City of Tampa
Jane Castor, Mayor

Contract Administration
Richard Mutterback, Director
306 East Jackson Street, 4N
Tampa, FL 33602

Office (813) 274-8116
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ADDENDUM 2
Via E-Mail
DATE: April 26, 2024

Contract: 23-C-00013; Morris Bridge Filter Building Improvements

Bidders on the above referenced project are hereby notified that the following addendum is made to the Contract Documents. BIDS TO BE SUBMITTED SHALL CONFORM TO THIS NOTICE.

Item 1: The Bid Opening date is hereby changed to May 21, 2024

Item 2: Attached is a copy of the Pre-Submission Sign-In Sheet. Attendance was not mandatory.

Item 3: The following are responses to various RFI's:

1. On pages FL-D-103, FL-D-104, FL-D-105, FL-D-201, FL-D-202, and FL-D-203, the general and sheet notes reference sheet C210.
We are unable to locate. Please advise where this page exists.
a. The only plausible explanation is that "Drawing C210" is a reference bust with the correct reference being to site/civil drawing S2-C-110.
On this drawing the area below the steel tankage is color coded RED – being identified as "ASPHALT & CONC PVMT DEMO" with a 19,010 SF square footage assigned.
Supporting this presumption is DEMOLITION KEYNOTE 6 on the same S2-C-110 drawing which states: 'DEMO CONC PVMT SUPPORTING TANK SUPPORT STRUCTURAL."

2. Will the City of Tampa allow any further site visits? We have an environmental company that would like to look at the three ponds on site that need pricing.
a. No, as stated on the Bid, the only site visit was the one that occurred on 4/8/24.

3. See Item 1.
4. Is a schedule available at this time?
a. Overall project timeline: Please provide an overview of the start and end dates of the project, including any major milestones or deliverables along the way.
b. Reference 'Instructions to Bidders, Section I-1.05 TIME FOR COMPLETION':
The work shall be arranged to be completed in accordance with a progress schedule approved by the Construction Engineer.
The time for completion of this project, referred in Article 4.01 of the Agreement, shall be 315 consecutive calendar days.
The period for performance shall start from the date indicated in the Notice To Proceed.

c. The Contractor shall provide a defined schedule with milestone dates to completion of this project as described in specification Section 01 32 00, Sub-Section 1.7 Contractor's Construction Schedule.

5. What are the disposal requirements of the material in the tanks?
a. JACOBS understanding is the tanks to be demolished as substantially empty but may contain residual amounts of chemicals used in the water treatment process.
Reference specification Section 02 41 19 Selective Demolition, Sub-Section 1.9 Field Conditions.
b. Reference specification Section 02 41 19, Sub-Section 1.2 Reference, Item A.
Hazardous Materials Survey Report: Refer to Comprehensive Pre-Demolition Survey Report for Morris Bridge Water Pumping Facility; Gallagher Bassett Services, Inc.; July 2022
c. Document provided by The City of Tampa (attached).
d. Reference specification Section 1.6 Informational Submittals, for additional information.

6. Is there an Asbestos Survey available?
a. Reference specification Section 02 41 19, Sub-Section 1.2 Reference, Item A.
Hazardous Materials Survey Report: Refer to Comprehensive Pre-Demolition Survey Report for Morris Bridge Water Pumping Facility; Gallagher Bassett Services, Inc.; July 2022
b. Document to be provided by The City of Tampa (attached).

7. Is there a Hazardous Waste Survey available?
a. Reference specification Section 02 41 19, Sub-Section 1.2 Reference, Item A.
Hazardous Materials Survey Report: Refer to Comprehensive Pre-Demolition Survey Report for Morris Bridge Water Pumping Facility; Gallagher Bassett Services, Inc.; July 2022
b. Document to be provided by The City of Tampa (attached).

Item 4 – Clarification; The contractor shall remove Specification Section 01 10 00 Summary, page 1, line-item C. Design Builder, Engineer/Contractor, or Contractor: CH2M HILL Engineers, Inc. (CH2M HILL).

Item 5 – Clarification; The contractor shall remove Specification Section 01 10 00 Summary, page 1, line-item E. Subcontractor: Entity under Contract to Design Builder (CH2M HILL Engineers, Inc.) to perform portions of the Work.

Item 6 – Clarification; The contractor shall remove Specification Section 01 10 00 Summary, page 1, line-item I. CH2M HILL Engineers, Inc. is a fully owned subsidiary of Jacobs Engineering Group Inc. Wherever CH2M HILL or Jacobs is mentioned in the Contract Documents, they are one in the same.

All other provisions of the Contract Documents and Specifications not in conflict with this Addendum shall remain in full force and effect.

Questions are to be e-mailed to ContractAdministration@tampagov.net .

Jim Greiner

Jim Greiner, P.E., Contract Management Supervisor

23-C-00013 Site 2 Morris Bridge Filter Building Improvements

Pre-Bid Conference 2PM 4-8-24

Sign-In Sheet Please Print — City of Tampa, Contract Administration Department

	Name	Organization	E-Mail
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GALLAGHER BASSETT | TECHNICAL SERVICES

COMPREHENSIVE PRE-DEMOLITION SURVEY REPORT FOR:
MORRIS BRIDGE WATER PUMPING FACILITY

PROJECT LOCATION:

17101 DONA MICHELLE DRIVE
TAMPA, FLORIDA 33647

PREPARED FOR:
JACOBS ENGINEERING GROUP
201 N. FRANKLIN STREET, SUITE 1400
TAMPA, FLORIDA 33602

PREPARED BY:
GALLAGHER BASSETT SERVICES, INC.
4350 W. CYPRESS STREET, SUITE 300
TAMPA, FLORIDA 33607

JULY 26, 2022

PROJECT NO. 22009-0142

Comprehensive Pre-Demolition Survey Report for:
Morris Bridge Water Pumping Facility

Project Location:
17101 Dona Michelle Drive
Tampa, Florida 33647

Prepared for:
Mr. Ralph Myers
Preconstruction Services
Jacobs Engineering Group
201 N. Franklin Street, Suite 1400
Tampa, Florida 33602

Prepared by:
Gallagher Bassett Services, Inc.
4350 W. Cypress Street, Suite 300
Tampa, Florida 33607

July 26, 2022

Project No. 22009-0142

The following Gallagher Bassett Services, Inc. personnel have prepared and/or reviewed this report for accuracy, content, and quality of presentation.

Reviewed by:

John G. Barkey, LAC
Industrial Hygiene Project Professional
Gallagher Bassett Services, Inc.
AHERA Certified Asbestos Inspector

Prepared by:

John C. LeJeune Jr., CIH, LAC
Senior Industrial Hygiene Project Manager
Gallagher Bassett Services, Inc.
Florida Licensed Asbestos Consultant #AX100
EPA Lead Risk Assessor #LBP-R-I181220-2

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APPENDICES

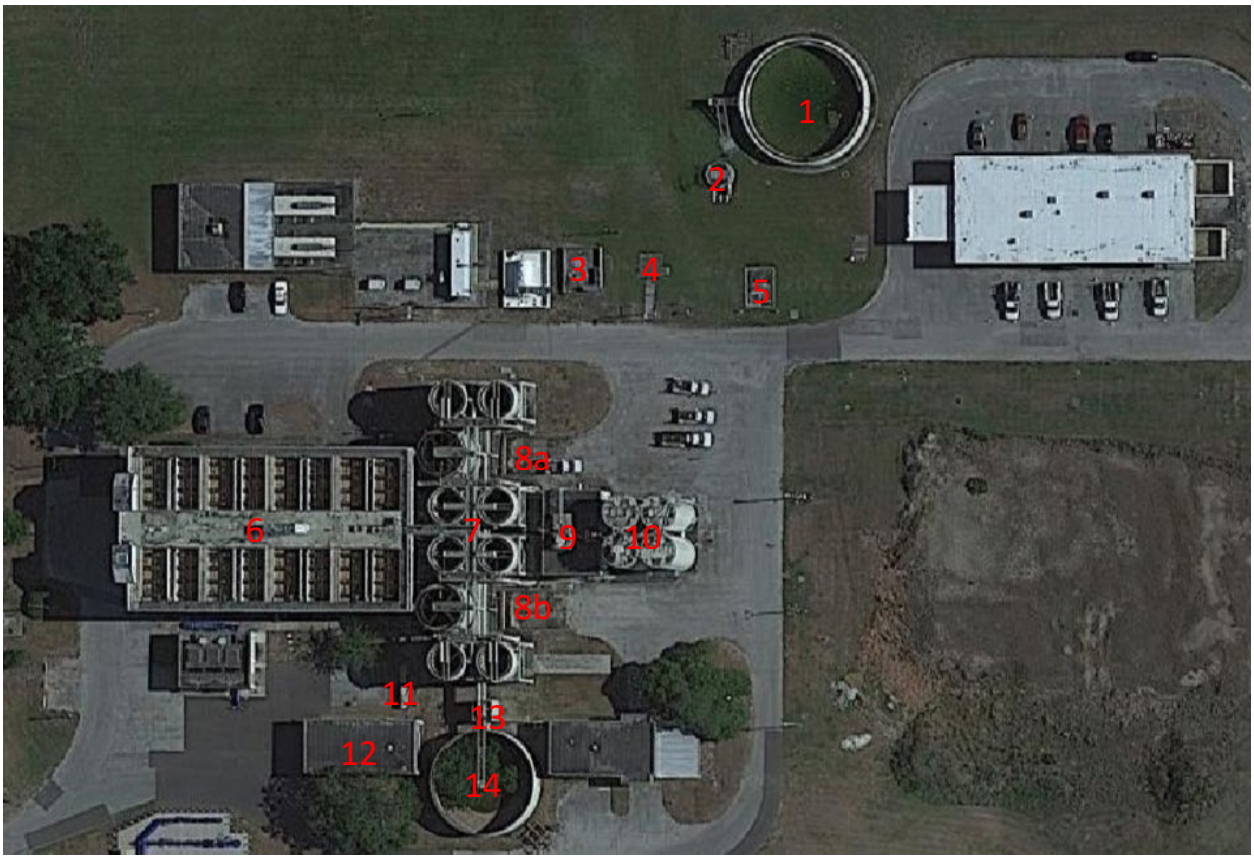
1.0 EXECUTIVE SUMMARY

Gallagher Bassett Technical Services (GBTS), a division of Gallagher Bassett Services, Inc., was retained by Jacobs Engineering Group (Client) to conduct a comprehensive pre-demolition/renovation survey of various structures identified at the Morris Bridge Water Pumping Facility located at 17101 Dona Michelle Drive in Tampa, Florida 33647 (Subject Location).

The survey was performed on July 8, 2022 by John Barkey and John LeJeune of GBTS, who are certified asbestos inspectors under the Asbestos Hazard Emergency Response Act (AHERA). The purpose of this survey was to identify the presence, extent and condition of asbestos-containing material (ACM), Lead-based paint (LBP), and other hazardous/universal wastes that may be impacted during planned demolition activities in order to comply with National Emissions Standards for Hazardous Air Pollutants (NESHAP), Hillsborough County Environmental Protection Commission (EPC) and other applicable Local, State and Federal regulations.

1.1 Structure Identification

The following structures were identified for demolition or renovation, as defined by the Client.



