	02/10/25 16:58		
Benzo(b)fluoranthene	mg/Kg	<0.000585	0.000585	0.000670	02/10/25 16:58		
Benzo(g,h,i)perylene	mg/Kg	<0.000639	0.000639	0.000670	02/10/25 16:58		
Benzo(k)fluoranthene	mg/Kg	<0.000437	0.000437	0.000670	02/10/25 16:58		
Chrysene	mg/Kg	<0.000624	0.000624	0.000670	02/10/25 16:58		
Dibenz(a,h)anthracene	mg/Kg	<0.000614	0.000614	0.000670	02/10/25 16:58		
Fluoranthene	mg/Kg	<0.000394	0.000394	0.000670	02/10/25 16:58		
Fluorene	mg/Kg	<0.000286	0.000286	0.000670	02/10/25 16:58		
Indeno(1,2,3-cd)pyrene	mg/Kg	<0.000627	0.000627	0.000670	02/10/25 16:58		
1-Methylnaphthalene	mg/Kg	<0.00109	0.00109	0.00201	02/10/25 16:58		
2-Methylnaphthalene	mg/Kg	<0.00194	0.00194	0.00201	02/10/25 16:58		
Naphthalene	mg/Kg	<0.00145	0.00145	0.00201	02/10/25 16:58		
Phenanthrene	mg/Kg	<0.000421	0.000421	0.000670	02/10/25 16:58		
Pyrene	mg/Kg	<0.000643	0.000643	0.000670	02/10/25 16:58		
2-Fluorobiphenyl (S)					02/10/25 16:58	70.8	33-115
Nitrobenzene-d5 (S)					02/10/25 16:58	81.0	29-110
4-Terphenyl-d14 (S)					02/10/25 16:58	83.1	33-122

Laboratory Control Sample LCS-L798992

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Acenaphthene	mg/Kg	0.167	0.101	60.4	30-130
Acenaphthylene	mg/Kg	0.167	0.0956	57.2	30-130

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0013

QC Prep: L798992 **QC Analytical Batch(es):** L799367
QC Prep Batch Method: 3550B **Analysis Method:** 8270D SIM
Analysis Description: Semivolatile Organic Compounds - GC/MS (SIM)

Laboratory Control Sample LCS-L798992

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Anthracene	mg/Kg	0.167	0.104	62.2	30-130
Benzo(a)anthracene	mg/Kg	0.167	0.112	67.0	30-130
Benzo(a)pyrene	mg/Kg	0.167	0.123	73.6	30-130
Benzo(b)fluoranthene	mg/Kg	0.167	0.0943	56.4	30-130
Benzo(g,h,i)perylene	mg/Kg	0.167	0.102	61.0	30-130
Benzo(k)fluoranthene	mg/Kg	0.167	0.106	63.4	30-130
Chrysene	mg/Kg	0.167	0.115	68.8	30-130
Dibenz(a,h)anthracene	mg/Kg	0.167	0.126	75.4	30-130
Fluoranthene	mg/Kg	0.167	0.115	68.8	30-130
Fluorene	mg/Kg	0.167	0.109	65.2	30-130
Indeno(1,2,3-cd)pyrene	mg/Kg	0.167	0.115	68.8	30-130
1-Methylnaphthalene	mg/Kg	0.167	0.0970	58.0	30-130
2-Methylnaphthalene	mg/Kg	0.167	0.0956	57.2	30-130
Naphthalene	mg/Kg	0.167	0.0945	56.5	30-130
Phenanthrene	mg/Kg	0.167	0.110	65.8	30-130
Pyrene	mg/Kg	0.167	0.115	68.8	30-130
2-Fluorobiphenyl (S)				65.4	33-115
Nitrobenzene-d5 (S)				70.2	29-110
4-Terphenyl-d14 (S)				73.8	33-122

Matrix Spike & Matrix Spike Duplicate L 85313-MS-L798992 L 85313-MSD-L798992

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Acenaphthene	mg/Kg	<0.000304	0.166	0.164	0.108	0.107	65.0	65.2	30-130	0.9	30
Acenaphthylene	mg/Kg	<0.000270	0.166	0.164	0.103	0.102	62.0	62.1	30-130	0.9	30
Anthracene	mg/Kg	<0.000334	0.166	0.164	0.110	0.111	66.2	67.6	30-130	0.9	30

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0013

QC Prep: L798992 **QC Analytical Batch(es):** L799367
QC Prep Batch Method: 3550B **Analysis Method:** 8270D SIM
Analysis Description: Semivolatile Organic Compounds - GC/MS (SIM)

Matrix Spike & Matrix Spike Duplicate L 85313-MS-L798992 L 85313-MSD-L798992

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Benzo(a)anthracene	mg/Kg	<0.000493	0.166	0.164	0.117	0.118	70.4	71.9	30-130	0.8	30
Benzo(a)pyrene	mg/Kg	<0.000468	0.166	0.164	0.123	0.128	74.0	78.0	30-130	3.9	30
Benzo(b)fluoranthene	mg/Kg	<0.000585	0.166	0.164	0.101	0.0936	60.8	57.0	30-130	7.6	30
Benzo(g,h,i)perylene	mg/Kg	<0.000639	0.166	0.164	0.107	0.110	64.4	67.0	30-130	2.7	30
Benzo(k)fluoranthene	mg/Kg	<0.000437	0.166	0.164	0.109	0.0977	65.6	59.5	30-130	10.9	30
Chrysene	mg/Kg	<0.000624	0.166	0.164	0.117	0.118	70.4	71.9	30-130	0.8	30
Dibenz(a,h)anthracene	mg/Kg	<0.000614	0.166	0.164	0.131	0.133	78.9	81.0	30-130	1.5	30
Fluoranthene	mg/Kg	<0.000394	0.166	0.164	0.0943	0.102	56.8	62.1	30-130	7.8	30
Fluorene	mg/Kg	<0.000286	0.166	0.164	0.115	0.116	69.2	70.7	30-130	0.8	30
Indeno(1,2,3-cd)pyrene	mg/Kg	<0.000627	0.166	0.164	0.119	0.120	71.6	73.1	30-130	0.8	30
1-Methylnaphthalene	mg/Kg	<0.00109	0.166	0.164	0.105	0.101	63.2	61.5	30-130	3.8	30
2-Methylnaphthalene	mg/Kg	<0.00194	0.166	0.164	0.103	0.0994	62.0	60.6	30-130	3.5	30
Naphthalene	mg/Kg	<0.00145	0.166	0.164	0.0990	0.0951	59.6	57.9	30-130	4.0	30
Phenanthrene	mg/Kg	<0.000421	0.166	0.164	0.115	0.117	69.2	71.3	30-130	1.7	30
Pyrene	mg/Kg	<0.000643	0.166	0.164	0.117	0.118	70.4	71.9	30-130	0.8	30
2-Fluorobiphenyl (S)							64.4	61.2	33-115		
Nitrobenzene-d5 (S)							70.4	72.2	29-110		
4-Terphenyl-d14 (S)							68.0	68.9	33-122		

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0013

QC Prep: L799102 **QC Analytical Batch(es):** L799622
QC Prep Batch Method: 3550B **Analysis Method:** 8270D SIM
Analysis Description: Semivolatile Organic Compounds - GC/MS (SIM)

Lab Reagent Blank LRB-L799102 Matrix: SOL
Associated Lab Samples: 87265, 87266, 87267, 87268, 87269, 87270, 87271

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery	% Rec Limits
Acenaphthene	mg/Kg	<0.000304	0.000304	0.000670	02/11/25 15:02		
Acenaphthylene	mg/Kg	<0.000270	0.000270	0.000670	02/11/25 15:02		
Anthracene	mg/Kg	<0.000334	0.000334	0.000670	02/11/25 15:02		
Benzo(a)anthracene	mg/Kg	<0.000493	0.000493	0.000670	02/11/25 15:02		
Benzo(a)pyrene	mg/Kg	<0.000468	0.000468	0.000670	02/11/25 15:02		
Benzo(b)fluoranthene	mg/Kg	<0.000585	0.000585	0.000670	02/11/25 15:02		
Benzo(g,h,i)perylene	mg/Kg	<0.000639	0.000639	0.000670	02/11/25 15:02		
Benzo(k)fluoranthene	mg/Kg	<0.000437	0.000437	0.000670	02/11/25 15:02		
Chrysene	mg/Kg	<0.000624	0.000624	0.000670	02/11/25 15:02		
Dibenz(a,h)anthracene	mg/Kg	<0.000614	0.000614	0.000670	02/11/25 15:02		
Fluoranthene	mg/Kg	<0.000394	0.000394	0.000670	02/11/25 15:02		
Fluorene	mg/Kg	<0.000286	0.000286	0.000670	02/11/25 15:02		
Indeno(1,2,3-cd)pyrene	mg/Kg	<0.000627	0.000627	0.000670	02/11/25 15:02		
1-Methylnaphthalene	mg/Kg	<0.00109	0.00109	0.00201	02/11/25 15:02		
2-Methylnaphthalene	mg/Kg	<0.00194	0.00194	0.00201	02/11/25 15:02		
Naphthalene	mg/Kg	<0.00145	0.00145	0.00201	02/11/25 15:02		
Phenanthrene	mg/Kg	<0.000421	0.000421	0.000670	02/11/25 15:02		
Pyrene	mg/Kg	<0.000643	0.000643	0.000670	02/11/25 15:02		
2-Fluorobiphenyl (S)					02/11/25 15:02	47.1	33-115
Nitrobenzene-d5 (S)					02/11/25 15:02	63.6	29-110
4-Terphenyl-d14 (S)					02/11/25 15:02	70.2	33-122

Laboratory Control Sample LCS-L799102

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Acenaphthene	mg/Kg	0.167	0.0934	55.9	30-130
Acenaphthylene	mg/Kg	0.167	0.0949	56.8	30-130

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0013

QC Prep: L799102 **QC Analytical Batch(es):** L799622
QC Prep Batch Method: 3550B **Analysis Method:** 8270D SIM
Analysis Description: Semivolatile Organic Compounds - GC/MS (SIM)

Laboratory Control Sample LCS-L799102

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Anthracene	mg/Kg	0.167	0.0919	55.0	30-130
Benzo(a)anthracene	mg/Kg	0.167	0.113	67.6	30-130
Benzo(a)pyrene	mg/Kg	0.167	0.114	68.2	30-130
Benzo(b)fluoranthene	mg/Kg	0.167	0.115	68.8	30-130
Benzo(g,h,i)perylene	mg/Kg	0.167	0.109	65.2	30-130
Benzo(k)fluoranthene	mg/Kg	0.167	0.108	64.6	30-130
Chrysene	mg/Kg	0.167	0.0946	56.6	30-130
Dibenz(a,h)anthracene	mg/Kg	0.167	0.126	75.4	30-130
Fluoranthene	mg/Kg	0.167	0.110	65.8	30-130
Fluorene	mg/Kg	0.167	0.100	59.8	30-130
Indeno(1,2,3-cd)pyrene	mg/Kg	0.167	0.121	72.4	30-130
1-Methylnaphthalene	mg/Kg	0.167	0.0693	41.4	30-130
2-Methylnaphthalene	mg/Kg	0.167	0.0784	46.9	30-130
Naphthalene	mg/Kg	0.167	0.0648	38.8	30-130
Phenanthrene	mg/Kg	0.167	0.0988	59.1	30-130
Pyrene	mg/Kg	0.167	0.108	64.6	30-130
2-Fluorobiphenyl (S)				47.1	33-115
Nitrobenzene-d5 (S)				65.4	29-110
4-Terphenyl-d14 (S)				75.0	33-122

Matrix Spike & Matrix Spike Duplicate L 87286-MS-L799102 L 87286-MSD-L799102

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Acenaphthene	mg/Kg	<0.000304	0.166	0.165	0.0936	0.0891	56.3	54.0	30-130	4.9	30
Acenaphthylene	mg/Kg	<0.000270	0.166	0.165	0.0941	0.0898	56.6	54.4	30-130	4.6	30
Anthracene	mg/Kg	<0.000334	0.166	0.165	0.0938	0.0856	56.5	51.8	30-130	9.1	30

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0013

QC Prep: L799102 **QC Analytical Batch(es):** L799622
QC Prep Batch Method: 3550B **Analysis Method:** 8270D SIM
Analysis Description: Semivolatile Organic Compounds - GC/MS (SIM)

Matrix Spike & Matrix Spike Duplicate L 87286-MS-L799102 L 87286-MSD-L799102

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Benzo(a)anthracene	mg/Kg	<0.000493	0.166	0.165	0.115	0.106	69.2	64.2	30-130	8.1	30
Benzo(a)pyrene	mg/Kg	<0.000468	0.166	0.165	0.110	0.103	66.2	62.4	30-130	6.5	30
Benzo(b)fluoranthene	mg/Kg	<0.000585	0.166	0.165	0.118	0.110	71.0	66.6	30-130	7.0	30
Benzo(g,h,i)perylene	mg/Kg	<0.000639	0.166	0.165	0.104	0.100	62.6	60.6	30-130	3.9	30
Benzo(k)fluoranthene	mg/Kg	<0.000437	0.166	0.165	0.110	0.106	66.2	64.2	30-130	3.7	30
Chrysene	mg/Kg	<0.000624	0.166	0.165	0.0901	0.0836	54.2	50.6	30-130	7.4	30
Dibenz(a,h)anthracene	mg/Kg	<0.000614	0.166	0.165	0.116	0.113	69.8	68.4	30-130	2.6	30
Fluoranthene	mg/Kg	<0.000394	0.166	0.165	0.106	0.0949	63.8	57.5	30-130	11.0	30
Fluorene	mg/Kg	0.000512	0.166	0.165	0.105	0.0996	62.9	60.0	30-130	5.2	30
Indeno(1,2,3-cd)pyrene	mg/Kg	<0.000627	0.166	0.165	0.114	0.111	68.6	67.2	30-130	2.6	30
1-Methylnaphthalene	mg/Kg	<0.00109	0.166	0.165	0.0658	0.0608	39.6	36.8	30-130	7.8	30
2-Methylnaphthalene	mg/Kg	<0.00194	0.166	0.165	0.0749	0.0707	45.1	42.8	30-130	5.7	30
Naphthalene	mg/Kg	<0.00145	0.166	0.165	0.0613	0.0590	36.9	35.7	30-130	3.8	30
Phenanthrene	mg/Kg	0.000690	0.166	0.165	0.104	0.0983	62.2	59.1	30-130	5.6	30
Pyrene	mg/Kg	<0.000643	0.166	0.165	0.104	0.0942	62.6	57.0	30-130	9.8	30
2-Fluorobiphenyl (S)							40.6	39.6	33-115		
Nitrobenzene-d5 (S)							56.3	55.1	29-110		
4-Terphenyl-d14 (S)							63.5	56.0	33-122		



Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0013

QC Analytical Batch: L799281
Analysis Method: SW-DRYWT
Analysis Description: Dry Weight Determination

Duplicate V 91960-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Moisture	%	14.2	13.5	5.0	20.0	02/11/25 10:22

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0013

QC Analytical Batch: L799282
Analysis Method: SW-DRYWT
Analysis Description: Dry Weight Determination

Duplicate L 87270-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Moisture	%	11.4	11.5	0.8	20.0	02/11/25 10:31

Shipment Receipt Form

Customer Number: **05143**

Customer Name: **LaBella Associates**

Report Number: **25-038-0013**

Shipping Method

☒ Fed Ex	☐ US Postal	☐ Lab	☐ Other :	
☐ UPS	☐ Client	☐ Courier	Thermometer ID:	T135

Shipping container/cooler uncompromised?	☒ Yes	☐ No	
Number of coolers/boxes received	1		
Custody seals intact on shipping container/cooler?	☐ Yes	☐ No	☒ Not Present
Custody seals intact on sample bottles?	☐ Yes	☐ No	☒ Not Present
Chain of Custody (COC) present?	☒ Yes	☐ No	
COC agrees with sample label(s)?	☒ Yes	☐ No	
COC properly completed	☒ Yes	☐ No	
Samples in proper containers?	☒ Yes	☐ No	
Sample containers intact?	☒ Yes	☐ No	
Sufficient sample volume for indicated test(s)?	☒ Yes	☐ No	
All samples received within holding time?	☒ Yes	☐ No	
Cooler temperature in compliance?	☒ Yes	☐ No	☐ Not Present
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	☒ Yes	☐ No	
Water - Sample containers properly preserved	☐ Yes	☐ No	☒ N/A
Water - VOA vials free of headspace	☐ Yes	☐ No	☒ N/A
Trip Blanks received with VOAs	☐ Yes	☐ No	☒ N/A
Soil VOA method 5035 – compliance criteria met	☐ Yes	☐ No	☒ N/A
☐ High concentration container (48 hr)	☐ Low concentration EnCore samplers (48 hr)		
☒ High concentration pre-weighed (methanol -14 d)	☒ Low conc pre-weighed vials (Sod Bis -14 d)		
Special precautions or instructions included?	☐ Yes	☒ No	

Comments:

Signature:

Noah Shaw

Date & Time:

02/07/2025 09:11:17

Client Name/Address		Client Project Manager/Contact		Billing Information		For Laboratory Use Only	
LaBella Associates 525 Mineral Trace Hoover, AL		David Wall		☐ RUSH - Additional charges apply ☐ Special Detection Limit(s) ☐ Date Results Needed		Method of Shipment ☒ Fed Ex ☐ UPS ☐ Courier ☐ Client Drop Off ☐ Other	
Project Description Kennedy Galvanizing		Project/Site Location (City/State) Hanceville, AL		Project Manager Email dwall@labella-pc.com		Matrix Key WW - Wastewater GW - Groundwater DW - Drinking Water S - Soil / Solid O - Oil P - Product M - Misc	
Project Number 2251182		Project Manager Phone # 2059854874		Purchase Order Number		Site/Facility ID #	
 2790 Whitten Road Memphis, TN 38133 (901) 213-2400		Sample Identification Unless noted, all containers per Table II of 40 CFR Part 136.		Number of Containers Matrix (Refer to Key)		Required Analysis / Preservation VOC PAH Hex. Chromium Asbestos & Metals Zinc	
Date	Time	Sample Identification		(G)rab or (C)omposite	VOC	PAH	Hex.
2/5/25	1339	SP-1		G	X	X	X
2/5/25	1449	SBS-2A		G	X	X	X
2/5/25	1505	SBS-2B		G	X	X	X
2/5/25	1528	SFS-1		G	X	X	X
2/5/25	1542	SFS-3		G	X	X	X
2/6/25	0927	SBS-1A		G	X	X	X
2/6/25	0930	SBS-1B		G	X	X	X
2/6/25	1120	SFS-2		G	X	X	X
2/6/25	1035	SBS-5A		G	X	X	X
2/6/25	1030	SBS-5B		G	X	X	X
For Laboratory Use Only				Client Remarks/Comments			
Custody Seals		Lab Comments		Date Time Received by: (SIGNATURE) Date Time Received by: (SIGNATURE) Date Time Received by: (SIGNATURE)			
 Blank/Cooler Temp 71.35 3.4 NT 5.4		Relinquished by: (SIGNATURE) Relinquished by: (SIGNATURE) Relinquished by: (SIGNATURE)		Date Time Received by: (SIGNATURE) Date Time Received by: (SIGNATURE) Date Time Received by: (SIGNATURE)			

25-038-0013
05143
02-07-2025
09:10:55

LaBella Associates
Kennedy Galvanizing

2/17/2025

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover, AL, 35244

Ref: Analytical Testing
Lab Report Number: 25-038-0012
Client Project Description: Kennedy Galvanizing
Hanceville, AL
Project #2251182

Dear Mr. David Wall:

Waypoint Analytical, LLC. received sample(s) on 2/7/2025 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method. Where the laboratory was not responsible for the sampling stage (refer to the chain of custody) results apply to the sample as received.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2021) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,



Rebekah Ross
Project Manager

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.



Certification Summary

Laboratory ID: WP MTN: Waypoint Analytical, LLC., Memphis, TN

State	Program	Lab ID	Expiration Date
Alabama	State Program	40750	02/28/2025
Arkansas	State Program	88-0650	02/07/2025
California	State Program	2904	06/30/2025
Florida	State Program - NELAP	E871157	06/30/2025
Georgia	State Program	C044	11/14/2025
Georgia	State Program	04015	06/30/2025
Illinois	State Program - NELAP	200078	10/31/2025
Kentucky	State Program	KY90047	12/31/2025
Kentucky	State Program	80215	06/30/2025
Kentucky	State Program	KY90047	12/31/2025
Louisiana	State Program - NELAP	LA037	12/31/2025
Louisiana	State Program - NELAP	04015	06/30/2025
Mississippi	State Program	MS	11/14/2025
North Carolina	State Program	47701	07/31/2025
North Carolina	State Program	415	12/31/2025
Pennsylvania	State Program - NELAP	68-03195	05/31/2025
South Carolina	State Program	84002	06/30/2025
Tennessee	State Program	02027	11/14/2025
Texas	State Program - NELAP	T104704180	09/30/2025
Virginia	State Program	00106	06/30/2025
Virginia	State Program - NELAP	460181	09/14/2025



Sample Summary Table

Report Number: 25-038-0012
Client Project Description: Kennedy Galvanizing
Hanceville, AL
Project #2251182

Lab No	Client Sample ID	Matrix	Date Collected	Date Received
87258	SFS-3	TCLP	02/05/2025 15:42	02/07/2025
87259	SFS-2	TCLP	02/06/2025 11:20	02/07/2025

Summary of Detected Analytes

Project: Kennedy Galvanizing

Report Number: 25-038-0012

Client Sample ID	Lab Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
SFS-3	L 87258					
1311	TCLP Metals Extraction	Leachate			02/11/2025 13:30	
6010D	TCLP Barium	0.250	mg/L	0.0400	02/15/2025 22:19	
6010D	TCLP Selenium	0.0580	mg/L	0.0400	02/15/2025 22:19	J
SFS-2	L 87259					
1311	TCLP Metals Extraction	Leachate			02/11/2025 13:30	
6010D	TCLP Barium	0.263	mg/L	0.0400	02/15/2025 22:24	

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/17/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0012**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87258**

Matrix: **TCLP**

Sample ID : **SFS-3**

Sampled: **2/5/2025 15:42**

Analytical Method: 1311

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Metals Extraction	Leachate				1	02/11/25 13:30	TJT	L799391

Analytical Method: 6010D

Prep Batch(es): **L800106** 02/14/25 11:39

Prep Method: 3015A

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<0.0600	mg/L	0.0600	0.250	1	02/15/25 22:19	BKN	L800272
TCLP Barium	0.250	mg/L	0.0400	0.250	1	02/15/25 22:19	BKN	L800272
TCLP Cadmium	<0.0100	mg/L	0.0100	0.0500	1	02/15/25 22:19	BKN	L800272
TCLP Chromium	<0.0400	mg/L	0.0400	0.100	1	02/15/25 22:19	BKN	L800272
TCLP Lead	<0.0300	mg/L	0.0300	0.100	1	02/15/25 22:19	BKN	L800272
TCLP Selenium	0.0580 J	mg/L	0.0400	0.500	1	02/15/25 22:19	BKN	L800272
TCLP Silver	<0.0300	mg/L	0.0300	0.0500	1	02/15/25 22:19	BKN	L800272

Analytical Method: 7470A

Prep Batch(es): **L799771** 02/13/25 09:30

Prep Method: 7470A

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0026	mg/L	0.0026	0.0200	1	02/13/25 15:33	JTR	L799990

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/17/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0012**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87259**

Matrix: **TCLP**

Sample ID : **SFS-2**

Sampled: **2/6/2025 11:20**

Analytical Method: 1311

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Metals Extraction	Leachate				1	02/11/25 13:30	TJT	L799391

Analytical Method: 6010D

Prep Batch(es): **L800106** 02/14/25 11:39

Prep Method: 3015A

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<0.0600	mg/L	0.0600	0.250	1	02/15/25 22:24	BKN	L800272
TCLP Barium	0.263	mg/L	0.0400	0.250	1	02/15/25 22:24	BKN	L800272
TCLP Cadmium	<0.0100	mg/L	0.0100	0.0500	1	02/15/25 22:24	BKN	L800272
TCLP Chromium	<0.0400	mg/L	0.0400	0.100	1	02/15/25 22:24	BKN	L800272
TCLP Lead	<0.0300	mg/L	0.0300	0.100	1	02/15/25 22:24	BKN	L800272
TCLP Selenium	<0.0400	mg/L	0.0400	0.500	1	02/15/25 22:24	BKN	L800272
TCLP Silver	<0.0300	mg/L	0.0300	0.0500	1	02/15/25 22:24	BKN	L800272

Analytical Method: 7470A

Prep Batch(es): **L799771** 02/13/25 09:30

Prep Method: 7470A

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0026	mg/L	0.0026	0.0200	1	02/13/25 15:35	JTR	L799990

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0012

QC Prep: L800106
QC Prep Batch Method: 3015A
QC Analytical Batch(es): L800272,L800458
Analysis Method: 6010D
Analysis Description: Metals Analysis (TCLP)

Lab Reagent Blank LRB-L800106 Matrix: TCL
Associated Lab Samples: 87258, 87259

Parameter	Units	Blank Result	MDL	MQL	Analyzed
TCLP Arsenic	mg/L	<0.0600	0.0600	0.250	02/15/25 21:58
TCLP Barium	mg/L	<0.0400	0.0400	0.250	02/15/25 21:58
TCLP Cadmium	mg/L	<0.0100	0.0100	0.0500	02/15/25 21:58
TCLP Chromium	mg/L	<0.0400	0.0400	0.100	02/15/25 21:58
TCLP Lead	mg/L	<0.0300	0.0300	0.100	02/15/25 21:58
TCLP Selenium	mg/L	<0.0400	0.0400	0.500	02/15/25 21:58
TCLP Silver	mg/L	<0.0300	0.0300	0.0500	02/15/25 21:58

Laboratory Control Sample LCS-L800106

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
TCLP Arsenic	mg/L	1.00	1.07	107	80-120
TCLP Barium	mg/L	10.0	10.1	101	80-120
TCLP Cadmium	mg/L	1.00	1.01	101	80-120
TCLP Chromium	mg/L	10.0	11.4	114	80-120
TCLP Lead	mg/L	1.00	1.01	101	80-120
TCLP Selenium	mg/L	1.00	1.00	100	80-120
TCLP Silver	mg/L	1.00	0.993	99.0	80-120

Matrix Spike & Matrix Spike Duplicate L 87963-MS-L800106 L 87963-MSD-L800106

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Arsenic	mg/L	< 0.0600	5.00	5.00	5.09	5.13	102	103	75-125	0.7	20.0
TCLP Barium	mg/L	0.0970	50.0	50.0	53.0	53.4	106	107	75-125	0.7	20.0
TCLP Cadmium	mg/L	< 0.0100	5.00	5.00	5.22	5.25	104	105	75-125	0.5	20.0
TCLP Chromium	mg/L	< 0.0400	50.0	50.0	51.8	51.7	104	103	75-125	0.1	20.0

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0012

QC Prep: L800106
QC Prep Batch Method: 3015A
QC Analytical Batch(es): L800272,L800458
Analysis Method: 6010D
Analysis Description: Metals Analysis (TCLP)

Matrix Spike & Matrix Spike Duplicate L 87963-MS-L800106 L 87963-MSD-L800106

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Lead	mg/L	0.333	5.00	5.00	5.54	5.58	104	105	75-125	0.7	20.0
TCLP Selenium	mg/L	0.0760	5.00	5.00	5.07	5.13	100	101	75-125	1.1	20.0
TCLP Silver	mg/L	< 0.0300	5.00	5.00	5.05	5.11	101	102	75-125	1.1	20.0

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0012

QC Prep:	L799771	QC Analytical Batch(es):	L799990
QC Prep Batch Method:	7470A	Analysis Method:	7470A
		Analysis Description:	Total Aqueous Mercury Analysis - CVAA (TCLP)

Lab Reagent Blank LRB-L799771 Matrix: TCL
Associated Lab Samples: 87258, 87259

Parameter	Units	Blank Result	MDL	MQL	Analyzed
TCLP Mercury	mg/L	<0.0001	0.0001	0.0010	02/13/25 15:08

Laboratory Control Sample LCS-L799771

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
TCLP Mercury	mg/L	0.0040	0.0041	103	80-120

Matrix Spike & Matrix Spike Duplicate L 88222-MS-L799771 L 88222-MSD-L799771

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Mercury	mg/L	< 0.0026	0.0800	0.0800	0.0868	0.0864	109	108	80-120	0.4	20.0

Shipment Receipt Form

Customer Number: **05143**

Customer Name: **LaBella Associates**

Report Number: **25-038-0012**

Shipping Method

☒ Fed Ex	☐ US Postal	☐ Lab	☐ Other :	
☐ UPS	☐ Client	☐ Courier	Thermometer ID:	T135

Shipping container/cooler uncompromised?	☒ Yes	☐ No	
Number of coolers/boxes received	1		
Custody seals intact on shipping container/cooler?	☐ Yes	☐ No	☒ Not Present
Custody seals intact on sample bottles?	☐ Yes	☐ No	☒ Not Present
Chain of Custody (COC) present?	☒ Yes	☐ No	
COC agrees with sample label(s)?	☒ Yes	☐ No	
COC properly completed	☒ Yes	☐ No	
Samples in proper containers?	☒ Yes	☐ No	
Sample containers intact?	☒ Yes	☐ No	
Sufficient sample volume for indicated test(s)?	☒ Yes	☐ No	
All samples received within holding time?	☒ Yes	☐ No	
Cooler temperature in compliance?	☒ Yes	☐ No	☐ Not Present
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	☒ Yes	☐ No	
Water - Sample containers properly preserved	☐ Yes	☐ No	☒ N/A
Water - VOA vials free of headspace	☐ Yes	☐ No	☒ N/A
Trip Blanks received with VOAs	☐ Yes	☐ No	☒ N/A
Soil VOA method 5035 – compliance criteria met	☐ Yes	☐ No	☒ N/A
☐ High concentration container (48 hr)	☐ Low concentration EnCore samplers (48 hr)		
☐ High concentration pre-weighed (methanol -14 d)	☐ Low conc pre-weighed vials (Sod Bis -14 d)		
Special precautions or instructions included?	☐ Yes	☒ No	

Comments:

Signature:

Date & Time:

[illegible]

2/17/2025

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover, AL, 35244

Ref: Analytical Testing
Lab Report Number: 25-038-0011
Client Project Description: Kennedy Galvanizing
Hanceville, AL
Project #2251182

Dear Mr. David Wall:

Waypoint Analytical, LLC. received sample(s) on 2/7/2025 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method. Where the laboratory was not responsible for the sampling stage (refer to the chain of custody) results apply to the sample as received.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2021) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,



Rebekah Ross
Project Manager

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.



