Hazardous Materials Investigation Report
Grand Canyon South Rim Wastewater Treatment Plant

Task Order #148045100

CJSeto Project #2910

November 2023

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Introduction:

The National Park Service entered into contract with Jacobs Government Services Company (Jacobs) under Contract 140P2023D0006 in connection with Projects D3167666 NPS GRCA SOUTH RIM WWTP REPL. Jacobs subcontracted the hazardous materials investigation services for the proposed improvements at the South Rim Wastewater Treatment Plant Complex (South Rim WWTP) to CJSeto Support Services, LLC (CJSeto) under Task Order 148045100.

The hazardous materials investigation at the Grand Canyon South Rim Wastewater Treatment Plant Complex (South Rim WWTP) was performed on October 16 - 18, 2023. The hazardous materials investigations were performed by CJSeto personnel:

- Asbestos inspection and sampling; lead-based paint survey and sampling; PCB, and other hazardous materials investigations was performed by Kathryn DeCosta (Indiana Asbestos Inspector License #19A007726, expiration: 10/19/2024; Indiana Lead Inspector License # IND001636, expiration 11/27/2024).
- Lead-based paint sampling and survey was assisted by Gene Conway.

The South Rim WWTP is located approximately 0.5-mile south of the intersection of Well Road and West Rim Drive, in Grand Canyon National Park, Coconino County, Arizona and consists of three main buildings: the Operations/Admin Building, Pretreatment Building, and Reclamation Building, including an attached pipe gallery connecting the Operations Building to the Pretreatment Building adjacent to the aeration tanks. Other adjacent structures including concrete sludge drying beds, aeration tanks, flow equalization basins, clarifiers, seven (7) storage sheds, and six (6) Connex-shipping containers were also included in the scope of this investigation. As-built and other historical drawings indicate that the South Rim WWTP facility was constructed in the mid-70s, with renovations and additions in the 1980s. Building materials appeared homogenous throughout all three main buildings.

The inspections and surveys at the South Rim WWTP were performed as complete building inspections/surveys to include all reasonably accessible interior, exterior, and roof areas of all buildings. Confined spaces such as the interior of tanks and pits were not inspected except visually where possible. This investigation should not be considered the definitive source for the identification of all hazardous materials present at the sites. Materials are often hidden inside pipe chases, inside walls, above ceilings, and are sometimes not discovered until building demolition or renovation is underway. Destructive investigation was not performed during this investigation. The following areas were noted as inaccessible during this investigation:

- Attic spaces under pitched roofs of the Pretreatment and Reclamation BLDGs
- Wall cavity present in the southeast corner of the water lab
- Inside digester area of Pretreatment building
- Exhaust piping inside restroom of Control BLDG may be lined with suspect materials
- Did not inspect electrical system of the building – based on apparent age, it is possible that ACM components such as molded electrical base and arc insulators are present

inside fuse/panel boxes and suspect cloth/woven-type wire insulation may be present inside conduit.

Sampling and Inspection Methodology and Inspection Objectives

Asbestos:

Asbestos inspection methodology included a thorough inspection of all reasonably accessible areas within the project scope to cover any suspect building materials that could be disturbed during demolition or renovation activities. Each suspect material identified during the inspection was assigned a Homogeneous Area (HA) number. Bulk samples of any suspect materials observed were collected for laboratory analysis. Asbestos Containing Material (ACM) is defined as a material containing greater than one percent asbestos content. Materials that could not be sampled because sampling would have caused permanent damage to the integrity or functionality of the material or associated component were assumed to contain asbestos. Sampling of assumed ACM must be performed to rebut the assumption. Sample locations and identified ACM locations are illustrated on drawings included in **Attachment III**.