Aerial View of Subject Location – 17101 Dona Michelle Drive, Tampa, Florida 33647

Structure 1 – Gravity Thickener Tank with Associated Piping – Demolition
Structure 2 – Equipment Access for Gravity Thickener Tank – Demolition
Structure 3 – Secondary Collection A – Demolition
Structure 4 – Slab Foundation – Demolition
Structure 5 – Secondary Collection B – Demolition
Structure 6 – Filter Building – Renovation of Roof-Top Filtration System and Limited Piping in Gallery
Structure 7 – Aboveground Storage Tank/Silo Farm – Demolition
Structures 8a & 8b – Prill Pits – Demolition
Structure 9 – Chemical Feed Building – Demolition
Structure 10 – Aboveground Storage Tank/Silos for Chemical Feed Building – Demolition
Structure 11 – Aboveground Chlorine Tank – Demolition
Structure 12 – Chlorine Building – Renovation of Double-door and Crane/Hoist
Structure 13 – Concrete Structure for Reclaim Tank – Demolition
Structure 14 – Reclaim Tank – Demolition

1.2 Asbestos Materials Survey

During the survey, GBTS collected a total of fifty-seven (57) bulk samples from suspect materials throughout the Subject Location. Below is a summary of laboratory analysis results.

Asbestos was found in amounts greater than 1% in the materials below, and therefore are considered to be ACM by the Environmental Protection Agency (EPA).

Structure 9 – Chemical Fee Building

- Black asphalt roofing perimeter flashing (Photo 1)

Structure 12 – Chlorine Building

- Grey exterior caulking around double-doorway (Photo 2)

Asbestos was NOT found in amounts greater than 1% in the materials below, and therefore are not considered to be ACM by the EPA.

Structure 1 – Gravity Thickener Tank and Associated Piping

- Grey concrete wall with surfacing
- Red 20” gasket
- White caulking on pipe fitting
- Red 8” gasket
- Grey concrete walkway

Structure 2 – Equipment Access for Gravity Thickener Tank

- Grey concrete wall with surfacing
- Black 8” gasket

Structure 3 – Secondary Collection A

- Grey concrete wall/foundation

Structure 4 – Slab Foundation

- Grey concrete foundation

Structure 5 – Secondary Collection B

- Grey concrete wall/foundation

Structure 6 – Filter Building

- Black 36" gasket (in Gallery)
- Black 24" gasket (in Gallery)
- Black 30" gasket (in Gallery)
- Tan ceramic filter plates (on Roof)
- White grout of ceramic filter plates (on Roof)

Structure 7 – Aboveground Storage Tank/Silo Farm

- Black 24" gasket
- Red 20" gasket
- Red 36" gasket
- Red 8" gasket
- Grey caulking around concrete pillars
- Grey concrete foundations
- Grey concrete pillars
- Grey concrete walkways

Structures 8a & 8b – Prill Pits

- Concrete wall/foundation

Structure 9 – Chemical Feed Building

- Blue 4" gasket
- Black 8" gasket
- Grey concrete block walls
- Grey concrete foundation
- Red 12" gasket
- Red 6" gasket
- Black 6" gasket
- Black rectangle gasket
- Black asphalt rolled-roofing membrane system
- Grey lightweight concrete roof decking

Structure 9 – Chemical Feed Building (continued)

- Black asphalt roofing penetration flashing
- Brown cellulose roof decking
- Black caulking around roof penetration flashing
- Tan exterior stucco finish

Structure 10 – Aboveground Storage Tanks/Silos for Chemical Feed Building

- Grey caulking around tanks/silos base
- Grey flexible coating inside tanks/silos
- Grey concrete walkways
- Grey concrete foundation inside tanks/silos

Structure 11 – Aboveground Chlorine Tank (no suspect materials observed)

Structure 12 – Chlorine Building

- Grey concrete block walls
- White interior doorway caulking
- Grey exterior stucco finish

Structure 13 – Concrete Structure for Reclaim Tank

- Grey concrete walls
- Grey concrete foundation

Structure 14 – Reclaim Tank

- Black 36” gasket
- Red 12” gasket

See Appendix A for asbestos laboratory analysis report.

Note: gasket dimensions presented in the descriptions above were based upon a visual field estimates of pipe fitting diameters and not pipe runs.

1.3 Lead-Based Paint Survey

During the survey, GBTS collected of total of twenty-five (25) representative bulk paint-chip samples from surfaces planned for demolition/renovation. Below is a summary of laboratory analysis results.

Lead WAS identified in concentrations greater than 0.5% by weight in the following sampled materials, and therefore are considered to be LBP by the EPA:

Structure 3 – Secondary Collection A

- Orange metal handrails (Photo 3)

Structure 5 – Secondary Collection B

- Yellow metal parking bollards (Photo 4)

Structure 6 – Filter Building

- Orange metal handrails on Roof (Photo 5)
- Light green metal pipes in Gallery (No Photo Available)

Structure 7 – Aboveground Storage Tank/Silo Farm

- Orange metal handrails on top of tanks/silos (Photo 6)

Structures 8a & 8b – Prill Pits

- Orange metal handrails (Photo 7)

Structure 9 – Chemical Feed Building

- Yellow metal parking bollards (Photo 8)
- Orange metal handrails on roof (Photo 9)

Structure 10 – Aboveground Storage Tanks/Silos for Chemical Feed Building

- Yellow metal parking bollards (Photo 10)
- Orange metal handrails on top of tanks/silos (Photo 11)
- Red metal ladder cage (No Photo Available)

Structure 11 – Aboveground Chlorine Tank

- Yellow metal parking bollards (Photo 12)

Structure 12 – Chlorine Building

- Yellow metal crane/hoist (Photo 13)

Structure 13 – Concrete Structure for Reclaim Tank

- Orange metal handrails (Photo 14)

Structure 14 – Reclaim Tank

- Orange metal handrails (Photo 14)

Lead was NOT identified in concentrations greater than 0.5% by weight in the sampled materials, and therefore are not considered to be LBP by the EPA.

Structure 1 – Gravity Thickener Tank and Associated Piping

- Beige concrete wall
- Red aboveground metal pipes

Structure 2 – Equipment Access for Gravity Thickener Tank

- Beige concrete wall

Structure 3 – Secondary Collection A

- Beige concrete wall

Structure 6 – Filter Building

- Light green concrete walls (on Roof)

Structure 7 – Aboveground Storage Tank/Silo Farm

- Beige metal tanks/silos and associated pipes
- Yellow metal pipes
- Dark blue concrete pump pads
- Light blue concrete pillars

Structures 8a & 8b – Prill Pits

- Blue aboveground pipes

Structure 9 – Chemical Feed Building

- Beige interior metal pipes
- Beige metal I-beams
- Grey metal door
- Beige concrete block/stucco walls

Structure 10 – Aboveground Storage Tanks/Silos for Chemical Feed Building

- Grey concrete foundation inside tanks/silos
- Grey coating on metal inside tanks/silos
- Beige metal exterior of tanks/silos

Structure 11 – Aboveground Chlorine Tank

- Beige metal tank

Structure 12 – Chlorine Building

- Beige metal doorframe

Structure 13 – Concrete Structure for Reclaim Tank

- Grey concrete walls

Structure 14 – Reclaim Tank

- Red aboveground piping
- Beige metal tank

See Appendix B for lead laboratory analysis report.

1.4 Universal Waste Survey

The universal waste survey was limited to visual assessment of suspect and accessible components in building scheduled for demolition. Below is a summary of our findings.

Structure 1 – Gravity Thickener Tank and Associated Piping

No universal/hazardous waste materials noted that require special handling/disposal procedures.

Structure 2 – Equipment Access for Gravity Thickener Tank

No universal/hazardous waste materials noted that require special handling/disposal procedures.

Structure 3 – Secondary Collection A

No universal/hazardous waste materials noted that require special handling/disposal procedures.

Structure 4 – Slab Foundation

No universal/hazardous waste materials noted that require special handling/disposal procedures.

Structure 5 – Secondary Collection B

No universal/hazardous waste materials noted that require special handling/disposal procedures.

Structure 6 – Filter Building

Structure scheduled for limited renovations; therefore, no waste assessment was conducted.

Structure 7 – Aboveground Storage Tanks/Silos Farm

No universal/hazardous waste materials noted that require special handling/disposal procedures.

Structures 8a & 8B – Prill Pits

No universal/hazardous waste materials noted that require special handling/disposal procedures.

Structure 9 – Chemical Feed Building

- Nine (9) four-foot fluorescent light bulbs (Photo 15)
- Four (4) eight-foot fluorescent light bulbs (Photo 16)
- One (1) wall-mounted fire extinguisher (Photo 17)

Note: all lighting ballasts observed with "No PCB" labeling (Photo 18)

Note: multiple electrical control panels and motors were observed throughout the interior; however, no electrical transformers observed.

Structure 10 – Aboveground Storage Tanks/Silos for Chemical Feed Building

- Six (6) four-foot fluorescent light bulbs (Photo 19)

Note: all lighting ballasts observed with "No PCB" labeling (Photo 20)

- A safety placard on a tank/silo was labeled "Calcium Oxide" (Photo 21). The interior of this tank/silo was not accessible during GBTS assessment. This tank/silo should be confirmed to be empty or contents inside the tanks should be properly disposed of prior to demolition.

Structure 11 – Aboveground Chlorine Tank

- An aboveground storage tanks located to the north of the Chlorine Building was labeled "Chlorine Tank" on demolition plans provided by the Client; however, the tank was labeled "Anhydrous Ammonia" during the site assessment (Photo 22). Content of this tank should be confirmed or the tank should be confirmed to be empty prior to demolition. It content is still stored in this tank, it should be properly disposed of prior to demolition.

Structure 12 – Chlorine Building

Structure scheduled for limited renovations; therefore, no waste assessment was conducted.

Structure 13 – Concrete Structure for Reclaim Tank

No universal/hazardous waste materials noted that require special handling/disposal procedures.

Structure 14 – Reclaim Tank

No universal/hazardous waste materials noted that require special handling/disposal procedures.

1.5 Previous Reports

On April 22, 2019 EE&G Environmental Services, LLC conducted a limited lead-based paint survey at the Subject Location. Findings obtained from the 2019 survey were presented in the *Limited Pre-Demolition Lead-Based Paint Survey Report*, dated April 22, 2019. Due to lack detail associated with building descriptions and associated sample locations, GBTS deemed the information presented in the report as "incomplete" and chose not incorporate the previous sampling/laboratory information into this document.

On April 22, 2019 EE&G Environmental Services, LLC conducted a pre-demolition asbestos survey at the Subject Location. Findings obtained from the 2019 survey were presented in the *Pre-Demolition Asbestos Inspection Report*, dated April 29, 2019. Due to lack detail associated with building descriptions and associated sample locations, GBTS deemed the information presented in the report as "incomplete" and chose not incorporate the previous sampling/laboratory information into this document.

Both previous inspection documents are available to the Client upon request.