Certification Summary

Laboratory ID: WP MTN: Waypoint Analytical, LLC., Memphis, TN

State	Program	Lab ID	Expiration Date
Alabama	State Program	40750	02/28/2025
Arkansas	State Program	88-0650	02/07/2025
California	State Program	2904	06/30/2025
Florida	State Program - NELAP	E871157	06/30/2025
Georgia	State Program	C044	11/14/2025
Georgia	State Program	04015	06/30/2025
Illinois	State Program - NELAP	200078	10/31/2025
Kentucky	State Program	KY90047	12/31/2025
Kentucky	State Program	80215	06/30/2025
Kentucky	State Program	KY90047	12/31/2025
Louisiana	State Program - NELAP	LA037	12/31/2025
Louisiana	State Program - NELAP	04015	06/30/2025
Mississippi	State Program	MS	11/14/2025
North Carolina	State Program	47701	07/31/2025
North Carolina	State Program	415	12/31/2025
Pennsylvania	State Program - NELAP	68-03195	05/31/2025
South Carolina	State Program	84002	06/30/2025
Tennessee	State Program	02027	11/14/2025
Texas	State Program - NELAP	T104704180	09/30/2025
Virginia	State Program	00106	06/30/2025
Virginia	State Program - NELAP	460181	09/14/2025



Sample Summary Table

Report Number: 25-038-0011
Client Project Description: Kennedy Galvanizing
Hanceville, AL
Project #2251182

Lab No	Client Sample ID	Matrix	Date Collected	Date Received
87255	BFL-1	TCLP	02/05/2025 10:45	02/07/2025
87256	GS-1	TCLP	02/05/2025 10:45	02/07/2025

Summary of Detected Analytes

Project: Kennedy Galvanizing

Report Number: 25-038-0011

Client Sample ID	Lab Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
BFL-1	L 87255					
1311	TCLP Metals Extraction	Leachate			02/11/2025 13:30	
6010D	TCLP Barium	2.26	mg/L	0.0400	02/14/2025 03:35	
6010D	TCLP Cadmium	0.0330	mg/L	0.0100	02/14/2025 03:35	J
6010D	TCLP Lead	0.117	mg/L	0.0300	02/14/2025 03:35	
6010D	TCLP Selenium	0.0830	mg/L	0.0400	02/15/2025 15:08	J
GS-1	L 87256					
1311	TCLP Metals Extraction	Leachate			02/11/2025 13:30	
6010D	TCLP Barium	0.521	mg/L	0.0400	02/17/2025 11:51	
6010D	TCLP Cadmium	0.0420	mg/L	0.0100	02/17/2025 11:51	J
6010D	TCLP Lead	0.266	mg/L	0.0300	02/17/2025 11:51	
6010D	TCLP Selenium	0.0760	mg/L	0.0400	02/15/2025 22:03	J

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/17/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0011**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87255**

Matrix: **TCLP**

Sample ID : **BFL-1**

Sampled: **2/5/2025 10:45**

Analytical Method: 1311

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Metals Extraction	Leachate				1	02/11/25 13:30	TJT	L799391

Analytical Method: 6010D

Prep Batch(es): **L799880** 02/13/25 11:39

Prep Method: 3015A

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<0.0600	mg/L	0.0600	0.250	1	02/14/25 03:35	JTR	L800049
TCLP Barium	2.26	mg/L	0.0400	0.250	1	02/14/25 03:35	JTR	L800049
TCLP Cadmium	0.0330 J	mg/L	0.0100	0.0500	1	02/14/25 03:35	JTR	L800049
TCLP Chromium	<0.0400	mg/L	0.0400	0.100	1	02/14/25 03:35	JTR	L800049
TCLP Lead	0.117	mg/L	0.0300	0.100	1	02/14/25 03:35	JTR	L800049
TCLP Selenium	0.0830 J	mg/L	0.0400	0.500	1	02/15/25 15:08	BKN	L800272
TCLP Silver	<0.0300	mg/L	0.0300	0.0500	1	02/14/25 03:35	JTR	L800049

Analytical Method: 7470A

Prep Batch(es): **L799771** 02/13/25 09:30

Prep Method: 7470A

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0026	mg/L	0.0026	0.0200	1	02/13/25 15:27	JTR	L799990

**Qualifiers/
Definitions**

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing
Information : Hanceville, AL
Project #2251182

Report Date : 02/17/2025
Received : 02/07/2025

Rebekah Ross

Report Number : **25-038-0011**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **87256**

Matrix: **TCLP**

Sample ID : **GS-1**

Sampled: **2/5/2025 10:45**

Analytical Method: 1311

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Metals Extraction	Leachate				1	02/11/25 13:30	TJT	L799391

Analytical Method: 6010D

Prep Batch(es): **L800106** 02/14/25 11:39

Prep Method: 3015A

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<0.0600	mg/L	0.0600	0.250	1	02/15/25 22:03	BKN	L800272
TCLP Barium	0.521	mg/L	0.0400	0.250	1	02/17/25 11:51	BKN	L800458
TCLP Cadmium	0.0420 J	mg/L	0.0100	0.0500	1	02/17/25 11:51	BKN	L800458
TCLP Chromium	<0.0400	mg/L	0.0400	0.100	1	02/15/25 22:03	BKN	L800272
TCLP Lead	0.266	mg/L	0.0300	0.100	1	02/17/25 11:51	BKN	L800458
TCLP Selenium	0.0760 J	mg/L	0.0400	0.500	1	02/15/25 22:03	BKN	L800272
TCLP Silver	<0.0300	mg/L	0.0300	0.0500	1	02/15/25 22:03	BKN	L800272

Analytical Method: 7470A

Prep Batch(es): **L799771** 02/13/25 09:30

Prep Method: 7470A

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0026	mg/L	0.0026	0.0200	1	02/13/25 15:29	JTR	L799990

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit

J Estimated value

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0011

QC Prep: L799880
QC Prep Batch Method: 3015A
QC Analytical Batch(es): L799950,L799975,L800049,L800272
Analysis Method: 6010D
Analysis Description: Metals Analysis (TCLP)

Lab Reagent Blank LRB-L799880 Matrix: TCL
Associated Lab Samples: 87255

Parameter	Units	Blank Result	MDL	MQL	Analyzed
TCLP Arsenic	mg/L	<0.0600	0.0600	0.250	02/13/25 13:58
TCLP Barium	mg/L	<0.0400	0.0400	0.250	02/13/25 13:58
TCLP Cadmium	mg/L	<0.0100	0.0100	0.0500	02/13/25 13:58
TCLP Chromium	mg/L	<0.0400	0.0400	0.100	02/13/25 13:58
TCLP Lead	mg/L	<0.0300	0.0300	0.100	02/13/25 13:58
TCLP Selenium	mg/L	<0.0400	0.0400	0.500	02/13/25 13:06
TCLP Silver	mg/L	<0.0300	0.0300	0.0500	02/13/25 13:58

Laboratory Control Sample LCS-L799880

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
TCLP Arsenic	mg/L	1.00	0.995	100	80-120
TCLP Barium	mg/L	10.0	9.90	99.0	80-120
TCLP Cadmium	mg/L	1.00	1.01	101	80-120
TCLP Chromium	mg/L	10.0	11.1	111	80-120
TCLP Lead	mg/L	1.00	0.998	100	80-120
TCLP Selenium	mg/L	1.00	0.997	100	80-120
TCLP Silver	mg/L	1.00	1.06	106	80-120

Matrix Spike & Matrix Spike Duplicate L 87255-MS-L799880 L 87255-MSD-L799880

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Arsenic	mg/L	< 0.0600	5.00	5.00	4.72	4.69	94.0	94.0	75-125	0.6	20.0
TCLP Barium	mg/L	2.26	50.0	50.0	49.9	49.9	95.0	95.0	75-125	0.0	20.0
TCLP Cadmium	mg/L	0.0330	5.00	5.00	4.82	4.82	96.0	96.0	75-125	0.0	20.0
TCLP Chromium	mg/L	< 0.0400	50.0	50.0	48.8	49.0	98.0	98.0	75-125	0.4	20.0

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0011

QC Prep: L799880
QC Prep Batch Method: 3015A
QC Analytical Batch(es): L799950,L799975,L800049,L800272
Analysis Method: 6010D
Analysis Description: Metals Analysis (TCLP)

Matrix Spike & Matrix Spike Duplicate L 87255-MS-L799880 L 87255-MSD-L799880

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Lead	mg/L	0.117	5.00	5.00	4.80	4.82	94.0	94.0	75-125	0.4	20.0
TCLP Selenium	mg/L	0.0830	5.00	5.00	5.07	4.99	100	98.0	75-125	1.5	20.0
TCLP Silver	mg/L	< 0.0300	5.00	5.00	4.95	4.99	99.0	100	75-125	0.8	20.0

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0011

QC Prep: L800106
QC Prep Batch Method: 3015A
QC Analytical Batch(es): L800272,L800458
Analysis Method: 6010D
Analysis Description: Metals Analysis (TCLP)

Lab Reagent Blank LRB-L800106 Matrix: TCL
Associated Lab Samples: 87256

Parameter	Units	Blank Result	MDL	MQL	Analyzed
TCLP Arsenic	mg/L	<0.0600	0.0600	0.250	02/15/25 21:58
TCLP Barium	mg/L	<0.0400	0.0400	0.250	02/15/25 21:58
TCLP Cadmium	mg/L	<0.0100	0.0100	0.0500	02/15/25 21:58
TCLP Chromium	mg/L	<0.0400	0.0400	0.100	02/15/25 21:58
TCLP Lead	mg/L	<0.0300	0.0300	0.100	02/15/25 21:58
TCLP Selenium	mg/L	<0.0400	0.0400	0.500	02/15/25 21:58
TCLP Silver	mg/L	<0.0300	0.0300	0.0500	02/15/25 21:58

Laboratory Control Sample LCS-L800106

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
TCLP Arsenic	mg/L	1.00	1.07	107	80-120
TCLP Barium	mg/L	10.0	10.1	101	80-120
TCLP Cadmium	mg/L	1.00	1.01	101	80-120
TCLP Chromium	mg/L	10.0	11.4	114	80-120
TCLP Lead	mg/L	1.00	1.01	101	80-120
TCLP Selenium	mg/L	1.00	1.00	100	80-120
TCLP Silver	mg/L	1.00	0.993	99.0	80-120

Matrix Spike & Matrix Spike Duplicate L 87963-MS-L800106 L 87963-MSD-L800106

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Arsenic	mg/L	< 0.0600	5.00	5.00	5.09	5.13	102	103	75-125	0.7	20.0
TCLP Barium	mg/L	0.0970	50.0	50.0	53.0	53.4	106	107	75-125	0.7	20.0
TCLP Cadmium	mg/L	< 0.0100	5.00	5.00	5.22	5.25	104	105	75-125	0.5	20.0
TCLP Chromium	mg/L	< 0.0400	50.0	50.0	51.8	51.7	104	103	75-125	0.1	20.0

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0011

QC Prep: L800106
QC Prep Batch Method: 3015A
QC Analytical Batch(es): L800272,L800458
Analysis Method: 6010D
Analysis Description: Metals Analysis (TCLP)

Matrix Spike & Matrix Spike Duplicate L 87963-MS-L800106 L 87963-MSD-L800106

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Lead	mg/L	0.333	5.00	5.00	5.54	5.58	104	105	75-125	0.7	20.0
TCLP Selenium	mg/L	0.0760	5.00	5.00	5.07	5.13	100	101	75-125	1.1	20.0
TCLP Silver	mg/L	< 0.0300	5.00	5.00	5.05	5.11	101	102	75-125	1.1	20.0

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-038-0011

QC Prep: L799771
QC Prep Batch Method: 7470A
QC Analytical Batch(es): L799990
Analysis Method: 7470A
Analysis Description: Total Aqueous Mercury Analysis - CVAA (TCLP)

Lab Reagent Blank LRB-L799771 Matrix: TCL
Associated Lab Samples: 87255, 87256

Parameter	Units	Blank Result	MDL	MQL	Analyzed
TCLP Mercury	mg/L	<0.0001	0.0001	0.0010	02/13/25 15:08

Laboratory Control Sample LCS-L799771

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
TCLP Mercury	mg/L	0.0040	0.0041	103	80-120

Matrix Spike & Matrix Spike Duplicate L 88222-MS-L799771 L 88222-MSD-L799771

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Mercury	mg/L	< 0.0026	0.0800	0.0800	0.0868	0.0864	109	108	80-120	0.4	20.0

Shipment Receipt Form

Customer Number: **05143**

Customer Name: **LaBella Associates**

Report Number: **25-038-0011**

Shipping Method

☒ Fed Ex	☐ US Postal	☐ Lab	☐ Other :	
☐ UPS	☐ Client	☐ Courier	Thermometer ID:	T135

Shipping container/cooler uncompromised?	☒ Yes	☐ No	
Number of coolers/boxes received	1		
Custody seals intact on shipping container/cooler?	☐ Yes	☐ No	☒ Not Present
Custody seals intact on sample bottles?	☐ Yes	☐ No	☒ Not Present
Chain of Custody (COC) present?	☒ Yes	☐ No	
COC agrees with sample label(s)?	☒ Yes	☐ No	
COC properly completed	☒ Yes	☐ No	
Samples in proper containers?	☒ Yes	☐ No	
Sample containers intact?	☒ Yes	☐ No	
Sufficient sample volume for indicated test(s)?	☒ Yes	☐ No	
All samples received within holding time?	☒ Yes	☐ No	
Cooler temperature in compliance?	☒ Yes	☐ No	☐ Not Present
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	☒ Yes	☐ No	
Water - Sample containers properly preserved	☐ Yes	☐ No	☒ N/A
Water - VOA vials free of headspace	☐ Yes	☐ No	☒ N/A
Trip Blanks received with VOAs	☐ Yes	☐ No	☒ N/A
Soil VOA method 5035 – compliance criteria met	☐ Yes	☐ No	☒ N/A
☐ High concentration container (48 hr)	☐ Low concentration EnCore samplers (48 hr)		
☐ High concentration pre-weighed (methanol -14 d)	☐ Low conc pre-weighed vials (Sod Bis -14 d)		
Special precautions or instructions included?	☐ Yes	☒ No	

Comments:

Signature:

Noah Shaw

Date & Time:

02/07/2025 09:02:17

APPENDIX C

2/19/2025

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover, AL, 35244

Ref: Analytical Testing
Lab Report Number: 25-041-0035
Client Project Description: Kennedy Galvanizing
Project # 2251182

Dear Mr. David Wall:

Waypoint Analytical, LLC. received sample(s) on 2/10/2025 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method. Where the laboratory was not responsible for the sampling stage (refer to the chain of custody) results apply to the sample as received.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2021) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,



Rebekah Ross
Project Manager

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.



Certification Summary

Laboratory ID: WP MTN: Waypoint Analytical, LLC., Memphis, TN

State	Program	Lab ID	Expiration Date
Alabama	State Program	40750	02/28/2025
Arkansas	State Program	88-0650	02/07/2025
California	State Program	2904	06/30/2025
Florida	State Program - NELAP	E871157	06/30/2025
Georgia	State Program	C044	11/14/2025
Georgia	State Program	04015	06/30/2025
Illinois	State Program - NELAP	200078	10/31/2025
Kentucky	State Program	KY90047	12/31/2025
Kentucky	State Program	80215	06/30/2025
Kentucky	State Program	KY90047	12/31/2025
Louisiana	State Program - NELAP	LA037	12/31/2025
Louisiana	State Program - NELAP	04015	06/30/2025
Mississippi	State Program	MS	11/14/2025
North Carolina	State Program	47701	07/31/2025
North Carolina	State Program	415	12/31/2025
Pennsylvania	State Program - NELAP	68-03195	05/31/2025
South Carolina	State Program	84002	06/30/2025
Tennessee	State Program	02027	11/14/2025
Texas	State Program - NELAP	T104704180	09/30/2025
Virginia	State Program	00106	06/30/2025
Virginia	State Program - NELAP	460181	09/14/2025



Sample Summary Table

Report Number: 25-041-0035
Client Project Description: Kennedy Galvanizing
Project # 2251182

Lab No	Client Sample ID	Matrix	Date Collected	Date Received
88311	GW-2	Aqueous	02/07/2025 08:22	02/10/2025

Summary of Detected Analytes

Project: Kennedy Galvanizing

Report Number: 25-041-0035

Client Sample ID	Lab Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
GW-2	L 88311					
6010D	Dissolved Barium	0.0300	mg/L	0.0040	02/12/2025 23:07	
6010D	Dissolved Zinc	0.373	mg/L	0.0160	02/12/2025 23:07	
8260B	Acetone	0.019	mg/L	0.007	02/13/2025 22:53	J
8270D SIM	2-Methylnaphthalene	0.000015	mg/L	0.000014	02/13/2025 16:30	JB



Client: LaBella Associates
Project: Kennedy Galvanizing
Lab Report Number: 25-041-0035
Date: 2/18/2025

CASE NARRATIVE

Semivolatile Organic Compounds - GC/MS (SIM) Method 8270D SIM

Analyte: 2-Methylnaphthalene

QC Batch No: L800084/L799650

Target analyte(s) was identified in the method blank associated with this project, below the Method Quantitation Limit. Per laboratory protocol any associated affected sample result is flagged "B" to indicate that it was detected in the method blank.

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing

Information : Project # 2251182

Report Date : 02/19/2025
Received : 02/10/2025

Rebekah Ross

Report Number : **25-041-0035**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **88311**

Matrix: **Aqueous**

Sample ID : **GW-2**

Sampled: **2/7/2025 08:22**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Chromium, Hexavalent	<0.010	mg/L		0.010	1	02/17/25 09:30	HMR	3500CrB-2011
Dissolved Arsenic	<0.0060	mg/L	0.0060	0.0100	1	02/12/25 23:07	JTR	6010D
Dissolved Barium	0.0300	mg/L	0.0040	0.0100	1	02/12/25 23:07	JTR	6010D
Dissolved Cadmium	<0.0010	mg/L	0.0010	0.0020	1	02/12/25 23:07	JTR	6010D
Dissolved Chromium	<0.0040	mg/L	0.0040	0.0050	1	02/12/25 23:07	JTR	6010D
Dissolved Lead	<0.0030	mg/L	0.0030	0.0060	1	02/12/25 23:07	JTR	6010D
Dissolved Mercury	<0.00010	mg/L	0.00010	0.00020	1	02/17/25 16:18	JTR	7470A
Dissolved Selenium	<0.0040	mg/L	0.0040	0.0100	1	02/13/25 14:04	TJS	6010D
Dissolved Silver	<0.0030	mg/L	0.0030	0.0050	1	02/12/25 23:07	JTR	6010D
Dissolved Zinc	0.373	mg/L	0.0160	0.0200	1	02/12/25 23:07	JTR	6010D

Qualifiers/ Definitions

B Analyte detected in blank
J Estimated value

DF Dilution Factor
MQL Method Quantitation Limit

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing

Information : Project # 2251182

Report Date : 02/19/2025
Received : 02/10/2025

Rebekah Ross

Report Number : **25-041-0035**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **88311**

Matrix: **Aqueous**

Sample ID : **GW-2**

Sampled: **2/7/2025 08:22**

Analytical Method: 8260B **Prep Batch(es):** **L800065** 02/13/25 12:49 **L800304** 02/14/25 09:57
Prep Method: 5030B

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acetone	0.019 J	mg/L	0.007	0.020	1	02/13/25 22:53	JEG	L800071
Acrylonitrile	<0.003	mg/L	0.003	0.020	1	02/13/25 22:53	JEG	L800071
Benzene	<0.0008	mg/L	0.0008	0.001	1	02/13/25 22:53	JEG	L800071
Bromobenzene	<0.0007	mg/L	0.0007	0.001	1	02/13/25 22:53	JEG	L800071
Bromodichloromethane	<0.0006	mg/L	0.0006	0.001	1	02/13/25 22:53	JEG	L800071
Bromoform	<0.0008	mg/L	0.0008	0.001	1	02/13/25 22:53	JEG	L800071
Bromomethane	<0.0008	mg/L	0.0008	0.002	1	02/13/25 22:53	JEG	L800071
2-Butanone (MEK)	<0.003	mg/L	0.003	0.020	1	02/13/25 22:53	JEG	L800071
n-Butylbenzene	<0.0008	mg/L	0.0008	0.001	1	02/13/25 22:53	JEG	L800071
sec-Butyl benzene	<0.0007	mg/L	0.0007	0.001	1	02/13/25 22:53	JEG	L800071
tert-Butyl benzene	<0.0007	mg/L	0.0007	0.001	1	02/13/25 22:53	JEG	L800071
Carbon Disulfide	<0.0006	mg/L	0.0006	0.001	1	02/13/25 22:53	JEG	L800071
Carbon Tetrachloride	<0.0006	mg/L	0.0006	0.001	1	02/13/25 22:53	JEG	L800071
Chlorobenzene	<0.0007	mg/L	0.0007	0.001	1	02/13/25 22:53	JEG	L800071
Chlorodibromomethane	<0.0006	mg/L	0.0006	0.001	1	02/13/25 22:53	JEG	L800071
Chloroethane	<0.0008	mg/L	0.0008	0.001	1	02/13/25 22:53	JEG	L800071
Chloroform	<0.0010	mg/L	0.0010	0.001	1	02/13/25 22:53	JEG	L800071
Chloromethane	<0.0010	mg/L	0.0010	0.001	1	02/13/25 22:53	JEG	L800071
2-Chlorotoluene	<0.0007	mg/L	0.0007	0.001	1	02/13/25 22:53	JEG	L800071
4-Chlorotoluene	<0.0008	mg/L	0.0008	0.001	1	02/13/25 22:53	JEG	L800071
Cyclohexane	<0.002	mg/L	0.002	0.005	1	02/13/25 22:53	JEG	L800071
Di-Isopropyl Ether (DIPE)	<0.002	mg/L	0.002	0.020	1	02/13/25 22:53	JEG	L800071

Qualifiers/	B	Analyte detected in blank	DF	Dilution Factor
Definitions	J	Estimated value	MQL	Method Quantitation Limit

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing

Information : Project # 2251182

Report Date : 02/19/2025
Received : 02/10/2025

Rebekah Ross

Report Number : **25-041-0035**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **88311**

Matrix: **Aqueous**

Sample ID : **GW-2**

Sampled: **2/7/2025 08:22**

Analytical Method: 8260B **Prep Batch(es):** **L800065** 02/13/25 12:49 **L800304** 02/14/25 09:57
Prep Method: 5030B

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2-Dibromo-3-Chloropropane	<0.0008	mg/L	0.0008	0.002	1	02/13/25 22:53	JEG	L800071
1,2-Dibromoethane	<0.0007	mg/L	0.0007	0.001	1	02/13/25 22:53	JEG	L800071
Dibromomethane	<0.0007	mg/L	0.0007	0.001	1	02/13/25 22:53	JEG	L800071
1,2-Dichlorobenzene	<0.0010	mg/L	0.0010	0.001	1	02/13/25 22:53	JEG	L800071
1,3-Dichlorobenzene	<0.0010	mg/L	0.0010	0.001	1	02/13/25 22:53	JEG	L800071
1,4-Dichlorobenzene	<0.0009	mg/L	0.0009	0.001	1	02/13/25 22:53	JEG	L800071
Dichlorodifluoromethane	<0.0008	mg/L	0.0008	0.001	1	02/13/25 22:53	JEG	L800071
1,1-Dichloroethane	<0.0007	mg/L	0.0007	0.001	1	02/13/25 22:53	JEG	L800071
1,2-Dichloroethane	<0.0006	mg/L	0.0006	0.001	1	02/13/25 22:53	JEG	L800071
1,1-Dichloroethene	<0.0006	mg/L	0.0006	0.001	1	02/13/25 22:53	JEG	L800071
cis-1,2-Dichloroethene	<0.0008	mg/L	0.0008	0.001	1	02/13/25 22:53	JEG	L800071
trans-1,2-Dichloroethene	<0.0006	mg/L	0.0006	0.001	1	02/13/25 22:53	JEG	L800071
1,2-Dichloroethene (Total)	<0.0006	mg/L	0.0006	0.001	1	02/13/25 22:53		L800071
1,2-Dichloropropane	<0.0009	mg/L	0.0009	0.001	1	02/13/25 22:53	JEG	L800071
1,3-Dichloropropane	<0.0008	mg/L	0.0008	0.001	1	02/13/25 22:53	JEG	L800071
2,2-Dichloropropane	<0.0006	mg/L	0.0006	0.001	1	02/13/25 22:53	JEG	L800071
1,1-Dichloropropene	<0.0006	mg/L	0.0006	0.001	1	02/13/25 22:53	JEG	L800071
cis-1,3-Dichloropropene	<0.0007	mg/L	0.0007	0.001	1	02/13/25 22:53	JEG	L800071
trans-1,3-Dichloropropene	<0.0006	mg/L	0.0006	0.001	1	02/13/25 22:53	JEG	L800071
Ethylbenzene	<0.0006	mg/L	0.0006	0.001	1	02/13/25 22:53	JEG	L800071
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.0005	mg/L	0.0005	0.001	1	02/13/25 22:53	JEG	L800071
Hexachlorobutadiene	<0.0009	mg/L	0.0009	0.001	1	02/13/25 22:53	JEG	L800071

Qualifiers/	B	Analyte detected in blank	DF	Dilution Factor
Definitions	J	Estimated value	MQL	Method Quantitation Limit

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing

Information : Project # 2251182

Report Date : 02/19/2025
Received : 02/10/2025

Rebekah Ross

Report Number : **25-041-0035**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **88311**

Matrix: **Aqueous**

Sample ID : **GW-2**

Sampled: **2/7/2025 08:22**

Analytical Method: 8260B **Prep Batch(es):** **L800065** 02/13/25 12:49 **L800304** 02/14/25 09:57
Prep Method: 5030B

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
2-Hexanone	<0.003	mg/L	0.003	0.005	1	02/13/25 22:53	JEG	L800071
Isopropylbenzene	<0.0007	mg/L	0.0007	0.001	1	02/13/25 22:53	JEG	L800071
4-Isopropyl toluene	<0.0008	mg/L	0.0008	0.001	1	02/13/25 22:53	JEG	L800071
Methyl Acetate	<0.004	mg/L	0.004	0.005	1	02/13/25 22:53	JEG	L800071
4-Methyl-2-Pentanone	<0.003	mg/L	0.003	0.005	1	02/13/25 22:53	JEG	L800071
Methylcyclohexane	<0.002	mg/L	0.002	0.005	1	02/13/25 22:53	JEG	L800071
Methylene Chloride	<0.002	mg/L	0.002	0.005	1	02/13/25 22:53	JEG	L800071
Methyl tert-butyl ether (MTBE)	<0.0007	mg/L	0.0007	0.001	1	02/13/25 22:53	JEG	L800071
n-Propylbenzene	<0.0007	mg/L	0.0007	0.001	1	02/13/25 22:53	JEG	L800071
Styrene	<0.0007	mg/L	0.0007	0.001	1	02/13/25 22:53	JEG	L800071
1,1,1,2-Tetrachloroethane	<0.0007	mg/L	0.0007	0.001	1	02/13/25 22:53	JEG	L800071
1,1,2,2-Tetrachloroethane	<0.0005	mg/L	0.0005	0.001	1	02/13/25 22:53	JEG	L800071
Tetrachloroethene	<0.0007	mg/L	0.0007	0.001	1	02/13/25 22:53	JEG	L800071
Toluene	<0.0006	mg/L	0.0006	0.002	1	02/13/25 22:53	JEG	L800071
1,2,3-Trichlorobenzene	<0.001	mg/L	0.001	0.002	1	02/13/25 22:53	JEG	L800071
1,2,4-Trichlorobenzene	<0.001	mg/L	0.001	0.002	1	02/13/25 22:53	JEG	L800071
1,1,1-Trichloroethane	<0.0006	mg/L	0.0006	0.001	1	02/13/25 22:53	JEG	L800071
1,1,2-Trichloroethane	<0.0008	mg/L	0.0008	0.001	1	02/13/25 22:53	JEG	L800071
Trichloroethene	<0.0007	mg/L	0.0007	0.001	1	02/13/25 22:53	JEG	L800071
Trichlorofluoromethane	<0.0006	mg/L	0.0006	0.001	1	02/13/25 22:53	JEG	L800071
1,2,3-Trichloropropane	<0.0008	mg/L	0.0008	0.001	1	02/13/25 22:53	JEG	L800071
1,2,3-Trimethylbenzene	<0.001	mg/L	0.001	0.001	1	02/14/25 14:15	JEG	L800326

Qualifiers/	B	Analyte detected in blank	DF	Dilution Factor
Definitions	J	Estimated value	MQL	Method Quantitation Limit

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover, AL 35244

Project Kennedy Galvanizing

Information : Project # 2251182

Report Date : 02/19/2025
Received : 02/10/2025

Rebekah Ross

Report Number : **25-041-0035**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **88311**

Matrix: **Aqueous**

Sample ID : **GW-2**

Sampled: **2/7/2025 08:22**

Analytical Method:	8260B	Prep Batch(es):	L800065	02/13/25 12:49		L800304	02/14/25 09:57	
Prep Method:	5030B							
Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2,4-Trimethylbenzene	<0.0009	mg/L	0.0009	0.001	1	02/13/25 22:53	JEG	L800071
1,3,5-Trimethylbenzene	<0.0008	mg/L	0.0008	0.001	1	02/13/25 22:53	JEG	L800071
Vinyl Chloride	<0.0006	mg/L	0.0006	0.001	1	02/13/25 22:53	JEG	L800071
Xylene (Total)	<0.0008	mg/L	0.0008	0.001	1	02/13/25 22:53		L800071
Surrogate: 4-Bromofluorobenzene	111		Limits: 71-137%		1	02/13/25 22:53	JEG	L800071
Surrogate: Dibromofluoromethane	98.2		Limits: 70-128%		1	02/13/25 22:53	JEG	L800071
Surrogate: 1,2-Dichloroethane - d4	87.4		Limits: 63-136%		1	02/13/25 22:53	JEG	L800071
Surrogate: Toluene-d8	111		Limits: 70-130%		1	02/13/25 22:53	JEG	L800071
Surrogate: 4-Bromofluorobenzene	104		Limits: 71-137%		1	02/14/25 14:15	JEG	L800326
Surrogate: Dibromofluoromethane	89.4		Limits: 70-128%		1	02/14/25 14:15	JEG	L800326
Surrogate: 1,2-Dichloroethane - d4	82.4		Limits: 63-136%		1	02/14/25 14:15	JEG	L800326
Surrogate: Toluene-d8	100		Limits: 70-130%		1	02/14/25 14:15	JEG	L800326

Analytical Method: 8270D SIM **Prep Batch(es):** **L799650** 02/12/25 14:00
Prep Method: 3511

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch	
Acenaphthene	<0.000006	mg/L	0.000006	0.000020	1	02/13/25 16:30	MMB	L800084	
Acenaphthylene	<0.000005	mg/L	0.000005	0.000020	1	02/13/25 16:30	MMB	L800084	
Anthracene	<0.000003	mg/L	0.000003	0.000020	1	02/13/25 16:30	MMB	L800084	
Benzo(a)anthracene	<0.000012	mg/L	0.000012	0.000020	1	02/13/25 16:30	MMB	L800084	
Benzo(a)pyrene	<0.000015	mg/L	0.000015	0.000020	1	02/13/25 16:30	MMB	L800084	
Benzo(b)fluoranthene	<0.000018	mg/L	0.000018	0.000020	1	02/13/25 16:30	MMB	L800084	

Qualifiers/	B	Analyte detected in blank	DF	Dilution Factor
Definitions	J	Estimated value	MQL	Method Quantitation Limit

05143

LaBella Associates
Mr. David Wall
528 Mineral Trace
Hoover , AL 35244

Project Kennedy Galvanizing

Information : Project # 2251182

Report Date : 02/19/2025
Received : 02/10/2025

Rebekah Ross

Report Number : **25-041-0035**

REPORT OF ANALYSIS

Rebekah Ross
Project Manager

Lab No : **88311**

Matrix: **Aqueous**

Sample ID : **GW-2**

Sampled: **2/7/2025 08:22**

Analytical Method: 8270D SIM

Prep Batch(es): **L799650** 02/12/25 14:00

Prep Method: 3511

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Benzo(g,h,i)perylene	<0.000009	mg/L	0.000009	0.000020	1	02/13/25 16:30	MMB	L800084
Benzo(k)fluoranthene	<0.000013	mg/L	0.000013	0.000020	1	02/13/25 16:30	MMB	L800084
Chrysene	<0.000011	mg/L	0.000011	0.000020	1	02/13/25 16:30	MMB	L800084
Dibenz(a,h)anthracene	<0.000010	mg/L	0.000010	0.000020	1	02/13/25 16:30	MMB	L800084
Fluoranthene	<0.000006	mg/L	0.000006	0.000020	1	02/13/25 16:30	MMB	L800084
Fluorene	<0.000010	mg/L	0.000010	0.000020	1	02/13/25 16:30	MMB	L800084
Indeno(1,2,3-cd)pyrene	<0.000017	mg/L	0.000017	0.000020	1	02/13/25 16:30	MMB	L800084
1-Methylnaphthalene	<0.000007	mg/L	0.000007	0.000020	1	02/13/25 16:30		L800084
2-Methylnaphthalene	0.000015 JB	mg/L	0.000014	0.000020	1	02/13/25 16:30	MMB	L800084
Naphthalene	<0.000018	mg/L	0.000018	0.000020	1	02/13/25 16:30	MMB	L800084
Phenanthrene	<0.000018	mg/L	0.000018	0.000020	1	02/13/25 16:30	MMB	L800084
Pyrene	<0.000004	mg/L	0.000004	0.000020	1	02/13/25 16:30	MMB	L800084
Surrogate: 2-Fluorobiphenyl	99.3		Limits: 70-130%		1	02/13/25 16:30	MMB	L800084
Surrogate: 4-Terphenyl-d14	92.7		Limits: 70-130%		1	02/13/25 16:30	MMB	L800084

**Qualifiers/
Definitions**

B Analyte detected in blank
J Estimated value

DF Dilution Factor
MQL Method Quantitation Limit

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-041-0035

QC Analytical Batch: L800338
Analysis Method: 3500CrB-2011
Analysis Description: Hexavalent Chromium

Lab Reagent Blank LRB Matrix: AQU
Associated Lab Samples: 88311

Parameter	Units	Blank Result	MQL	Analyzed
Chromium, Hexavalent	mg/L	< 0.010	0.010	02/17/25 09:30

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Chromium, Hexavalent	mg/L	0.185	0.178	96.0	90-110

Duplicate L 88326-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Chromium, Hexavalent	mg/L	5.08	5.16	1.5	20.0	02/17/25 09:30

Matrix Spike L 88311-MS

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	%Rec Limits	Max RPD
Chromium, Hexavalent	mg/L	< 0.010	0.101		0.099		98.0	70-130	

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-041-0035

QC Prep: L799419 **QC Analytical Batch(es):** L799792
QC Prep Batch Method: 3005A **Analysis Method:** 6010D
Analysis Description: Metals Analysis

Lab Reagent Blank LRB-L799419 Matrix: AQU
Associated Lab Samples: 88311

Parameter	Units	Blank Result	MDL	MQL	Analyzed
Dissolved Arsenic	mg/L	<0.0060	0.0060	0.0100	02/12/25 22:37
Dissolved Barium	mg/L	<0.0040	0.0040	0.0100	02/12/25 22:37
Dissolved Cadmium	mg/L	<0.0010	0.0010	0.0020	02/12/25 22:37
Dissolved Chromium	mg/L	<0.0040	0.0040	0.0050	02/12/25 22:37
Dissolved Lead	mg/L	<0.0030	0.0030	0.0060	02/12/25 22:37
Dissolved Selenium	mg/L	<0.0040	0.0040	0.0100	02/12/25 22:37
Dissolved Silver	mg/L	<0.0030	0.0030	0.0050	02/12/25 22:37
Dissolved Zinc	mg/L	<0.0160	0.0160	0.0200	02/12/25 22:37