2.0 METHODOLOGIES

This comprehensive pre-demolition asbestos survey was conducted according to the following methodologies:

2.1 Asbestos Survey Method

The survey was limited to suspect building materials that may be impacted during planned demolition/renovation activities, as defined by the Client. Each observed suspect material was described, quantified and assigned a homogenous area (HA) identification number. A sufficient number of bulk samples were collected from each observed suspect material. If bulk samples of the suspect material could not be collected during the survey due to restrictions, the suspect materials was assumed to be ACM. The methods used for bulk sample collection were based upon procedures established by the Code of Federal Regulations (CFR) Title 40 Part 763 Subpart E, *Asbestos-Containing Materials in Schools*; as well as the ASTM International (formerly known as American Society for Testing and Materials) standard E2356 - 18, *Standard Practice for Comprehensive Building Asbestos Surveys.*

2.2 Asbestos Laboratory Analysis Method

The bulk samples collected were sent to EMSL Analytical, Inc. (EMSL) located in Orlando, Florida for analysis. Polarized light microscopy (PLM) guidelines and procedures established in the *Method for the Determination of Asbestos in Bulk Building Materials* (EPA-600/R-93-116 July, 1993) were used to determine asbestos content. Laboratory analysis results were reported as percent (%) asbestos by volume. Samples found to contain greater than one percent (1%) asbestos by volume were considered positive and listed as ACM.

2.3 Lead-Based Paint Survey Method

The survey was limited to suspect building materials that may be impacted during planned demolition/renovation activities, as defined by the Client. The Subject Location was visually inspected, and representative bulk paint chips samples were collected from painted and/or coated surfaces likely to be impacted by demolition/renovation activities. The bulk samples were collected based on building component type/substrate, and were collected in a manner as to minimize the introduction of substrate material into the bulk samples.

2.4 Lead-Based Paint Laboratory Analysis Method

Bulk paint-chip samples collected were sent to EMSL Analytical, Inc. (EMSL) located in Orlando, Florida for analysis via Flame Atomic Absorption Spectrophotometry (AAS) (Method SW 846, 7420). Laboratory analysis results were reported as percent by weight. EMSL is an American Industrial Hygiene Association (AIHA) accredited laboratory. Samples found to contain greater than 0.5 % by weight were considered “positive”, and listed as LBP.

2.5 Universal Waster Survey Method

GBTS conducted a walk-through of the Subject Location scheduled for demolition to visually inspect for the following universal waste materials.

- Polychlorinated biphenyl (PCB) containing electrical equipment (e.g., transformers, ballasts, etc.)
- Mercury containing devices (e.g., thermostats, florescent light bulbs, etc.)
- Radioactive sources (e.g., smoke detectors, exit lights, etc.)
- Chlorofluorocarbons (CFCs) substances (e.g., fire suppression, air conditioning equipment, etc.)
- Other miscellaneous materials that may be hazardous to human health or the environment during demolition (e.g., microbial growth, biological wastes, etc.)

GBTS conducted a visual assessment of suspected waste materials for labels/placards which provided information as to the contents of the component (e.g., “contains PCB’s”, “CFC Free”, serial numbers, manufacturing dates, etc.). GBTS photographed, documented conditions, and quantified each suspect material throughout the structures scheduled for demolition. No bulk sample collection and/or associated laboratory analysis was conducted during the limited visual survey.

3.0 LIMITATIONS

This survey report has been prepared by GBTS in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions. No other warranty, expressed or implied is made. The purpose of this report is to assist the Owner and/or Client in locating ACM, LBP and hazardous/universal waste that may be impacted during planned demolition/renovation activities, and to determine appropriate response actions if identified. Under no circumstances is this report to be utilized by a third-party for bidding purposes and/or for project specifications without the expressed written consent of GBTS.

It is possible that ACM may not have been discovered during the inspection due to inaccessibility or missing/incomplete plans. If suspect material is discovered after the issuance of this report, this material should be sampled and analyzed by a laboratory to determine asbestos content. Appropriate response actions should be initiated dependent upon laboratory analysis results.

While the PLM analysis method is the most commonly accepted analytical method for detecting asbestos fibers in bulk materials, it is known to have limited resolution and may not detect extremely small asbestos fibers. Certain materials such as resilient vinyl floor tile (VFT) and rubberized gaskets may contain extremely fine asbestos fibers that are beyond the resolution of PLM.

Conclusions and recommendations presented in this report are based upon sample collection and laboratory analysis results in compliance with environmental regulations, as well as quality control and quality assurance standards. Conclusions and recommendations presented in this report were limited to conditions observed at the time of the inspection. Other conditions elsewhere in the Subject Location may differ from those in the inspected/surveyed areas. Such conditions are unknown, may change over time and have not been considered.

This report was prepared solely for the Client's use, and was not intended for use by third-party beneficiaries. The Client shall indemnify and hold GBTS harmless against any/all liabilities for loss arising out of third-party work performed based on, relating to and/or reliance by the contents of this report. GBTS will not be held responsible for the interpretation and/or use of data by others developed pursuant to the compilation of this report. GBTS does not warrant the use of segregated portions of this report.

4.0 SITE DESCRIPTION

The following structures were identified for demolition or renovation, as defined by the Client.

Structure 1 – open-top concrete gravity thickener tank with associated aboveground metal piping.

Structure 2 – concrete encasement for equipment access for gravity thickener tank.

Structure 3 – open-top concrete secondary collection structure for previously removed equipment.

Structure 4 – concrete slab foundation for previously removed equipment.

Structure 5 – small concrete secondary collection structure for previously removed equipment.

Structure 6 – two-story Filter Building with "gallery" for interior pipe access and a roof-top filter system observed to have been constructed with concrete walls, with a perforated ceramic tile filters. No HVAC system was observed in the areas scheduled for renovation.

Structure 7 – approximately ten (10) open-air aboveground metal storage tanks/silos with associated metal piping and structural supports, with concrete pillars/supports.

Structures 8a & 8b – two (2) open-air collection prill pits with concrete walls/foundations.

Structure 9 – two-story chemical feed building with concrete block walls, concrete slab foundation, interior metal piping and structural supports. The roof was an asphalt rolled-roofing system.

Structure 10 – approximately four (4) closed aboveground metal storage tanks/silos with associated metal piping and structural supports, with concrete foundations.

Structure 11 – one (1) aboveground storage tank for Chlorine gas.

Structure 12 – one-story chlorine building with concrete block walls and concrete slab foundation. The roof was not observed due to limited renovation isolated to the west double-door area. The chlorine building contained a crane/hoist attached to the roof of the structure.

Structure 13 – one-story concrete block structure with metal piping for support of reclaim tank.

Structure 14 – large open-air metal reclaim tank.

5.0 ASBESTOS SURVEY RESULTS

The table below presents materials descriptions, sample identifications, homogenous areas and asbestos content.

HA	Material Description	Sample ID	HA Locations	Approx. Quantity	Asbestos Content	NESHAP Category
1	Grey concrete wall with surfacing	001	Structure 1	NA	NAD	NA
1	Grey concrete wall with surfacing	002	Structure 2	NA	NAD	NA
2	Red 12” gasket	003	Structure 1	NA	NAD	NA
3	White caulking on pipe fitting	004	Structure 1	NA	NAD	NA
4	Red 8” gasket	005	Structure 1	NA	NAD	NA
5	Grey concrete walkway	006	Structure 1	NA	NAD	NA
6	Black 8” gasket	007	Structure 2	NA	NAD	NA
7	Grey concrete wall/foundation	008-009	Structures 8a & 8b	NA	NAD	NA
8	Black 35” gasket	010	Structure 14	NA	NAD	NA
9	Red 12” gasket	011	Structure 14	NA	NAD	NA
10	Grey concrete walls	012	Structure 13	NA	NAD	NA

HA	Material Description	Sample ID	HA Locations	Approx. Quantity	Asbestos Content	NESHAP Category
11	Grey concrete foundation	013	Structure 13	NA	NAD	NA
12	Grey concrete block walls	014	Structure 12	NA	NAD	NA
13	White interior doorway caulking	015	Structure 12	NA	NAD	NA
14	**Grey exterior doorway caulking**	**016**	**Structure 12**	**25 LF**	**6% Chrysotile**	**Category II**
15	Grey exterior stucco finish	017	Structure 12	NA	NAD	NA
16	Grey concrete wall/foundation	018	Structure 3	NA	NAD	NA
17	Grey concrete foundation	019	Structure 4	NA	NAD	NA
18	Grey concrete wall/foundation	020	Structure 5	NA	NAD	NA
19	Blue 4” gasket	021	Structure 9	NA	NAD	NA
20	Black 8” gasket	022	Structure 9	NA	NAD	NA
21	Grey concrete block walls	023	Structure 9	NA	NAD	NA
22	Grey concrete foundation	024	Structure 9	NA	NAD	NA

HA	Material Description	Sample ID	HA Locations	Approx. Quantity	Asbestos Content	NESHAP Category
23	Red 12” gasket	025	Structure 9	NA	NAD	NA
24	Red 6” gasket	026	Structure 9	NA	NAD	NA
25	Black 6” gasket	027	Structure 9	NA	NAD	NA
26	Black rectangle gasket	028	Structure 9	NA	NAD	NA
27	Black asphalt rolled-roofing membrane system	029-030	Structure 9	NA	NAD	NA
28	Grey lightweight concrete roof decking	031-032	Structure 9	NA	NAD	NA
29	Brown cellulose roof decking	033	Structure 9	NA	NAD	NA
30	**Black asphalt roof perimeter flashing**	**034**	**Structure 9**	**300 SF**	**2% Chrysotile (in mastic)**	**Category I**
31	Black asphalt roof penetration flashing	035	Structure 9	NA	NAD	NA
32	Black caulking around roof penetration flashing	036	Structure 9	NA	NAD	NA
33	Tan exterior stucco finish	037	Structure 9	NA	NAD	NA
34	Grey caulking around tanks/silos base	038-039	Structure 10	NA	NAD	NA

HA	Material Description	Sample ID	HA Locations	Approx. Quantity	Asbestos Content	NESHAP Category
35	Grey flexible coating inside tanks/silos	040	Structure 10	NA	NAD	NA
36	Grey concrete walkways	041	Structure 10	NA	NAD	NA
37	Grey concrete foundation inside tanks/silos	042	Structure 10	NA	NAD	NA
38	Black 24” gasket	043	Structure 7	NA	NAD	NA
39	Red 20” gasket	044	Structure 7	NA	NAD	NA
40	Red 36” gasket	045	Structure 7	NA	NAD	NA
41	Red 8 gasket	046	Structure 7	NA	NAD	NA
42	Grey caulking around concrete pillars	047	Structure 7	NA	NAD	NA
43	Grey concrete foundations	048	Structure 7	NA	NAD	NA
44	Grey concrete pillars	049	Structure 7	NA	NAD	NA
45	Grey concrete walkways	050	Structure 7	NA	NAD	NA
46	Black 36” gasket	051	Structure 6 – Gallery	NA	NAD	NA

HA	Material Description	Sample ID	HA Locations	Approx. Quantity	Asbestos Content	NESHAP Category
47	Black 24" gasket	052	Structure 6 – Gallery	NA	NAD	NA
48	Black 30" gasket	053	Structure 6 – Gallery	NA	NAD	NA
49	Tan ceramic filter plates	054-055	Structure 6 – Roof	NA	NAD	NA
50	White grout of ceramic filter plates	056-057	Structure 6 - Roof	NA	NAD	NA

NA = Not Applicable NAD = No Asbestos Detected VFT = Vinyl Floor Tile SF = Square Feet CT = Ceiling Tile
HA = Homogenous Area TSI = Thermal System Insulation VCB = Vinyl Cove Base LF = Linear Feet

Quantities are approximate.

See Appendix A for asbestos laboratory analysis report.

Note: gasket dimensions presented in the descriptions above were based upon a visual field estimates of pipe fitting diameters and not pipe runs.

6.0 LEAD-BASED PAINT SURVEY RESULTS

The table below presents materials descriptions, sample identifications, homogenous areas and lead content.

Material Description	Location(s)	Sample ID	Lead Concentration (% by weight)	Quantity
Beige concrete walls	Structure 1 – Thickener Tank	Pb-001	< 0.008	NA
Red metal piping	Structure 1 – Aboveground Piping	Pb-002	0.045	NA
Blue metal piping	Structure 8b – Aboveground Piping	Pb-003	< 0.008	NA
Orange metal handrail	**Structure 3 – Stairs**	**-**	**-**	**Approx. 5,000 LF**
	Structure 6 – Roof	**-**	**-**	
	Structure 7 – Top of Tanks/Silos	**-**	**-**	
	Structures 8a & 8b – Around Pits	**Pb-004**	**5.2**	
	Structure 9 – Roof	**-**	**-**	
	Structure 10 – Top of Tanks/Silos	**-**	**-**	
	Structure 13 – Top of Structure	**-**	**-**	
	Structure 14 – Top of Tank	**Pb-007**	**2.8**	

Material Description	Location(s)	Sample ID	Lead Concentration (% by weight)	Quantity
Red metal piping	Structure 14 – Aboveground Piping	Pb-005	< 0.008	NA
Beige metal tank	Structure 14 – Reclaim Tank	Pb-006	< 0.008	NA
Beige metal tank	Structure 11 – Chlorine Tank	Pb-008	< 0.008	NA
Yellow metal bollards	**Structure 5 – Parking Bollards**	-	-	**Approx. 55 LF**
	Structure 9 – Parking Bollards	-	-	
	Structure 10 – Parking Bollards	-	-	
	Structure 11 – Parking Bollards	**Pb-009**	**8.1**	
Beige metal doorframe	Structure 12 – Double Doorway	Pb-010	0.0083	NA
Yellow metal crane	**Structure 12 – Crane/Hoist**	**Pb-011**	**7.2**	**Approx. 70 LF**
Beige metal piping	Structure 9 – Interior Piping	Pb-012	< 0.008	NA
Beige metal I-beam	Structure 9 – Interior I-beams	Pb-013	< 0.008	NA
Grey metal door	Structure 9 – Door	Pb-014	< 0.012	NA
Beige concrete block/stucco walls	Structure 9 – Exterior	Pb-015	< 0.008	NA

Material Description	Location(s)	Sample ID	Lead Concentration (% by weight)	Quantity
Grey concrete foundation inside tanks/silos	Structure 10 – Tanks/Silos Foundation	Pb-016	< 0.008	NA
Grey coating on metal tanks/silos	Structure 10 – Tanks/Silos Interior	Pb-017	< 0.008	NA
Beige metal tanks/silos	Structure 10 – Tanks/Silos Exterior	Pb-018	< 0.008	NA
Red metal ladder cage	**Structure 10 – Tanks/Silos Ladder Cage**	**Pb-019**	**1.4**	**Approx. 50 LF**
Beige metal tanks/silos	Structure 7 – Tanks/Silos	Pb-020	< 0.008	NA
Yellow metal piping	Structure 7 – Piping	Pb-021	< 0.008	NA
Dark blue metal piping and pump mounts	Structure 7 – Piping and Pump Mounts	Pb-022	< 0.008	NA
Light blue on concrete pillars	Structure 7 – Concrete Pillars	Pb-023	0.0082	NA
Light green on metal piping	**Structure 6 – Metal Piping in Gallery**	**Pb-024**	**0.54**	**Approx. 50 LF**
Light green on concrete walls	Structure 6 – Roof Filter Area	Pb-025	< 0.008	NA

LF = Linear Feet

Quantities are approximate and presented in linear feet. Total square feet of LBP does not equate to linear feet quantified.

See Appendix B for lead laboratory analysis report.

7.0 CONCLUSIONS

Results of the pre-demolition/renovation survey are as follows:

7.1 Regulated Asbestos Containing Materials (RACM)

None (0) of the building materials sampled were identified as RACM.

7.2 Category I Non-Friable Asbestos Containing Materials

The following building materials were identified as Category I ACM.

- Black asphalt roofing perimeter flashing – Structure 9

7.3 Category II Non-Friable Asbestos Containing Materials

The following building materials were identified as Category I ACM.

- Grey exterior caulking around double-doorway – Structure 12

7.4 Lead-Based Paint

The following building components were indented to contain LBP.

- Orange metal handrails – Structures 3, 6, 7, 8a, 8b, 9, 10, 13 & 14
- Yellow metal parking bollards – Structures 5, 9, 10 & 11
- Light green metal piping – Structure 6 Gallery
- Red metal ladder cage – Structure 10
- Yellow metal crane/hoist – Structure 12

7.5 Universal Wastes

The following materials were identified as universal/hazardous wastes.

- 4-foot fluorescent light bulbs – Structures 9 & 10
- 8-foot fluorescent light bulbs – Structure 9
- Wall mounted fire extinguisher – Structure 9
- Unknown content inside tanks/silos – Structure 10
- Unknown content inside tank – Structure 11

8.0 ASBESTOS RECOMMENDATIONS

The following recommendations are presented based upon laboratory analysis results.

8.1 Category I Non-Friable Asbestos Containing Materials

Category I Nonfriable ACM may remain in place during wet demolition, provided that it remains nonfriable. However, if demolition activities crush, pulverize, abrade and/or dissolves the matrix of the material(s) and render it friable, these material(s) must be abated by a Florida-licensed Asbestos Contractor. If the materials(s) can remain intact during wet demolition, the contractor must still follow NESHAP guidelines, as well as OSHA training and protection requirements.

8.2 Category II Non-Friable Asbestos Containing Materials

Category II Nonfriable ACM may remain in place during wet demolition, provided that it remains nonfriable. However, if demolition activities crush, pulverize, abrade and/or dissolves the matrix of the material(s) and render it friable, these material(s) must be abated by a Florida-licensed Asbestos Contractor. If the materials(s) can remain intact during wet demolition, the contractor must still follow NESHAP guidelines, as well as OSHA training and protection requirements.

8.3 General Recommendations

- If other structures at Subject Location are to be impacted during demolition activities, an asbestos survey of these areas will be required. Suspect materials discovered after this survey should be sampled and analyzed to determine asbestos content, and appropriate response actions should be initiated.

- A walk-through of the Subject Location should be conducted with the Owner/Owners representative and the demolition contractor prior to demolition activities. The demolition contractor should be provided a copy of this NESHAP Pre-Demolition Asbestos Survey Report, and should inspect the Subject Location for any unidentified ACM. All suspect materials should be sampled and analyzed before the start of demolition activities.

- Demolition activities shall be conducted in accordance with 40 CFR Part 61, Subpart M (NESHAP). It is recommended that contractor personnel receive a copy of EPA guidance on wet methods for asbestos removal and demolition, as well as the EPA guidance document on demolition practices under the asbestos NESHAP.

- The Hillsborough County Environmental Protection Commission (EPC) requires notification of intent to demolish. Notification must be sent at least 10 working days prior to the start of demolition activities. The general contractor should also keep a copy of this survey report at the demolition site during the entire project as proof of compliance with NESHAP regulations.

9.0 LEAD-BASED PAINT RECOMMENDATIONS

OSHA considers measurable quantities of lead in paints/coatings to be "lead-containing", and a potential source of work exposure. Laboratory analysis did identify "lead-containing" paint in areas planned for renovation. In order to comply with OSHA lead regulation 29 CFR 1926.62, this report should be made available to personnel that will conduct paint-related operations in the Subject Location. This regulation considers coatings that contain measurable amounts of lead to be "lead-containing" and mandates protective measures when a painting and/or renovation project involves the disturbance of painted components in such a way that it may cause airborne emissions of lead particulate (*i.e*, sanding, scraping, grinding, etc.). These protective measures include: hazard communication training, personnel protective equipment (PPE) (*i.e.,* respirators, protective suits, gloves, etc.), engineering controls and exposure monitoring, until results of the monitoring documents airborne lead concentrations below the Action Level (AL) of 30 micrograms per cubic meter ($\mu g/m^3$) over an eight-hour time weighted average (TWA). In lieu of the above protective measures, renovation personnel may provide objective historical data from previous similar projects in order to demonstrate that the Action Level (AL) for lead will not be exceeded.

Prior to demolition, a "waste stream characterization" should be performed on representative samples of waste materials, based upon the volume of waste to be generated. The samples should be collected in accordance with ASTM International method E1908-16 *"Standard Guide for Sample Selection of Debris Waste from a Building Renovation or Lead Abatement Project for Toxicity Characteristic Leaching Procedure (TCLP) Testing for Leachable Lead (Pb)"*. The waste stream samples must be characterized by TCLP testing in accordance with Environmental Protection Agency (EPA) Method 1311. The EPA requires TCLP testing to determine if the waste is considered to be either hazardous (and must be disposed of at a special disposal site), or non-hazardous waste and may be disposed of in a standard landfill. The TCLP is used to simulate the transfer of lead from buried lead-containing waste into the ground water supply, upon co-disposal of the lead-containing waste and municipal solid waste in an unlined solid-waste landfill. For some materials such as steel or mostly metal components, recycling at a certified recycling facility is another alternative. Additional soil sampling (pre and post) for lead contamination may be warranted if the structure is to be removed to grade level.

10.0 UNIVERSAL WASTE RECOMMENDATIONS

The universal waste materials identified should be recycled or disposed of by a licensed environmental waste hauler/landfill prior to demolition activities.

Unknown contents inside tanks/silos should be evaluated for content or confirmed to be empty prior to demolition activities. If content is observed inside the silos/tanks, appropriate disposal should be conducted by a licensed waste hauler/landfill prior to demolition activities.

11.0 DEFINITIONS

Asbestos-Containing Material (ACM) - Asbestos-containing materials, as defined by National Emission Standards for Hazardous Air Pollutants (NESHAP), are materials that have an asbestos content of greater than 1 percent.

Homogeneous Area (HA) - Consists of material that is the same in color, texture, date of application and general appearance, and it may overlap adjacent functional spaces.

Friable Material - Materials that can be crumbled or reduced to a powder using normal hand pressure. Non-friable material is too hard to be crumbled or reduced to a powder without the use of tools. Non-friable materials may become friable if abraded or broken.

Surfacing Material - Materials applied by spray or trowel are classified as surfacing materials. Asbestos was used in a variety of surfacing materials for fireproofing, acoustic dampening, condensation control and decorative purposes. Surfacing materials that contain asbestos usually occur as fireproofing on steel-frame members, textured ceilings, or acoustic plaster ceilings.

Thermal System Insulation (TSI) - Chilled water, hot water, and steam-generating mechanical systems are frequently insulated with materials that contain asbestos. Pipes may be insulated with a nonasbestos-containing material, but have mastic or plastered joints that contain asbestos. Insulation materials that contain asbestos are generally found in boiler rooms and chiller rooms, in pipe chases in walls, in pipe runs above suspended ceilings, or in crawl spaces under buildings. Insulation covered with an undamaged jacket or wrap is classified as nonfriable. Adhesives used to hold insulation in place or provide an airtight seal are also nonfriable materials. Most other types of thermal insulation are friable.