Laboratory Control Sample & LCSD LCS-L799419 LCSD-L799419

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
Dissolved Arsenic	mg/L	0.100	0.0968	0.0966	97.0	97.0	80-120	0.2	20.0
Dissolved Barium	mg/L	1.00	0.996	0.994	100	99.0	80-120	0.2	20.0
Dissolved Cadmium	mg/L	0.100	0.0998	0.0997	100	100	80-120	0.1	20.0
Dissolved Chromium	mg/L	1.00	1.12	1.13	112	113	80-120	0.8	20.0
Dissolved Lead	mg/L	0.100	0.101	0.0997	101	100	80-120	1.2	20.0
Dissolved Selenium	mg/L	0.100	0.0969	0.0961	97.0	96.0	80-120	0.8	20.0
Dissolved Silver	mg/L	0.100	0.109	0.110	109	110	80-120	0.9	20.0
Dissolved Zinc	mg/L	1.00	0.998	0.997	100	100	80-120	0.1	20.0

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-041-0035

QC Prep:	L800357	QC Analytical Batch(es):	L800536
QC Prep Batch Method:	7470A	Analysis Method:	7470A
		Analysis Description:	Total Aqueous Mercury Analysis - CVAA

Lab Reagent Blank LRB-L800357 Matrix: AQU
Associated Lab Samples: 88311

Parameter	Units	Blank Result	MDL	MQL	Analyzed
Dissolved Mercury	mg/L	<0.00010	0.00010	0.00020	02/17/25 16:14

Laboratory Control Sample & LCSD LCS-L800357 LCSD-L800357

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
Dissolved Mercury	mg/L	0.00400	0.00484	0.00471	121*	118	80-120	2.7	20.0

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-041-0035

QC Prep: L800065
QC Prep Batch Method: 5030B
QC Analytical Batch(es): L800071
Analysis Method: 8260B
Analysis Description: Volatile Organic Compounds - GC/MS

Lab Reagent Blank LRB-L800065 Matrix: AQU
Associated Lab Samples: 88311

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery	% Rec Limits
Acetone	mg/L	<0.007	0.007	0.020	02/13/25 16:13		
Acrylonitrile	mg/L	<0.003	0.003	0.020	02/13/25 16:13		
Benzene	mg/L	<0.0008	0.0008	0.001	02/13/25 16:13		
Bromobenzene	mg/L	<0.0007	0.0007	0.001	02/13/25 16:13		
Bromodichloromethane	mg/L	<0.0006	0.0006	0.001	02/13/25 16:13		
Bromoform	mg/L	<0.0008	0.0008	0.001	02/13/25 16:13		
Bromomethane	mg/L	<0.0008	0.0008	0.002	02/13/25 16:13		
2-Butanone (MEK)	mg/L	<0.003	0.003	0.020	02/13/25 16:13		
n-Butylbenzene	mg/L	<0.0008	0.0008	0.001	02/13/25 16:13		
sec-Butyl benzene	mg/L	<0.0007	0.0007	0.001	02/13/25 16:13		
tert-Butyl benzene	mg/L	<0.0007	0.0007	0.001	02/13/25 16:13		
Carbon Disulfide	mg/L	<0.0006	0.0006	0.001	02/13/25 16:13		
Carbon Tetrachloride	mg/L	<0.0006	0.0006	0.001	02/13/25 16:13		
Chlorobenzene	mg/L	<0.0007	0.0007	0.001	02/13/25 16:13		
Chlorodibromomethane	mg/L	<0.0006	0.0006	0.001	02/13/25 16:13		
Chloroethane	mg/L	<0.0008	0.0008	0.001	02/13/25 16:13		
Chloroform	mg/L	<0.0010	0.0010	0.001	02/13/25 16:13		
Chloromethane	mg/L	<0.0010	0.0010	0.001	02/13/25 16:13		
2-Chlorotoluene	mg/L	<0.0007	0.0007	0.001	02/13/25 16:13		
4-Chlorotoluene	mg/L	<0.0008	0.0008	0.001	02/13/25 16:13		
Cyclohexane	mg/L	<0.002	0.002	0.005	02/13/25 16:13		
Di-Isopropyl Ether (DIPE)	mg/L	<0.002	0.002	0.020	02/13/25 16:13		
1,2-Dibromo-3-Chloropropane	mg/L	<0.0008	0.0008	0.002	02/13/25 16:13		
1,2-Dibromoethane	mg/L	<0.0007	0.0007	0.001	02/13/25 16:13		
Dibromomethane	mg/L	<0.0007	0.0007	0.001	02/13/25 16:13		
1,2-Dichlorobenzene	mg/L	<0.0010	0.0010	0.001	02/13/25 16:13		
1,3-Dichlorobenzene	mg/L	<0.0010	0.0010	0.001	02/13/25 16:13		

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-041-0035

QC Prep: L800065
QC Prep Batch Method: 5030B
QC Analytical Batch(es): L800071
Analysis Method: 8260B
Analysis Description: Volatile Organic Compounds - GC/MS

Lab Reagent Blank LRB-L800065 Matrix: AQU
Associated Lab Samples: 88311

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery	% Rec Limits
1,4-Dichlorobenzene	mg/L	<0.0009	0.0009	0.001	02/13/25 16:13		
Dichlorodifluoromethane	mg/L	<0.0008	0.0008	0.001	02/13/25 16:13		
1,1-Dichloroethane	mg/L	<0.0007	0.0007	0.001	02/13/25 16:13		
1,2-Dichloroethane	mg/L	<0.0006	0.0006	0.001	02/13/25 16:13		
1,1-Dichloroethene	mg/L	<0.0006	0.0006	0.001	02/13/25 16:13		
cis-1,2-Dichloroethene	mg/L	<0.0008	0.0008	0.001	02/13/25 16:13		
trans-1,2-Dichloroethene	mg/L	<0.0006	0.0006	0.001	02/13/25 16:13		
1,2-Dichloropropane	mg/L	<0.0009	0.0009	0.001	02/13/25 16:13		
1,3-Dichloropropane	mg/L	<0.0008	0.0008	0.001	02/13/25 16:13		
2,2-Dichloropropane	mg/L	<0.0006	0.0006	0.001	02/13/25 16:13		
1,1-Dichloropropene	mg/L	<0.0006	0.0006	0.001	02/13/25 16:13		
cis-1,3-Dichloropropene	mg/L	<0.0007	0.0007	0.001	02/13/25 16:13		
trans-1,3-Dichloropropene	mg/L	<0.0006	0.0006	0.001	02/13/25 16:13		
Ethylbenzene	mg/L	<0.0006	0.0006	0.001	02/13/25 16:13		
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/L	<0.0005	0.0005	0.001	02/13/25 16:13		
Hexachlorobutadiene	mg/L	<0.0009	0.0009	0.001	02/13/25 16:13		
2-Hexanone	mg/L	<0.003	0.003	0.005	02/13/25 16:13		
Isopropylbenzene	mg/L	<0.0007	0.0007	0.001	02/13/25 16:13		
4-Isopropyl toluene	mg/L	<0.0008	0.0008	0.001	02/13/25 16:13		
Methyl Acetate	mg/L	<0.004	0.004	0.005	02/13/25 16:13		
4-Methyl-2-Pentanone	mg/L	<0.003	0.003	0.005	02/13/25 16:13		
Methylcyclohexane	mg/L	<0.002	0.002	0.005	02/13/25 16:13		
Methylene Chloride	mg/L	<0.002	0.002	0.005	02/13/25 16:13		
Methyl tert-butyl ether (MTBE)	mg/L	<0.0007	0.0007	0.001	02/13/25 16:13		
m,p-Xylene	mg/L	<0.001	0.001	0.002	02/13/25 16:13		
o-Xylene	mg/L	<0.0008	0.0008	0.001	02/13/25 16:13		
n-Propylbenzene	mg/L	<0.0007	0.0007	0.001	02/13/25 16:13		

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-041-0035

QC Prep: L800065
QC Prep Batch Method: 5030B
QC Analytical Batch(es): L800071
Analysis Method: 8260B
Analysis Description: Volatile Organic Compounds - GC/MS

Lab Reagent Blank LRB-L800065 Matrix: AQU
Associated Lab Samples: 88311

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery	% Rec Limits
Styrene	mg/L	<0.0007	0.0007	0.001	02/13/25 16:13		
1,1,1,2-Tetrachloroethane	mg/L	<0.0007	0.0007	0.001	02/13/25 16:13		
1,1,2,2-Tetrachloroethane	mg/L	<0.0005	0.0005	0.001	02/13/25 16:13		
Tetrachloroethene	mg/L	<0.0007	0.0007	0.001	02/13/25 16:13		
Toluene	mg/L	<0.0006	0.0006	0.002	02/13/25 16:13		
1,2,3-Trichlorobenzene	mg/L	<0.001	0.001	0.002	02/13/25 16:13		
1,2,4-Trichlorobenzene	mg/L	<0.001	0.001	0.002	02/13/25 16:13		
1,1,1-Trichloroethane	mg/L	<0.0006	0.0006	0.001	02/13/25 16:13		
1,1,2-Trichloroethane	mg/L	<0.0008	0.0008	0.001	02/13/25 16:13		
Trichloroethene	mg/L	<0.0007	0.0007	0.001	02/13/25 16:13		
Trichlorofluoromethane	mg/L	<0.0006	0.0006	0.001	02/13/25 16:13		
1,2,3-Trichloropropane	mg/L	<0.0008	0.0008	0.001	02/13/25 16:13		
1,2,4-Trimethylbenzene	mg/L	<0.0009	0.0009	0.001	02/13/25 16:13		
1,3,5-Trimethylbenzene	mg/L	<0.0008	0.0008	0.001	02/13/25 16:13		
Vinyl Chloride	mg/L	<0.0006	0.0006	0.001	02/13/25 16:13		
4-Bromofluorobenzene (S)					02/13/25 16:13	109	71-137
Dibromofluoromethane (S)					02/13/25 16:13	97.8	70-128
1,2-Dichloroethane - d4 (S)					02/13/25 16:13	92.6	63-136
Toluene-d8 (S)					02/13/25 16:13	106	70-130

Laboratory Control Sample LCS-L800065

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Acetone	mg/L	0.100	0.103	103	60-140
Acrylonitrile	mg/L	0.100	0.078	78.7	40-160
Benzene	mg/L	0.100	0.095	95.1	70-130
Bromobenzene	mg/L	0.100	0.105	105	75-125

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-041-0035

QC Prep:	L800065	QC Analytical Batch(es):	L800071
QC Prep Batch Method:	5030B	Analysis Method:	8260B
		Analysis Description:	Volatile Organic Compounds - GC/MS

Laboratory Control Sample LCS-L800065

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Bromodichloromethane	mg/L	0.100	0.117	117	75-125
Bromoform	mg/L	0.100	0.125	125	70-130
Bromomethane	mg/L	0.100	0.116	116	40-160
2-Butanone (MEK)	mg/L	0.100	0.093	93.2	40-160
n-Butylbenzene	mg/L	0.100	0.103	103	70-130
sec-Butyl benzene	mg/L	0.100	0.102	102	70-130
tert-Butyl benzene	mg/L	0.100	0.104	104	70-130
Carbon Disulfide	mg/L	0.100	0.090	90.2	40-160
Carbon Tetrachloride	mg/L	0.100	0.109	109	65-135
Chlorobenzene	mg/L	0.100	0.102	102	80-120
Chlorodibromomethane	mg/L	0.100	0.118	118	60-140
Chloroethane	mg/L	0.100	0.101	101	60-140
Chloroform	mg/L	0.100	0.106	106	80-120
Chloromethane	mg/L	0.100	0.090	90.0	40-160
2-Chlorotoluene	mg/L	0.100	0.106	106	75-125
4-Chlorotoluene	mg/L	0.100	0.107	107	75-125
Cyclohexane	mg/L	0.100	0.084	84.0	70-130
Di-Isopropyl Ether (DIPE)	mg/L	0.100	0.096	96.2	40-160
1,2-Dibromo-3-Chloropropane	mg/L	0.100	0.111	111	50-150
1,2-Dibromoethane	mg/L	0.100	0.116	116	70-130
Dibromomethane	mg/L	0.100	0.115	115	75-125
1,2-Dichlorobenzene	mg/L	0.100	0.115	115	70-130
1,3-Dichlorobenzene	mg/L	0.100	0.118	118	75-125
1,4-Dichlorobenzene	mg/L	0.100	0.117	117	75-125
Dichlorodifluoromethane	mg/L	0.100	0.098	98.9	40-160
1,1-Dichloroethane	mg/L	0.100	0.100	100	70-130
1,2-Dichloroethane	mg/L	0.100	0.114	114	70-130

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-041-0035

QC Prep: L800065
QC Prep Batch Method: 5030B
QC Analytical Batch(es): L800071
Analysis Method: 8260B
Analysis Description: Volatile Organic Compounds - GC/MS

Laboratory Control Sample LCS-L800065

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
1,1-Dichloroethene	mg/L	0.100	0.092	92.1	80-120
cis-1,2-Dichloroethene	mg/L	0.100	0.099	99.8	70-130
trans-1,2-Dichloroethene	mg/L	0.100	0.094	94.3	60-140
1,2-Dichloropropane	mg/L	0.100	0.097	97.4	80-120
1,3-Dichloropropane	mg/L	0.100	0.113	113	75-125
2,2-Dichloropropane	mg/L	0.100	0.110	110	70-130
1,1-Dichloropropene	mg/L	0.100	0.092	92.8	75-125
cis-1,3-Dichloropropene	mg/L	0.100	0.108	108	70-130
trans-1,3-Dichloropropene	mg/L	0.100	0.115	115	55-145
Ethylbenzene	mg/L	0.100	0.105	105	80-120
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/L	0.100	0.084	84.4	40-160
Hexachlorobutadiene	mg/L	0.100	0.108	108	50-150
2-Hexanone	mg/L	0.100	0.094	94.3	55-145
Isopropylbenzene	mg/L	0.100	0.100	100	75-125
4-Isopropyl toluene	mg/L	0.100	0.103	103	75-125
Methyl Acetate	mg/L	0.100	0.094	94.2	70-130
4-Methyl-2-Pentanone	mg/L	0.100	0.094	94.0	60-140
Methylcyclohexane	mg/L	0.100	0.084	84.1	70-130
Methylene Chloride	mg/L	0.100	0.095	95.6	55-145
Methyl tert-butyl ether (MTBE)	mg/L	0.100	0.102	102	65-135
m,p-Xylene	mg/L	0.200	0.212	106	75-125
o-Xylene	mg/L	0.100	0.105	105	70-130
n-Propylbenzene	mg/L	0.100	0.105	105	70-130
Styrene	mg/L	0.100	0.109	109	65-135
1,1,1,2-Tetrachloroethane	mg/L	0.100	0.115	115	70-130
1,1,2,2-Tetrachloroethane	mg/L	0.100	0.109	109	65-135
Tetrachloroethene	mg/L	0.100	0.101	101	45-155

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-041-0035

QC Prep: L800065
QC Prep Batch Method: 5030B
QC Analytical Batch(es): L800071
Analysis Method: 8260B
Analysis Description: Volatile Organic Compounds - GC/MS

Laboratory Control Sample LCS-L800065

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Toluene	mg/L	0.100	0.098	98.5	80-120
1,2,3-Trichlorobenzene	mg/L	0.100	0.094	94.8	60-140
1,2,4-Trichlorobenzene	mg/L	0.100	0.094	94.0	65-135
1,1,1-Trichloroethane	mg/L	0.100	0.110	110	65-135
1,1,2-Trichloroethane	mg/L	0.100	0.110	110	75-125
Trichloroethene	mg/L	0.100	0.100	100	70-130
Trichlorofluoromethane	mg/L	0.100	0.113	113	40-140
1,2,3-Trichloropropane	mg/L	0.100	0.113	113	75-125
1,2,4-Trimethylbenzene	mg/L	0.100	0.104	104	65-135
1,3,5-Trimethylbenzene	mg/L	0.100	0.105	105	75-125
Vinyl Chloride	mg/L	0.100	0.098	98.1	80-120
4-Bromofluorobenzene (S)				119	71-137
Dibromofluoromethane (S)				99.0	70-128
1,2-Dichloroethane - d4 (S)				94.8	63-136
Toluene-d8 (S)				108	70-130

Matrix Spike & Matrix Spike Duplicate A 50617-MS-L800065 A 50617-MSD-L800065

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Acetone	mg/L	<0.007	0.100	0.100	0.069	0.079	69.5	79.6	27-180	13.5	30
Acrylonitrile	mg/L	<0.003	0.100	0.100	0.068	0.075	68.9	75.0	34-174	8.4	30
Benzene	mg/L	<0.0008	0.100	0.100	0.096	0.102	96.8	102	58-143	5.2	30
Bromobenzene	mg/L	<0.0007	0.100	0.100	0.101	0.109	101	109	55-149	7.6	30
Bromodichloromethane	mg/L	<0.0006	0.100	0.100	0.115	0.121	115	121	75-135	5.0	30
Bromoform	mg/L	<0.0008	0.100	0.100	0.107	0.111	107	111	61-137	3.6	30
Bromomethane	mg/L	<0.0008	0.100	0.100	0.104	0.107	104	107	37-185	2.8	30

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-041-0035

QC Prep: L800065
QC Prep Batch Method: 5030B
QC Analytical Batch(es): L800071
Analysis Method: 8260B
Analysis Description: Volatile Organic Compounds - GC/MS

Matrix Spike & Matrix Spike Duplicate A 50617-MS-L800065 A 50617-MSD-L800065

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
2-Butanone (MEK)	mg/L	<0.003	0.100	0.100	0.069	0.071	69.9	71.4	49-168	2.1	30
n-Butylbenzene	mg/L	<0.0008	0.100	0.100	0.113	0.122	113	122	67-149	7.6	30
sec-Butyl benzene	mg/L	<0.0007	0.100	0.100	0.118	0.121	118	121	72-139	2.5	30
tert-Butyl benzene	mg/L	<0.0007	0.100	0.100	0.119	0.122	119	122	71-143	2.4	30
Carbon Disulfide	mg/L	<0.0006	0.100	0.100	0.082	0.091	82.2	91.5	39-138	10.7	30
Carbon Tetrachloride	mg/L	<0.0006	0.100	0.100	0.127	0.138	127	138	62-141	8.3	30
Chlorobenzene	mg/L	<0.0007	0.100	0.100	0.103	0.110	103	110	67-143	6.5	30
Chlorodibromomethane	mg/L	<0.0006	0.100	0.100	0.107	0.114	107	114	66-146	6.3	30
Chloroethane	mg/L	<0.0008	0.100	0.100	0.102	0.106	102	106	24-167	3.8	30
Chloroform	mg/L	<0.0010	0.100	0.100	0.108	0.116	108	116	69-137	7.1	30
Chloromethane	mg/L	<0.0010	0.100	0.100	0.072	0.080	72.1	80.0	35-154	10.3	30
2-Chlorotoluene	mg/L	<0.0007	0.100	0.100	0.109	0.115	109	115	76-134	5.3	30
4-Chlorotoluene	mg/L	<0.0008	0.100	0.100	0.108	0.113	108	113	73-138	4.5	30
Cyclohexane	mg/L	<0.002	0.100	0.100	0.094	0.097	94.8	97.2	84-125	2.5	30
Di-Isopropyl Ether (DIPE)	mg/L	<0.002	0.100	0.100	0.088	0.096	88.1	96.5	66-139	9.1	30
1,2-Dibromo-3-Chloropropane	mg/L	<0.0008	0.100	0.100	0.085	0.093	85.0	93.7	48-149	9.7	30
1,2-Dibromoethane	mg/L	<0.0007	0.100	0.100	0.101	0.105	101	105	63-150	3.8	30
Dibromomethane	mg/L	<0.0007	0.100	0.100	0.102	0.104	102	104	52-160	1.9	30
1,2-Dichlorobenzene	mg/L	<0.0010	0.100	0.100	0.110	0.117	110	117	66-141	6.1	30
1,3-Dichlorobenzene	mg/L	<0.0010	0.100	0.100	0.114	0.122	114	122	61-145	6.7	30
1,4-Dichlorobenzene	mg/L	<0.0009	0.100	0.100	0.111	0.121	111	121	63-145	8.6	30
Dichlorodifluoromethane	mg/L	<0.0008	0.100	0.100	0.052	0.055	52.1	55.3	17-145	5.9	30
1,1-Dichloroethane	mg/L	<0.0007	0.100	0.100	0.099	0.106	99.1	106	66-137	6.7	30
1,2-Dichloroethane	mg/L	<0.0006	0.100	0.100	0.099	0.107	99.1	107	69-139	7.6	30
1,1-Dichloroethene	mg/L	<0.0006	0.100	0.100	0.092	0.100	92.6	100	50-134	7.6	30
cis-1,2-Dichloroethene	mg/L	<0.0008	0.100	0.100	0.097	0.104	97.4	104	62-153	6.5	30

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-041-0035

QC Prep: L800065 **QC Analytical Batch(es):** L800071
QC Prep Batch Method: 5030B **Analysis Method:** 8260B
Analysis Description: Volatile Organic Compounds - GC/MS

Matrix Spike & Matrix Spike Duplicate A 50617-MS-L800065 A 50617-MSD-L800065

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
trans-1,2-Dichloroethene	mg/L	<0.0006	0.100	0.100	0.092	0.099	92.0	99.8	61-137	8.1	30
1,2-Dichloropropane	mg/L	<0.0009	0.100	0.100	0.096	0.102	96.5	102	70-145	5.5	30
1,3-Dichloropropane	mg/L	<0.0008	0.100	0.100	0.103	0.109	103	109	62-146	5.6	30
2,2-Dichloropropane	mg/L	<0.0006	0.100	0.100	0.112	0.119	112	119	64-141	6.0	30
1,1-Dichloropropene	mg/L	<0.0006	0.100	0.100	0.106	0.111	106	111	61-143	4.6	30
cis-1,3-Dichloropropene	mg/L	<0.0007	0.100	0.100	0.099	0.106	99.7	106	79-138	6.1	30
trans-1,3-Dichloropropene	mg/L	<0.0006	0.100	0.100	0.101	0.107	101	107	77-140	5.7	30
Ethylbenzene	mg/L	<0.0006	0.100	0.100	0.112	0.119	112	119	65-141	6.0	30
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/L	<0.0005	0.100	0.100	0.091	0.099	91.0	99.2	49-123	8.6	30
Hexachlorobutadiene	mg/L	<0.0009	0.100	0.100	0.118	0.128	118	128	58-145	8.1	30
2-Hexanone	mg/L	<0.003	0.100	0.100	0.071	0.072	71.5	72.6	53-166	1.5	30
Isopropylbenzene	mg/L	<0.0007	0.100	0.100	0.111	0.116	111	116	74-137	4.4	30
4-Isopropyl toluene	mg/L	<0.0008	0.100	0.100	0.114	0.119	114	119	74-138	4.2	30
Methyl Acetate	mg/L	<0.004	0.100	0.100	0.066	0.069	66.9*	69.6*	81-143	3.9	30
4-Methyl-2-Pentanone	mg/L	<0.003	0.100	0.100	0.073	0.077	73.1	77.0	58-156	5.1	30
Methylcyclohexane	mg/L	<0.002	0.100	0.100	0.102	0.111	102	111	97-124	8.4	30
Methylene Chloride	mg/L	<0.002	0.100	0.100	0.089	0.094	89.1	94.6	56-116	5.9	30
Methyl tert-butyl ether (MTBE)	mg/L	<0.0007	0.100	0.100	0.084	0.092	84.5	92.4	62-143	8.9	30
m,p-Xylene	mg/L	<0.001	0.200	0.200	0.224	0.235	112	118	61-149	4.7	30
o-Xylene	mg/L	<0.0008	0.100	0.100	0.110	0.117	110	117	65-142	6.1	30
n-Propylbenzene	mg/L	<0.0007	0.100	0.100	0.110	0.121	110	121	75-139	9.5	30
Styrene	mg/L	<0.0007	0.100	0.100	0.107	0.111	107	111	59-153	3.6	30
1,1,1,2-Tetrachloroethane	mg/L	<0.0007	0.100	0.100	0.114	0.121	114	121	68-144	5.9	30
1,1,2,2-Tetrachloroethane	mg/L	<0.0005	0.100	0.100	0.091	0.101	91.9	101	62-148	9.4	30
Tetrachloroethene	mg/L	<0.0007	0.100	0.100	0.112	0.118	112	118	51-161	5.2	30
Toluene	mg/L	<0.0006	0.100	0.100	0.103	0.109	103	109	64-145	5.6	30

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-041-0035

QC Prep:	L800065	QC Analytical Batch(es):	L800071
QC Prep Batch Method:	5030B	Analysis Method:	8260B
		Analysis Description:	Volatile Organic Compounds - GC/MS

Matrix Spike & Matrix Spike Duplicate A 50617-MS-L800065 A 50617-MSD-L800065

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
1,2,3-Trichlorobenzene	mg/L	<0.001	0.100	0.100	0.079	0.101	79.8	101	64-141	23.4	30
1,2,4-Trichlorobenzene	mg/L	<0.001	0.100	0.100	0.078	0.099	78.9	99.4	64-139	22.9	30
1,1,1-Trichloroethane	mg/L	<0.0006	0.100	0.100	0.121	0.131	121	131	67-136	7.9	30
1,1,2-Trichloroethane	mg/L	<0.0008	0.100	0.100	0.098	0.102	98.0	102	62-158	4.0	30
Trichloroethene	mg/L	<0.0007	0.100	0.100	0.109	0.116	109	116	56-146	6.2	30
Trichlorofluoromethane	mg/L	<0.0006	0.100	0.100	0.132	0.142	132	142	59-151	7.2	30
1,2,3-Trichloropropane	mg/L	<0.0008	0.100	0.100	0.092	0.097	92.2	97.3	57-148	5.3	30
1,2,4-Trimethylbenzene	mg/L	<0.0009	0.100	0.100	0.108	0.113	108	113	55-149	4.5	30
1,3,5-Trimethylbenzene	mg/L	<0.0008	0.100	0.100	0.112	0.118	112	118	57-150	5.2	30
Vinyl Chloride	mg/L	<0.0006	0.100	0.100	0.092	0.097	92.2	97.8	50-152	5.8	30
4-Bromofluorobenzene (S)							98.8	104	71-137		
Dibromofluoromethane (S)							80.0	89.4	70-128		
1,2-Dichloroethane - d4 (S)							81.8	85.4	63-136		
Toluene-d8 (S)							84.8	95.8	70-130		

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-041-0035

QC Prep: L800304 **QC Analytical Batch(es):** L800326
QC Prep Batch Method: 5030B **Analysis Method:** 8260B
Analysis Description: Volatile Organic Compounds - GC/MS

Lab Reagent Blank LRB-L800304 Matrix: AQU
Associated Lab Samples: 88311

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery	% Rec Limits
1,2,3-Trimethylbenzene	mg/L	<0.001	0.001	0.001	02/14/25 13:12		
4-Bromofluorobenzene (S)					02/14/25 13:12	97.2	71-137
Dibromofluoromethane (S)					02/14/25 13:12	91.8	70-128
1,2-Dichloroethane - d4 (S)					02/14/25 13:12	84.4	63-136
Toluene-d8 (S)					02/14/25 13:12	99.6	70-130

Laboratory Control Sample LCS-L800304

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
1,2,3-Trimethylbenzene	mg/L	0.141	0.327	232*	60-140
4-Bromofluorobenzene (S)				110	71-137
Dibromofluoromethane (S)				92.2	70-128
1,2-Dichloroethane - d4 (S)				80.4	63-136
Toluene-d8 (S)				108	70-130

Matrix Spike & Matrix Spike Duplicate G 88725-MS-L800304 G 88725-MSD-L800304

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
1,2,3-Trimethylbenzene	mg/L	<0.050	7.05	7.05	18.9	19.5	268*	277*	60-140	3.1	30
4-Bromofluorobenzene (S)							100	95.8	71-137		
Dibromofluoromethane (S)							86.8	83.6	70-128		
1,2-Dichloroethane - d4 (S)							72.6	79.0	63-136		
Toluene-d8 (S)							97.6	94.4	70-130		

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-041-0035

QC Prep: L799650
QC Prep Batch Method: 3511
QC Analytical Batch(es): L800084
Analysis Method: 8270D SIM
Analysis Description: Semivolatile Organic Compounds - GC/MS (SIM)

Lab Reagent Blank LRB-L799650 Matrix: AQU
Associated Lab Samples: 88311

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery	% Rec Limits
Acenaphthene	mg/L	<0.000006	0.000006	0.000020	02/13/25 12:56		
Acenaphthylene	mg/L	<0.000005	0.000005	0.000020	02/13/25 12:56		
Anthracene	mg/L	<0.000003	0.000003	0.000020	02/13/25 12:56		
Benzo(a)anthracene	mg/L	<0.000012	0.000012	0.000020	02/13/25 12:56		
Benzo(a)pyrene	mg/L	<0.000015	0.000015	0.000020	02/13/25 12:56		
Benzo(b)fluoranthene	mg/L	<0.000018	0.000018	0.000020	02/13/25 12:56		
Benzo(g,h,i)perylene	mg/L	<0.000009	0.000009	0.000020	02/13/25 12:56		
Benzo(k)fluoranthene	mg/L	<0.000013	0.000013	0.000020	02/13/25 12:56		
Chrysene	mg/L	<0.000011	0.000011	0.000020	02/13/25 12:56		
Dibenz(a,h)anthracene	mg/L	<0.000010	0.000010	0.000020	02/13/25 12:56		
Fluoranthene	mg/L	<0.000006	0.000006	0.000020	02/13/25 12:56		
Fluorene	mg/L	<0.000010	0.000010	0.000020	02/13/25 12:56		
Indeno(1,2,3-cd)pyrene	mg/L	<0.000017	0.000017	0.000020	02/13/25 12:56		
1-Methylnaphthalene	mg/L	<0.000007	0.000007	0.000020	02/13/25 12:56		
2-Methylnaphthalene	mg/L	0.000015	0.000014	0.000020	02/13/25 12:56		
Naphthalene	mg/L	<0.000018	0.000018	0.000020	02/13/25 12:56		
Phenanthrene	mg/L	<0.000018	0.000018	0.000020	02/13/25 12:56		
Pyrene	mg/L	<0.000004	0.000004	0.000020	02/13/25 12:56		
2-Fluorobiphenyl (S)					02/13/25 12:56	94.7	70-130
4-Terphenyl-d14 (S)					02/13/25 12:56	108	70-130
2,4,6-Tribromophenol (S)					02/13/25 12:56	132	70-130

Laboratory Control Sample & LCSD LCS-L799650 LCSD-L799650

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
Acenaphthene	mg/L	0.00303	0.00287	0.00298	94.7	98.3	60-140	3.7	20

Quality Control Data

Client ID: LaBella Associates
Project Description: Kennedy Galvanizing
Report No: 25-041-0035

QC Prep: L799650 **QC Analytical Batch(es):** L800084
QC Prep Batch Method: 3511 **Analysis Method:** 8270D SIM
Analysis Description: Semivolatile Organic Compounds - GC/MS (SIM)

Laboratory Control Sample & LCSD LCS-L799650 LCSD-L799650

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
Acenaphthylene	mg/L	0.00303	0.00314	0.00324	104	107	60-140	3.1	20
Anthracene	mg/L	0.00303	0.00325	0.00333	107	110	60-140	2.4	20
Benzo(a)anthracene	mg/L	0.00303	0.00290	0.00297	95.7	98.0	60-140	2.3	20
Benzo(a)pyrene	mg/L	0.00303	0.00320	0.00328	106	108	60-140	2.4	20
Benzo(b)fluoranthene	mg/L	0.00303	0.00316	0.00301	104	99.3	60-140	4.8	20
Benzo(g,h,i)perylene	mg/L	0.00303	0.00285	0.00289	94.0	95.3	60-140	1.3	20
Benzo(k)fluoranthene	mg/L	0.00303	0.00297	0.00322	98.0	106	60-140	8.0	20
Chrysene	mg/L	0.00303	0.00277	0.00289	91.4	95.3	60-140	4.2	20
Dibenz(a,h)anthracene	mg/L	0.00303	0.00303	0.00310	100	102	60-140	2.2	20
Fluoranthene	mg/L	0.00303	0.00318	0.00328	105	108	60-140	3.0	20
Fluorene	mg/L	0.00303	0.00301	0.00306	99.3	101	60-140	1.6	20
Indeno(1,2,3-cd)pyrene	mg/L	0.00303	0.00327	0.00322	108	106	60-140	1.5	20
1-Methylnaphthalene	mg/L	0.00303	0.00275	0.00273	90.7	90.0	60-140	0.7	20
2-Methylnaphthalene	mg/L	0.00303	0.00258	0.00256	85.1	84.4	60-140	0.7	20
Naphthalene	mg/L	0.00303	0.00307	0.00315	101	104	60-140	2.5	20
Phenanthrene	mg/L	0.00303	0.00287	0.00290	94.7	95.7	60-140	1.0	20
Pyrene	mg/L	0.00303	0.00303	0.00311	100	103	60-140	2.6	20
2-Fluorobiphenyl (S)					100	96.6	70-130		
4-Terphenyl-d14 (S)					117	117	70-130		
2,4,6-Tribromophenol (S)					143*	145*	70-130		

Shipment Receipt Form

Customer Number: **05143**

Customer Name: **LaBella Associates**

Report Number: **25-041-0035**

Shipping Method

☒ Fed Ex	☐ US Postal	☐ Lab	☐ Other :	
☐ UPS	☐ Client	☐ Courier	Thermometer ID:	T202

Shipping container/cooler uncompromised?	☒ Yes	☐ No	
Number of coolers/boxes received	1		
Custody seals intact on shipping container/cooler?	☐ Yes	☐ No	☒ Not Present
Custody seals intact on sample bottles?	☐ Yes	☐ No	☒ Not Present
Chain of Custody (COC) present?	☒ Yes	☐ No	
COC agrees with sample label(s)?	☒ Yes	☐ No	
COC properly completed	☒ Yes	☐ No	
Samples in proper containers?	☒ Yes	☐ No	
Sample containers intact?	☒ Yes	☐ No	
Sufficient sample volume for indicated test(s)?	☒ Yes	☐ No	
All samples received within holding time?	☐ Yes	☒ No	
Cooler temperature in compliance?	☐ Yes	☒ No	☐ Not Present
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	☐ Yes	☒ No	
Water - Sample containers properly preserved	☒ Yes	☐ No	☐ N/A
Water - VOA vials free of headspace	☒ Yes	☐ No	☐ N/A
Trip Blanks received with VOAs	☐ Yes	☒ No	☐ N/A
Soil VOA method 5035 – compliance criteria met	☐ Yes	☐ No	☒ N/A
☐ High concentration container (48 hr)	☐ Low concentration EnCore samplers (48 hr)		
☐ High concentration pre-weighed (methanol -14 d)	☐ Low conc pre-weighed vials (Sod Bis -14 d)		
Special precautions or instructions included?	☐ Yes	☒ No	

Comments: Sample was received outside of temperature compliance. Approval to analyze per Chey-Anne Kilpatrick.
Sample was received outside of holding time. Approval to per Chey-Anne Kilpatrick.
Do not run the Trip Bank sample due to being received in a plastic pint per Chey-Anne Kilpatrick.