Miscellaneous Material - Miscellaneous building materials are materials that are used for finishing of interior spaces, or adhesive materials applied to building materials and roofs. These materials have been manufactured with asbestos for strength enhancement, fire retardation, condensation control, acoustical dampening, or corrosion resistance. The most common type of friable miscellaneous material is ceiling tile. Most other miscellaneous materials are nonfriable materials such as vinyl floor tile, adhesives, and cementitious panels (Transite™).

Roof Field Membrane - The predominant part of the roof deck, applied directly to the roof substrate over an intermediate insulating layer and is comprised of all non-flashed areas. It usually consists of alternating layers of rolled-out felts and hot tar, covered with more hot tar and gravel. The asbestos, if found, is in one or more of the layers of tar or may be in the felts themselves.

Roof Edge Flashing - This component consists of a cold bull/pitch applied to the substrate around the perimeter of a flat roof deck. An additional 8" - 12" of felt is applied to the bull/pitch to seal the edge of the roof substrate before a 4" - 6" piece of metal drip guard is placed over these materials to counterflash and protect against wind and rain. The field membrane felts are then blended in with the inner edge to conform with the rest of the roof. The asbestos, if found, is in the layers of bull/pitch, tar, or may be in the flashing felts themselves.

Roof Wall Base/Parapet Flashing - This component consists of a cold bull/pitch applied to the roof substrate, adjoining wall base, fan/vent, scupper trough, hatch, chimney, or raised parapet wall. An additional 12" - 48" of felt (often painted silver) is applied to the bull/pitch to seal the edges of the roof substrate, wall(s), or the side or top of the concrete parapet wall. The field membrane felts are then blended in with the inner edge to conform with the rest of the roof. The asbestos, if found, is in the layers of bull/pitch, tar, or may be in the flashing felts themselves.

Roof Fixture Flashing - This component consists of a cold bull/pitch applied to the roof substrate around one of the following fixtures: roof drain, vent-thru-roof stack (VTR), pitch pan, gooseneck vents, mechanical equipment supports and/or other types of roof penetrations. Additional sheet metal counterflashing (extending 4" - 24" from the center) may be applied to the bull/pitch to seal the edges to the roof substrate. The field membrane felts are placed over up to the fixture sides to conform with the rest of the roof. The asbestos, if found, is in the layers of bull/pitch, tar, or may be in the flashing felts themselves.

Regulated ACM (RACM) - ACM that is friable or likely to become friable during renovation or demolition activities is considered to be RACM. These materials must be removed from buildings prior to renovation or demolition activities that will disturb them.

Category I Non-Friable ACM - Resilient flooring, such as vinyl floor tile and rolled vinyl sheeting, valve packings and gaskets, and asphalt (bituminous) roofing materials are classified as Category I Non-friable materials. If these materials are in good condition, they are not likely to become friable during demolition, and therefore, may remain in place for demolition. However, these materials must be removed prior to renovations if the renovation involves alteration that would render them friable.

Category II Non-Friable ACM - Category II materials are other nonfriable materials that are not classified as Category I. Asbestos cement products and plaster are the most common types of Category II materials. Most Category II materials are likely to become friable during demolition, and therefore, must be removed prior to demolition. These materials must be removed prior to renovations if the renovation involves alteration that would render them friable.

Universal Waste - Universal waste is a category of waste materials designated as "hazardous waste", but containing materials that are very common. Federal regulations identify five specific categories of materials that can be managed as universal wastes: batteries, pesticides, mercury-containing equipment, lamps and aerosol cans.

APPENDIX A

ASBESTOS LABORATORY ANALYSIS REPORTS AND CHAIN OF CUSTODY FORMS

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EMSL Order:	342214111
Customer ID:	GBTT42
Customer PO:	
Project ID:	

Attention:	John LeJeune	**Phone:**	(813) 287-1005
	Gallagher Bassett Technical Services	**Fax:**	(813) 287-8545
	4350 West Cypress St, Suite 300	**Received Date:**	07/12/2022 9:58 AM
	Tampa, FL 33607	**Analysis Date:**	07/14/2022 - 07/15/2022
		Collected Date:	07/08/2022
Project:	22009-0142 Morris Bridge		

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
001 *342214111-0001*	Thickner Tank - Large - Concrete Wall W/Surface	Gray Non-Fibrous Homogeneous		30% Quartz 15% Ca Carbonate 55% Non-fibrous (Other)	None Detected
002 *342214111-0002*	Thickner Tank - Small - Concrete Wall W/Surface	Gray Non-Fibrous Homogeneous		30% Quartz 15% Ca Carbonate 55% Non-fibrous (Other)	None Detected
003 *342214111-0003*	Thickner Tank - 20" Fitting - Red Gasket	Tan/Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
004 *342214111-0004*	Thickner Tank - 20" Fitting - White Caulking	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
005 *342214111-0005*	Thickner Tank - 8" Fitting - Red Gasket	Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
006 *342214111-0006*	Thickner Tank - Large - Concrete Walkway	Gray Non-Fibrous Homogeneous		30% Quartz 15% Ca Carbonate 55% Non-fibrous (Other)	None Detected
007 *342214111-0007*	Thickner Tank - Small 8" Fitting - Black Gasket	Tan/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
008 *342214111-0008*	N. Prill Pit - Concrete Walls	Gray Non-Fibrous Homogeneous		30% Quartz 15% Ca Carbonate 55% Non-fibrous (Other)	None Detected
009 *342214111-0009*	S. Prill Pit - Concrete Walls	Gray Non-Fibrous Homogeneous		30% Quartz 15% Ca Carbonate 55% Non-fibrous (Other)	None Detected
010 *342214111-0010*	Reclaim Tank 36" Fitting - Black Gasket	Black Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
011 *342214111-0011*	Reclaim Tank 12" Fitting - Red Gasket	Tan/Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
012 *342214111-0012*	Reclaim Tank Adjacent Structure - Concrete Walls	Gray Non-Fibrous Homogeneous		30% Quartz 15% Ca Carbonate 55% Non-fibrous (Other)	None Detected
013 *342214111-0013*	Reclaim Tank Above Ground Piping - Concrete Pad	Gray Non-Fibrous Homogeneous		30% Quartz 15% Ca Carbonate 55% Non-fibrous (Other)	None Detected
014 *342214111-0014*	Chlorine Building - Concrete Block Wall	Gray Non-Fibrous Homogeneous		30% Quartz 15% Ca Carbonate 55% Non-fibrous (Other)	None Detected
015 *342214111-0015*	Chlorine Building Double Doors - White Interior Caulking	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
016 *342214111-0016*	Chlorine Building Double Doors - Grey Exterior Caulking	Gray Non-Fibrous Homogeneous		94% Non-fibrous (Other)	6% Chrysotile

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
017 *342214111-0017*	Chlorine Building Exterior Wall - Concrete Surfacing	Gray Non-Fibrous Homogeneous		30% Quartz 15% Ca Carbonate 55% Non-fibrous (Other)	None Detected
018 *342214111-0018*	Thickner Small 1 - Concrete Wall/Pad	Gray Non-Fibrous Homogeneous		30% Quartz 15% Ca Carbonate 55% Non-fibrous (Other)	None Detected
019 *342214111-0019*	Thickner Area - Small 2 - Concrete Wall/Pad	Gray Non-Fibrous Homogeneous		30% Quartz 15% Ca Carbonate 55% Non-fibrous (Other)	None Detected
020 *342214111-0020*	Thickner Area - Small 3 - Concrete Wall/Pad	Gray/White Non-Fibrous Homogeneous		30% Quartz 15% Ca Carbonate 55% Non-fibrous (Other)	None Detected
021 *342214111-0021*	Chemical Feed Bld. 4" Sensor - Blue Gasket	Green Non-Fibrous Homogeneous	5% Fibrous (Other)	95% Non-fibrous (Other)	None Detected
022 *342214111-0022*	Chemical Feed Bld. 8" Fitting - Black Gasket	Black Non-Fibrous Homogeneous	8% Synthetic	92% Non-fibrous (Other)	None Detected
023 *342214111-0023*	Chemical Feed Bld. 8" Fitting - Concrete Block W/Coating	Gray Non-Fibrous Homogeneous		30% Quartz 15% Ca Carbonate 55% Non-fibrous (Other)	None Detected
024 *342214111-0024*	Chemical Feed Bld. 8" Fitting - Concrete Slab Floor	Gray/White Non-Fibrous Homogeneous		30% Quartz 15% Ca Carbonate 55% Non-fibrous (Other)	None Detected
025 *342214111-0025*	Chemical Feed Bld. Bottom Tanks - 12" Red Gasket	White/Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
026 *342214111-0026*	Chemical Feed Bld. Bottom Tanks - 6" Red Gasket	Gray/Red Non-Fibrous Homogeneous		15% Ca Carbonate 85% Non-fibrous (Other)	None Detected
027 *342214111-0027*	Chemical Feed Bld. Top Tanks - 6" Black Gasket	Black Non-Fibrous Homogeneous	8% Cellulose	92% Non-fibrous (Other)	None Detected
028 *342214111-0028*	Chemical Feed Bld. Top Tanks - Black Rectangle Gasket	Tan/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
029-Membrane *342214111-0029*	Chemical Feed Bld. - Black Roof Membrane System	Black Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
029-Felt *342214111-0029A*	Chemical Feed Bld. - Black Roof Membrane System	Black Non-Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
029-Tar *342214111-0029B*	Chemical Feed Bld. - Black Roof Membrane System	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
030-Membrane *342214111-0030*	Chemical Feed Bld. - Black Roof Membrane System	Black Non-Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
030-Tar *342214111-0030A*	Chemical Feed Bld. - Black Roof Membrane System	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
030-Insulation *342214111-0030B*	Chemical Feed Bld. - Black Roof Membrane System	Brown Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
031 *342214111-0031*	Chemical Feed Bld. - Grey Lightweight Decking	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
032 *342214111-0032*	Chemical Feed Bld. - Grey Lightweight Decking	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
033 *342214111-0033*	Chemical Feed Bld. - Brown Cellulos Decking	Black Fibrous Homogeneous	15% Cellulose	10% Perlite 75% Non-fibrous (Other)	None Detected
034-Flashing *342214111-0034*	Chemical Feed Bld. - Black Roof Perimeter Flashing	Black Non-Fibrous Homogeneous	8% Glass	92% Non-fibrous (Other)	None Detected
034-Shingle *342214111-0034A*	Chemical Feed Bld. - Black Roof Perimeter Flashing	Brown/White Non-Fibrous Homogeneous	3% Glass	97% Non-fibrous (Other)	None Detected
034-Felt *342214111-0034B*	Chemical Feed Bld. - Black Roof Perimeter Flashing	Black Non-Fibrous Homogeneous	75% Glass	25% Non-fibrous (Other)	None Detected
034-Tar *342214111-0034C*	Chemical Feed Bld. - Black Roof Perimeter Flashing	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
034-Mastic *342214111-0034D* *Residual Material Included In The Analysis.*	Chemical Feed Bld. - Black Roof Perimeter Flashing	Gray/Black Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
035-Flashing *342214111-0035*	Chemical Feed Bld. - Black Roof Penetration Flashing	Black Non-Fibrous Homogeneous	8% Glass	92% Non-fibrous (Other)	None Detected
035-Shingle *342214111-0035A*	Chemical Feed Bld. - Black Roof Penetration Flashing	Brown/White Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
035-Felt *342214111-0035B*	Chemical Feed Bld. - Black Roof Penetration Flashing	Black Non-Fibrous Homogeneous	80% Glass	20% Non-fibrous (Other)	None Detected
035-Tar *342214111-0035C*	Chemical Feed Bld. - Black Roof Penetration Flashing	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
036 *342214111-0036*	Chemical Feed Bld. - Black Caulking On Roof Pere.	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
037 *342214111-0037*	Chemical Feed Bld. Doorway - Exterior Stucco Finish	Tan Non-Fibrous Homogeneous		30% Quartz 15% Ca Carbonate 55% Non-fibrous (Other)	None Detected
038 *342214111-0038*	Chemical Feed Bld. Silos - Caulking Around Silo Base	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
039 *342214111-0039*	Chemical Feed Bld. Silos - Caulking Around Silo Base	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
040 *342214111-0040*	Chemical Feed Bld. Silos - Flexible Coating Inside Silo	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
041 *342214111-0041*	Chemical Feed Bld. Silos - Concrete Walkway	Gray Non-Fibrous Homogeneous		30% Quartz 15% Ca Carbonate 55% Non-fibrous (Other)	None Detected
042 *342214111-0042*	Chemical Feed Bld. Silos - Interior Concrete Foundation	Gray/White Non-Fibrous Heterogeneous		30% Quartz 15% Ca Carbonate 55% Non-fibrous (Other)	None Detected