Signature:

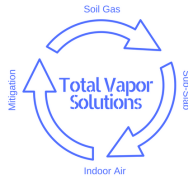
Angela Mckinney

Date & Time:

02/10/2025 12:51:49

Client Name/Address		Client Project Manager/Contact		Billing Information		For Laboratory Use Only	
LaBella Associates 528 Mineral Trace, Hoover, AL		David Wall		☐ RUSH - Additional charges apply ☐ Special Detection Limit(s) ☐ Date Results Needed		Method of Shipment ☒ Fed Ex ☐ Courier ☐ Other	
Project Description Kennedy Galvanizing		Project/Site Location (City/State) Harcerville, AL		Project Manager Email dwall@labella.com		Matrix Key WW - Wastewater GW - Groundwater DW - Drinking Water S - Soil /Solid O - Oil P - Product M - Misc	
Project Number 2251182		Project Manager Phone # 2059854874		Purchase Order Number		Site/Facility ID #	
Waypoint ANALYTICAL 2790 Whitten Road Memphis, TN 38133 (901) 213-2400		Number of Containers Unless noted, all containers per Table II of 40 CFR Part 136.		Matrix (Refer to Key) (G)rab or (C)omposite		Required Analysis / Preservative A Cool < 10C Na2S2O3 (Micro Only) B Cool <= 6C C H2SO4 pH<2 D None Required E NaOH pH>10 F HNO3 pH<2 G HCL pH<2 H H3PO4 pH<2 I Cool <= 6C NA2S2O3	
Date 2/12/13 2/13/13 2/15/13		Time 0812 1130 1130		Sample Identification GW-2 Trip Blank 2/10/13		Comments/Notes 25-041-0035 05143 02-10-2025 12:37:41 LaBella Associates Kennedy Galvanizing	
Ice y/n		Custody Seals y/n		Lab Comments Disregard trip Blank per client. Analyze samples out of temp compliance per client. ANN Placed with CRX out of hold. ANN		Client Remarks/Comments Sampled by (Name - Print) Cheryl Ann Patrick Relinquished by: (SIGNATURE) Relinquished by: (SIGNATURE) Relinquished by: (SIGNATURE)	
Blank/Cooler Temp 60 110		Date 2/12/13 2/13/13 2/15/13		Received by: (SIGNATURE) Received by: (SIGNATURE) Received by: (SIGNATURE)		Date 2-10-25 747	

APPENDIX D



LaBella Associates
Attn: David Wall
528 Mineral Trace
Hoover, Alabama 35244

2-14-2025

RE: Sub-slab Vapor Investigation
Kennedy Galvanizing
301 Industrial Boulevard
Hanceville, AL 35077

Mr. Wall,

Total Vapor Solutions (TVS) was contracted to conduct a vapor intrusion investigation at the above-referenced location. Four sub-slab samples were collected for the investigation. A Site Map, which shows the sample locations, is included in Appendix I.

Vapor Samples

Sub-Slab Samples

The sub-slab implant was installed using a handheld rotary drill. A .75" diameter drill bit was advanced to a depth of 2" below the bottom of the concrete. An airstone implant attached to the nylaflo tubing was installed. Quartz sand was placed around the implant, and hydrated bentonite was placed in the borehole to ensure proper isolation of the sub-slab air from the air within the breathing zone.

Sampling Protocol

Before sample collection, the appropriate QA/QC procedures (i.e., helium leak test, secondary leak test, a purge of ambient air, etc.) were performed to ensure the sample(s) competency. A field data report recorded QA/QC information and additional site and sample-specific information. The field data report has been included in **Appendix II**. All samples were collected in batch-certified 400-mL summa canisters provided by Eurofins Laboratory for analysis by EPA Method TO-15. The 450-mL summa canisters were outfitted with 200 mL/min flow controllers. The laboratory report has been included in **Appendix III**.

Risk Analysis

The sample results were input into the EPA Vapor Intrusion Screening Level Calculator (VISL) using the Alabama-specific initial screening risk inputs of 10⁻⁶ Cancer Risk, a Hazard Quotient of .1. Values highlighted in yellow indicate an exceedance of the appropriate screening level. The VISL calculator output results are included in **Appendix IV**.

Sample ID	Sample Date	Carcinogenic Risk	Hazard Quotient
		(10 ⁻⁶)	(.1)
SS-1	2-5-2025	9.14E-06	1.66E-01
SS-2	2-5-2025	6.86E-07	2.09E-02
SS-3	2-5-2025	7.90E-07	3.06E-02
SS-4	2-5-2025	1.93E-05	3.95E-01

The tables below summarize all chemical detections for each sample location, and the carcinogenic and hazard quotient risk calculations.

SS-1

Chemical	CAS Number	Site Sub-Slab and Exterior Soil Gas Concentration Csg (µg/m3)	VI Carcinogenic Risk CR	VI Hazard HQ
Benzene	71-43-2	3.30E+02	6.30E-06	7.53E-02
Carbon Disulfide	75-15-0	1.10E+02	-	1.08E-03
Dichloroethane, 1,2-	107-06-2	1.10E+01	7.00E-07	1.08E-02
Ethylbenzene	100-41-4	3.50E+02	2.14E-06	2.40E-03
Styrene	100-42-5	8.20E+00	-	5.62E-05
Tetrachloroethylene	127-18-4	1.10E+01	7.00E-09	1.88E-03
Toluene	108-88-3	9.90E+02	-	1.36E-03
Trimethylbenzene, 1,2,4-	95-63-6	1.10E+02	-	1.26E-02
Trimethylbenzene, 1,3,5-	108-67-8	7.70E+01	-	8.79E-03
Xylenes	1330-20-7	7.50E+02	-	5.14E-02
*Sum		-	9.14E-06	1.66E-01

SS-2

Chemical	CAS Number	Site Sub-Slab and Exterior Soil Gas Concentration Csg (µg/m3)	VI Carcinogenic Risk CR	VI Hazard HQ
Benzene	71-43-2	2.20E+01	4.20E-07	5.02E-03
Carbon Disulfide	75-15-0	8.80E+00	-	8.61E-05
Dichloroethane, 1,2-	107-06-2	-	-	-
Ethylbenzene	100-41-4	4.20E+01	2.57E-07	2.88E-04
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	1.50E+01	-	3.42E-05
Styrene	100-42-5	6.50E+00	-	4.45E-05

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Tetrachloroethylene	127-18-4	1.50E+01	9.54E-09	2.57E-03
Toluene	108-88-3	2.40E+02	-	3.29E-04
Trimethylbenzene, 1,2,4-	95-63-6	2.60E+01	-	2.97E-03
Trimethylbenzene, 1,3,5-	108-67-8	1.50E+01	-	1.71E-03
Xylenes	1330-20-7	1.14E+02	-	7.81E-03
<i>*Sum</i>		-	6.86E-07	2.09E-02

SS-3

Chemical	CAS Number	Site Sub-Slab and Exterior Soil Gas Concentration Csg (µg/m3)	VI Carcinogenic Risk CR	VI Hazard HQ
Benzene	71-43-2	2.80E+01	5.34E-07	6.39E-03
Carbon Disulfide	75-15-0	9.20E+00	-	9.00E-05
Dichloroethane, 1,2-	107-06-2	-	-	-
Ethylbenzene	100-41-4	3.50E+01	2.14E-07	2.40E-04
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	-	-	-
Styrene	100-42-5	8.80E+00	-	6.03E-05
Tetrachloroethylene	127-18-4	6.50E+01	4.13E-08	1.11E-02
Toluene	108-88-3	1.00E+02	-	1.37E-04
Trimethylbenzene, 1,2,4-	95-63-6	2.80E+01	-	3.20E-03
Trimethylbenzene, 1,3,5-	108-67-8	1.70E+01	-	1.94E-03
Xylenes	1330-20-7	1.08E+02	-	7.40E-03
<i>*Sum</i>		-	7.90E-07	3.06E-02

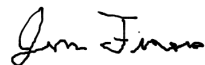
SS-4

Chemical	CAS Number	Site Sub-Slab and Exterior Soil Gas Concentration Csg (µg/m3)	VI Carcinogenic Risk CR	VI Hazard HQ
Benzene	71-43-2	5.90E+02	1.13E-05	1.35E-01
Carbon Disulfide	75-15-0	8.50E+01	-	8.32E-04
Dichloroethane, 1,2-	107-06-2	-	-	-
Ethylbenzene	100-41-4	1.30E+03	7.95E-06	8.90E-03
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	-	-	-
Styrene	100-42-5	-	-	-
Tetrachloroethylene	127-18-4	1.40E+02	8.90E-08	2.40E-02
Toluene	108-88-3	2.80E+03	-	3.84E-03
Trimethylbenzene, 1,2,4-	95-63-6	3.10E+02	-	3.54E-02

Trimethylbenzene, 1,3,5-	108-67-8	1.70E+02	-	1.94E-02
Xylenes	1330-20-7	2.45E+03	-	1.68E-01
<i>*Sum</i>		-	<i>1.93E-05</i>	<i>3.95E-01</i>

Conclusions:

Based on the results of the VISL calculations, there is an exceedance of the screening level at location SS-1 and SS-4. Based on site-specific conditions (building is open to the atmosphere on two sides,) the vapor intrusion risk should be considered minimal. If you have any questions concerning this report, please email me at jim@totalvaporsolutions.com or 770-883-3372.



Jim Fineis P.G.
President
Total Vapor Solutions

Appendix I

Map



● = Sub-slab Soil Gas

Sub-slab Locations
301 Industrial Boulevard
Hanceville, AL

Figure 1

02-05-2025

Appendix II

Field Data Report

Kennedy Galvanizing , 2025-02-05

Created	2025-02-05 11:24:37 EST by Jim Fineis
Updated	2025-02-16 17:33:49 EST by Jim Fineis
Location	34.0539105, -86.750605
Total Vapor Solutions	

Project Information

Project Name	Kennedy Galvanizing
Client Name	Labella
Client Onsite?	Yes
Onsite Representative	Chey-anne Kilpatrick
GPR Required (TVS Provided)	No

Job Site Photo



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Job Site Address	301 Industrial Boulevard Hanceville, Alabama 35077
Site or Location Name	Kennedy Galvanizing
Project Invoiced	No
Project Start Date	2025-02-05
Project End Data	2025-02-05
General Weather Conditions	65° and partly cloudy
Total Vapor Responsible for Shipping Samples?	Yes
Notes:	The structure is open air on two sides, it is not an enclosed structure
CSM Data	
CSM - Site Description	Slab on Grade - Commercial
HVAC	Central HVAC

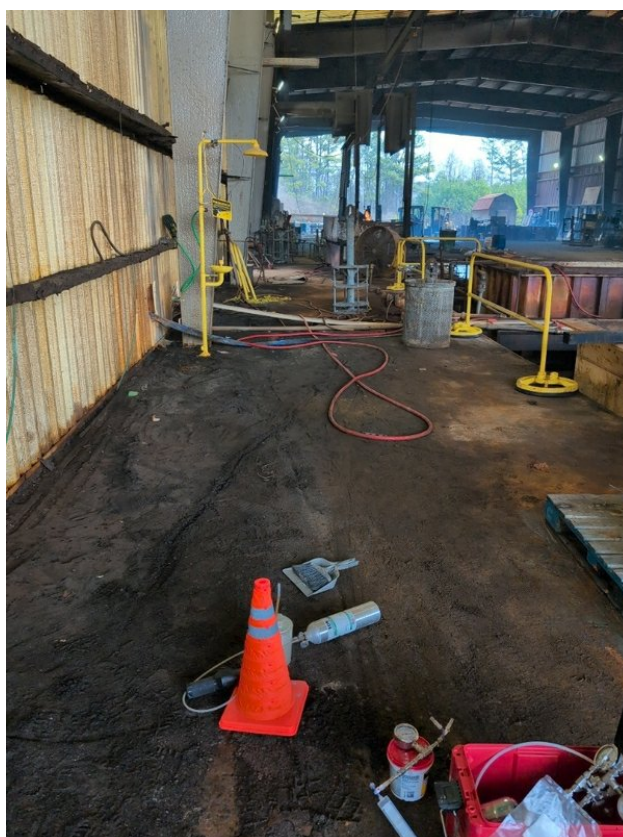


SS-1, SS-1

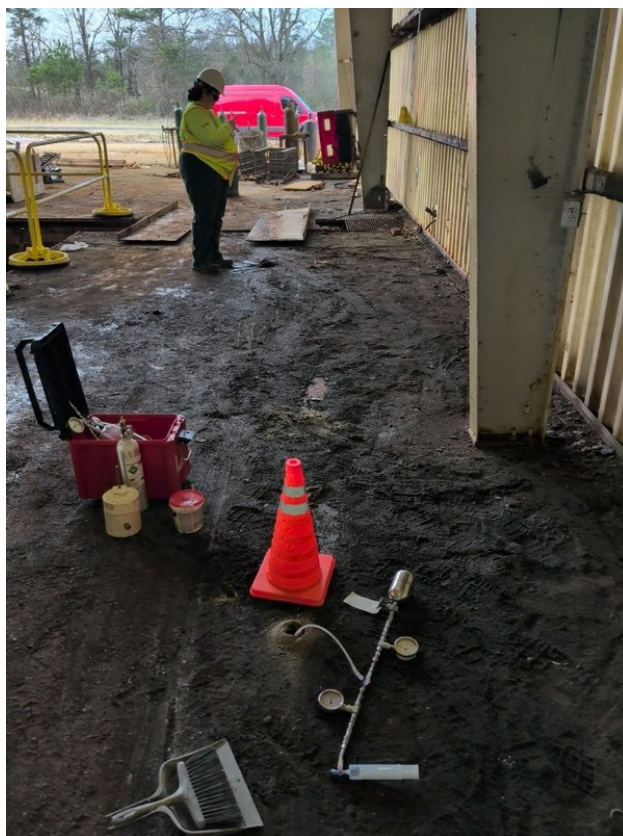
Sample Collected from Existing Implant

No

Photo of Implant



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Boring Number or ID	SS-1
---------------------	------

Sample ID / Location ID

Implant Location (Address or Lat/Long)	301 Industrial Boulevard Hanceville, Alabama 35077
--	---

Soil Vapor Implant Construction

Implant Installed	Yes
Installation Date	2025-02-05
Installation Time	08:10
Temporary or Permanent Implant	Temporary
Installation Method	Hammer Drill (sub-slab)
Borehole Diameter in Inches	0.75
Implant Type	Sub-Slab
Implant Material	Air-stone
Tubing Type	Nylaflow
Implant Depth in Inches	11
Concrete Slab Thickness (")	9
Sand Thickness (")	2
Bentonite Thickness (")	9
Helium Leak Test Information	

Helium Leak Test Information

Helium Leak Test Performed	Yes
Helium % Start	53



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Helium % Final	48
Helium In Implant (PPM or %)	0
Sample / Summa Canister Information	

Sample Collection

Sample Collected?	Yes
Collection Media	Summa Canister
Duplicate Sample Collected?	No
Sample Type	Sub-slab
Other Field Parameters Collected?	No
Laboratory Sample ID	SS-1
Summa Canister Certification	Batch Certified
Sample Date	2025-02-05
Analysis Requested	TO-15
Purge Volume (ml)	100
Shut In Test Completed	Yes
Flow Controller ID	232

Flow Controller Photo ID



Summa Canister ID	105
-------------------	-----



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Summa Can Photo ID



Beginning Summa Vacuum	29
Ending Summa Vacuum	0
Sample Time Start	10:29
Sample End Time	10:33



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Sample Tag Photo



SS-2, SS-2

Sample Collected from Existing Implant

No

Photo of Implant



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Boring Number or ID	SS-2
Longitude	-86.75061
Latitude	34.05384

Sample ID / Location ID

Implant Location (Address or Lat/Long)	301 Industrial Boulevard Hanceville, Alabama 35077
--	---

Soil Vapor Implant Construction

Implant Installed	Yes
Installation Date	2025-02-05
Installation Time	08:14
Temporary or Permanent Implant	Temporary
Installation Method	Hammer Drill (sub-slab)
Borehole Diameter in Inches	0.75
Implant Type	Sub-Slab
Implant Material	Air-stone
Tubing Type	Nylaflow
Implant Depth in Inches	11
Concrete Slab Thickness (")	9
Sand Thickness (")	2
Bentonite Thickness (")	9
Helium Leak Test Information	

Helium Leak Test Information



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Helium Leak Test Performed	Yes
Helium % Start	56
Helium % Final	49
Helium In Implant (PPM or %)	0
Sample / Summa Canister Information	

Sample Collection

Sample Collected?	Yes
Collection Media	Summa Canister
Duplicate Sample Collected?	No
Sample Type	Sub-slab
Other Field Parameters Collected?	No
Laboratory Sample ID	SS-2
Summa Canister Certification	Batch Certified
Sample Date	2025-02-05
Analysis Requested	TO-15
Purge Volume (ml)	100
Shut In Test Completed	Yes
Flow Controller ID	293

Flow Controller Photo ID



Summa Canister ID	121
-------------------	-----



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Summa Can Photo ID



Beginning Summa Vacuum	29
Ending Summa Vacuum	0
Sample Time Start	10:39
Sample End Time	10:42



Sample Tag Photo



SS-3, SS-3

Sample Collected from Existing Implant

No

Photo of Implant



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770-883-3372
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Boring Number or ID	SS-3
Longitude	-86.75061
Latitude	34.05384

Sample ID / Location ID

Implant Location (Address or Lat/Long)	301 Industrial Boulevard Hanceville, Alabama 35077
--	---

Soil Vapor Implant Construction

Implant Installed	Yes
Installation Date	2025-02-05
Installation Time	20:21
Temporary or Permanent Implant	Temporary
Installation Method	Hammer Drill (sub-slab)
Borehole Diameter in Inches	0.75
Implant Type	Sub-Slab
Implant Material	Air-stone
Tubing Type	Nylaflow
Implant Depth in Inches	11
Concrete Slab Thickness (")	9
Sand Thickness (")	2
Bentonite Thickness (")	9
Helium Leak Test Information	

Helium Leak Test Information



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770-883-3372
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Helium Leak Test Performed	Yes
Helium % Start	56
Helium % Final	49
Helium In Implant (PPM or %)	0
Sample / Summa Canister Information	

Sample Collection

Sample Collected?	Yes
Collection Media	Summa Canister
Duplicate Sample Collected?	No
Sample Type	Sub-slab
Other Field Parameters Collected?	No
Laboratory Sample ID	SS-3
Summa Canister Certification	Batch Certified
Sample Date	2025-02-05
Analysis Requested	TO-15
Purge Volume (ml)	100
Shut In Test Completed	Yes
Flow Controller ID	206

Flow Controller Photo ID



Summa Canister ID	125
-------------------	-----



Total Vapor Solutions
Jim Fineis
770-883-3372
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Summa Can Photo ID



Beginning Summa Vacuum	29
Ending Summa Vacuum	0
Sample Time Start	10:48
Sample End Time	10:51



Sample Tag Photo

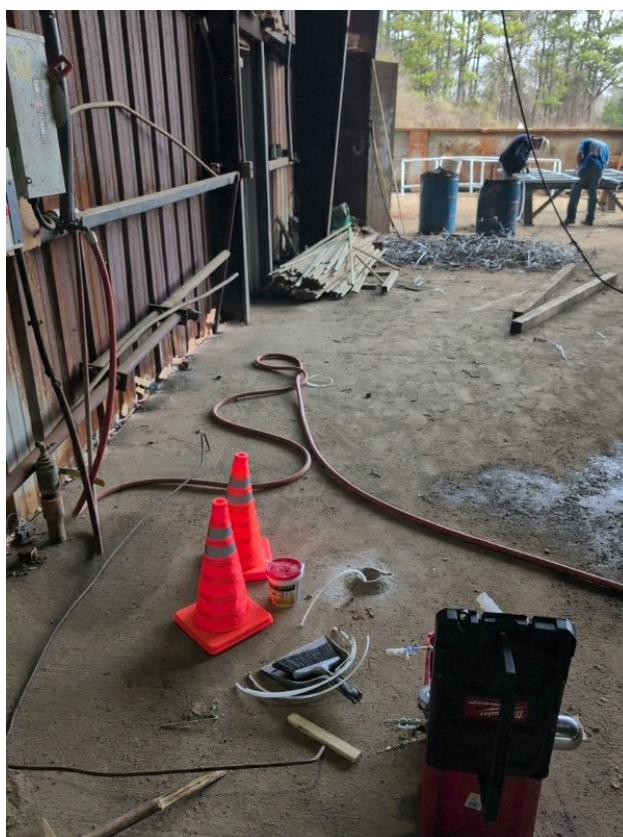
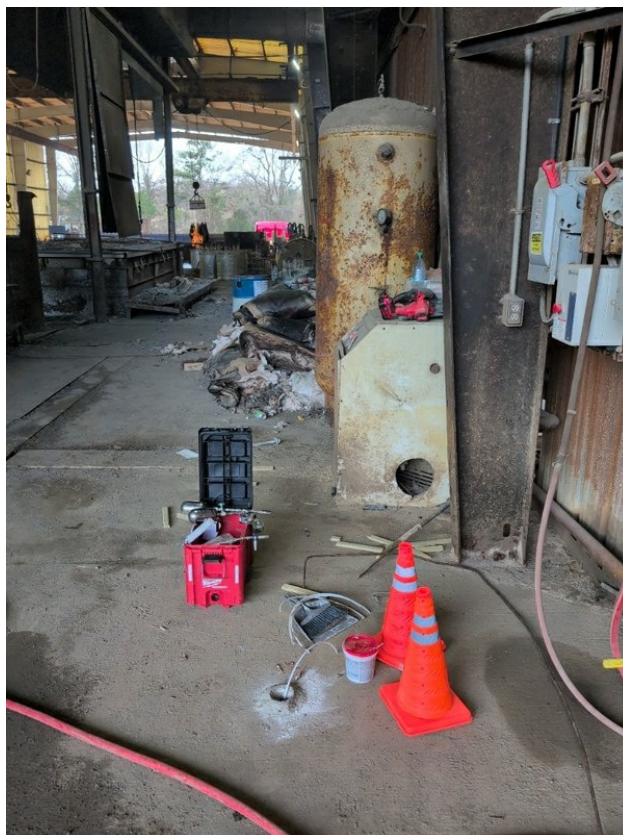


SS-4, SS-4

Sample Collected from Existing Implant

No

Photo of Implant



Total Vapor Solutions
Jim Fineis
770-883-3372
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Boring Number or ID	SS-4
Longitude	-86.75019
Latitude	34.05403

Sample ID / Location ID

Implant Location (Address or Lat/Long)	301 Industrial Boulevard Hanceville, Alabama 35077
--	---

Soil Vapor Implant Construction

Implant Installed	Yes
Installation Date	2025-02-05
Installation Time	20:26
Temporary or Permanent Implant	Temporary
Installation Method	Hammer Drill (sub-slab)
Borehole Diameter in Inches	0.75
Implant Type	Sub-Slab
Implant Material	Air-stone
Tubing Type	Nylaflow
Implant Depth in Inches	11
Concrete Slab Thickness (")	9
Sand Thickness (")	2
Bentonite Thickness (")	9
Helium Leak Test Information	

Helium Leak Test Information

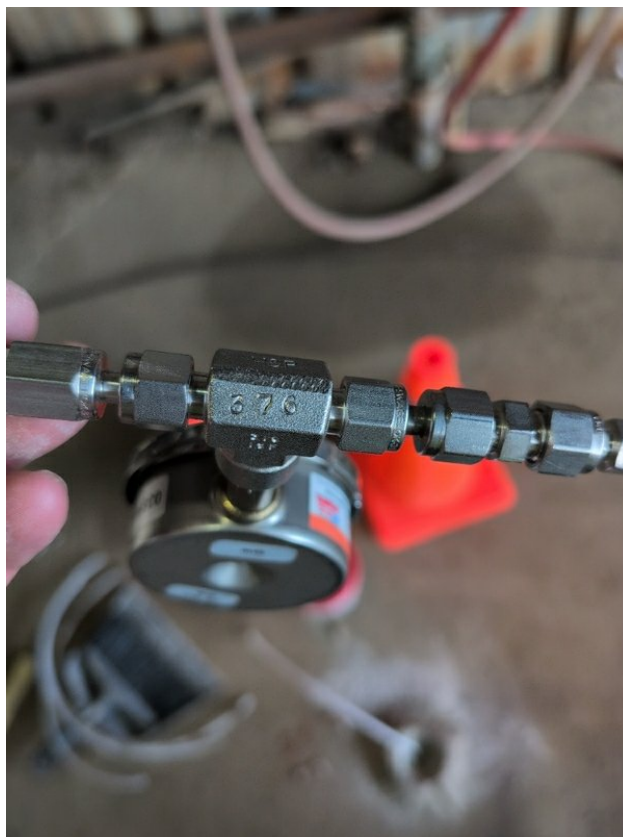
Helium Leak Test Performed	Yes
Helium % Start	53
Helium % Final	49
Helium In Implant (PPM or %)	0
Sample / Summa Can Information	

Sample Collection

Sample Collected?	Yes
Collection Media	Summa Canister
Duplicate Sample Collected?	No
Sample Type	Sub-slab
Other Field Parameters Collected?	No
Laboratory Sample ID	SS-4
Summa Canister Certification	Batch Certified
Sample Date	2025-02-05
Analysis Requested	TO-15
Purge Volume (ml)	100
Shut In Test Completed	Yes
Flow Controller ID	376



Flow Controller Photo ID



Summa Canister ID

123

Summa Can Photo ID



Beginning Summa Vacuum

29



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Ending Summa Vacuum	0
Sample Time Start	10:56
Sample End Time	10:59
Sample Tag Photo	



Laboratory	H&P Mobile Geochemistry
Sample Shipping Information	
Method of Shipping or Delivery	Fed-Ex
Scan Shipping Label	1001901710770009201000771900013831
Signature of Sampler or Installer	

Signed 2025-02-05 16:56:02 EST

Client Signature	
------------------	--

Signed 2025-02-16 17:33:29 EST



Total Vapor Solutions
Jim Fineis
770-883-3372
www.atlas-geo.com

[illegible]

N/A

N/A

Appendix III

Laboratory Report

13 February 2025

Jim Fineis
Total Vapor Solutions
120 Nottaway Lane
Alpharetta, GA 30009

H&P Project: TVS020725-14
Client Project: Kennedy Galvanizing / Hanceville, AL

Dear Jim Fineis:

Enclosed is the analytical report for the above referenced project. The data herein applies to samples as received by H&P Mobile Geochemistry, Inc. on 07-Feb-25 which were analyzed in accordance with the attached Chain of Custody record(s).

The results for all sample analyses and required QA/QC analyses are presented in the following sections and summarized in the documents:

- Sample Summary
- Case Narrative (if applicable)
- Sample Results
- Quality Control Summary
- Notes and Definitions / Appendix
- Chain of Custody
- Sampling Logs (if applicable)

Unless otherwise noted, I certify that all analyses were performed and reviewed in compliance with our Quality Systems Manual and Standard Operating Procedures. This report shall not be reproduced, except in full, without the written approval of H&P Mobile Geochemistry, Inc.

We at H&P Mobile Geochemistry, Inc. sincerely appreciate the opportunity to provide analytical services to you on this project. If you have any questions or concerns regarding this analytical report, please contact me at your convenience at 760-804-9678.

Sincerely,

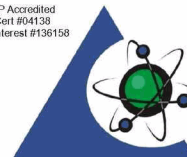


Lisa Eminhizer
Laboratory Director

H&P Mobile Geochemistry, Inc. is accredited under the National Laboratory Accreditation Program (NELAP) and the Department of Defense Environmental Laboratory Accreditation Program (DoD-ELAP), operating in accordance with international standard ISO/IEC 17025:2005 for the fields of proficiency and analytes listed on the applicable certificates. The certificates for EPA Method TO-15 and H&P Method 8260SV (modified EPA 8260B) can be found at www.handpmg.com, including accreditation certificate numbers, expiration of certificates, and scope of accreditation including matrix of accreditation. Vehicle Identification Numbers are included on the certifications for mobile lab analysis, if applicable. Fields of services and analytes contained in this report that are not listed on the certificates should be considered uncertified or unavailable for certification.



NELAP Accredited
TNI Cert #04138
Agency Interest #136158



**PJLA
Testing**
Accreditation #69070

Total Vapor Solutions
120 Nottaway Lane
Alpharetta, GA 30009

Project: TVS020725-14
Project Number: Kennedy Galvanizing / Hanceville, AL
Project Manager: Jim Fineis

Reported:
13-Feb-25 13:27

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-1	E502019-01	Vapor	05-Feb-25	07-Feb-25
SS-2	E502019-02	Vapor	05-Feb-25	07-Feb-25
SS-3	E502019-03	Vapor	05-Feb-25	07-Feb-25
SS-4	E502019-04	Vapor	05-Feb-25	07-Feb-25

The percent recovery for Carbon Disulfide fell above the method criteria in the continuing calibration verification. Results for this analyte may be biased high.

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DETECTIONS SUMMARY

Sample ID: SS-1

Laboratory ID: E502019-01

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Carbon disulfide	110	6.3	ug/m3	EPA TO-15	
1,2-Dichloroethane (EDC)	11	4.1	ug/m3	EPA TO-15	
Benzene	330	3.2	ug/m3	EPA TO-15	
Toluene	990	3.8	ug/m3	EPA TO-15	
Tetrachloroethene	11	6.9	ug/m3	EPA TO-15	
Ethylbenzene	350	4.4	ug/m3	EPA TO-15	
m,p-Xylene	470	8.8	ug/m3	EPA TO-15	
Styrene	8.2	4.3	ug/m3	EPA TO-15	
o-Xylene	280	4.4	ug/m3	EPA TO-15	
4-Ethyltoluene	34	5.0	ug/m3	EPA TO-15	
1,3,5-Trimethylbenzene	77	5.0	ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	110	5.0	ug/m3	EPA TO-15	

Sample ID: SS-2

Laboratory ID: E502019-02

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Carbon disulfide	8.8	6.3	ug/m3	EPA TO-15	
Benzene	22	3.2	ug/m3	EPA TO-15	
4-Methyl-2-pentanone (MIBK)	15	8.3	ug/m3	EPA TO-15	
Toluene	240	3.8	ug/m3	EPA TO-15	
Tetrachloroethene	15	6.9	ug/m3	EPA TO-15	
Ethylbenzene	42	4.4	ug/m3	EPA TO-15	
m,p-Xylene	76	8.8	ug/m3	EPA TO-15	
Styrene	6.5	4.3	ug/m3	EPA TO-15	
o-Xylene	38	4.4	ug/m3	EPA TO-15	
4-Ethyltoluene	5.4	5.0	ug/m3	EPA TO-15	
1,3,5-Trimethylbenzene	15	5.0	ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	26	5.0	ug/m3	EPA TO-15	

Sample ID: SS-3

Laboratory ID: E502019-03

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Carbon disulfide	9.2	6.3	ug/m3	EPA TO-15	
Benzene	28	3.2	ug/m3	EPA TO-15	
Toluene	100	3.8	ug/m3	EPA TO-15	
Tetrachloroethene	65	6.9	ug/m3	EPA TO-15	
Ethylbenzene	35	4.4	ug/m3	EPA TO-15	

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Sample ID: SS-3

Laboratory ID: E502019-03

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
m,p-Xylene	73	8.8	ug/m3	EPA TO-15	
Styrene	8.8	4.3	ug/m3	EPA TO-15	
o-Xylene	35	4.4	ug/m3	EPA TO-15	
4-Ethyltoluene	5.1	5.0	ug/m3	EPA TO-15	
1,3,5-Trimethylbenzene	17	5.0	ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	28	5.0	ug/m3	EPA TO-15	

Sample ID: SS-4

Laboratory ID: E502019-04

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Carbon disulfide	85	32	ug/m3	EPA TO-15	
Benzene	590	16	ug/m3	EPA TO-15	
Toluene	2800	19	ug/m3	EPA TO-15	
Tetrachloroethene	140	34	ug/m3	EPA TO-15	
Ethylbenzene	1300	22	ug/m3	EPA TO-15	
m,p-Xylene	1500	44	ug/m3	EPA TO-15	
o-Xylene	950	22	ug/m3	EPA TO-15	
4-Ethyltoluene	95	25	ug/m3	EPA TO-15	
1,3,5-Trimethylbenzene	170	25	ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	310	25	ug/m3	EPA TO-15	

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VOC Analysis by DoD-ELAP and NELAP Accredited EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SS-1 (E502019-01) Vapor Sampled: 05-Feb-25 Received: 07-Feb-25									
Dichlorodifluoromethane (F12)	ND	5.0	ug/m3	1	EB51112	11-Feb-25	11-Feb-25	EPA TO-15	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	110	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	11	4.1	"	"	"	"	"	"	
Benzene	330	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	990	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	11	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	350	4.4	"	"	"	"	"	"	
m,p-Xylene	470	8.8	"	"	"	"	"	"	
Styrene	8.2	4.3	"	"	"	"	"	"	
o-Xylene	280	4.4	"	"	"	"	"	"	

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
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SS-1 (E502019-01) Vapor Sampled: 05-Feb-25 Received: 07-Feb-25

Bromoform	ND	10	ug/m3	1	EB51112	11-Feb-25	11-Feb-25	EPA TO-15	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	34	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	77	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	110	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4

100 % 76-134

"

"

"

"

Surrogate: Toluene-d8

72.1 % 78-125

"

"

"

"

S-GC

Surrogate: 4-Bromofluorobenzene

87.4 % 77-127

"

"

"

"

SS-2 (E502019-02) Vapor Sampled: 05-Feb-25 Received: 07-Feb-25

Dichlorodifluoromethane (F12)	ND	5.0	ug/m3	1	EB51112	11-Feb-25	11-Feb-25	EPA TO-15	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	8.8	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	22	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SS-2 (E502019-02) Vapor Sampled: 05-Feb-25 Received: 07-Feb-25									
Bromodichloromethane	ND	6.8	ug/m3	1	EB51112	11-Feb-25	11-Feb-25	EPA TO-15	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	15	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	240	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	15	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	42	4.4	"	"	"	"	"	"	
m,p-Xylene	76	8.8	"	"	"	"	"	"	
Styrene	6.5	4.3	"	"	"	"	"	"	
o-Xylene	38	4.4	"	"	"	"	"	"	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	5.4	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	15	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	26	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4
Surrogate: Toluene-d8
Surrogate: 4-Bromofluorobenzene

101 % 76-134 "
105 % 78-125 "
97.2 % 77-127 "

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VOC Analysis by DoD-ELAP and NELAP Accredited EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SS-3 (E502019-03) Vapor Sampled: 05-Feb-25 Received: 07-Feb-25									
Dichlorodifluoromethane (F12)	ND	5.0	ug/m3	1	EB51112	11-Feb-25	11-Feb-25	EPA TO-15	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	9.2	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	28	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	100	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	65	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	35	4.4	"	"	"	"	"	"	
m,p-Xylene	73	8.8	"	"	"	"	"	"	
Styrene	8.8	4.3	"	"	"	"	"	"	
o-Xylene	35	4.4	"	"	"	"	"	"	

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SS-3 (E502019-03) Vapor Sampled: 05-Feb-25 Received: 07-Feb-25									
Bromoform	ND	10	ug/m3	1	EB51112	11-Feb-25	11-Feb-25	EPA TO-15	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	5.1	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	17	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	28	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	76-134		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		103 %	78-125		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		100 %	77-127		"	"	"	"	
SS-4 (E502019-04) Vapor Sampled: 05-Feb-25 Received: 07-Feb-25									
Dichlorodifluoromethane (F12)	ND	25	ug/m3	5	EB51112	11-Feb-25	11-Feb-25	EPA TO-15	
Chloromethane	ND	10	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	35	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	79	"	"	"	"	"	"	
Chloroethane	ND	40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	28	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	39	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	18	"	"	"	"	"	"	
Carbon disulfide	85	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	21	"	"	"	"	"	"	
2-Butanone (MEK)	ND	150	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	20	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	590	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	32	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,2-Dichloropropane	ND	47	"	"	"	"	"	"	

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H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SS-4 (E502019-04) Vapor Sampled: 05-Feb-25 Received: 07-Feb-25									
Bromodichloromethane	ND	34	ug/m3	5	EB51112	11-Feb-25	11-Feb-25	EPA TO-15	
cis-1,3-Dichloropropene	ND	23	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	23	"	"	"	"	"	"	
Toluene	2800	19	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	28	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	41	"	"	"	"	"	"	
Dibromochloromethane	ND	43	"	"	"	"	"	"	
Tetrachloroethene	140	34	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	39	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	35	"	"	"	"	"	"	
Chlorobenzene	ND	23	"	"	"	"	"	"	
Ethylbenzene	1300	22	"	"	"	"	"	"	
m,p-Xylene	1500	44	"	"	"	"	"	"	
Styrene	ND	22	"	"	"	"	"	"	
o-Xylene	950	22	"	"	"	"	"	"	
Bromoform	ND	52	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	35	"	"	"	"	"	"	
4-Ethyltoluene	95	25	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	170	25	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	310	25	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	190	"	"	"	"	"	"	
Hexachlorobutadiene	ND	270	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	76-134		"	"	"	"	
Surrogate: Toluene-d8		88.7 %	78-125		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.6 %	77-127		"	"	"	"	

Total Vapor Solutions
120 Nottaway Lane
Alpharetta, GA 30009

Project: TVS020725-14
Project Number: Kennedy Galvanizing / Hanceville, AL
Project Manager: Jim Fineis

Reported:
13-Feb-25 13:27

VOC Analysis by DoD-ELAP and NELAP Accredited EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EB51112 - TO-15

Blank (EB51112-BLK1)

Prepared & Analyzed: 11-Feb-25

Dichlorodifluoromethane (F12)	ND	5.0	ug/m3
Chloromethane	ND	2.1	"
Dichlorotetrafluoroethane (F114)	ND	7.1	"
Vinyl chloride	ND	2.6	"
Bromomethane	ND	16	"
Chloroethane	ND	8.0	"
Trichlorofluoromethane (F11)	ND	5.6	"
1,1-Dichloroethene	ND	4.0	"
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"
Methylene chloride (Dichloromethane)	ND	3.5	"
Carbon disulfide	ND	6.3	"
trans-1,2-Dichloroethene	ND	8.0	"
1,1-Dichloroethane	ND	4.1	"
2-Butanone (MEK)	ND	30	"
cis-1,2-Dichloroethene	ND	4.0	"
Chloroform	ND	4.9	"
1,1,1-Trichloroethane	ND	5.5	"
1,2-Dichloroethane (EDC)	ND	4.1	"
Benzene	ND	3.2	"
Carbon tetrachloride	ND	6.4	"
Trichloroethene	ND	5.5	"
1,2-Dichloropropane	ND	9.4	"
Bromodichloromethane	ND	6.8	"
cis-1,3-Dichloropropene	ND	4.6	"
4-Methyl-2-pentanone (MIBK)	ND	8.3	"
trans-1,3-Dichloropropene	ND	4.6	"
Toluene	ND	3.8	"
1,1,2-Trichloroethane	ND	5.5	"
2-Hexanone (MBK)	ND	8.3	"
Dibromochloromethane	ND	8.6	"
Tetrachloroethene	ND	6.9	"
1,2-Dibromoethane (EDB)	ND	7.8	"
1,1,1,2-Tetrachloroethane	ND	7.0	"
Chlorobenzene	ND	4.7	"

Total Vapor Solutions
120 Nottaway Lane
Alpharetta, GA 30009

Project: TVS020725-14
Project Number: Kennedy Galvanizing / Hanceville, AL
Project Manager: Jim Fineis

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VOC Analysis by DoD-ELAP and NELAP Accredited EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EB51112 - TO-15

Blank (EB51112-BLK1)

Prepared & Analyzed: 11-Feb-25

Ethylbenzene	ND	4.4	ug/m3							
m,p-Xylene	ND	8.8	"							
Styrene	ND	4.3	"							
o-Xylene	ND	4.4	"							
Bromoform	ND	10	"							
1,1,2,2-Tetrachloroethane	ND	7.0	"							
4-Ethyltoluene	ND	5.0	"							
1,3,5-Trimethylbenzene	ND	5.0	"							
1,2,4-Trimethylbenzene	ND	5.0	"							
1,3-Dichlorobenzene	ND	12	"							
1,4-Dichlorobenzene	ND	12	"							
1,2-Dichlorobenzene	ND	12	"							
1,2,4-Trichlorobenzene	ND	38	"							
Hexachlorobutadiene	ND	54	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	217		"	214		101	76-134			
<i>Surrogate: Toluene-d8</i>	226		"	208		109	78-125			
<i>Surrogate: 4-Bromofluorobenzene</i>	384		"	363		106	77-127			

LCS (EB51112-BS1)

Prepared & Analyzed: 11-Feb-25

Dichlorodifluoromethane (F12)	92	5.0	ug/m3	101		91.4	59-128			
Vinyl chloride	50	2.6	"	52.0		96.6	64-127			
Chloroethane	47	8.0	"	53.6		87.8	63-127			
Trichlorofluoromethane (F11)	100	5.6	"	113		88.0	62-126			
1,1-Dichloroethene	71	4.0	"	80.8		88.4	61-133			
1,1,2-Trichlorotrifluoroethane (F113)	240	7.7	"	155		157	66-126			QL-1H
Methylene chloride (Dichloromethane)	67	3.5	"	70.8		95.3	62-115			
trans-1,2-Dichloroethene	74	8.0	"	80.8		91.6	67-124			
1,1-Dichloroethane	74	4.1	"	82.4		89.5	68-126			
cis-1,2-Dichloroethene	71	4.0	"	80.0		88.5	70-121			
Chloroform	90	4.9	"	99.2		90.4	68-123			
1,1,1-Trichloroethane	97	5.5	"	111		87.0	68-125			
1,2-Dichloroethane (EDC)	73	4.1	"	82.4		88.7	65-128			
Benzene	54	3.2	"	64.8		83.6	69-119			

Total Vapor Solutions
120 Nottaway Lane
Alpharetta, GA 30009

Project: TVS020725-14
Project Number: Kennedy Galvanizing / Hanceville, AL
Project Manager: Jim Fineis

Reported:
13-Feb-25 13:27

VOC Analysis by DoD-ELAP and NELAP Accredited EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EB51112 - TO-15

LCS (EB51112-BS1)

Prepared & Analyzed: 11-Feb-25

Carbon tetrachloride	130	6.4	ug/m3	128		100	68-132			
Trichloroethene	100	5.5	"	110		91.9	71-123			
Toluene	73	3.8	"	76.8		95.6	66-119			
1,1,2-Trichloroethane	100	5.5	"	111		89.8	73-119			
Tetrachloroethene	120	6.9	"	138		90.2	66-124			
1,1,1,2-Tetrachloroethane	150	7.0	"	140		104	67-129			
Ethylbenzene	85	4.4	"	88.4		95.7	70-124			
m,p-Xylene	88	8.8	"	88.4		100	61-134			
o-Xylene	74	4.4	"	88.4		84.0	67-125			
1,1,2,2-Tetrachloroethane	120	7.0	"	140		85.4	65-127			

Surrogate: 1,2-Dichloroethane-d4	215		"	214		101	76-134			
Surrogate: Toluene-d8	200		"	208		96.3	78-125			
Surrogate: 4-Bromofluorobenzene	364		"	363		100	77-127			

LCS Dup (EB51112-BSD1)

Prepared & Analyzed: 11-Feb-25

Dichlorodifluoromethane (F12)	96	5.0	ug/m3	101		94.9	59-128	3.80	25	
Vinyl chloride	53	2.6	"	52.0		102	64-127	5.23	25	
Chloroethane	49	8.0	"	53.6		92.3	63-127	4.99	25	
Trichlorofluoromethane (F11)	100	5.6	"	113		92.7	62-126	5.24	25	
1,1-Dichloroethene	74	4.0	"	80.8		91.4	61-133	3.38	25	
1,1,2-Trichlorotrifluoroethane (F113)	250	7.7	"	155		162	66-126	3.08	25	QL-1H
Methylene chloride (Dichloromethane)	67	3.5	"	70.8		94.6	62-115	0.787	25	
trans-1,2-Dichloroethene	72	8.0	"	80.8		89.6	67-124	2.20	25	
1,1-Dichloroethane	78	4.1	"	82.4		94.8	68-126	5.79	25	
cis-1,2-Dichloroethene	70	4.0	"	80.0		87.0	70-121	1.72	25	
Chloroform	91	4.9	"	99.2		91.4	68-123	1.20	25	
1,1,1-Trichloroethane	100	5.5	"	111		91.4	68-125	5.01	25	
1,2-Dichloroethane (EDC)	77	4.1	"	82.4		93.0	65-128	4.77	25	
Benzene	55	3.2	"	64.8		85.4	69-119	2.13	25	
Carbon tetrachloride	130	6.4	"	128		104	68-132	4.15	25	
Trichloroethene	99	5.5	"	110		90.0	71-123	2.19	25	
Toluene	75	3.8	"	76.8		97.5	66-119	1.96	25	
1,1,2-Trichloroethane	100	5.5	"	111		89.7	73-119	0.111	25	

Total Vapor Solutions
120 Nottaway Lane
Alpharetta, GA 30009

Project: TVS020725-14
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13-Feb-25 13:27

VOC Analysis by DoD-ELAP and NELAP Accredited EPA TO-15 - Quality Control
H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EB51112 - TO-15

LCS Dup (EB51112-BSD1)

Prepared & Analyzed: 11-Feb-25

Tetrachloroethene	130	6.9	ug/m3	138		90.9	66-124	0.827	25	
1,1,1,2-Tetrachloroethane	150	7.0	"	140		105	67-129	1.24	25	
Ethylbenzene	85	4.4	"	88.4		96.2	70-124	0.570	25	
m,p-Xylene	87	8.8	"	88.4		98.9	61-134	1.15	25	
o-Xylene	75	4.4	"	88.4		84.7	67-125	0.943	25	
1,1,2,2-Tetrachloroethane	120	7.0	"	140		82.6	65-127	3.38	25	
Surrogate: 1,2-Dichloroethane-d4	216		"	214		101	76-134			
Surrogate: Toluene-d8	205		"	208		98.6	78-125			
Surrogate: 4-Bromofluorobenzene	352		"	363		96.9	77-127			

Total Vapor Solutions
120 Nottaway Lane
Alpharetta, GA 30009

Project: TVS020725-14
Project Number: Kennedy Galvanizing / Hanceville, AL
Project Manager: Jim Fineis

Reported:
13-Feb-25 13:27

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate(s).
QL-1H	The LCS and/or LCSD recoveries fell above the established control specifications for this analyte. Any result for this compound is qualified and should be considered biased high.
LCC	Leak Check Compound
ND	Analyte NOT DETECTED at or above the reporting limit
MDL	Method Detection Limit
%REC	Percent Recovery
RPD	Relative Percent Difference

Appendix

H&P Mobile Geochemistry, Inc. is approved as an Environmental Testing Laboratory and Mobile Laboratory in accordance with the DoD-ELAP Program and ISO/IEC 17025:2005 programs through PJLA, accreditation number 69070 for EPA Method TO-15 and H&P 8260SV.

H&P is approved by the State of Louisiana Department of Environmental Quality under the National Environmental Laboratory Accreditation Conference (NELAC) certification number 04138

The complete list of stationary and mobile laboratory certifications along with the fields of testing (FOTs) and analyte lists are available at www.handpmg.com/accreditations.

Appendix IV

VISL

SS-1

Variable	Commercial Air Default Value	Site-Specific Value
AF _{gw} (Attenuation Factor Groundwater) unitless	0.001	0.001
AF _{ee} (Attenuation Factor Sub-Slab) unitless	0.03	0.03
AT _{com} (averaging time - composite worker)	365	365
ED _{com} (exposure duration - composite worker) yr	25	25
EF _{com} (exposure frequency - composite worker) day/yr	250	250
ET _{com} (exposure time - composite worker) hr	8	8
THQ (target hazard quotient) unitless	0.1	0.1
LT (lifetime) yr	70	70
TR (target risk) unitless	1.0E-06	1.0E-06

SS-1
Labella - KG
2-14-2025

Commercial Vapor Intrusion Screening Levels (VISL)

2

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = DWSHA; W = TEF applied; E = RPF applied; U = user provided; G = see RSL User's Guide Section 5; CA = cancer; NC = noncancer.

Chemical	CAS Number	Does the chemical meet the definition for volatility? (HLC>1E-5 or VP>1)	Does the chemical have inhalation toxicity data? (IUR and/or RfC)	Is Chemical Sufficiently Volatile and Toxic to Pose Inhalation Risk Via Vapor Intrusion from Soil Source? ($C_{vp} > C_{ia,Target?}$)	Is Chemical Sufficiently Volatile and Toxic to Pose Inhalation Risk Via Vapor Intrusion from Groundwater Source? ($C_{hc} > C_{ia,Target?}$)	Target Indoor Air Concentration (TCR=1E-06 or THQ=0.1) $MIN(C_{ia,c}, C_{ia,nc})$ ($\mu g/m^3$)	Toxicity Basis	Target Sub-Slab and Near-source Soil Gas Concentration (TCR=1E-06 or THQ=0.1) $C_{sg,Target}$ ($\mu g/m^3$)	Target Groundwater Concentration (TCR=1E-06 or THQ=0.1) $C_{gw,Target}$ ($\mu g/L$)
Benzene	71-43-2	Yes	Yes	Yes	Yes	1.57E+00	CA	5.24E+01	6.93E+00
Carbon Disulfide	75-15-0	Yes	Yes	Yes	Yes	3.07E+02	NC	1.02E+04	5.21E+02
Dichloroethane, 1,2-	107-06-2	Yes	Yes	Yes	Yes	4.72E-01	CA	1.57E+01	9.78E+00
Ethylbenzene	100-41-4	Yes	Yes	Yes	Yes	4.91E+00	CA	1.64E+02	1.52E+01
Styrene	100-42-5	Yes	Yes	Yes	Yes	4.38E+02	NC	1.46E+04	3.90E+03
Tetrachloroethylene	127-18-4	Yes	Yes	Yes	Yes	1.75E+01	NC	5.84E+02	2.42E+01
Toluene	108-88-3	Yes	Yes	Yes	Yes	2.19E+03	NC	7.30E+04	8.07E+03
Trimethylbenzene, 1,2,4-	95-63-6	Yes	Yes	Yes	Yes	2.63E+01	NC	8.76E+02	1.04E+02
Trimethylbenzene, 1,3,5-	108-67-8	Yes	Yes	Yes	Yes	2.63E+01	NC	8.76E+02	7.33E+01
Xylenes	1330-20-7	Yes	Yes	Yes	Yes	4.38E+01	NC	1.46E+03	1.62E+02

Commercial Vapor Intrusion Screening Levels (VISL)

3

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = DWSHA; W = TEF applied; E = RPF applied; U = user provided; G = see RSL User's Guide Section 5; CA = cancer; NC = noncancer.

Is Target Groundwater Concentration < MCL? (C _{gw} < MCL?)	Pure Phase Vapor Concentration C _{vp} \ (25 °C) \ (µg/m ³)	Maximum Groundwater Vapor Concentration C _{hc} \ (µg/m ³)	Temperature for Maximum Groundwater Vapor Concentration (°C)	Lower Explosive Limit LEL (% by volume)	LEL Ref	IUR (ug/m ³) ⁻¹	IUR Ref	RfC (mg/m ³)	RfC Ref	Mutagenic Indicator	Carcinogenic VISL TCR=1E-06 C _{ia,c} (µg/m ³)	Noncarcinogenic VISL THQ=0.1 C _{ia,nc} (µg/m ³)
No (5)	3.98E+08	4.06E+08	25	1.20	CRC	7.80E-06	I	3.00E-02	I	No	1.57E+00	1.31E+01
--	1.47E+09	1.27E+09	25	1.30	CRC	-		7.00E-01	I	No	-	3.07E+02
No (5)	4.20E+08	4.15E+08	25	6.20	CRC	2.60E-05	I	7.00E-03	P	No	4.72E-01	3.07E+00
Yes (700)	5.48E+07	5.44E+07	25	0.80	CRC	2.50E-06	C	1.00E+00	I	No	4.91E+00	4.38E+02
No (100)	3.58E+07	3.49E+07	25	0.90	CRC	-		1.00E+00	I	No	-	4.38E+02
No (5)	1.65E+08	1.49E+08	25	-		2.60E-07	I	4.00E-02	I	No	4.72E+01	1.75E+01
No (1000)	1.41E+08	1.43E+08	25	1.10	CRC	-		5.00E+00	I	No	-	2.19E+03
--	1.36E+07	1.44E+07	25	0.90	CRC	-		6.00E-02	I	No	-	2.63E+01
--	1.60E+07	1.73E+07	25	1.00	CRC	-		6.00E-02	I	No	-	2.63E+01
Yes (10000)	4.56E+07	2.87E+07	25	-		-		1.00E-01	I	No	-	4.38E+01

Chemical	CAS Number	Site Sub-Slab and Exterior Soil Gas Concentration C _{sg} \ (µg/m ³)	Site Indoor Air Concentration C _{ia} \ (µg/m ³)	VI Carcinogenic Risk CDI (µg/m ³)	VI Carcinogenic Risk CR	VI Hazard CDI (mg/m ³)	VI Hazard HQ	IUR (ug/m ³) ⁻¹	IUR Ref
Benzene	71-43-2	330	9.90E+00	8.07E-01	6.30E-06	2.26E-03	7.53E-02	7.80E-06	I
Carbon Disulfide	75-15-0	110	3.30E+00	2.69E-01	-	7.53E-04	1.08E-03	-	
Dichloroethane, 1,2-	107-06-2	11	3.30E-01	2.69E-02	7.00E-07	7.53E-05	1.08E-02	2.60E-05	I
Ethylbenzene	100-41-4	350	1.05E+01	8.56E-01	2.14E-06	2.40E-03	2.40E-03	2.50E-06	C
Styrene	100-42-5	8.2	2.46E-01	2.01E-02	-	5.62E-05	5.62E-05	-	
Tetrachloroethylene	127-18-4	11	3.30E-01	2.69E-02	7.00E-09	7.53E-05	1.88E-03	2.60E-07	I
Toluene	108-88-3	990	2.97E+01	2.42E+00	-	6.78E-03	1.36E-03	-	
Trimethylbenzene, 1,2,4-	95-63-6	110	3.30E+00	2.69E-01	-	7.53E-04	1.26E-02	-	
Trimethylbenzene, 1,3,5-	108-67-8	77	2.31E+00	1.88E-01	-	5.27E-04	8.79E-03	-	
Xylenes	1330-20-7	750	2.25E+01	1.83E+00	-	5.14E-03	5.14E-02	-	
*Sum		-	-	-	9.14E-06	-	1.66E-01	-	

Chronic RfC (mg/m ³)	RfC Ref	Temperature (°C)\ for Groundwater Vapor Concentration	Mutagen?
3.00E-02	I	25	No
7.00E-01	I	25	No
7.00E-03	P	25	No
1.00E+00	I	25	No
1.00E+00	I	25	No
4.00E-02	I	25	No
5.00E+00	I	25	No
6.00E-02	I	25	No
6.00E-02	I	25	No
1.00E-01	I	25	No
-		-	

Chemical	CAS Number	Does the chemical meet the definition for volatility? (HLC>1E-5 or VP>1)	Does the chemical have inhalation toxicity data? (IUR and/or RfC)	MW	MW Ref	Vapor Pressure VP (mm Hg)	VP Ref	S (mg/L)	S Ref	MCL (ug/L)
Benzene	71-43-2	Yes	Yes	78.12	PHYSPROP	9.48E+01	PHYSPROP	1.79E+03	PHYSPROP	5
Carbon Disulfide	75-15-0	Yes	Yes	76.14	PHYSPROP	3.59E+02	PHYSPROP	2.16E+03	PHYSPROP	-
Dichloroethane, 1,2-	107-06-2	Yes	Yes	98.96	PHYSPROP	7.89E+01	PHYSPROP	8.60E+03	PHYSPROP	5
Ethylbenzene	100-41-4	Yes	Yes	106.17	PHYSPROP	9.60E+00	PHYSPROP	1.69E+02	PHYSPROP	700
Styrene	100-42-5	Yes	Yes	104.15	PHYSPROP	6.40E+00	PHYSPROP	3.10E+02	PHYSPROP	100
Tetrachloroethylene	127-18-4	Yes	Yes	165.83	PHYSPROP	1.85E+01	PHYSPROP	2.06E+02	PHYSPROP	5
Toluene	108-88-3	Yes	Yes	92.14	PHYSPROP	2.84E+01	PHYSPROP	5.26E+02	PHYSPROP	1000
Trimethylbenzene, 1,2,4-	95-63-6	Yes	Yes	120.20	PHYSPROP	2.10E+00	PHYSPROP	5.70E+01	PHYSPROP	-
Trimethylbenzene, 1,3,5-	108-67-8	Yes	Yes	120.20	PHYSPROP	2.48E+00	PHYSPROP	4.82E+01	PHYSPROP	-
Xylenes	1330-20-7	Yes	Yes	106.17	PHYSPROP	7.99E+00	PHYSPROP	1.06E+02	PHYSPROP	10000

HLC (atm-m ³ /mole)	Henry's Law Constant (unitless)	H ⁺ and HLC Ref	Henry's Law Constant Used in Calcs (unitless)	Normal Boiling Point BP (K)	BP Ref	Critical Temperature T _c (K)	T _c Ref	Enthalpy of vaporization at the normal boiling point ΔH _{v,b} (cal/mol)	ΔH _{v,b} Ref	Lower Explosive Limit LEL (% by volume)	LEL Ref
5.55E-03	2.27E-01	PHYSPROP	2.27E-01	353.15	PHYSPROP	5.62E+02	CRC	7342.26	CRC	1.20	CRC
1.44E-02	5.89E-01	PHYSPROP	5.89E-01	319.15	PHYSPROP	5.52E+02	CRC	6391.01	CRC	1.30	CRC
1.18E-03	4.82E-02	PHYSPROP	4.82E-02	356.65	PHYSPROP	5.62E+02	CRC	7643.40	CRC	6.20	CRC
7.88E-03	3.22E-01	PHYSPROP	3.22E-01	409.25	PHYSPROP	6.17E+02	CRC	8501.43	CRC	0.80	CRC
2.75E-03	1.12E-01	PHYSPROP	1.12E-01	418.15	PHYSPROP	6.35E+02	CRC	9249.52	CRC	0.90	CRC
1.77E-02	7.24E-01	PHYSPROP	7.24E-01	394.45	PHYSPROP	6.20E+02	YAWS	8288.72	CRC	-	
6.64E-03	2.71E-01	PHYSPROP	2.71E-01	383.75	PHYSPROP	5.92E+02	CRC	7930.21	CRC	1.10	CRC
6.16E-03	2.52E-01	PHYSPROP	2.52E-01	442.45	PHYSPROP	6.49E+02	CRC	9368.80	TOXNET	0.90	CRC
8.77E-03	3.59E-01	PHYSPROP	3.59E-01	437.85	PHYSPROP	6.37E+02	CRC	9321.00	TOXNET	1.00	CRC
6.63E-03	2.71E-01	PHYSPROP	2.71E-01	411.65	PHYSPROP	6.20E+02	YAWS	8523.00	Weast	-	

SS-2

Commercial Vapor Intrusion Screening Levels (VISL)

2

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = DWSHA; W = TEF applied; E = RPF applied; U = user provided; G = see RSL User's Guide Section 5; CA = cancer; NC = noncancer.

Chemical	CAS Number	Does the chemical meet the definition for volatility? (HLC>1E-5 or VP>1)	Does the chemical have inhalation toxicity data? (IUR and/or RfC)	Is Chemical Sufficiently Volatile and Toxic to Pose Inhalation Risk Via Vapor Intrusion from Soil Source? ($C_{vp} > C_{ia,Target?}$)	Is Chemical Sufficiently Volatile and Toxic to Pose Inhalation Risk Via Vapor Intrusion from Groundwater Source? ($C_{hc} > C_{ia,Target?}$)	Target Indoor Air Concentration (TCR=1E-06 or THQ=0.1) $MIN(C_{ia,c}, C_{ia,nc})$ ($\mu g/m^3$)	Toxicity Basis	Target Sub-Slab and Near-source Soil Gas Concentration (TCR=1E-06 or THQ=0.1) $C_{sg,Target}$ ($\mu g/m^3$)	Target Groundwater Concentration (TCR=1E-06 or THQ=0.1) $C_{gw,Target}$ ($\mu g/L$)
Benzene	71-43-2	Yes	Yes	Yes	Yes	1.57E+00	CA	5.24E+01	6.93E+00
Carbon Disulfide	75-15-0	Yes	Yes	Yes	Yes	3.07E+02	NC	1.02E+04	5.21E+02
Dichloroethane, 1,2-	107-06-2	Yes	Yes	Yes	Yes	4.72E-01	CA	1.57E+01	9.78E+00
Ethylbenzene	100-41-4	Yes	Yes	Yes	Yes	4.91E+00	CA	1.64E+02	1.52E+01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	Yes	Yes	Yes	Yes	1.31E+03	NC	4.38E+04	2.33E+05
Styrene	100-42-5	Yes	Yes	Yes	Yes	4.38E+02	NC	1.46E+04	3.90E+03
Tetrachloroethylene	127-18-4	Yes	Yes	Yes	Yes	1.75E+01	NC	5.84E+02	2.42E+01
Toluene	108-88-3	Yes	Yes	Yes	Yes	2.19E+03	NC	7.30E+04	8.07E+03
Trimethylbenzene, 1,2,4-	95-63-6	Yes	Yes	Yes	Yes	2.63E+01	NC	8.76E+02	1.04E+02
Trimethylbenzene, 1,3,5-	108-67-8	Yes	Yes	Yes	Yes	2.63E+01	NC	8.76E+02	7.33E+01
Xylenes	1330-20-7	Yes	Yes	Yes	Yes	4.38E+01	NC	1.46E+03	1.62E+02

Variable	Commercial Air Default Value	Site-Specific Value
AF _{gw} (Attenuation Factor Groundwater) unitless	0.001	0.001
AF _{ee} (Attenuation Factor Sub-Slab) unitless	0.03	0.03
AT _{com} (averaging time - composite worker)	365	365
ED _{com} (exposure duration - composite worker) yr	25	25
EF _{com} (exposure frequency - composite worker) day/yr	250	250
ET _{com} (exposure time - composite worker) hr	8	8
THQ (target hazard quotient) unitless	0.1	0.1
LT (lifetime) yr	70	70
TR (target risk) unitless	1.0E-06	1.0E-06

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LAbella KG
2-14-2025

Commercial Vapor Intrusion Screening Levels (VISL)

3

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = DWSHA; W = TEF applied; E = RPF applied; U = user provided; G = see RSL User's Guide Section 5; CA = cancer; NC = noncancer.