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Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
043 *342214111-0043*	Tank Farm Area 24" Fitting - Black Gasket	Black Non-Fibrous Homogeneous	8% Cellulose	92% Non-fibrous (Other)	None Detected
044 *342214111-0044*	Tank Farm Area 20" Fitting - Red Gasket	Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
045 *342214111-0045*	Tank Farm Area 36" Fitting - Red Gasket	Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
046 *342214111-0046*	Tank Farm Area 8" Fitting - Red Gasket	Gray/Red Non-Fibrous Homogeneous		15% Ca Carbonate 85% Non-fibrous (Other)	None Detected
047 *342214111-0047*	Tank Farm Area - Grey Caulking Around Pillars	Gray/Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
048 *342214111-0048*	Tank Farm Area - Concrete Foundations	Gray Non-Fibrous Homogeneous		30% Quartz 15% Ca Carbonate 55% Non-fibrous (Other)	None Detected
049 *342214111-0049*	Tank Farm Area - Concrete Pillars	Gray Non-Fibrous Homogeneous		30% Quartz 15% Ca Carbonate 55% Non-fibrous (Other)	None Detected
050 *342214111-0050*	Tank Farm Area - Concrete Walkways	Gray Non-Fibrous Homogeneous		30% Quartz 15% Ca Carbonate 55% Non-fibrous (Other)	None Detected
051 *342214111-0051*	Filter Bld. Gallery 36" Fitting - Black Gasket	Black Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
052 *342214111-0052*	Filter Bld. Gallery 24" Fitting - Black Gasket	Black Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
053 *342214111-0053*	Filter Bld. Gallery 30" Fitting - Black Gasket	Black/Green Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
054 *342214111-0054*	Filter Bld. Roof - Tan Ceramic Filter	Tan Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
055 *342214111-0055*	Filter Bld. Roof - Tan Ceramic Filter	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
056 *342214111-0056*	Filter Bld. Roof - White Grout For Ceramic Filter	Gray Non-Fibrous Homogeneous		30% Quartz 15% Ca Carbonate 55% Non-fibrous (Other)	None Detected
057 *342214111-0057*	Filter Bld. Roof - White Grout For Ceramic Filter	Gray Non-Fibrous Homogeneous		30% Quartz 15% Ca Carbonate 55% Non-fibrous (Other)	None Detected

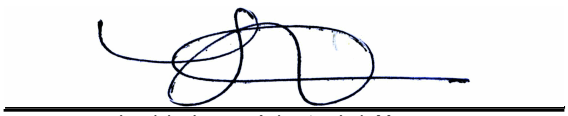
Initial report from: 07/15/2022 14:05:27

EMSL Analytical, Inc.
3303 PARKWAY CENTER COURT Orlando, FL 32808
Tel/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com / orlandolab@emsl.com

EMSL Order:	342214111
Customer ID:	GBTT42
Customer PO:	
Project ID:	

Analyst(s)

Jessicka Lopez (8)
Jordan Woodside (3)
Laura Vera (57)



Jessicka Lopez, Asbestos Lab Manager
or Other Approved Signatory

Initial report from: 07/15/2022 14:05:27

OrderID: 342214111

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Bulk Building Materials - Chain of Custody

EMSL Order Number / Lab Use Only: 342214111

EMSL Analytical, Inc.
3303 Parkway Center Court
Orlando, FL 32808
PHONE: (407) 599-5887
EMAIL: orlandolab@emsl.com

3

Customer Information		Billing Information	
Customer ID:		Billing ID:	
Company Name:	Gallagher Bassett Technical Services	Company Name:	Gallagher Bassett Technical Services
Contact Name:	John LeJeune	Billing Contact:	John LeJeune
Street Address:	4350 W. Cypress Street, Suite 300	Street Address:	4350 W. Cypress Street, Suite 300
City, State, Zip:	Tampa FL 33607 Country: US	City, State, Zip:	Tampa FL Country: US
Phone:	8134507393	Phone:	8134507393
Email(s) for Report:	john_lejeune@gbtpa.com	Email(s) for Invoice:	

Project Information

Project Name/No:	22009-0142 Morris Bridge	Purchase Order:	
EMSL LIMS Project ID: (If applicable, EMSL will provide)		US State where samples collected: FL	State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-Taxable)
Sampled By Name: John LeJeune	Sampled By Signature:	Date Sampled: 7/8/22	No. of Samples in Shipment: 57

Turn-Around-Time (TAT)

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 32 Hour ☐ 48 Hour ☒ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11 30am.

Test Selection

PLM - Bulk (reporting limit)

- ☒ PLM EPA 600/R-93/116 (<1%)
- ☐ PLM EPA NOB (<1%)
- ☐ POINT COUNT
  - ☐ 400 (<0.25%) ☐ 1,000 (<0.1%)
- ☐ POINT COUNT w/ GRAVIMETRIC
  - ☐ 400 (<0.25%) ☐ 1,000 (<0.1%)
- ☐ NIOSH 9002 (<1%)
- ☐ NYS 198.1 (Friable - NY)
- ☐ NYS 198.6 NOB (Non-Friable - NY)
- ☐ NYS 198.8 (Vermiculite SM-V)

TEM - Bulk

- ☐ TEM EPA NOB
- ☐ NYS NOB 198.4 (Non-Friable - NY)
- ☐ TEM EPA 600/R-93/116 w Milling Prep (0.1%)

Other Tests (please specify)

☐ Positive Stop - Clearly Identified Homogeneous Areas (HA)

Sample Number	HA Number	Sample Location	Material Description
001	1	Thickener Tank - large	Concrete wall w/ Surface
002	1	Thickener Tank - small	↓
003	2	" " 20" Fitting	Red gasket
004	3	" " " "	White caulking
005	4	" " 8" Fitting	Red gasket
006	5	" " - large	Concrete walkway
007	6	" " - small 8" Fitting	Black gasket
008	7	N. Drill Pit	Concrete walls
009	7	S. Drill Pit	Concrete walls
010	8	Reclaim Tank 36" Fitting	Black gasket

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Method of Shipment: UPS Overnight		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time: 7/11/2022	Received by: 9:58	Date/Time: JUL 12 2022
Relinquished by:	Date/Time:	Received by:	Date/Time

Controlled Document - Asbestos Bulk R7 9/14/2021

☐ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

OrderID: 342214111

EMSL ANALYTICAL, INC.
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Asbestos Bulk Building Materials - Chain of Custody

EMSL Order Number / Lab Use Only

342214111

EMSL Analytical, Inc.
3303 Parkway Center Court
Orlando, FL 32808
PHONE: (407) 599-5887
EMAIL. orlandolab@emsl.com

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Sample Number	HA Number	Sample Location	Material Description
011	9	Reclaim Tank 12" fitting	Red gasket
012	10	" " adjacent structure	Concrete walls
013	11	" " above ground piping (AGP)	Concrete Pad
014	12	Chlorine Building	Concrete block wall
015	13	" " Double Doors	White interior caulking
016	14	" " " "	Grey exterior caulking
017	15	" " Exterior Wall	Concrete surfacing
018	16	~~Exterior~~ Thickener Small 1	Concrete ~~wall/pad~~
019	17	Thickener Area - Small 2	Concrete wall/pad
020	18	" " " 3	Concrete wall/pad
021	19	Chemical Feed Bld. 4" sensor	Blue gasket
022	20	" " " 8" fitting	Black gasket
023	21	" " "	Concrete block w/ coating
024	22	" " "	Concrete slab floor
025	23	" " " bottom tanks 12"	Red gasket
026	24	" " " " " 6"	Red gasket
027	25	" " " top tanks 6"	Black gasket
028	26	" " " top tanks	Black rectangle gasket
029	27	" " "	Black roof membrane system
030	27	" " "	Black roof membrane system
031	28	" " "	Grey lightweight decking
032	28	" " "	Grey lightweight decking
033	29	" " "	Brown cellulos decking
034	30	" " "	Black roof penetration flashing
035	31	" " "	Black roof penetration flashing

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time: 7/11/2022	Received by:	Date/Time
Relinquished by:	Date/Time:	Received by:	Date/Time

Controlled Document - Asbestos Bulk R7 09/14/2021

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OrderID: 342214111

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Asbestos Bulk Building Materials - Chain of Custody

EMSL Order Number / Lab Use Only

342214111

EMSL Analytical, Inc.
3303 Parkway Center Court
Orlando, FL 32808
PHONE: (407) 599-5887
EMAIL: orlandolab@emsl.com

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Sample Number	HA Number	Sample Location	Material Description
036	32	Chemical Feed Bld.	Black caulking on roof perc
037	33	" " " Doorway	Exterior stucco finish
038	34	~~Chemical Feed Bld~~ Silos	Caulking around silo base
039	34	" " " "	Caulking around silo base
040	35	" " " "	Flexible coating inside silo
041	36	" " " "	Concrete walkway
042	37	" " " "	Exterior concrete foundation
043	38	Tank Farm Area 24" fitting	Black gasket
044	39	" " " 20" fitting	Red gasket
045	40	" " " 36" fitting	Red gasket
046	41	" " " 8" fitting	Red gasket
047	42	" " "	Grey caulking around pillars
048	43	" " "	Concrete foundations
049	44	" " "	Concrete pillars
050	45	" " "	Concrete walkways
051	46	Filter Bld. Gathering 36" fitting	Black gasket
052	47	" " " 24" fitting	Black gasket
053	48	" " " 30" fitting	Black gasket
054	49	" " Roof	Tan ceramic filter
055	49	" " "	Tan ceramic filter
056	50	" " "	White grout for ceramic filter
057	50	" " "	White grout for ceramic filter