Is Target Groundwater Concentration < MCL? (C _{gw} < MCL?)	Pure Phase Vapor Concentration C _{vp} \ (25 °C) \ (μg/m ³)	Maximum Groundwater Vapor Concentration C _{hc} \ (μg/m ³)	Temperature for Maximum Groundwater Vapor Concentration (°C)	Lower Explosive Limit LEL (% by volume)	LEL Ref	IUR (ug/m ³) ⁻¹	IUR Ref	RfC (mg/m ³)	RfC Ref	Mutagenic Indicator	Carcinogenic VISL TCR=1E-06 C _{ia,c} (μg/m ³)	Noncarcinogenic VISL THQ=0.1 C _{ia,nc} (μg/m ³)
No (5)	3.98E+08	4.06E+08	25	1.20	CRC	7.80E-06	I	3.00E-02	I	No	1.57E+00	1.31E+01
--	1.47E+09	1.27E+09	25	1.30	CRC	-		7.00E-01	I	No	-	3.07E+02
No (5)	4.20E+08	4.15E+08	25	6.20	CRC	2.60E-05	I	7.00E-03	P	No	4.72E-01	3.07E+00
Yes (700)	5.48E+07	5.44E+07	25	0.80	CRC	2.50E-06	C	1.00E+00	I	No	4.91E+00	4.38E+02
--	1.07E+08	1.07E+08	25	1.20	CRC	-		3.00E+00	I	No	-	1.31E+03
No (100)	3.58E+07	3.49E+07	25	0.90	CRC	-		1.00E+00	I	No	-	4.38E+02
No (5)	1.65E+08	1.49E+08	25	-		2.60E-07	I	4.00E-02	I	No	4.72E+01	1.75E+01
No (1000)	1.41E+08	1.43E+08	25	1.10	CRC	-		5.00E+00	I	No	-	2.19E+03
--	1.36E+07	1.44E+07	25	0.90	CRC	-		6.00E-02	I	No	-	2.63E+01
--	1.60E+07	1.73E+07	25	1.00	CRC	-		6.00E-02	I	No	-	2.63E+01
Yes (10000)	4.56E+07	2.87E+07	25	-		-		1.00E-01	I	No	-	4.38E+01

Commercial Vapor Intrusion Risk

Chemical	CAS Number	Site Sub-Slab and Exterior Soil Gas Concentration C_{sg} \ ($\mu\text{g}/\text{m}^3$)	Site Indoor Air Concentration C_{ia} \ ($\mu\text{g}/\text{m}^3$)	VI Carcinogenic Risk CDI ($\mu\text{g}/\text{m}^3$)
Benzene	71-43-2	22	6.60E-01	5.38E-02
Carbon Disulfide	75-15-0	8.8	2.64E-01	2.15E-02
Dichloroethane, 1,2-	107-06-2	-	-	-
Ethylbenzene	100-41-4	42	1.26E+00	1.03E-01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	15	4.50E-01	3.67E-02
Styrene	100-42-5	6.5	1.95E-01	1.59E-02
Tetrachloroethylene	127-18-4	15	4.50E-01	3.67E-02
Toluene	108-88-3	240	7.20E+00	5.87E-01
Trimethylbenzene, 1,2,4-	95-63-6	26	7.80E-01	6.36E-02
Trimethylbenzene, 1,3,5-	108-67-8	15	4.50E-01	3.67E-02
Xylenes	1330-20-7	114	3.42E+00	2.79E-01
*Sum		-	-	-

VI Carcinogenic Risk CR	VI Hazard CDI (mg/m ³)	VI Hazard HQ	IUR (ug/m ³) ⁻¹	IUR Ref	Chronic RfC (mg/m ³)	RfC Ref	Temperature (°C)\ for Groundwater Vapor Concentration	Mutagen?
4.20E-07	1.51E-04	5.02E-03	7.80E-06	I	3.00E-02	I	25	No
-	6.03E-05	8.61E-05	-		7.00E-01	I	25	No
-	-	-	2.60E-05	I	7.00E-03	P	25	No
2.57E-07	2.88E-04	2.88E-04	2.50E-06	C	1.00E+00	I	25	No
-	1.03E-04	3.42E-05	-		3.00E+00	I	25	No
-	4.45E-05	4.45E-05	-		1.00E+00	I	25	No
9.54E-09	1.03E-04	2.57E-03	2.60E-07	I	4.00E-02	I	25	No
-	1.64E-03	3.29E-04	-		5.00E+00	I	25	No
-	1.78E-04	2.97E-03	-		6.00E-02	I	25	No
-	1.03E-04	1.71E-03	-		6.00E-02	I	25	No
-	7.81E-04	7.81E-03	-		1.00E-01	I	25	No
6.86E-07	-	2.09E-02	-		-		-	

Chemical	CAS Number	Does the chemical meet the definition for volatility? (HLC>1E-5 or VP>1)	Does the chemical have inhalation toxicity data? (IUR and/or RfC)	MW	MW Ref	Vapor Pressure VP (mm Hg)	VP Ref	S (mg/L)	S Ref	MCL (ug/L)
Benzene	71-43-2	Yes	Yes	78.12	PHYSPROP	9.48E+01	PHYSPROP	1.79E+03	PHYSPROP	5
Carbon Disulfide	75-15-0	Yes	Yes	76.14	PHYSPROP	3.59E+02	PHYSPROP	2.16E+03	PHYSPROP	-
Dichloroethane, 1,2-	107-06-2	Yes	Yes	98.96	PHYSPROP	7.89E+01	PHYSPROP	8.60E+03	PHYSPROP	5
Ethylbenzene	100-41-4	Yes	Yes	106.17	PHYSPROP	9.60E+00	PHYSPROP	1.69E+02	PHYSPROP	700
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	Yes	Yes	100.16	PHYSPROP	1.99E+01	PHYSPROP	1.90E+04	PHYSPROP	-
Styrene	100-42-5	Yes	Yes	104.15	PHYSPROP	6.40E+00	PHYSPROP	3.10E+02	PHYSPROP	100
Tetrachloroethylene	127-18-4	Yes	Yes	165.83	PHYSPROP	1.85E+01	PHYSPROP	2.06E+02	PHYSPROP	5
Toluene	108-88-3	Yes	Yes	92.14	PHYSPROP	2.84E+01	PHYSPROP	5.26E+02	PHYSPROP	1000
Trimethylbenzene, 1,2,4-	95-63-6	Yes	Yes	120.20	PHYSPROP	2.10E+00	PHYSPROP	5.70E+01	PHYSPROP	-
Trimethylbenzene, 1,3,5-	108-67-8	Yes	Yes	120.20	PHYSPROP	2.48E+00	PHYSPROP	4.82E+01	PHYSPROP	-
Xylenes	1330-20-7	Yes	Yes	106.17	PHYSPROP	7.99E+00	PHYSPROP	1.06E+02	PHYSPROP	10000

HLC (atm-m ³ /mole)	Henry's Law Constant (unitless)	H` and HLC Ref	Henry's Law Constant Used in Calcs (unitless)	Normal Boiling Point BP (K)	BP Ref	Critical Temperature T _c \ (K)	T _c \ Ref	Enthalpy of vaporization at the normal boiling point ΔH _{v,b} \ (cal/mol)	ΔH _{v,b} \ Ref	Lower Explosive Limit LEL (% by volume)	LEL Ref
5.55E-03	2.27E-01	PHYSPROP	2.27E-01	353.15	PHYSPROP	5.62E+02	CRC	7342.26	CRC	1.20	CRC
1.44E-02	5.89E-01	PHYSPROP	5.89E-01	319.15	PHYSPROP	5.52E+02	CRC	6391.01	CRC	1.30	CRC
1.18E-03	4.82E-02	PHYSPROP	4.82E-02	356.65	PHYSPROP	5.62E+02	CRC	7643.40	CRC	6.20	CRC
7.88E-03	3.22E-01	PHYSPROP	3.22E-01	409.25	PHYSPROP	6.17E+02	CRC	8501.43	CRC	0.80	CRC
1.38E-04	5.64E-03	EPI	5.64E-03	389.65	PHYSPROP	5.75E+02	CRC	8243.31	CRC	1.20	CRC
2.75E-03	1.12E-01	PHYSPROP	1.12E-01	418.15	PHYSPROP	6.35E+02	CRC	9249.52	CRC	0.90	CRC
1.77E-02	7.24E-01	PHYSPROP	7.24E-01	394.45	PHYSPROP	6.20E+02	YAWS	8288.72	CRC	-	
6.64E-03	2.71E-01	PHYSPROP	2.71E-01	383.75	PHYSPROP	5.92E+02	CRC	7930.21	CRC	1.10	CRC
6.16E-03	2.52E-01	PHYSPROP	2.52E-01	442.45	PHYSPROP	6.49E+02	CRC	9368.80	TOXNET	0.90	CRC
8.77E-03	3.59E-01	PHYSPROP	3.59E-01	437.85	PHYSPROP	6.37E+02	CRC	9321.00	TOXNET	1.00	CRC
6.63E-03	2.71E-01	PHYSPROP	2.71E-01	411.65	PHYSPROP	6.20E+02	YAWS	8523.00	Weast	-	

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Variable	Commercial Air Default Value	Site-Specific Value
AF _{gw} (Attenuation Factor Groundwater) unitless	0.001	0.001
AF _{ee} (Attenuation Factor Sub-Slab) unitless	0.03	0.03
AT _{com} (averaging time - composite worker)	365	365
ED _{com} (exposure duration - composite worker) yr	25	25
EF _{com} (exposure frequency - composite worker) day/yr	250	250
ET _{com} (exposure time - composite worker) hr	8	8
THQ (target hazard quotient) unitless	0.1	0.1
LT (lifetime) yr	70	70
TR (target risk) unitless	1.0E-06	1.0E-06

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Labella KG
2-14-2025

Commercial Vapor Intrusion Screening Levels (VISL)

2

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = DWSHA; W = TEF applied; E = RPF applied; U = user provided; G = see RSL User's Guide Section 5; CA = cancer; NC = noncancer.

Chemical	CAS Number	Does the chemical meet the definition for volatility? (HLC>1E-5 or VP>1)	Does the chemical have inhalation toxicity data? (IUR and/or RfC)	Is Chemical Sufficiently Volatile and Toxic to Pose Inhalation Risk Via Vapor Intrusion from Soil Source? ($C_{vp} > C_{ia,Target?}$)	Is Chemical Sufficiently Volatile and Toxic to Pose Inhalation Risk Via Vapor Intrusion from Groundwater Source? ($C_{hc} > C_{ia,Target?}$)	Target Indoor Air Concentration (TCR=1E-06 or THQ=0.1) $MIN(C_{ia,c}, C_{ia,nc})$ ($\mu g/m^3$)	Toxicity Basis	Target Sub-Slab and Near-source Soil Gas Concentration (TCR=1E-06 or THQ=0.1) $C_{sg,Target}$ ($\mu g/m^3$)	Target Groundwater Concentration (TCR=1E-06 or THQ=0.1) $C_{gw,Target}$ ($\mu g/L$)
Benzene	71-43-2	Yes	Yes	Yes	Yes	1.57E+00	CA	5.24E+01	6.93E+00
Carbon Disulfide	75-15-0	Yes	Yes	Yes	Yes	3.07E+02	NC	1.02E+04	5.21E+02
Dichloroethane, 1,2-	107-06-2	Yes	Yes	Yes	Yes	4.72E-01	CA	1.57E+01	9.78E+00
Ethylbenzene	100-41-4	Yes	Yes	Yes	Yes	4.91E+00	CA	1.64E+02	1.52E+01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	Yes	Yes	Yes	Yes	1.31E+03	NC	4.38E+04	2.33E+05
Styrene	100-42-5	Yes	Yes	Yes	Yes	4.38E+02	NC	1.46E+04	3.90E+03
Tetrachloroethylene	127-18-4	Yes	Yes	Yes	Yes	1.75E+01	NC	5.84E+02	2.42E+01
Toluene	108-88-3	Yes	Yes	Yes	Yes	2.19E+03	NC	7.30E+04	8.07E+03
Trimethylbenzene, 1,2,4-	95-63-6	Yes	Yes	Yes	Yes	2.63E+01	NC	8.76E+02	1.04E+02
Trimethylbenzene, 1,3,5-	108-67-8	Yes	Yes	Yes	Yes	2.63E+01	NC	8.76E+02	7.33E+01
Xylenes	1330-20-7	Yes	Yes	Yes	Yes	4.38E+01	NC	1.46E+03	1.62E+02

Commercial Vapor Intrusion Screening Levels (VISL)

3

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = DWSHA; W = TEF applied; E = RPF applied; U = user provided; G = see RSL User's Guide Section 5; CA = cancer; NC = noncancer.

Is Target Groundwater Concentration < MCL? (C _{gw} < MCL?)	Pure Phase Vapor Concentration C _{vp} \ (25 °C) \ (μg/m ³)	Maximum Groundwater Vapor Concentration C _{hc} \ (μg/m ³)	Temperature for Maximum Groundwater Vapor Concentration (°C)	Lower Explosive Limit LEL (% by volume)	LEL Ref	IUR (ug/m ³) ⁻¹	IUR Ref	RfC (mg/m ³)	RfC Ref	Mutagenic Indicator	Carcinogenic VISL TCR=1E-06 C _{ia,c} (μg/m ³)	Noncarcinogenic VISL THQ=0.1 C _{ia,nc} (μg/m ³)
No (5)	3.98E+08	4.06E+08	25	1.20	CRC	7.80E-06	I	3.00E-02	I	No	1.57E+00	1.31E+01
--	1.47E+09	1.27E+09	25	1.30	CRC	-		7.00E-01	I	No	-	3.07E+02
No (5)	4.20E+08	4.15E+08	25	6.20	CRC	2.60E-05	I	7.00E-03	P	No	4.72E-01	3.07E+00
Yes (700)	5.48E+07	5.44E+07	25	0.80	CRC	2.50E-06	C	1.00E+00	I	No	4.91E+00	4.38E+02
--	1.07E+08	1.07E+08	25	1.20	CRC	-		3.00E+00	I	No	-	1.31E+03
No (100)	3.58E+07	3.49E+07	25	0.90	CRC	-		1.00E+00	I	No	-	4.38E+02
No (5)	1.65E+08	1.49E+08	25	-		2.60E-07	I	4.00E-02	I	No	4.72E+01	1.75E+01
No (1000)	1.41E+08	1.43E+08	25	1.10	CRC	-		5.00E+00	I	No	-	2.19E+03
--	1.36E+07	1.44E+07	25	0.90	CRC	-		6.00E-02	I	No	-	2.63E+01
--	1.60E+07	1.73E+07	25	1.00	CRC	-		6.00E-02	I	No	-	2.63E+01
Yes (10000)	4.56E+07	2.87E+07	25	-		-		1.00E-01	I	No	-	4.38E+01

Commercial Vapor Intrusion Risk

Chemical	CAS Number	Site Sub-Slab and Exterior Soil Gas Concentration C_{sg} \ ($\mu\text{g}/\text{m}^3$)	Site Indoor Air Concentration C_{ia} \ ($\mu\text{g}/\text{m}^3$)	VI Carcinogenic Risk CDI ($\mu\text{g}/\text{m}^3$)
Benzene	71-43-2	28	8.40E-01	6.85E-02
Carbon Disulfide	75-15-0	9.2	2.76E-01	2.25E-02
Dichloroethane, 1,2-	107-06-2	-	-	-
Ethylbenzene	100-41-4	35	1.05E+00	8.56E-02
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	-	-	-
Styrene	100-42-5	8.8	2.64E-01	2.15E-02
Tetrachloroethylene	127-18-4	65	1.95E+00	1.59E-01
Toluene	108-88-3	100	3.00E+00	2.45E-01
Trimethylbenzene, 1,2,4-	95-63-6	28	8.40E-01	6.85E-02
Trimethylbenzene, 1,3,5-	108-67-8	17	5.10E-01	4.16E-02
Xylenes	1330-20-7	108	3.24E+00	2.64E-01
*Sum		-	-	-

VI Carcinogenic Risk CR	VI Hazard CDI (mg/m ³)	VI Hazard HQ	IUR (ug/m ³) ⁻¹	IUR Ref	Chronic RfC (mg/m ³)	RfC Ref	Temperature (°C)\ for Groundwater Vapor Concentration	Mutagen?
5.34E-07	1.92E-04	6.39E-03	7.80E-06	I	3.00E-02	I	25	No
-	6.30E-05	9.00E-05	-		7.00E-01	I	25	No
-	-	-	2.60E-05	I	7.00E-03	P	25	No
2.14E-07	2.40E-04	2.40E-04	2.50E-06	C	1.00E+00	I	25	No
-	-	-	-		3.00E+00	I	25	No
-	6.03E-05	6.03E-05	-		1.00E+00	I	25	No
4.13E-08	4.45E-04	1.11E-02	2.60E-07	I	4.00E-02	I	25	No
-	6.85E-04	1.37E-04	-		5.00E+00	I	25	No
-	1.92E-04	3.20E-03	-		6.00E-02	I	25	No
-	1.16E-04	1.94E-03	-		6.00E-02	I	25	No
-	7.40E-04	7.40E-03	-		1.00E-01	I	25	No
7.90E-07	-	3.06E-02	-		-		-	

Chemical	CAS Number	Does the chemical meet the definition for volatility? (HLC>1E-5 or VP>1)	Does the chemical have inhalation toxicity data? (IUR and/or RfC)	MW	MW Ref	Vapor Pressure VP (mm Hg)	VP Ref	S (mg/L)	S Ref	MCL (ug/L)
Benzene	71-43-2	Yes	Yes	78.12	PHYSPROP	9.48E+01	PHYSPROP	1.79E+03	PHYSPROP	5
Carbon Disulfide	75-15-0	Yes	Yes	76.14	PHYSPROP	3.59E+02	PHYSPROP	2.16E+03	PHYSPROP	-
Dichloroethane, 1,2-	107-06-2	Yes	Yes	98.96	PHYSPROP	7.89E+01	PHYSPROP	8.60E+03	PHYSPROP	5
Ethylbenzene	100-41-4	Yes	Yes	106.17	PHYSPROP	9.60E+00	PHYSPROP	1.69E+02	PHYSPROP	700
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	Yes	Yes	100.16	PHYSPROP	1.99E+01	PHYSPROP	1.90E+04	PHYSPROP	-
Styrene	100-42-5	Yes	Yes	104.15	PHYSPROP	6.40E+00	PHYSPROP	3.10E+02	PHYSPROP	100
Tetrachloroethylene	127-18-4	Yes	Yes	165.83	PHYSPROP	1.85E+01	PHYSPROP	2.06E+02	PHYSPROP	5
Toluene	108-88-3	Yes	Yes	92.14	PHYSPROP	2.84E+01	PHYSPROP	5.26E+02	PHYSPROP	1000
Trimethylbenzene, 1,2,4-	95-63-6	Yes	Yes	120.20	PHYSPROP	2.10E+00	PHYSPROP	5.70E+01	PHYSPROP	-
Trimethylbenzene, 1,3,5-	108-67-8	Yes	Yes	120.20	PHYSPROP	2.48E+00	PHYSPROP	4.82E+01	PHYSPROP	-
Xylenes	1330-20-7	Yes	Yes	106.17	PHYSPROP	7.99E+00	PHYSPROP	1.06E+02	PHYSPROP	10000

HLC (atm-m ³ /mole)	Henry's Law Constant (unitless)	H` and HLC Ref	Henry's Law Constant Used in Calcs (unitless)	Normal Boiling Point BP (K)	BP Ref	Critical Temperature T _c \ (K)	T _c \ Ref	Enthalpy of vaporization at the normal boiling point ΔH _{v,b} \ (cal/mol)	ΔH _{v,b} \ Ref	Lower Explosive Limit LEL (% by volume)	LEL Ref
5.55E-03	2.27E-01	PHYSPROP	2.27E-01	353.15	PHYSPROP	5.62E+02	CRC	7342.26	CRC	1.20	CRC
1.44E-02	5.89E-01	PHYSPROP	5.89E-01	319.15	PHYSPROP	5.52E+02	CRC	6391.01	CRC	1.30	CRC
1.18E-03	4.82E-02	PHYSPROP	4.82E-02	356.65	PHYSPROP	5.62E+02	CRC	7643.40	CRC	6.20	CRC
7.88E-03	3.22E-01	PHYSPROP	3.22E-01	409.25	PHYSPROP	6.17E+02	CRC	8501.43	CRC	0.80	CRC
1.38E-04	5.64E-03	EPI	5.64E-03	389.65	PHYSPROP	5.75E+02	CRC	8243.31	CRC	1.20	CRC
2.75E-03	1.12E-01	PHYSPROP	1.12E-01	418.15	PHYSPROP	6.35E+02	CRC	9249.52	CRC	0.90	CRC
1.77E-02	7.24E-01	PHYSPROP	7.24E-01	394.45	PHYSPROP	6.20E+02	YAWS	8288.72	CRC	-	
6.64E-03	2.71E-01	PHYSPROP	2.71E-01	383.75	PHYSPROP	5.92E+02	CRC	7930.21	CRC	1.10	CRC
6.16E-03	2.52E-01	PHYSPROP	2.52E-01	442.45	PHYSPROP	6.49E+02	CRC	9368.80	TOXNET	0.90	CRC
8.77E-03	3.59E-01	PHYSPROP	3.59E-01	437.85	PHYSPROP	6.37E+02	CRC	9321.00	TOXNET	1.00	CRC
6.63E-03	2.71E-01	PHYSPROP	2.71E-01	411.65	PHYSPROP	6.20E+02	YAWS	8523.00	Weast	-	

SS-4

Commercial Air Inputs

Variable	Commercial Air Default Value	Site-Specific Value
AF _{gw} (Attenuation Factor Groundwater) unitless	0.001	0.001
AF _{ee} (Attenuation Factor Sub-Slab) unitless	0.03	0.03
AT _{com} (averaging time - composite worker)	365	365
ED _{com} (exposure duration - composite worker) yr	25	25
EF _{com} (exposure frequency - composite worker) day/yr	250	250
ET _{com} (exposure time - composite worker) hr	8	8
THQ (target hazard quotient) unitless	0.1	0.1
LT (lifetime) yr	70	70
TR (target risk) unitless	1.0E-06	1.0E-06

SS-4
Labella KG
2-14-2025

Commercial Vapor Intrusion Screening Levels (VISL)

2

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = DWSHA; W = TEF applied; E = RPF applied; U = user provided; G = see RSL User's Guide Section 5; CA = cancer; NC = noncancer.

Chemical	CAS Number	Does the chemical meet the definition for volatility? (HLC>1E-5 or VP>1)	Does the chemical have inhalation toxicity data? (IUR and/or RfC)	Is Chemical Sufficiently Volatile and Toxic to Pose Inhalation Risk Via Vapor Intrusion from Soil Source? ($C_{vp} > C_{ia,Target}$)	Is Chemical Sufficiently Volatile and Toxic to Pose Inhalation Risk Via Vapor Intrusion from Groundwater Source? ($C_{hc} > C_{ia,Target}$)	Target Indoor Air Concentration (TCR=1E-06 or THQ=0.1) $MIN(C_{ia,c}, C_{ia,nc})$ ($\mu g/m^3$)	Toxicity Basis	Target Sub-Slab and Near-source Soil Gas Concentration (TCR=1E-06 or THQ=0.1) $C_{sg,Target}$ ($\mu g/m^3$)	Target Groundwater Concentration (TCR=1E-06 or THQ=0.1) $C_{gw,Target}$ ($\mu g/L$)
Benzene	71-43-2	Yes	Yes	Yes	Yes	1.57E+00	CA	5.24E+01	6.93E+00
Carbon Disulfide	75-15-0	Yes	Yes	Yes	Yes	3.07E+02	NC	1.02E+04	5.21E+02
Dichloroethane, 1,2-	107-06-2	Yes	Yes	Yes	Yes	4.72E-01	CA	1.57E+01	9.78E+00
Ethylbenzene	100-41-4	Yes	Yes	Yes	Yes	4.91E+00	CA	1.64E+02	1.52E+01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	Yes	Yes	Yes	Yes	1.31E+03	NC	4.38E+04	2.33E+05
Styrene	100-42-5	Yes	Yes	Yes	Yes	4.38E+02	NC	1.46E+04	3.90E+03
Tetrachloroethylene	127-18-4	Yes	Yes	Yes	Yes	1.75E+01	NC	5.84E+02	2.42E+01
Toluene	108-88-3	Yes	Yes	Yes	Yes	2.19E+03	NC	7.30E+04	8.07E+03
Trimethylbenzene, 1,2,4-	95-63-6	Yes	Yes	Yes	Yes	2.63E+01	NC	8.76E+02	1.04E+02
Trimethylbenzene, 1,3,5-	108-67-8	Yes	Yes	Yes	Yes	2.63E+01	NC	8.76E+02	7.33E+01
Xylenes	1330-20-7	Yes	Yes	Yes	Yes	4.38E+01	NC	1.46E+03	1.62E+02

Commercial Vapor Intrusion Screening Levels (VISL)

3

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = DWSHA; W = TEF applied; E = RPF applied; U = user provided; G = see RSL User's Guide Section 5; CA = cancer; NC = noncancer.

Is Target Groundwater Concentration < MCL? (C _{gw} < MCL?)	Pure Phase Vapor Concentration C _{vp} \ (25 °C) \ (μg/m ³)	Maximum Groundwater Vapor Concentration C _{hc} \ (μg/m ³)	Temperature for Maximum Groundwater Vapor Concentration (°C)	Lower Explosive Limit LEL (% by volume)	LEL Ref	IUR (ug/m ³) ⁻¹	IUR Ref	RfC (mg/m ³)	RfC Ref	Mutagenic Indicator	Carcinogenic VISL TCR=1E-06 C _{ia,c} (μg/m ³)	Noncarcinogenic VISL THQ=0.1 C _{ia,nc} (μg/m ³)
No (5)	3.98E+08	4.06E+08	25	1.20	CRC	7.80E-06	I	3.00E-02	I	No	1.57E+00	1.31E+01
--	1.47E+09	1.27E+09	25	1.30	CRC	-		7.00E-01	I	No	-	3.07E+02
No (5)	4.20E+08	4.15E+08	25	6.20	CRC	2.60E-05	I	7.00E-03	P	No	4.72E-01	3.07E+00
Yes (700)	5.48E+07	5.44E+07	25	0.80	CRC	2.50E-06	C	1.00E+00	I	No	4.91E+00	4.38E+02
--	1.07E+08	1.07E+08	25	1.20	CRC	-		3.00E+00	I	No	-	1.31E+03
No (100)	3.58E+07	3.49E+07	25	0.90	CRC	-		1.00E+00	I	No	-	4.38E+02
No (5)	1.65E+08	1.49E+08	25	-		2.60E-07	I	4.00E-02	I	No	4.72E+01	1.75E+01
No (1000)	1.41E+08	1.43E+08	25	1.10	CRC	-		5.00E+00	I	No	-	2.19E+03
--	1.36E+07	1.44E+07	25	0.90	CRC	-		6.00E-02	I	No	-	2.63E+01
--	1.60E+07	1.73E+07	25	1.00	CRC	-		6.00E-02	I	No	-	2.63E+01
Yes (10000)	4.56E+07	2.87E+07	25	-		-		1.00E-01	I	No	-	4.38E+01

Commercial Vapor Intrusion Risk

Chemical	CAS Number	Site Sub-Slab and Exterior Soil Gas Concentration C_{sg} \ ($\mu\text{g}/\text{m}^3$)	Site Indoor Air Concentration C_{ia} \ ($\mu\text{g}/\text{m}^3$)	VI Carcinogenic Risk CDI ($\mu\text{g}/\text{m}^3$)
Benzene	71-43-2	590	1.77E+01	1.44E+00
Carbon Disulfide	75-15-0	85	2.55E+00	2.08E-01
Dichloroethane, 1,2-	107-06-2	-	-	-
Ethylbenzene	100-41-4	1300	3.90E+01	3.18E+00
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	-	-	-
Styrene	100-42-5	-	-	-
Tetrachloroethylene	127-18-4	140	4.20E+00	3.42E-01
Toluene	108-88-3	2800	8.40E+01	6.85E+00
Trimethylbenzene, 1,2,4-	95-63-6	310	9.30E+00	7.58E-01
Trimethylbenzene, 1,3,5-	108-67-8	170	5.10E+00	4.16E-01
Xylenes	1330-20-7	2450	7.35E+01	5.99E+00
*Sum		-	-	-

Commercial Vapor Intrusion Risk

VI Carcinogenic Risk CR	VI Hazard CDI (mg/m ³)	VI Hazard HQ	IUR (ug/m ³) ⁻¹	IUR Ref	Chronic RfC (mg/m ³)	RfC Ref	Temperature (°C)\ for Groundwater Vapor Concentration	Mutagen?
1.13E-05	4.04E-03	1.35E-01	7.80E-06	I	3.00E-02	I	25	No
-	5.82E-04	8.32E-04	-		7.00E-01	I	25	No
-	-	-	2.60E-05	I	7.00E-03	P	25	No
7.95E-06	8.90E-03	8.90E-03	2.50E-06	C	1.00E+00	I	25	No
-	-	-	-		3.00E+00	I	25	No
-	-	-	-		1.00E+00	I	25	No
8.90E-08	9.59E-04	2.40E-02	2.60E-07	I	4.00E-02	I	25	No
-	1.92E-02	3.84E-03	-		5.00E+00	I	25	No
-	2.12E-03	3.54E-02	-		6.00E-02	I	25	No
-	1.16E-03	1.94E-02	-		6.00E-02	I	25	No
-	1.68E-02	1.68E-01	-		1.00E-01	I	25	No
1.93E-05	-	3.95E-01	-		-		-	

Chemical	CAS Number	Does the chemical meet the definition for volatility? (HLC>1E-5 or VP>1)	Does the chemical have inhalation toxicity data? (IUR and/or RfC)	MW	MW Ref	Vapor Pressure VP (mm Hg)	VP Ref	S (mg/L)	S Ref	MCL (ug/L)
Benzene	71-43-2	Yes	Yes	78.12	PHYSPROP	9.48E+01	PHYSPROP	1.79E+03	PHYSPROP	5
Carbon Disulfide	75-15-0	Yes	Yes	76.14	PHYSPROP	3.59E+02	PHYSPROP	2.16E+03	PHYSPROP	-
Dichloroethane, 1,2-	107-06-2	Yes	Yes	98.96	PHYSPROP	7.89E+01	PHYSPROP	8.60E+03	PHYSPROP	5
Ethylbenzene	100-41-4	Yes	Yes	106.17	PHYSPROP	9.60E+00	PHYSPROP	1.69E+02	PHYSPROP	700
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	Yes	Yes	100.16	PHYSPROP	1.99E+01	PHYSPROP	1.90E+04	PHYSPROP	-
Styrene	100-42-5	Yes	Yes	104.15	PHYSPROP	6.40E+00	PHYSPROP	3.10E+02	PHYSPROP	100
Tetrachloroethylene	127-18-4	Yes	Yes	165.83	PHYSPROP	1.85E+01	PHYSPROP	2.06E+02	PHYSPROP	5
Toluene	108-88-3	Yes	Yes	92.14	PHYSPROP	2.84E+01	PHYSPROP	5.26E+02	PHYSPROP	1000
Trimethylbenzene, 1,2,4-	95-63-6	Yes	Yes	120.20	PHYSPROP	2.10E+00	PHYSPROP	5.70E+01	PHYSPROP	-
Trimethylbenzene, 1,3,5-	108-67-8	Yes	Yes	120.20	PHYSPROP	2.48E+00	PHYSPROP	4.82E+01	PHYSPROP	-
Xylenes	1330-20-7	Yes	Yes	106.17	PHYSPROP	7.99E+00	PHYSPROP	1.06E+02	PHYSPROP	10000

HLC (atm-m ³ /mole)	Henry's Law Constant (unitless)	H` and HLC Ref	Henry's Law Constant Used in Calcs (unitless)	Normal Boiling Point BP (K)	BP Ref	Critical Temperature T _c \ (K)	T _c \ Ref	Enthalpy of vaporization at the normal boiling point ΔH _{v,b} \ (cal/mol)	ΔH _{v,b} \ Ref	Lower Explosive Limit LEL (% by volume)	LEL Ref
5.55E-03	2.27E-01	PHYSPROP	2.27E-01	353.15	PHYSPROP	5.62E+02	CRC	7342.26	CRC	1.20	CRC
1.44E-02	5.89E-01	PHYSPROP	5.89E-01	319.15	PHYSPROP	5.52E+02	CRC	6391.01	CRC	1.30	CRC
1.18E-03	4.82E-02	PHYSPROP	4.82E-02	356.65	PHYSPROP	5.62E+02	CRC	7643.40	CRC	6.20	CRC
7.88E-03	3.22E-01	PHYSPROP	3.22E-01	409.25	PHYSPROP	6.17E+02	CRC	8501.43	CRC	0.80	CRC
1.38E-04	5.64E-03	EPI	5.64E-03	389.65	PHYSPROP	5.75E+02	CRC	8243.31	CRC	1.20	CRC
2.75E-03	1.12E-01	PHYSPROP	1.12E-01	418.15	PHYSPROP	6.35E+02	CRC	9249.52	CRC	0.90	CRC
1.77E-02	7.24E-01	PHYSPROP	7.24E-01	394.45	PHYSPROP	6.20E+02	YAWS	8288.72	CRC	-	
6.64E-03	2.71E-01	PHYSPROP	2.71E-01	383.75	PHYSPROP	5.92E+02	CRC	7930.21	CRC	1.10	CRC
6.16E-03	2.52E-01	PHYSPROP	2.52E-01	442.45	PHYSPROP	6.49E+02	CRC	9368.80	TOXNET	0.90	CRC
8.77E-03	3.59E-01	PHYSPROP	3.59E-01	437.85	PHYSPROP	6.37E+02	CRC	9321.00	TOXNET	1.00	CRC
6.63E-03	2.71E-01	PHYSPROP	2.71E-01	411.65	PHYSPROP	6.20E+02	YAWS	8523.00	Weast	-	

Attachment B

Soil Management Plan



SOIL MANAGEMENT PLAN

FORMER KENNEDY GALVANIZING –
301 INDUSTRIAL BOULEVARD SOUTHEAST
HANCEVILLE, CULLMAN COUNTY, ALABAMA

ADEM VCP SITE No.: 461-043-25036
PROJECT NO.: 2252027

PREPARED FOR:

ZINCFast, LLC
717 KERR DRIVE
GARDENDALE, ALABAMA 35071

SEPTEMBER 3, 2025

PREPARED BY:

LaBella Associates, D.P.C.
528 MINERAL TRACE
BIRMINGHAM, ALABAMA 35244
PHONE: (205) 985-4874

A handwritten signature in blue ink that reads "David Wall".

David Wall, REM
Technical Scientist

A handwritten signature in blue ink that reads "William W. Cooch".

William W. Cooch, P.G.
Principal Geologist



TABLE OF CONTENTS

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2.0	SOIL MANAGEMENT PLAN	3
2.1	SOIL HANDLING	3
2.2	SOIL DISPOSAL AND MANAGEMENT METHODS	4
2.3	SOIL MANAGEMENT DOCUMENTATION	5

FIGURES

Figure 1	Site Location
Figure 2	Site Map



1.0 INTRODUCTION

1.1 PURPOSE

On behalf of ZincFast, LLC (ZincFast), LaBella Associates, D.P.C. (LaBella) has prepared this Soil Management Plan (SMP) for the Former Kennedy Galvanizing facility (Site) located at 301 Industrial Boulevard Southeast, Cullman County, Alabama. This plan has prepared to address potential Polycyclic Aromatic Hydrocarbon (PAH), zinc and cadmium impacted soil that may be encountered during redevelopment of the property and/or other soil disturbance activities. This Soil Management Plan is included in the cleanup requirements for the site under the Alabama Department of Environmental Management (ADEM) Voluntary Cleanup Program (VCP).

1.2 SITE DESCRIPTION AND LAND USE

The Site is located at 301 Industrial Boulevard Southeast in Hanceville, Cullman County, Alabama, and consists of one parcel totaling approximately 23 acres (parcel number: 23-08-28-0-001-049.002). The Site consists of paved and gravel parking areas, a one-story commercial building approximately 20,750 square feet, and two stormwater detention ponds. The building is used for hot dip galvanizing using molten zinc for small and medium sized parts. The majority of the building is production area with the east and west ends of the building open air to provide ventilation. The southeastern corner of the building contains an enclosed office area. Chemical storage is located within an attached covered shed on the north side of building. Raw steel materials are stored on the east side of the Site with finished material stored on the north and eastern portions of the Site.

1.3 BACKGROUND

According to available information, the Site consist of undeveloped land prior to development. By 2013, the site was developed with the facility which exists today. Since that time, the Site operated as the commercial manufacturing facility Kennedy Galvanizing, Inc. In 2017, the Industrial Development Board was listed as the owner of the property according to tax assessment information.

An application for participation in the VCP was submitted to the Alabama Department of Environmental Management (ADEM) on April 28, 2025, under separate cover. The application was officially accepted in the Program on June 9, 2025, and assigned VCP Site number 461-



043-25036. A VCP Voluntary Cleanup Plan (Plan) dated July 30, 2025, was prepared and submitted to ADEM to address contamination identified on-site, which included the SMP presented herein. In accordance with the Plan, the SMP must be implemented if soil is excavated at the Site.



2.0 SOIL MANAGEMENT PLAN

This Soil Management Plan (Plan) has been prepared to define the process to manage the removal of contaminated impacted soils from the Site to ensure compliance with the Alabama Department of Environmental Management (ADEM) solid waste regulations. This Plan should be implemented if any impacted soil is disturbed or excavated for removal from the Site. Contaminates that potentially could be encountered in soils at the Site include the following chemicals:

Volatile Organic Compounds

- Benzene
- Ethylbenzene

Polycyclic Aromatic Hydrocarbons

- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Dibenzo(a,h)anthracene
- Indeno(1,2,3-cd)pyrene

Metals

- Cadmium
- Zinc

2.1 SOIL HANDLING

On-site personnel must be informed of the requirements of this Plan prior to any soil disturbance activities. Additionally, the Health and Safety Plan prepared for workers by their respective employer should be made available prior to and during the periods in which site soil may be disturbed or excavated. At minimum, on-site personnel should don Level D personal protective equipment (PPE) to minimize contact with potentially impacted soil.



2.2 SOIL DISPOSAL AND MANAGEMENT METHODS

Method 1

Excavated soil may be directly loaded into roll-offs, dump-truck, or other suitable container for transport to an ADEM approved landfill in accordance with state and federal regulations. The excavated area(s) should be documented including the depths of excavation.

Prior to removal from the site, excavated soil should be analyzed for waste characteristics. The site owner or their designated representative will collect appropriate composite soil samples for laboratory analysis in accordance with ADEM regulations and deliver them under chain-of-custody to an approved laboratory for analysis. Following receipt of analytical results, the site owner or designated representative will complete a Solid Waste Profile Sheet ADEM Form 300 to be submitted to ADEM for review and approval along with the applicable fee. The ADEM approved landfill should be provided a copy of the ADEM Waste Certification prior to transport of the contaminated soils to the landfill. A Bill of Lading (BOL) must accompany each load of contaminated soil to the landfill and must include the ADEM waste certification number and signature of the owner or owner representative. All loading, transport, and disposal activities should be conducted in accordance with local and state requirements.

Method 2

Site soils may be temporarily stockpiled on-site for subsequent disposal at an ADEM approved landfill or for placement back into the excavation. Contaminated soils should be placed on 10-mil polyethylene sheeting which should cover the entire area the excavated soils will be placed. The soil stockpiles should be properly covered with 10-mil polyethylene sheeting and secured at the end of each day. The area(s) in which contaminated soils are removed should be documented including the depths of excavation.

If site soil is to be disposed of at an approved ADEM landfill, then ADEM approval should be obtained prior to transport of the contaminated soils off-site. The excavated soils should be analyzed for waste characteristics prior to removal from the site. The site owner or their designated representative will collect appropriate composite soil samples for laboratory



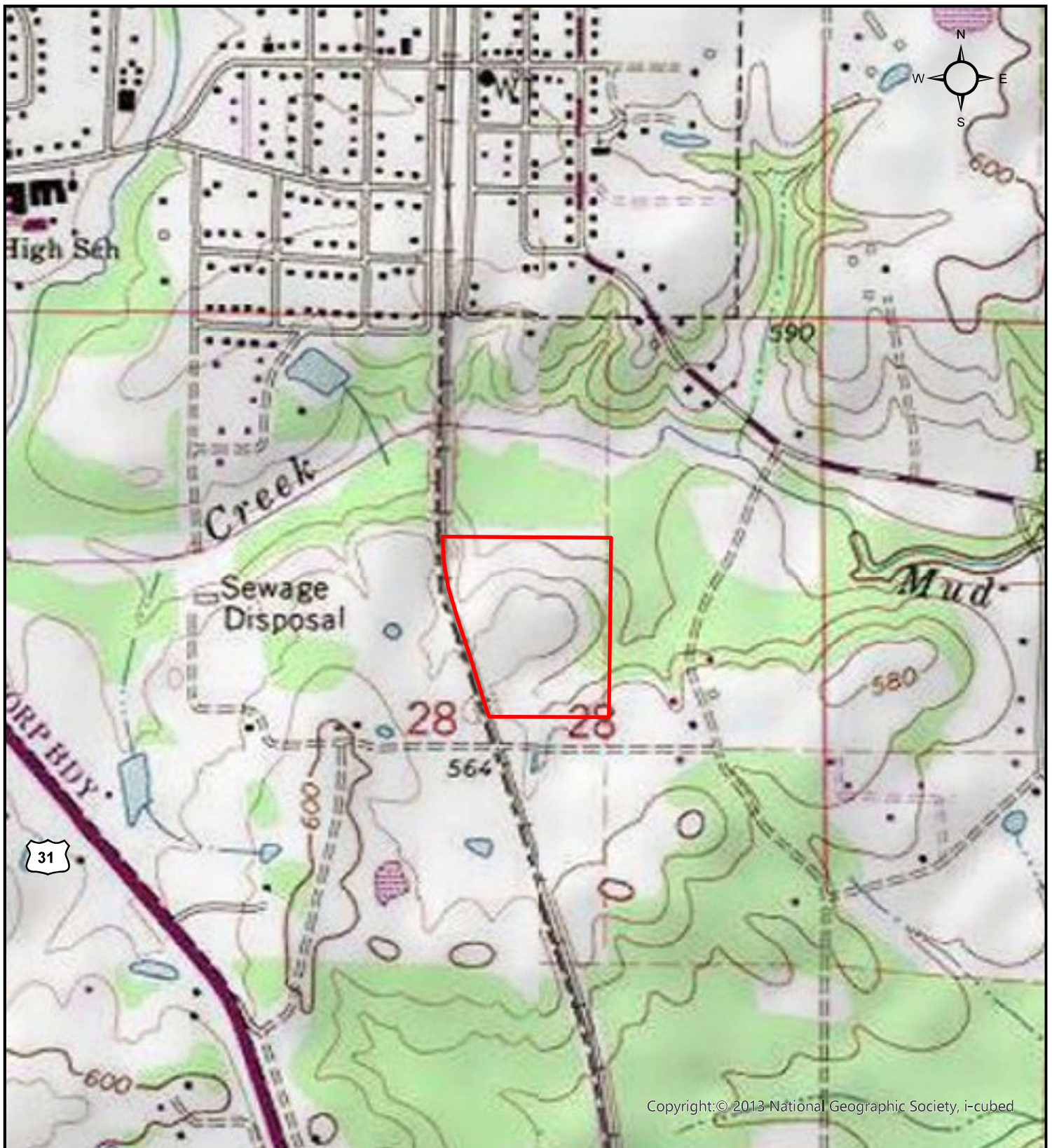
analysis in accordance with ADEM regulations and deliver them under chain-of-custody to an approved laboratory for analysis. Following receipt of analytical results, the site owner or designated representative will complete a Solid Waste Profile Sheet ADEM Form 300 to be submitted to ADEM for review and approval along with the applicable fee. The ADEM approved landfill should be provided a copy of the ADEM Waste Certification prior to transport of the contaminated soils to the landfill. A BOL must accompany each load of contaminated soil to the landfill and must include the ADEM waste certification number and signature of the owner or owner representative. All loading, transport, and disposal activities should be conducted in accordance with local and state requirements.

2.3 SOIL MANAGEMENT DOCUMENTATION

An excavation contractor or an oversight contractor will be required to provide the site owner or their designated representative with copies of waste disposal records to include the BOLs, waste manifests, and any information regarding the excavated area(s) of the site following any soil removal activities at the site. Waste disposal records will be provided to the owner or their designated representative within two weeks of receipt of the records.

Following any soil removal activities at the site, the owner or their designated representative will provide a report documenting the removal and proper disposal of site soils which will include a figure illustrating the excavated area(s), copies of the approved ADEM Form 300, BOLs, and waste manifests. The report will be provided to ADEM in order to maintain compliance with the restrictions set forth in the Environmental Covenant for the site.

ADEM will be notified 30 days prior to any soil disturbance activities at the Site.



Legend

Approximate Property Boundary



528 MINERAL TRACE
HOOVER, AL 35244
(205) 985-4874

TITLE:

Site Location
Voluntary Cleanup Plan
Former Kennedy Galvanizing
301 Industrial Boulevard
Hanceville, Alabama

SCALE:

0 500 1,000
1 inch = 1,000 feet

FIGURE NO.

1

PROJECT NO.

2252027.02

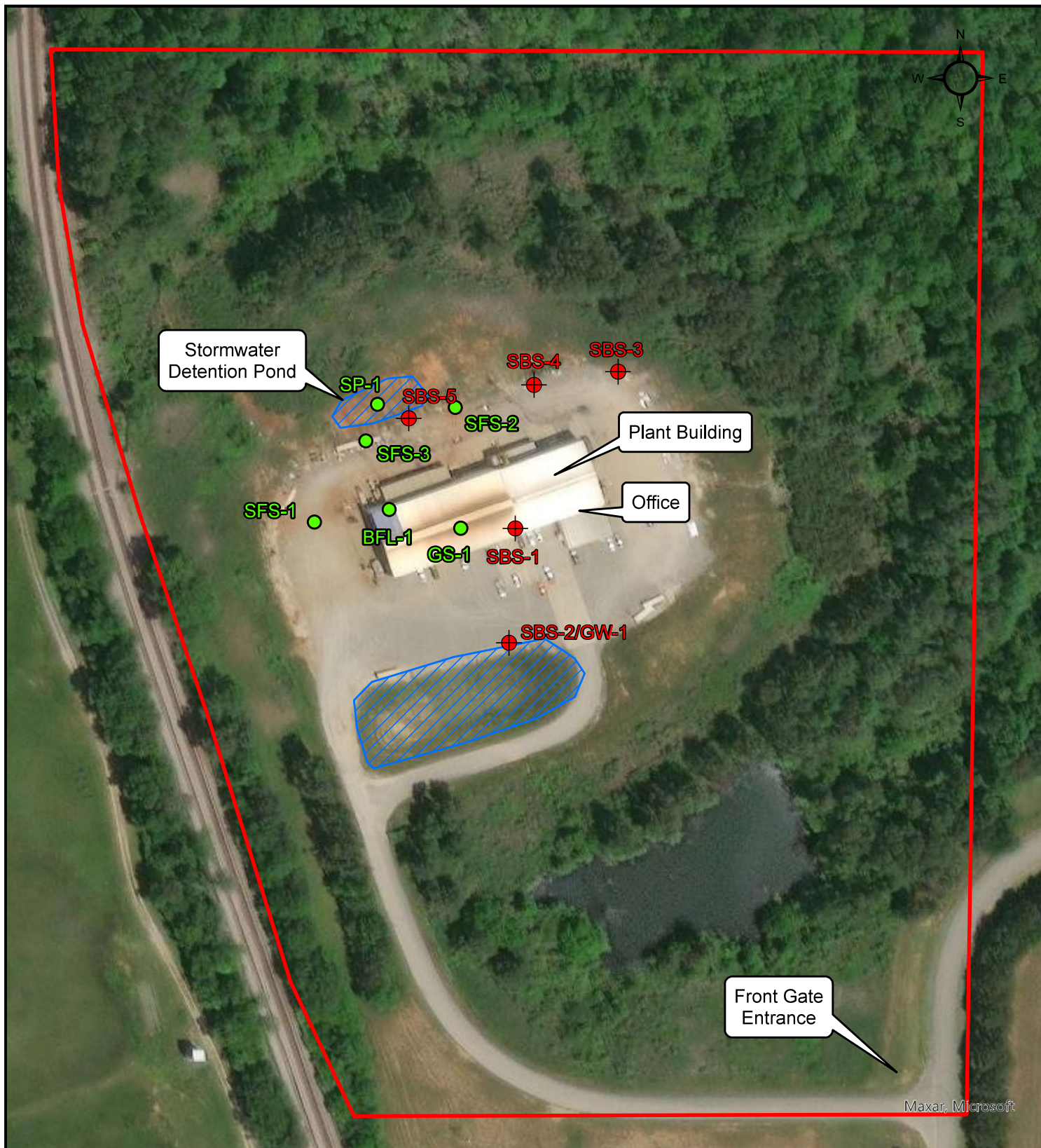
DRAWN BY

KDC

DATE DRAWN

08/11/2025

USGS Quad Id: 34086-A7
USGS Quad Name: Hanceville, Alabama



Legend

- Approximate Property Boundary
- ▨ Retention Basin
- Soil Boring/Temporary MW Location
- Surface Sample Location



528 MINERAL TRACE
HOOVER, AL 35244
(205) 985-4874

TITLE:

Site Map
Voluntary Cleanup Plan
Former Kennedy Galvanizing
301 Industrial Boulevard
Hanceville, Alabama

SCALE:

0 75 150
1 inch = 150 feet

FIGURE NO.

2

PROJECT NO.

2252027.02

DRAWN BY

KDC

DATE DRAWN

08/11/2025

Attachment C

DRAFT Environmental Covenant

ENVIRONMENTAL COVENANT

The ZincFast, LLC (hereinafter "Grantor") grants an Environmental Covenant (hereinafter "Covenant") this ____ day of _____, 2025, to the following entities pursuant to The Alabama Uniform Environmental Covenants Act, Ala. Code §§ 35-19-1 to 35-19-14, as amended, (the Act) and the regulations promulgated thereunder: the Alabama Department of Environmental Management (ADEM)

WHEREAS, the Grantor is the owner of certain real property located in the City of Hanceville, Alabama, identified as the Former Kennedy Galvanizing facility situated at 301 Industrial Boulevard Southeast, in Cullman County, Alabama, (hereinafter "the Property"). The property which was conveyed to Grantor by deed dated {month date, year}, and recorded in the Office of the Judge of Probate for Cullman County, Alabama, in Deed Book XXX Page XX;

WHEREAS, the Property is more particularly described in Exhibit A:

WHEREAS, this instrument is an Environmental Covenant developed and executed pursuant to the Act and the regulations promulgated thereunder;

WHEREAS, a release/disposal of hazardous substances, including, but not limited to benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenz(a,h)anthracene, indeno(1,2,3-cd)pyrene, cadmium, zinc, benzene, and ethylbenzene occurred on the Property;

WHEREAS, the selected "remedial action" for the Property, which has now been implemented, providing in part, for the following actions:

- Certain land use restriction as described in 2.
- A soil management plan has been created to accompany any activities that may disturb the soil and is provided in Exhibit B.
- The production area of the building must maintain two open sides to maintain airflow.

WHEREAS, pursuant to the Voluntary Cleanup Program Cleanup Reports, approved by ADEM's Brownfields Redevelopment and Voluntary Cleanup Program, on {month date, year}, the Grantor and assignees agreed to perform operation and maintenance activities at the Property to address the effects of the release/disposal, which includes controlling exposure to the hazardous wastes, hazardous constituents, hazardous substances, pollutants, or contaminants;

WHEREAS, the Voluntary Cleanup Program Cleanup Reports require institutional controls to be implemented to address the effects of the release/disposal and to protect the remedy so that exposure to the hazardous waste, hazardous

constituents, hazardous substances, pollutants, or contaminants is controlled by restricting the use of the Property and the activities on the Property;

WHEREAS, hazardous wastes, hazardous constituents, hazardous substances, pollutants, or other contaminants remain on the Property, specifically contamination has occurred in groundwater, soil gas, and soil and the following contaminant(s) may remain at the site:

- Soils
 - Benzo(a)anthracene
 - Benzo(a)pyrene
 - Benzo(b)fluoranthene
 - Dibenz(a,h)anthracene
 - Indeno(1,2,3-cd)pyrene
 - Cadmium
 - Zinc
- Soil Gas
 - Benzene
 - Ethylbenzene

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 the target risk levels for those hazardous wastes, hazardous constituents, hazardous substances, pollutants, or contaminants that remain on the Property;

WHEREAS, further information concerning the release/disposal and the activities to correct the effects of the release/disposal may be obtained by contacting Chief, Land Division, Alabama Department of Environmental Management ("ADEM"), or his or her designated representative, at 1400 Coliseum Boulevard, Montgomery, Alabama, 36110; and

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 the following requirements set forth in paragraphs 1 through 3 below:

1. **DEFINITIONS**

Owner. "Owner" means the GRANTOR, its successors and assigns in interest.

2. **USE RESTRICTIONS**

Any deviation from the following use restrictions requires prior written approval from ADEM through modification of this covenant:

- The use of groundwater for potable or irrigation purposes is prohibited.
- The site shall be restricted to commercial use only (no schools or daycares.)
- Disturbance or excavation to the existing building slab and/or subsurface soils shall be in compliance with an ADEM-approved soil management plan.

3. **GENERAL PROVISIONS**

- A. **Restrictions to Run with the Land**. This Environmental Covenant runs with the land pursuant to Ala. Code §35-19-5, as amended,; is perpetual, unless modified or terminated pursuant to the terms of this Covenant pursuant to Ala. Code §35-19-9, as amended,; 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, the Holders, 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 Environmental 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 Environmental Covenant.
- B. **Notices Required**. In accordance with Ala. Code §35-19-4(b), as amended, the Owner shall send written notification, pursuant to Section J, below, following transfer of a specified interest in, or concerning proposed changes in use of, applications for building permits for, or proposals for any 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), as amended, this Environmental 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 Environmental Covenant within thirty (30) days of the final required signature upon this Environmental Covenant.

- D. **Right of Access.** The Owner hereby grants ADEM; ADEM's agents, contractors and employees; the Owner's agents, contractors and employees; and any Holders the right of access to the Property for implementation or enforcement of this Environmental Covenant.
- F. **ADEM Reservations.** Notwithstanding any other provision of this Environmental Covenant, ADEM retains all of its access authorities and rights, as well as all of its rights to require additional land/water use restrictions, including enforcement authorities related thereto.
- G. **Representations and Warranties.** Grantor hereby represents and warrants to the other signatories hereto:
- i) That the Grantor has the power and authority to enter into this Environmental 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;
 - 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 Environmental Covenant;
 - iv) That this Environmental 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 Environmental Covenant will not materially violate or contravene any zoning law or other law regulating use of the Property;
 - vi) That this Environmental Covenant does not authorize a use of the Property which is otherwise prohibited by a recorded instrument that has priority over the Environmental Covenant.
- H. **Compliance Enforcement.** In accordance with Ala. Code §35-19-11(b), as amended, the terms of the Environmental Covenant may be enforced by the

parties to this Environmental Covenant; any person to whom this Covenant expressly grants power to enforce; any person whose interest in the real property or whose collateral or liability may be affected by the alleged violation of the Covenant; 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. The parties hereto expressly agree that ADEM has the power to enforce this Environmental Covenant. Failure to timely enforce compliance with this Environmental 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 Environmental Covenant shall restrict ADEM, or the Grantor, from exercising any authority under applicable law.

- I. **Modifications/Termination.** Any modifications or terminations to this Environmental Covenant must be made in accordance with Ala. Code §§35-19-9 and 35-19-10, as amended.
- J. **Notices.** Any document or communication required to be sent pursuant to the terms of this Environmental Covenant shall be sent to the following persons:

ADEM

Chief, Land Division
Alabama Department of Environmental Management
1400 Coliseum Boulevard
Montgomery, AL 36110

Grantor

Patrick Townes
Member
ZincFast, LLC
717 Kerr Drive
Gardendale, Alabama 35071

- K. **No Property Interest Created in ADEM.** This Environmental Covenant does not in any way create any interest by ADEM in the Property that is subject to the Environmental Covenant. Furthermore, the act of approving this Environmental Covenant does not in any way create any interest by ADEM in the Property in accordance with Ala. Code §35-19-3(b), as amended.

- L. **Severability.** If any provision of this Environmental 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 Environmental 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), as amended, Grantor shall record this Environmental Covenant and any amendment or termination of the Environmental Covenant in every county in which any portion of the real property subject to this Environmental Covenant is located. Grantor agrees to record this Environmental Covenant within fifteen (15) days after the date of the final required signature upon this Environmental Covenant.
- O. **Effective Date.** The effective date of this Environmental Covenant shall be the date upon which the fully executed Environmental Covenant has been recorded, in accordance with Ala. Code §35-19-8(a), as amended.
- P. **Distribution of Environmental Covenant.** Within fifteen (15) days of filing this Environmental Covenant, the Grantor shall distribute a recorded and date stamped copy of the recorded Environmental Covenant in accordance with Ala. Code §35-19-7(a), as amended. However, the validity of this Environmental 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 References.** All references to the Grantor shall include successor agencies, departments, divisions, or other successor entities.
- S. **Other Applicable Party(ies).** All references to Other Applicable Party(ies) shall include successor agencies, departments, divisions, or other successor entities.

Property owner has caused this Environmental Covenant to be executed pursuant to The Alabama Uniform Environmental Covenants Act, on this ____ day of _____, 2025.

IN TESTIMONY WHEREOF, the parties have hereunto set their hands this the day and year first above written.

NAME OF GRANTOR

This Environmental Covenant is hereby approved by the ZincFast, LLC, this ____ day of _____, 2025

By: _____

Patrick Townes, Member

Grantor

STATE OF ALABAMA

COUNTY OF CULLMAN

I, _____, a _____ in and for said County in said State or Commonwealth, hereby certify that Patrick Townes, whose name as Member of ZincFast, LLC 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, as such officer and with full authority executed the same voluntarily for and as the act of said corporation.

Given under my hand this the ____ day of _____, 2025

Notary Public: _____

My Commission Expires: _____

ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

This Environmental Covenant is hereby approved by the State of Alabama this ____ day of _____, 2025.

By: _____

Stephen A. Cobb
Chief, Land Division
Alabama Department of Environmental Management

State of Alabama}

Montgomery, County}

I, the undersigned Notary Public in and for said County and 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 and official seal this ____ day of _____, 2025

Notary Public

My Commission Expires: _____

STATE OF ALABAMA
COUNTY OF CULLMAN

I, _____, Clerk of the Cullman
County Court, do certify that the foregoing Environmental Covenant was lodged in my
office for record, and that I have recorded it, this ____ day of _____, 2025
in the Deed Recordation Book _____ on Page _____.

County Clerk

This instrument prepared by:

LaBella Associates
528 Mineral Trace
Hoover, Alabama 35244

and

ZincFast, LLC
717 Kerr Drive
Gardendale, Alabama 35071

Exhibit A

DRAFT

EXHIBIT A

Description of Property

A PART OF THE SOUTHWEST 1/4 OF NORTHEAST 1/4, SECTION 28, TOWNSHIP 11 SOUTH, RANGE 2 WEST, CULLMAN COUNTY, ALABAMA, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF THE SOUTHWEST 1/4 OF NORTHEAST 1/4, SECTION 28, TOWNSHIP 11 SOUTH, RANGE 2 WEST, CULLMAN COUNTY, ALABAMA, AND A CROSS TIE; THENCE RUN SOUTH 00°09'24" WEST ALONG THE EAST LINE OF SAID SOUTHWEST 1/4 OF NORTHEAST 1/4 FOR A DISTANCE OF 663.63 FEET TO A 4" IRON PIN; THENCE RUN SOUTH 00°11'20" WEST ALONG THE EAST LINE OF SAID SOUTHWEST 1/4 OF NORTHEAST 1/4 FOR A DISTANCE OF 513.50 FEET TO A 1/2" CAPPED REBAR; THENCE RUN NORTH 89°11'02" WEST FOR A DISTANCE OF 707.06 FEET TO THE EASTERLY RIGHT-OF-WAY OF THE CSX RAILROAD (100 FOOT RIGHT-OF-WAY INDICATED) AND A 1/2" CAPPED REBAR; THENCE RUN NORTH 18°26'51" WEST ALONG SAID EASTERLY RIGHT-OF-WAY OF THE CSX RAILROAD FOR A DISTANCE OF 584.22 FEET; THENCE RUN ALONG SAID EASTERLY RIGHT-OF-WAY OF THE CSX RAILROAD AROUND A CURVE TO THE RIGHT HAVING A RADIUS OF 2150.00 FEET AND A CHORD BEARING OF NORTH 09°55'56" WEST FOR AN ARC DISTANCE OF 639.07 FEET TO THE NORTH LINE OF SAID SOUTHWEST 1/4 OF NORTHEAST 1/4 AND A 1/2" CAPPED REBAR; THENCE RUN SOUTH 89°11'02" EAST ALONG THE NORTH LINE OF SAID SOUTHWEST 1/4 OF NORTHEAST 1/4 FOR A DISTANCE OF 1005.35 FEET TO THE POINT OF BEGINNING.

ALSO DESCRIBED AS FOLLOWS:

BEGIN AT THE NORTHEAST CORNER OF THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 28, TOWNSHIP 11 SOUTH, RANGE 2 WEST, SAID POINT BEING A 6"X8" CROSS-TIE; THENCE RUN S 00°44'06" E FOR A DISTANCE OF 663.45 FEET TO A 6" CONCRETE MONUMENT WITH A 1/2" ROD IN PLACE; THENCE RUN S 00°43'09" E FOR A DISTANCE OF 513.33 FEET TO A 1/2" CAPPED REBAR STAMPED "HANKINS 12066"; THENCE RUN S 89°53'26" W FOR A DISTANCE OF 706.79 FEET TO A 1/2" CAPPED REBAR STAMPED "HANKINS 12066" ON THE EASTERLY RIGHT OF WAY OF CSX RAILROAD; THENCE, CONTINUE ALONG SAID CSX RAILROAD RIGHT OF WAY, AND RUN N 19°22'49" W FOR A DISTANCE OF 584.19 FEET TO A 1/2" CAPPED REBAR STAMPED "WEYGAND CA50309"; SAID POINT BEGINNING A CURVE TO THE RIGHT HAVING A A RADIUS OF 2150.00', A DELTA ANGLE OF 17°01'41", A CHORD BEARING OF N 10°51'58" W AND A CHORD DISTANCE OF 636.62'; THENCE CONTINUE ALONG SAID CSX RAILROAD RIGHT OF WAY, RUN ALONG THE ARC OF SAID CURVE FOR A DISTANCE OF 638.97 FEET TO A 1/2" CAPPED REBAR STAMPED "HANKINS 12066"; THENCE, LEAVING SAID CSX RAILROAD RIGHT OF WAY, RUN N 89°54'04" E FOR A DISTANCE OF 1005.70 FEET TO THE POINT OF BEGINNING. SAID PARCEL BEING 24.0 ACRES, MORE OR LESS.

Exhibit B

DRAFT



SOIL MANAGEMENT PLAN

FORMER KENNEDY GALVANIZING –
301 INDUSTRIAL BOULEVARD SOUTHEAST
HANCEVILLE, CULLMAN COUNTY, ALABAMA

ADEM VCP SITE No.: 461-043-25036
PROJECT NO.: 2252027

PREPARED FOR:

ZINCFast, LLC
717 KERR DRIVE
GARDENDALE, ALABAMA 35071

SEPTEMBER 3, 2025

PREPARED BY:

LaBella Associates, D.P.C.
528 MINERAL TRACE
BIRMINGHAM, ALABAMA 35244
PHONE: (205) 985-4874

A handwritten signature in blue ink that reads "David Wall".

David Wall, REM
Technical Scientist

A handwritten signature in blue ink that reads "William W. Cooch".

William W. Cooch, P.G.
Principal Geologist



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FIGURES

- Figure 1 Site Location
Figure 2 Site Map



1.0 INTRODUCTION

1.1 PURPOSE

On behalf of ZincFast, LLC (ZincFast), LaBella Associates, D.P.C. (LaBella) has prepared this Soil Management Plan (SMP) for the Former Kennedy Galvanizing facility (Site) located at 301 Industrial Boulevard Southeast, Cullman County, Alabama. This plan has prepared to address potential Polycyclic Aromatic Hydrocarbon (PAH), zinc and cadmium impacted soil that may be encountered during redevelopment of the property and/or other soil disturbance activities. This Soil Management Plan is included in the cleanup requirements for the site under the Alabama Department of Environmental Management (ADEM) Voluntary Cleanup Program (VCP).

1.2 SITE DESCRIPTION AND LAND USE

The Site is located at 301 Industrial Boulevard Southeast in Hanceville, Cullman County, Alabama, and consists of one parcel totaling approximately 23 acres (parcel number: 23-08-28-0-001-049.002). The Site consists of paved and gravel parking areas, a one-story commercial building approximately 20,750 square feet, and two stormwater detention ponds. The building is used for hot dip galvanizing using molten zinc for small and medium sized parts. The majority of the building is production area with the east and west ends of the building open air to provide ventilation. The southeastern corner of the building contains an enclosed office area. Chemical storage is located within an attached covered shed on the north side of building. Raw steel materials are stored on the east side of the Site with finished material stored on the north and eastern portions of the Site.

1.3 BACKGROUND

According to available information, the Site consist of undeveloped land prior to development. By 2013, the site was developed with the facility which exists today. Since that time, the Site operated as the commercial manufacturing facility Kennedy Galvanizing, Inc. In 2017, the Industrial Development Board was listed as the owner of the property according to tax assessment information.

An application for participation in the VCP was submitted to the Alabama Department of Environmental Management (ADEM) on April 28, 2025, under separate cover. The application was officially accepted in the Program on June 9, 2025, and assigned VCP Site number 461-



043-25036. A VCP Voluntary Cleanup Plan (Plan) dated July 30, 2025, was prepared and submitted to ADEM to address contamination identified on-site, which included the SMP presented herein. In accordance with the Plan, the SMP must be implemented if soil is excavated at the Site.



2.0 SOIL MANAGEMENT PLAN

This Soil Management Plan (Plan) has been prepared to define the process to manage the removal of contaminated impacted soils from the Site to ensure compliance with the Alabama Department of Environmental Management (ADEM) solid waste regulations. This Plan should be implemented if any impacted soil is disturbed or excavated for removal from the Site. Contaminates that potentially could be encountered in soils at the Site include the following chemicals:

Volatile Organic Compounds

- Benzene
- Ethylbenzene

Polycyclic Aromatic Hydrocarbons

- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Dibenzo(a,h)anthracene
- Indeno(1,2,3-cd)pyrene

Metals

- Cadmium
- Zinc

2.1 SOIL HANDLING

On-site personnel must be informed of the requirements of this Plan prior to any soil disturbance activities. Additionally, the Health and Safety Plan prepared for workers by their respective employer should be made available prior to and during the periods in which site soil may be disturbed or excavated. At minimum, on-site personnel should don Level D personal protective equipment (PPE) to minimize contact with potentially impacted soil.



2.2 SOIL DISPOSAL AND MANAGEMENT METHODS

Method 1

Excavated soil may be directly loaded into roll-offs, dump-truck, or other suitable container for transport to an ADEM approved landfill in accordance with state and federal regulations. The excavated area(s) should be documented including the depths of excavation.

Prior to removal from the site, excavated soil should be analyzed for waste characteristics. The site owner or their designated representative will collect appropriate composite soil samples for laboratory analysis in accordance with ADEM regulations and deliver them under chain-of-custody to an approved laboratory for analysis. Following receipt of analytical results, the site owner or designated representative will complete a Solid Waste Profile Sheet ADEM Form 300 to be submitted to ADEM for review and approval along with the applicable fee. The ADEM approved landfill should be provided a copy of the ADEM Waste Certification prior to transport of the contaminated soils to the landfill. A Bill of Lading (BOL) must accompany each load of contaminated soil to the landfill and must include the ADEM waste certification number and signature of the owner or owner representative. All loading, transport, and disposal activities should be conducted in accordance with local and state requirements.

Method 2

Site soils may be temporarily stockpiled on-site for subsequent disposal at an ADEM approved landfill or for placement back into the excavation. Contaminated soils should be placed on 10-mil polyethylene sheeting which should cover the entire area the excavated soils will be placed. The soil stockpiles should be properly covered with 10-mil polyethylene sheeting and secured at the end of each day. The area(s) in which contaminated soils are removed should be documented including the depths of excavation.