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time: 7/11/2022	Received by	Date/Time
Relinquished by:	Date/Time:	Received by	Date/Time

Controlled Document - Asbestos Bulk R7 09/14/2021

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APPENDIX B

LEAD LABORATORY ANALYSIS REPORTS AND CHAIN OF CUSTODY FORMS

EMSL Analytical, Inc.
3303 PARKWAY CENTER COURT, Orlando, FL 32808
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order:	342214084
CustomerID:	GBTT42
CustomerPO:	
ProjectID:	

Attn: **John LeJeune**
Gallagher Bassett Technical Services
4350 West Cypress St, Suite 300
Tampa, FL 33607

Phone:	(813) 287-1005
Fax:	(813) 287-8545
Received:	7/12/2022 09:46 AM
Collected:	7/8/2022

Project: **22009-0142 Morris Bridge**

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)*

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Weight*	*Lead Concentration*
Pb-001	*342214084-0001*	7/8/2022	7/12/2022	0.2617 g	<0.0080 % wt
	Site: Beige On Thickener Tank Concrete				
Pb-002	*342214084-0002*	7/8/2022	7/12/2022	0.2759 g	0.045 % wt
	Site: Red On Thickener Tank Pipe				
Pb-003	*342214084-0003*	7/8/2022	7/13/2022	0.2547 g	<0.0080 % wt
	Site: Blue On Prill Pit Pipe				
Pb-004	*342214084-0004*	7/8/2022	7/12/2022	0.2643 g	5.2 % wt
	Site: Orange On Prill Pit Railing				
Pb-005	*342214084-0005*	7/8/2022	7/12/2022	0.2639 g	<0.0080 % wt
	Site: Red On Reclaim Piping				
Pb-006	*342214084-0006*	7/8/2022	7/12/2022	0.2880 g	<0.0080 % wt
	Site: Beige On Reclaim Tank Metal				
Pb-007	*342214084-0007*	7/8/2022	7/12/2022	0.2986 g	2.8 % wt
	Site: Orange On Reclaim Tank Railing				
Pb-008	*342214084-0008*	7/8/2022	7/12/2022	0.2713 g	<0.0080 % wt
	Site: Beige On Chlorine Tank				
Pb-009	*342214084-0009*	7/8/2022	7/12/2022	0.2744 g	8.1 % wt
	Site: Yellow On Chlorine Tank Posts				
Pb-010	*342214084-0010*	7/8/2022	7/12/2022	0.2638 g	0.0083 % wt
	Site: Beige On Chlorine Bld Doorframe				
Pb-011	*342214084-0011*	7/8/2022	7/12/2022	0.2893 g	7.2 % wt
	Site: Yellow On Chlorine Bld Crane				
Pb-012	*342214084-0012*	7/8/2022	7/12/2022	0.2774 g	<0.0080 % wt
	Site: Beige On Chlorine Bld Pipe				
Pb-013	*342214084-0013*	7/8/2022	7/12/2022	0.2640 g	<0.0080 % wt
	Site: Beige On Chlorine Bld. I - Beam				
Pb-014	*342214084-0014*	7/8/2022	7/12/2022	0.1732 g	<0.012 % wt
	Site: Grey On Chlorine Bld Door				
Pb-015	*342214084-0015*	7/8/2022	7/12/2022	0.2759 g	<0.0080 % wt
	Site: Beige On Chlorine Bld Black / Stucco				

Heather Ohye, Metals Manager
or other approved signatory

Initial report from 07/14/2022 17:55:05

EMSL Analytical, Inc.
3303 PARKWAY CENTER COURT, Orlando, FL 32808
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order:	342214084
CustomerID:	GBTT42
CustomerPO:	
ProjectID:	

Attn: **John LeJeune**
Gallagher Bassett Technical Services
4350 West Cypress St, Suite 300
Tampa, FL 33607

Phone:	(813) 287-1005
Fax:	(813) 287-8545
Received:	7/12/2022 09:46 AM
Collected:	7/8/2022

Project: **22009-0142 Morris Bridge**

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)*

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Weight*	*Lead Concentration*
Pb-016	*342214084-0016*	7/8/2022	7/12/2022	0.2991 g	<0.0080 % wt
	Site: Grey Interior Base On Chlorine Silo				
Pb-017	*342214084-0017*	7/8/2022	7/12/2022	0.2570 g	<0.0080 % wt
	Site: Grey Interior Coating On Chlorine Silo				
Pb-018	*342214084-0018*	7/8/2022	7/12/2022	0.2580 g	<0.0080 % wt
	Site: Beige Exterior On Chlorine Silo				
Pb-019	*342214084-0019*	7/8/2022	7/12/2022	0.2617 g	1.4 % wt
	Site: Red Ladder Cage On Silo				
Pb-020	*342214084-0020*	7/8/2022	7/12/2022	0.2574 g	<0.0080 % wt
	Site: Beige On Tank / Pipe Tank Farm				
Pb-021	*342214084-0021*	7/8/2022	7/12/2022	0.2679 g	<0.0080 % wt
	Site: Yellow On Metal Pipe Tank Farm				
Pb-022	*342214084-0022*	7/8/2022	7/12/2022	0.2511 g	<0.0080 % wt
	Site: Dark Blue On Old Pump Tank Farm				
Pb-023	*342214084-0023*	7/8/2022	7/12/2022	0.3040 g	0.0082 % wt
	Site: Light Blue On Concrete Pillar Tank Farm				
Pb-024	*342214084-0024*	7/8/2022	7/12/2022	0.2828 g	0.54 % wt
	Site: Light Green On Filter Bld Pipe				
Pb-025	*342214084-0025*	7/8/2022	7/12/2022	0.2908 g	<0.0080 % wt
	Site: Light Green On Filter Bld Roof Wall				

Heather Ohye, Metals Manager
or other approved signatory

Initial report from 07/14/2022 17:55:05

OrderID: 342214084

EMSL ANALYTICAL, INC.
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Lead Chain of Custody

EMSL Order Number / Lab Use Only

342214084

EMSL Analytical, Inc.
3303 Parkway Center Court
Orlando, FL 32808
PHONE: (407) 599-5887
EMAIL: orlandolab@emsl.com

Customer Information		Billing Information	
Customer ID:		Billing ID:	
Company Name:	Gallagher Bassett Technical Services	Company Name:	Gallagher Bassett Technical Services
Contact Name:	John LeJeune	Billing Contact:	John LeJeune
Street Address:	4350 W. Cypress Street, Suite 300	Street Address:	4350 W. Cypress Street, Suite 300
City, State, Zip:	Tampa FL 33607	City, State, Zip:	Tampa FL 33607
Country:	US	Country:	US
Phone:	8134507393	Phone:	8134507393
Email(s) for Report:	john_lejeune@gbtpa.com	Email(s) for Invoice:	

Project Information

Project Name/No: 22009-0142 Morris Bridge

Purchase Order:

EMSL LIMS Project ID: (If applicable, EMSL will provide)

US State where samples collected: FL

State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-Taxable)

Sampled By Name: John LeJeune

Sampled By Signature:

No. of Samples in Shipment

Turn-Around-Time (TAT)

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 32 Hour ☐ 48 Hour ☒ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11:30am.

MATRIX	METHOD	INSTRUMENT	REPORTING LIMIT	SELECTION
CHIPS ☒ % by wt. ☐ ppm (mg/kg) ☐ mg/cm*	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	☒
*Reporting Limit based on a minimum 0.25g sample weight	SW 846-6010D*	ICP-OES	0.0004% (4ppm)	☐
AIR	NIOSH 7082	Flame Atomic Absorption	4µg/filter	☐
	NIOSH 7300M / NIOSH 7303M	ICP-OES	0.5µg/filter	☐
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/filter	☐
WIPE ☐ ASTM ☐ NON-ASTM	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	☐
*If no box is checked, non-ASTM Wipe is assumed	SW 846-6010D*	ICP-OES	1.0µg/wipe	☐
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
TTLC	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
STLC	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)	☐
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
Wastewater	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
Unpreserved ☐ / Preserved with HNO3 ☐ PH<2	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	☐
Drinking Water	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	☐
Unpreserved ☐ / Preserved with HNO3 ☐ PH<2	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	☐
Other:				☐

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
Pb-001	Beige on Thickener Tank Concrete	NA	7/8/2022
Pb-002	Red on Thickener Tank Pipe	NA	
Pb-003	Blue on Drill Pit pipe	NA	
Pb-004	Orange on Drill Pit railing	NA	
Pb-005	Red on Reclaim piping	NA	

Method of Shipment: UPS Overnight

Sample Condition Upon Receipt:

Relinquished by:	Date/Time:	Received by:	Date/Time
John LeJeune	7/11/2022	9:58	JUL 12 2022
Relinquished by:	Date/Time:	Received by:	Date/Time

Controlled Document - COC-25 Lead R16 4/19/2021

*6010C Available Upon Request

☐ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

OrderID: 342214084

EMSL ANALYTICAL, INC.
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Lead Chain of Custody

EMSL Order Number / Lab Use Only

342214084

EMSL Analytical, Inc.
3303 Parkway Center Court
Orlando, FL 32808
PHONE: (407) 599-5887
EMAIL: orlandolab@emsl.com

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
Pb-006	Beige on Reclaim Tank Metal	NA	7/8/2022
Pb-007	Orange on Reclaim Tank Railing	NA	
Pb-008	Beige on Chlorine Tank	NA	
Pb-009	Yellow on Chlorine Tank posts	NA	
Pb-010	Beige on Chlorine Bld doorframe	NA	
Pb-011	Yellow on Chlorine Bld crane	NA	
Pb-012	Beige on Chlorine Bld pipe	NA	
Pb-013	Beige on Chlorine Bld. I-beam	NA	
Pb-014	Grey on Chlorine Bld door	NA	
Pb-015	Beige on Chlorine Bld blck/stucco	NA	
Pb-016	Grey interior ~~coating~~ base on Chlorine silo	NA	
Pb-017	Grey interior coating on Chlorine silo	NA	
Pb-018	Beige exterior on Chlorine silo	NA	
Pb-019	Red ladder cage on silo	NA	
Pb-020	Beige on tank/pipe Tank Farm	NA	
Pb-021	Yellow on metal pipe Tank Farm	NA	
Pb-022	Dark blue on old pump Tank Farm	NA	
Pb-023	Light blue on concrete pillar Tank Farm	NA	
Pb-024	Light green on filter Bld pipe	NA	
Pb-025	Light green on filter Bld Roof well	NA	

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time: 7/11/2022	Received by:	Date/Time
Relinquished by:	Date/Time:	Received by:	Date/Time

Controlled Document - COC-25 Lead R16 4/19/2021

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APPENDIX C

PHOTOGRAPH LOG

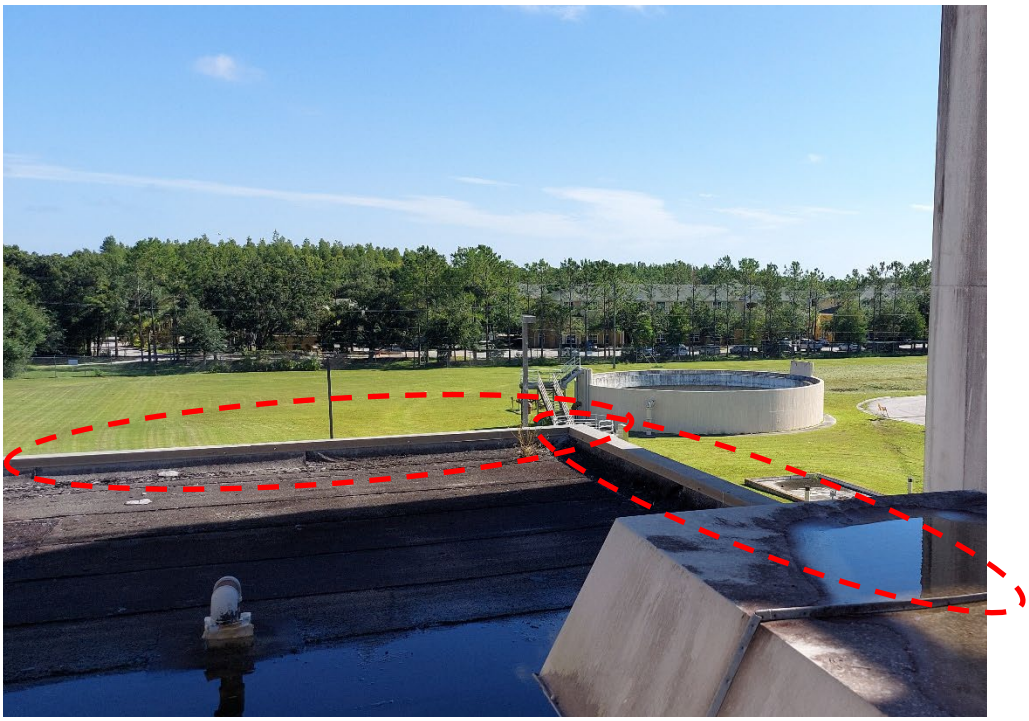

Photo 1 – ACM black asphalt roofing perimeter flashing on Structure 9

Photo 2 – ACM grey exterior doorway caulking on Structure 12

Photo 3 – LBP orange metal handrail on Structure 3

Photo 4 – LBP yellow metal parking bollards on Structure 5

Photo 5 – LBP orange metal handrails on roof of Structure 6

Photo 6 – LBP orange metal handrails on top of Structure 7

Photo 7 – LBP orange metal handrails around Structures 8a & 8b

Photo 8 – Yellow metal parking bollards of Structure 9

Photo 9 – LBP orange metal handrails on roof of Structure 9

Photo 10 – LBP yellow on metal parking bollards of Structure 10

Photo 11 – LBP orange metal handrails on top of tanks/silos of Structure 10

Photo 12 – LBP yellow metal parking bollards around Structure 11

Photo 13 – LBP yellow metal crane/hoist inside Structure 12


Photo 14 – LBP orange handrails on top of Structures 13 & 14

Photo 15 – Fluorescent light fixture with four-foot bulb

Photo 16 – Fluorescent light fixture with eight-foot bulbs (bulbs on ground)

Photo 17 – wall mounted fire extinguisher

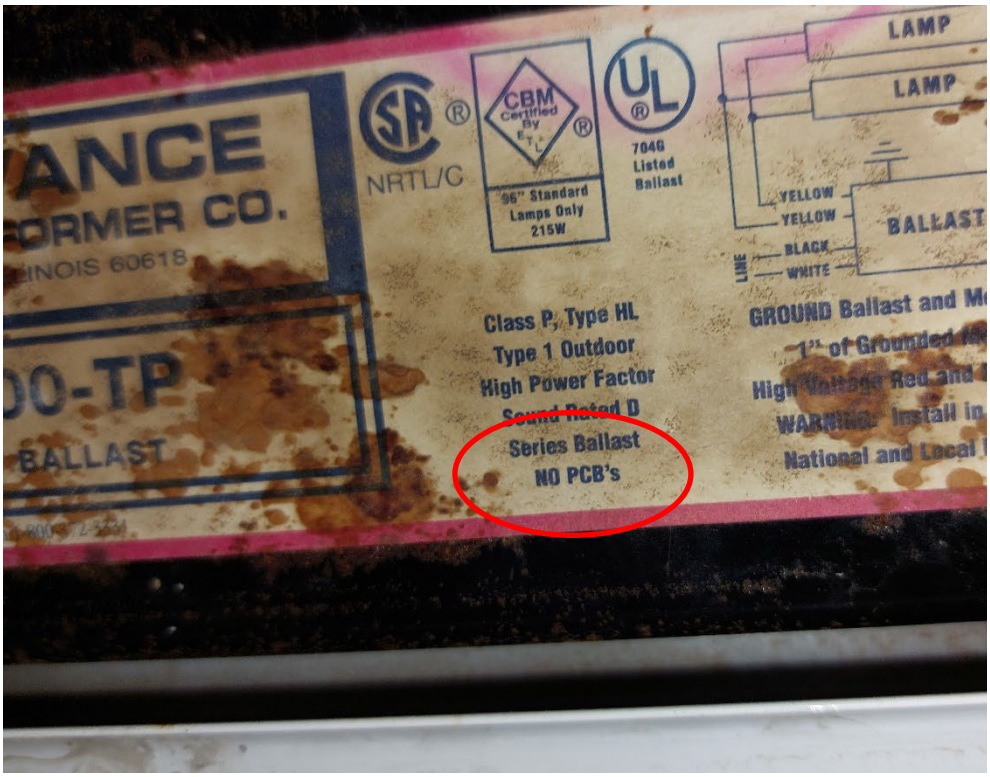

Photo 18 – "No PCB" labeling on all lighting ballasts observed

Photo 19 – Fluorescent light fixture with four-foot bulb

Photo 20 – "No PCB" labeling on all lighting ballasts observed

Photo 21 – Safety placard on tank/silo identified content as Calcium Oxide

Photo 22 – "Chlorine Tank" labeled "Anhydrous Ammonia" in field

APPENDIX D

LICENSES / CERTIFICATIONS

VRET

Vern Roberts Environmental Training, Inc.

13987 94th Avenue N Seminole, FL 33776
727-239-1445

Certifies that

JOHN BARKEY

Has satisfactorily completed the requisite training for asbestos accreditation under TSCA TITLE II, EPA Model Accreditation Plan (40CFR763 E) for the 4-hour Inspector (Survey & Mechanical) Refresher Course on 6/19/2021, and in testimony whereof, we do confer this certificate at Seminole, Florida on 6/19/2021.

Date of Course: 6/19/2021 Expiration Date 6/19/2022
Certificate # 06192102AM
Course # FL49-0006322 Provider # FL49-0003810

INSTRUCTOR

Ron DeSantis, Governor

Melanie S. Griffin, Secretary

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

ASBESTOS LICENSING UNIT

THE ASBESTOS CONSULTANT HEREIN IS LICENSED UNDER THE
PROVISIONS OF CHAPTER 469, FLORIDA STATUTES

LEJEUNE, JOHN CHARLES JR

GALLAGHER BASSETT SERVICES INC
7646 BLUE SPRING DRIVE
LAND O' LAKES FL 34637

LICENSE NUMBER: AX100

EXPIRATION DATE: NOVEMBER 30, 2022

Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.

United States Environmental Protection Agency

This is to certify that

John C LeJeune

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226 as:

Risk Assessor

In the Jurisdiction of:

All EPA Administered Lead-based Paint Activities Program States, Tribes and Territories

This certification is valid from the date of issuance and expires November 17, 2023

LBP-R-I181220-2

Certification #

October 11, 2020

Issued On

Adrienne Priselac, Manager, Toxics Office

Land Division

Ron DeSantis, Governor

Julie I. Brown, Secretary

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

ASBESTOS LICENSING UNIT

THE ASBESTOS BUSINESS ORGANIZATION HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 469, FLORIDA STATUTES

GALLAGHER BASSETT SERVICES INC

5751 MIAMI LAKES DRIVE
MIAMI LAKES FL 33014

LICENSE NUMBER: ZA548

EXPIRATION DATE: NOVEMBER 30, 2023

Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.

United States Environmental Protection Agency

This is to certify that

Gallagher Bassett Services, Inc

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226

In the Jurisdiction of:

All EPA Administered Lead-based Paint Activities Program States, Tribes and Territories

This certification is valid from the date of issuance and expires September 22, 2022

LBP-10142-2

Certification #

August 28, 2019

Issued On

Michelle Price, Chief

Lead, Heavy Metals, and Inorganics Branch

United States Department of Commerce
National Institute of Standards and Technology

Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101151-0

EMSL Analytical, Inc.

Orlando, FL

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2022-07-01 through 2023-06-30

Effective Dates

For the National Voluntary Laboratory Accreditation Program

National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EMSL Analytical, Inc.
3303 Parkway Center Court
Orlando, FL 32808
Jessicka Lopez
Phone: 407-599-5887 X3464
Email: jmlopez@emsl.com
http://www.emsl.com

ASBESTOS FIBER ANALYSIS — NVLAP LAB CODE 101151-0

Bulk Asbestos Analysis

Code	*Description*
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

Code	*Description*
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

For the National Voluntary Laboratory Accreditation Program

AIHA Laboratory Accreditation Programs, LLC

acknowledges that

EMSL Analytical, Inc.

3303 Parkway Center Ct Orlando, FL 32808-1040

Laboratory ID: LAP-163563

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA LAP), LLC accreditation to the ISO/IEC 17025:2017 international standard, General Requirements for the Competence of Testing and Calibration Laboratories in the following:

LABORATORY ACCREDITATION PROGRAMS

☑	**INDUSTRIAL HYGIENE**	Accreditation Expires: February 01, 2024
☑	**ENVIRONMENTAL LEAD**	Accreditation Expires: February 01, 2024
☑	**ENVIRONMENTAL MICROBIOLOGY**	Accreditation Expires: February 01, 2024
☐	**FOOD**	Accreditation Expires:
☐	**UNIQUE SCOPES**	Accreditation Expires:
☐	**BERYLLIUM FIELD/MOBILE**	Accreditation Expires:

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached Scope of Accreditation. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2017 and AIHA LAP, LLC requirements. This certificate is not valid without the attached Scope of Accreditation. Please review the AIHA LAP, LLC website (www.aihaaccreditedlabs.org) for the most current Scope.

Cheryl O Morton
Managing Director, AIHA Laboratory Accreditation Programs, LLC

Revision19.1: 07/28/2021

Date Issued: 01/31/2022

AIHA Laboratory Accreditation Programs, LLC

SCOPE OF ACCREDITATION

EMSL Analytical, Inc.
3303 Parkway Center Ct Orlando, FL 32808-1040

Laboratory ID: LAP-163563
Issue Date: 01/31/2022

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or withdrawal of accreditation.

Industrial Hygiene Laboratory Accreditation Program (IHLAP)

Initial Accreditation Date: 02/01/2020

IHLAP Scope Category	Field of Testing (FOT)	Technology sub-type/Detector	Published Reference Method/Title of In-house Method	Component, parameter or characteristic tested
Spectrometry Core	Inductively-Coupled Plasma	ICP/MS	EPA SW-846 6020A	Metals
Spectrometry Core	Inductively-Coupled Plasma	ICP/MS	NIOSH 7300	Metals

A complete listing of currently accredited IHLAP laboratories is available on the AIHA LAP, LLC website at: *http://www.aihaaccreditedlabs.org*