If site soil is to be disposed of at an approved ADEM landfill, then ADEM approval should be obtained prior to transport of the contaminated soils off-site. The excavated soils should be analyzed for waste characteristics prior to removal from the site. The site owner or their designated representative will collect appropriate composite soil samples for laboratory



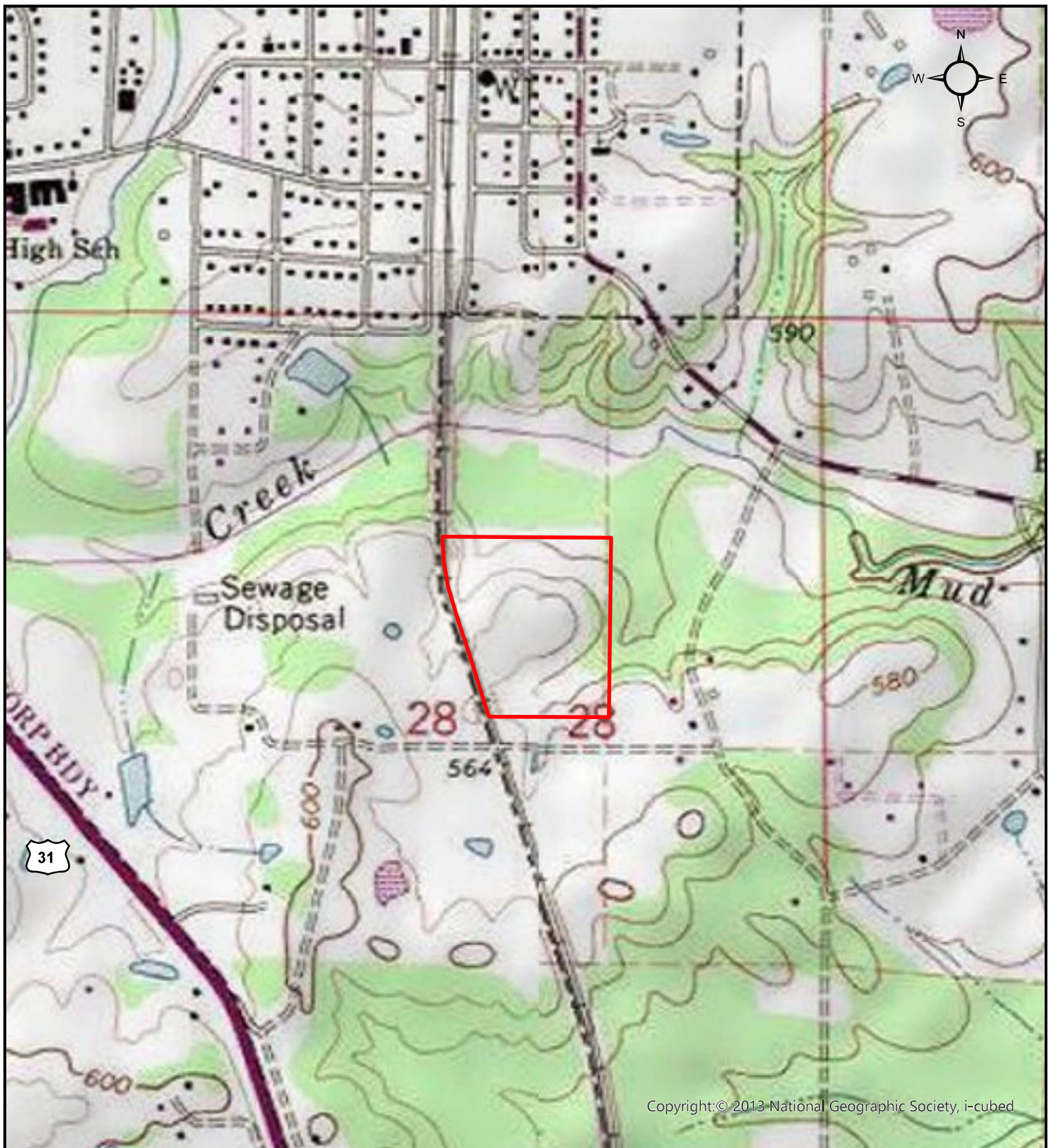
analysis in accordance with ADEM regulations and deliver them under chain-of-custody to an approved laboratory for analysis. Following receipt of analytical results, the site owner or designated representative will complete a Solid Waste Profile Sheet ADEM Form 300 to be submitted to ADEM for review and approval along with the applicable fee. The ADEM approved landfill should be provided a copy of the ADEM Waste Certification prior to transport of the contaminated soils to the landfill. A BOL must accompany each load of contaminated soil to the landfill and must include the ADEM waste certification number and signature of the owner or owner representative. All loading, transport, and disposal activities should be conducted in accordance with local and state requirements.

2.3 SOIL MANAGEMENT DOCUMENTATION

An excavation contractor or an oversight contractor will be required to provide the site owner or their designated representative with copies of waste disposal records to include the BOLs, waste manifests, and any information regarding the excavated area(s) of the site following any soil removal activities at the site. Waste disposal records will be provided to the owner or their designated representative within two weeks of receipt of the records.

Following any soil removal activities at the site, the owner or their designated representative will provide a report documenting the removal and proper disposal of site soils which will include a figure illustrating the excavated area(s), copies of the approved ADEM Form 300, BOLs, and waste manifests. The report will be provided to ADEM in order to maintain compliance with the restrictions set forth in the Environmental Covenant for the site.

ADEM will be notified 30 days prior to any soil disturbance activities at the Site.



Legend

Approximate Property Boundary



528 MINERAL TRACE
HOOVER, AL 35244
(205) 985-4874

TITLE:

Site Location
Voluntary Cleanup Plan
Former Kennedy Galvanizing
301 Industrial Boulevard
Hanceville, Alabama

SCALE:

0 500 1,000
1 inch = 1,000 feet

FIGURE NO.

1

PROJECT NO.

2252027.02

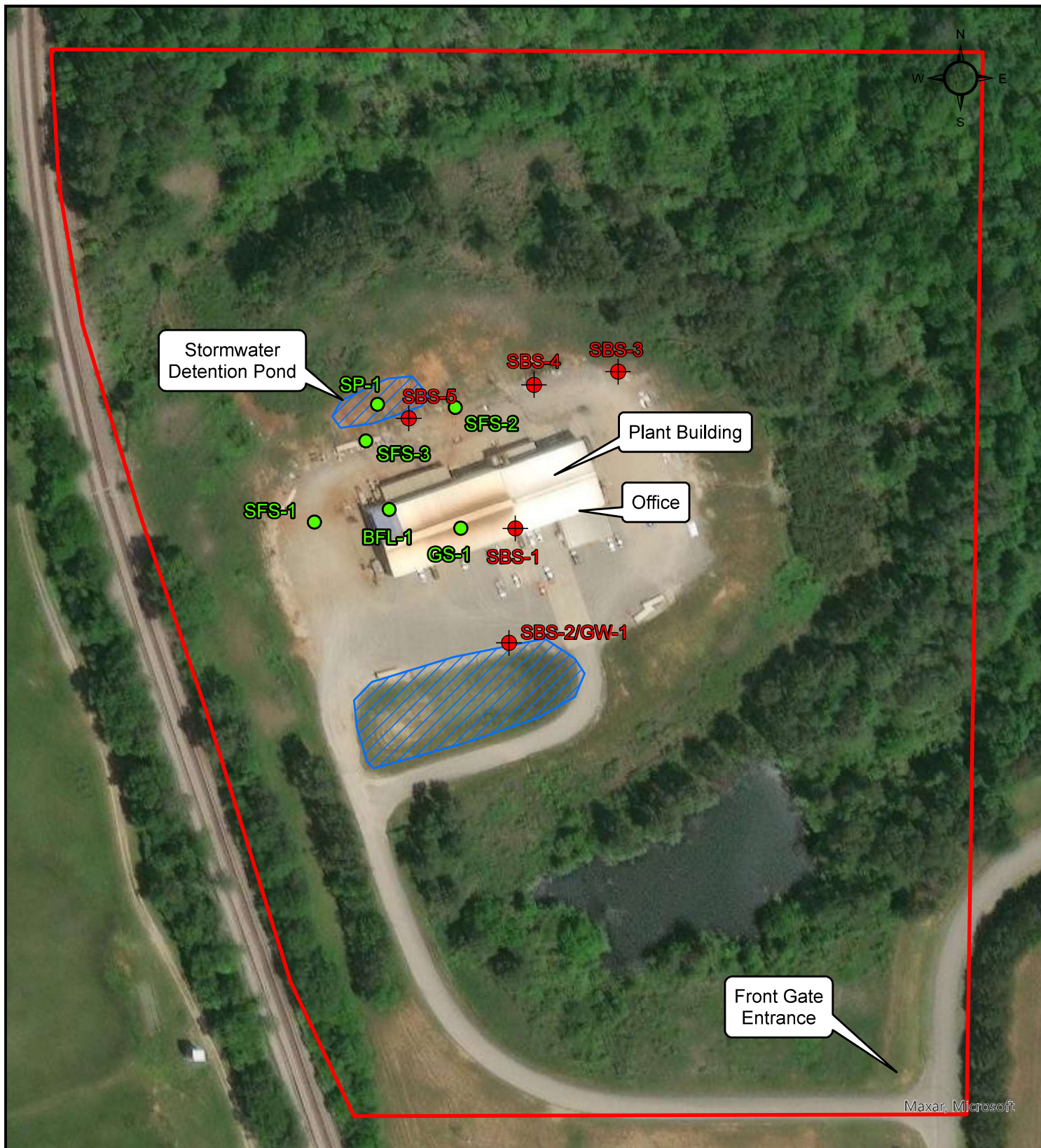
DRAWN BY

KDC

DATE DRAWN

08/11/2025

USGS Quad Id: 34086-A7
USGS Quad Name: Hanceville, Alabama



Legend

- Approximate Property Boundary
- ▨ Retention Basin
- Soil Boring/Temporary MW Location
- Surface Sample Location



528 MINERAL TRACE
HOOVER, AL 35244
(205) 985-4874

TITLE:

Site Map
Voluntary Cleanup Plan
Former Kennedy Galvanizing
301 Industrial Boulevard
Hanceville, Alabama

SCALE:

0 75 150
1 inch = 150 feet

FIGURE NO.

2

PROJECT NO.

2252027.02

DRAWN BY

KDC

DATE DRAWN

08/11/2025

Attachment D

Health & Safety Plan

Site-Specific Health and Safety Plan (HASP)



Project Title:

Former Kennedy Galvanizing Excavation Plan

Location:

301 Industrial Boulevard Southeast, Hanceville, AL 35077

Prepared For:

ZincFast, LLC

LaBella Project No. 2252027

Contact List		
Contact	Name	Phone
LaBella Project Manager	David Wall	205-586-1604
LaBella Site Supervisor	Same As Above	
Corporate Safety Manager	Catherine Monian	845-486-1557
Environmental Division Safety Program Manager	Tim Ruddy	315.440.5125
Site Safety Officer	Adam Hughes	205-335-8435
Site Contact	Same As Above	
Human Resources		
Emergency Personnel including Police and Fire Dept and Ambulance – Dial 911		
Hospital- <i>see Hospital Route Section below for directions</i>	1912 AL-157, Cullman, AL 35058	
Poison Control		800-336-6997
ADEM Emergency Response Hotline		1-800-843-0699

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ATTACHMENTS

APPENDICES

APPENDIX A - Directions to Medical Facility

APPENDIX B - Task Hazard Analysis Forms

APPENDIX C - Safety Data Sheets

APPENDIX D - Daily Tailgate Safety Meeting Form

o.o HASP Acknowledgment

All LaBella project personnel are required to sign the following agreement prior to conducting work:

1. I have read and fully understand the requirements of this site-specific HASP including my individual responsibilities listed above.
2. I agree to abide by the provisions of the HASP and participate in any health and safety meetings or modifications to the HASP criteria during the implementation of work.

Name

Company

Date

1.0 Introduction

The purpose of this Health and Safety Plan (HASP) is to provide guidelines for responding to potential health and safety issues that may be encountered at the project site, located at 301 Industrial Boulevard Southeast, Hanceville, AL 35077. This HASP only reflects the policies of LaBella Associates D.P.C. and its affiliated company, LaBella Environmental, LLC, collectively referred to as "LaBella". The requirements of this HASP are applicable to all approved LaBella personnel at the work site. This document's project specifications are to be consulted for guidance in preventing and quickly abating any threat to human safety or the environment. The provisions of the HASP do not replace or supersede any federal, state or local regulatory requirements.

2.0 Responsibilities

This HASP presents guidelines to minimize the risk of injury to project personnel, and to provide rapid response in the event of injury. The HASP is applicable only to activities of approved LaBella personnel and their authorized visitors specific to this project. The Project Manager shall implement the provisions of this HASP for the duration of the project. It is the responsibility of LaBella employees to follow the requirements of this HASP, and all applicable company safety procedures.

3.0 Daily Pre-Job Safety Meetings

Prior to the beginning of work each day the Field Supervisor/Foreman or on-site Project Manager will review upcoming daily job requirements, anticipated hazards and hazard control measures with the project team members. At this meeting information such as personal protective equipment, site conditions, emergency procedures, and other applicable topics may be addressed. A copy of the **Daily Pre-Job Safety Tailgate/Toolbox Meeting Form** is attached to this HASP.

4.0 Site Information

Project Name:	Former Kennedy Galvanizing Excavation Plan
LaBella Project No.:	2252027
Project Location:	301 Industrial Boulevard Southeast, Hanceville, AL 35077
Current Use of Project Location:	The facility is currently a zinc hot dip galvanizing facility.
Uses of Surrounding Areas (Res Vacant Land, Commercial, etc.):	The surrounding area is primarily industrial, agricultural, and residential.

Proposed Date(s) of Field Activity - Start:	2025-09-08
Proposed Date(s) of Field Activity - End:	2025-09-30

5.0 Scope of Work

The proposed field work covered under this HASP includes the following:

- Excavation and back fill of a stormwater detention pond and ditch area with an excavator and skid steer.

6.0 Emergency Information

The personnel and emergency response contacts associated with the proposed scope of work are presented below and are to be posted onsite during all field activities. The Site Safety Officer (SSO) is the primary authority for directing site operations and relaying communications under emergency conditions. During the SSO's absence, the Project Manager or Site Supervisor will lead emergency operations.

Project Personnel		
Contact	Name	Phone
LaBella Project Manager	David Wall	205-586-1804
LaBella Site Supervisor		
Corporate Safety Manager	Catherine Monian	845-486-1557
Environmental Division Safety Program Manager	Tim Ruddy	315.440.5125
Site Safety Officer	Adam Hughes	205-335-8435
Site Contact		
Human Resources		
Emergency Personnel including Police and Fire Dept and Ambulance – Dial 911		
Hospital- see <i>Hospital Route Section below for directions</i>	1912 AL-157, Cullman, AL 35058	
Poison Control		800-336-6997

ADEM Emergency Response Hotline	1-800-843-0699
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First Aid

A First Aid Kit will be located as follows: The injured person may be transported to a trained medical center for further examination and treatment. The preferred transport method is a professional emergency transportation service; however, if this option is not readily available or would result in excessive delay, other transport is authorized.

Under no circumstances should an injured person transport themselves to a medical facility for treatment, no matter how minor the injury may appear.

Incident Reporting

Employees shall report all incidents and injuries to their supervisor as soon as possible, including those involving employees operating vehicles and other equipment. All reporting procedures contained in LaBella Safety Policy 1.22 must be followed.

During emergencies employees should seek medical care immediately. When contacting their Supervisor/Safety Manager/HR, employees should discuss medical care options. If an employee is asked by medical personnel for a worker's compensation number, they should tell them that LaBella should be billed directly.

When emergency medical care is not imminent, employees shall immediately report events to their immediate Supervisor, the Safety Manager and Human Resources, and participate in the investigation process as well as the corrective action process, as needed. An Accident-Incident-Near Miss-Hazard Form must be submitted online or by e-mail to the Supervisor, Safety Manager and HR as soon as possible but no later than 24 hours after the event. The Form can be found on LaBella's intranet under "Operations".

7.0 Potential Health and Safety Hazards and Controls

This section lists potential health and safety hazards that project personnel may encounter at the project site and actions to be implemented by approved personnel to control and reduce the associated risk to health and safety. This is not intended to be a complete listing of any and all potential health and safety hazards. New or different hazards may be encountered as site environmental and site work conditions change. The suggested actions to be taken under this plan are not to be substituted for good judgment on the part of project personnel. At all times, the Site Safety Officer has responsibility for site safety, and their instructions must be followed.

<i>Physical Hazards</i>		
Work Action or Condition	Potential Safety Hazard	Controls (including PPE)
Excavations and Trenches	Injury from fall into or cave-in of trench/excavation. Asphyxiation, engulfment, or explosion (if pipe bursts)	An open excavation or trench may be present during site activity, or could be present during demolition or remediation activities. No LaBella employees should enter a trench or excavation unless authorized to by the designated Competent Person. During heavy precipitation, excessive runoff may create slippery surfaces and also weaken the excavation sidewalls making the excavation more susceptible to collapse. The following hazard control measures will be applied: • All materials must be placed greater than 2 feet from the edge of the trench and LaBella employees should remain at least 2-feet from the edge of any excavation or trench. • LaBella employees are not to enter excavations greater than 4-feet in depth unless they have received appropriate training, stabilization measures are in place and a competent person has determined that the conditions are safe. • Any samples must be collected from the equipment bucket or from the spoils pile.
Heavy Equipment - Working Near	Struck by, Caught in between, Causing an obstruction on existing roadway, Rollaway, and hearing damage.	Working near heavy equipment presents struck-by and caught-in or in-between risks. Heavy equipment can also rollaway or obstruct roadways, limiting visibility. The following hazard control measures will be applied: • Maintain 360 degrees of awareness of your surroundings. • Meet the Operator, discuss work operations, and stay in line of sight. • Wear high visibility clothing (outer layer), hard hat, safety glasses, work boots. • Stand in safe zone away from blind areas. Never walk behind or to the side of heavy equipment without the operator's knowledge. Have an escape plan. • Stay out of the swing zone of heavy equipment such as excavators or traditional auger rigs. The swing zone is defined as an entire 360 degree circle equipment may move within as measured from a central location point.

		• Only approach drill rig after auger has stopped rotating and the operator has given the OK for you to approach to collect a sample. • Wear hearing protection when working near heavy or moving equipment.
Hot Weather & Sun, Other Heat Hazards	Prickly Heat (Heat rash), Heat Cramps, Heat Exhaustion, Heat Fatigue, Heat Collapse, Heat Stroke, Sunburn	Environmental heat hazards, whether indoors or outdoors, present physical injury risks. Exercise caution when working in hot temperatures or around hot tar or other materials, hot ovens or other equipment, heat absorbing surfaces such as roofs and roads, and reflective surfaces such as water or metal. The following hazard control measures will be applied: • Have sunscreen available for ultraviolet protection on sunny days. • Have water or electrolyte drinks for dehydration. • Check the weather and adjust work schedules if heat is excessive. Work early or later in day. • Perform work during cooler hours of the day or at night if adequate lighting can be provided. • Utilize shelter (air-conditioned, if possible) or shaded areas to protect personnel during rest periods. • Use cooling devices such as fans and water misters. • Allow workers to take breaks in air-conditioned vehicles.
Railroad Tracks - Near/On	Getting struck by train	• Workers will not go into railroad ROW or onto railroad tracks unless they have specific railroad training and permission.

<i>Biological and Environmental Hazards</i>		
Work Action or Condition	Potential Safety Hazard	Controls (including PPE)

<i>Ergonomic Hazards</i>		
Work Action or Condition	Potential Safety Hazard	Controls (including PPE)

Noise (Loud, Sustained)	Hearing Damage	• Ear protection will be worn at all times when personnel are within 20-feet of operating equipment or when noise level becomes consistently loud enough to have to raise voice to communicate with someone. • Hearing protection will also be worn in the vicinity of generators, concrete cutters, and any other high noise emitting equipment.
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<i>Chemical Hazards (General)</i>		
Work Action or Condition	Potential Safety Hazard	Controls (including PPE)
Chemical Exposure - Heavy Metals	<i>Contaminants identified in testing locations at the Site include low-level heavy metals, primarily associated with Site contamination. Heavy metal-impacted media including fill material may be encountered during subsurface activities at the project work site.</i>	The presence of heavy metals in site media may be difficult to ascertain in the field. Heavy metal concentrations at this site are not anticipated to exceed PELs. The following hazard control measures will be applied, however: • Workers shall wear appropriate PPE and follow listed decontamination procedures to prevent exposures. Refer to the relevant sections of this HASP for more detail regarding PPE and decontamination procedures.
Chemical Exposure - Semi-Volatile Organic Compounds (SVOC)	<i>Contaminants identified in testing locations at the Site include SVOCs. SVOC-impacted media including fill material may be encountered during subsurface activities at the project work site.</i>	The presence of SVOCs in site media may be detected by their odor and monitoring instrumentation. SVOC concentrations at this Site are not anticipated to exceed PELs. The following hazard control measures will be applied, however: • Workers should be wearing appropriate PPE and following listed decontamination procedures to prevent exposures. Refer to the relevant sections of this HASP for more detail regarding PPE and decontamination procedures.
Chemical Exposure - Volatile Organic	<i>Contaminants identified in testing locations at the</i>	Volatile Organic Compound (VOC) gases may be emitted from a number of materials and products. The presence of organic vapors may

Compounds (VOC)	<i>Site include various volatile organic compounds (VOCs), primarily VOCs associated with Site contamination. Volatile organic vapors may be encountered during subsurface activities at the project work site. Inhalation of high concentrations of volatile organic vapors can cause headache, stupor, drowsiness, confusion and other health effects. Skin contact can cause irritation, chemical burn, or dermatitis. Relevant Safety Data Sheets are included as Appendix 1.</i>	be detected by their odor and by monitoring instrumentation and can lead to physical harm. VOC concentrations at this Site are not anticipated to exceed PELs. The following hazard control measures will be applied, however: • Workers should be wearing appropriate PPE, following listed decontamination procedures and be periodically screening the work zone to prevent against and evaluate for unexpected exposures. Refer to the relevant sections of this HASP for more detail regarding PPE, decontamination procedures and work zone screening.
Sample Collection - Soil or Groundwater	<i>Exposure to contaminants. Hand injury from cutting, crushing, tool or glass breakage. Back strain from lifting cooler.</i>	• When collecting samples, workers will utilize nitrile gloves, safety glasses or goggles. If material being sampled potentially contains fill or other sharp material, use a stainless steel spoon (or similar) as a tool to collect the sample. Any such tools should be dedicated or properly decontaminated between samples. • When lifting sample coolers, workers will use proper lifting techniques and get assistance when possible, especially for containers heavier than 50 lbs.

<i>Individual Contaminant Hazards</i>			
Chemical	OSHA Permissible Exposure Limit (PEL)/ NIOSH Recommended Exposure Limit (REL) or Immediately dangerous to life or health air concentration values (IDLH)	Routes of Exposure	Symptoms of Overexposure

8.0 Personal Protective Equipment (PPE)

All site workers will have appropriate training as identified in Section 7.0. Training includes the identification of PPE necessary for various tasks; how to don, doff, adjust, and wear PPE; limitations of PPE; and proper care, inspection, testing, maintenance, useful life, storage, and disposal of the PPE. PPE will be inspected on a regular basis.

Level D: A work uniform affording minimal protection, used for nuisance contamination, only.	• Coveralls or long-sleeves and pants • Gloves • Nitrile sampling gloves (as needed) • Boots/shoes, chemical-resistant steel toe and shank • Safety glasses or chemical splash goggles • Hard hat
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9.0 Employee Training

All workers and other personnel shall receive appropriate training prior to engaging in site activities. All workers must recognize and understand the potential hazards to health and safety that are associated with the proposed scope of work and must be thoroughly familiar with programs and procedures contained in this Safety Plan.

The following training levels were determined to be needed:

- OSHA 40 Hour - HAZWOPER

10.0 Exposure Monitoring

No - Exposure Monitoring not required or applicable

11.0 Site Control

No - Contaminant Exclusion or Reduction zone not required or applicable at the site.

12.0 Recordkeeping

An electronic or hard-copy version of this HASP will be present at the Site during all field work activities. Copies of field logs, including daily pre-job safety meeting logs, will be filed by LaBella and available for the duration of the project.

Employees will be able to provide physical or electronic copies of required training certificates.

Incident reporting will be completed in accordance with LaBella policies.



APPENDIX A

Directions to Nearest Medical Facility

Hospital Route

Hospital Directions:

← from 301 Industrial Blvd, Hanceville, AL 35077
to Cullman Reg'l Medical Ctr, 1912 AL-157, Cullm...

25 min (14.6 miles)   

via US-31 N and 3rd Ave SE

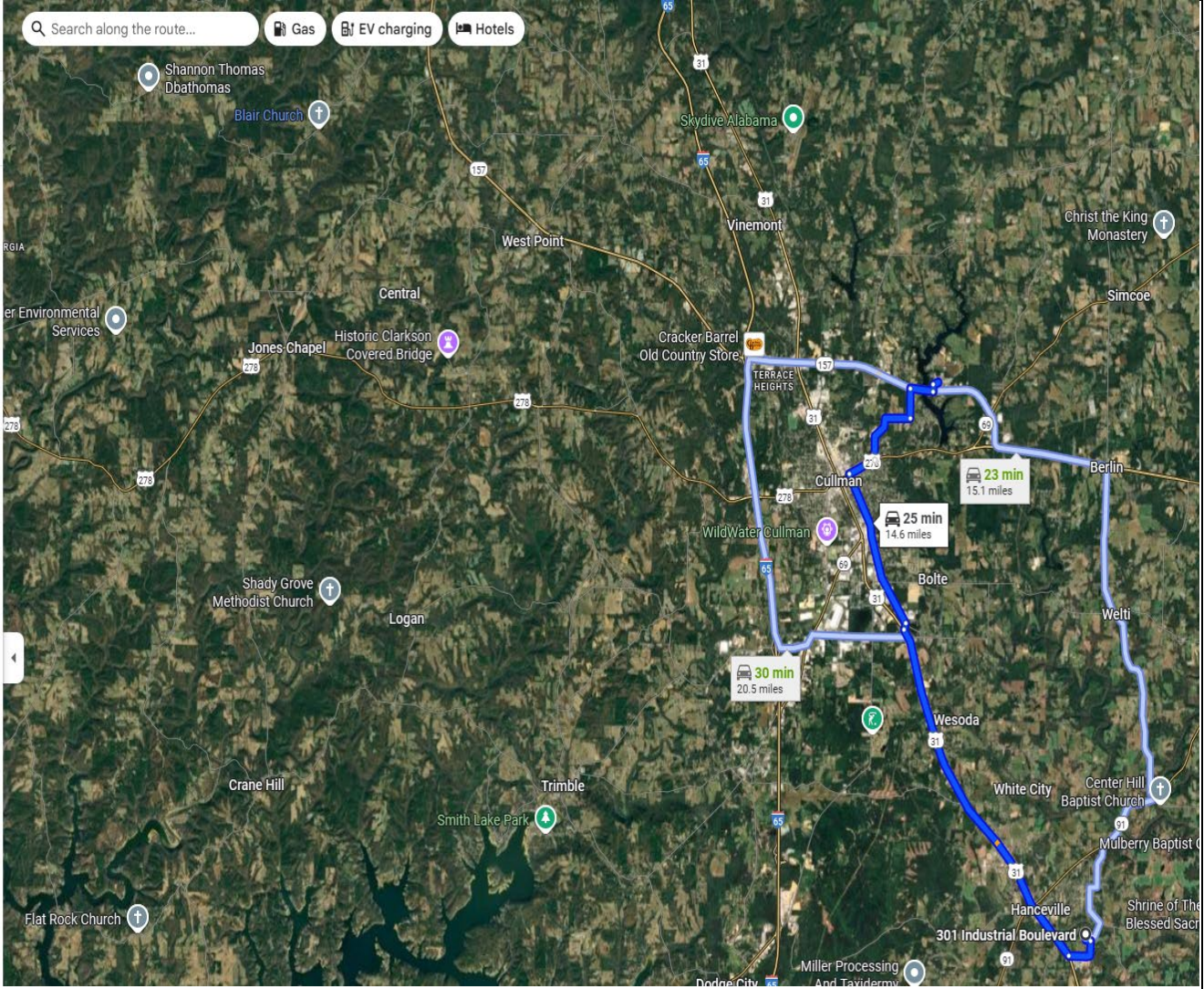
301 Industrial Blvd
Hanceville, AL 35077

- Take Industrial Blvd to US-31 N
3 min (1.0 mi)
- ➔ Turn right onto US-31 N
9 min (7.1 mi)
- Continue to US-278 E/3rd St
6 min (3.2 mi)
- ➔ Turn right onto US-278 E/3rd St
1 min (0.6 mi)
- Continue on Convent Rd NE to your destination
6 min (2.7 mi)

Cullman Reg'l Medical Ctr
[1912 AL-157, Cullman, AL 35058](#)

Search along the route...

Gas EV charging Hotels





APPENDIX B

Task Hazard Analysis Forms



6.03 Task hazard analysis (THA) and Personal Protective Equipment (PPE) Hazard assessment and certification Form

GENERAL INFORMATION										
THA Title or Work Activity:	Risk Level:	Division and Project #:	Date:	Revised Date:	THA ID#:					
PREPARATION SIGN OFF										
Person Preparing THA:	Position / Title:	Person Assisting with THA:	Position / Title:	Notes:						
Reviewer w/ Relevant Task Experience:	Position / Title:	Safety Manager Name (for High/V. High Risk):	Signature:							
MINIMUM REQUIRED PERSONAL PROTECTIVE EQUIPMENT										
Put X in box for items needed.										
Head:		Hand:		Respiratory:		Safety Vest/Reflective Gear:		Fall Protection Gear:	ARC	FR
Hard Hat		Latex Gloves		Filtering Face Piece (e.g. N95)		Safety Vest Type II		Harness with		
Safety Helmet		Nitrile Gloves		Half-Face Respirator		Safety Vest Type III		Trauma Relief Strap		
Type I		Work Gloves		Full-Face Respirator		Safety Vest -Tear Away		Lanyard		
Type II		Kevlar Gloves				Reflective Pants		ARC or FR Gear*: CAT2 (8 calorie/cm2):		
<i>Minimum LBA head protection is Type I, Class E</i>		Voltage rated insulated gloves		<u>Respirator Cartridge Type</u>		Body:		Shirt		
Eyes:		Leather glove protectores		Dust, fumes, mists		Coveralls		Pants		
Safety Glasses		<i>NOTE: Above two items are ONLY to be</i>		Organic Vapors		Apron		Coveralls		
Safety Goggles		<i>used by designated Qualified staff</i>		Acid gas		Tyvex		Neck Gaiter		
Face Shield (Wire Mesh)		Feet:		Ammonia Gas		Kevlar Chaps		Hard hat Liner		
Face Shield (Polycarbonate)		Workboots		Radioactive Materials				Rain Jacket		
Hearing:		Safety Toe Boots		Other:		Other:		Safety Vest		
Ear Plugs		Microspikes						<i>Note: All ARC gear is FR-rated BUT not all</i>		
Ear Muffs								<i>FR gear is ARC-rated.</i>		
						<i>*ALL work requiring PPE above CAT2 requires Corporate Safety Manager approval.</i>				
TASK HAZARD ANALYSIS										
Sequence of Steps:	Materials, Equipment & Tools Needed:	Potential Hazards:	Recommended Control Measures/PPE/ Training:							
On-site edits:										

RISK ASSESSMENT CODES			
Likelihood of Harm (People, Environment, Facility)	Severity of Harm/Consequences (People, Environment, Facility, Supply Chain Disruption, Brand Impact)		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	Very Low Risk	Very Low Risk	High Risk
Unlikely	Very Low Risk	Medium Risk	Very High Risk
Likely	Low Risk	Medium Risk	Very High Risk
Very Likely	Low Risk	High Risk	Very High Risk
Definitions			
Likelihood of Harm Categories: -Very Unlikely: Will not occur except in rare instances under certain conditions -Unlikely: Typically would not occur -Likely: May occur on a regular basis -Very Likely: Will occur in most instances		Severity of Harm Categories: -Slight harm: Only first aid required -Moderate harm: Injury or illness resulting in inability to work for a short period of time -Extreme harm: Death or serious injury or illness resulting in inability to work indefinitely	
ACKNOWLEDGEMENT OF THA/PPE ASSESSMENT REVIEW			
Name	Signature	Company	Date

APPENDIX C

Safety Data Sheets



Safety Data Sheet Digital Library for Reference



APPENDIX D

Daily Tailgate Safety Meeting Form



6.08 PRE-JOB SAFETY TAILGATE/TOOLBOX MEETING FORM

Date		Time	
Location or Address		Temperature	
Project Number		Humidity	
Conducted by		Conditions	
Were all workers reminded that COVID is still prevalent and that appropriate measures should be taking to prevent infection of themselves and others?			Yes ☐ No ☐

911	If 911 is unavailable at this location, please state the procedure for reporting emergencies _____
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List Safety Topic of Discussion and/or Any Specific Hazards for the Work Being Performed Today	
1	
2	
3	
4	
5	
6	
7	
List Control Measures for Each Specific Hazard Listed Above	
1	
2	
3	
4	
5	
6	
7	

PLEASE SIGN THE BACK OF THIS SHEET

The presenter and all attendees shall print and sign in the appropriate areas on the back of this sheet



By signing, you declare that you understand the information presented in today's meeting, and that you have had the opportunity to ask questions and to clarify any uncertainty regarding such information.

All Visitors and Contractors Must Print Their Company Name

[illegible]