Bulk samples of suspect materials collected during the inspection were submitted to EMSL Analytical, Inc. (EMSL) in Indianapolis, IN and were analyzed for asbestos using Polarized Light Microscopy (PLM) method EPA600/R-93/116. EMSL is accredited by the United States Department of Commerce, National Institute of Standards and Technology (NVLAP) for Asbestos Fiber Analysis for Bulk and Airborne asbestos analysis. Samples with an initial PLM result of <10% asbestos were point counted. Gravimetric reduction preparation was used for materials with tightly bound matrixes.

This asbestos inspection was performed in accordance with the United States Environmental Protection Agency's (USEPA) Asbestos National Emission Standard for Hazardous Air Pollutants (NESHAP) – 40 CFR 61 Subpart M. Where applicable, it was also performed in accordance with: Occupational Safety and Health Administration's (OSHA) Construction Industry Asbestos Standard – 29 CFR1926.1101; and with USEPA's Asbestos Hazard Emergency Response Act (AHERA) – 40 CFR 763 Subpart E. This inspection meets the definition of a "thorough inspection" set forth by NESHAP as required for commercial buildings prior to intentional burning, building demolition, or renovation. NESHAP requires these inspections *regardless of the age* of the building.

Lead-based Paint:

The lead-based paint sampling survey methodology included a thorough survey of all painted surfaces within the project scope. A paint chip sample was collected from each different painted surface identified during the survey and then submitted for laboratory analysis. The objective of the survey was to identify all lead-based paint surfaces within the survey scope. Paint was sampled representatively and only one paint sample was collected for multiple locations where the paint was applied and appeared to be homogeneous.

Lead-based paint is defined as paint, varnish, shellac, or other surface coating that contains lead equal to or greater than 5,000 parts per million (ppm).

Paint chip samples collected during the survey were submitted to EMSL and were analyzed for lead in paint using Flame Atomic Absorption (FLAA) method SW 846 7000B. EMSL is accredited by the American Industrial Hygiene Association (AIHA) for lead laboratory services under strict chain of custody protocol.

Bulk paint chips sample of some painted surfaces could not be collected because paint was too thinly applied to collect a sample. These surfaces include factory applied finishes such as powder coats. These surfaces were sampled using 3M Lead-check Swabs that indicate the presence of lead in paint >600 ppm.

The lead-based paint sampling survey was performed in accordance with USEPA's Lead-based Paint Hazards – 40CFR 745 Subpart D, with OSHA's Construction Industry Lead Standard – 29 CFR 1926.62, and with the United States Consumer Product Safety Commission 1 CFR 1303.

PCBs and Other Hazardous Materials:
The field investigation for PCBs and other hazardous materials focused on the storage and condition of hazardous materials, universal wastes, radioactive sources, ozone depleting substances, and suspect equipment that could contain PCBs.

Asbestos Findings and Recommendations:

Table I included in **Attachment I** provides an inspection results summary for asbestos. The table describes all suspect materials identified and sampled during the inspection; provides material locations, quantities, and conditions; and defines the appropriate NESHAP Category of each ACM material identified.

The following ACM may remain in/on the building during demolition/renovation as long as the following apply: the materials to which ACMs are adhered (concrete/wood/metal) are not recycled/reclaimed; the ACMs are removed intact and are declared and disposed of at a construction and demolition (C&D) or asbestos landfill; and the materials are not subjected to cutting, grinding, scraping, abrading, sanding, burning (torch cutting), drilling or any other action that may render the materials friable or create resultant dust that may become airborne: Local and state regulations may require stricter protocols.

- *Black tar sealant over flashing around roof penetrations on Control BLDG, Pretreatment BLDG, and Storage BLDG #6 – contains 2.5% Chrysotile asbestos.*

The following ACM must be removed (abated) by properly licensed abatement personnel prior to demolition or renovation activities and may not be subjected to cutting, grinding, scraping, abrading, sanding, burning (torch cutting), drilling or any other action that may render the materials friable.

- *Transite panels in Control BLDG: exhaust pipe housing in SE corner of restroom (floor to ceiling) and lining the inside of the fume hood along the south wall of the main lab – contains 20% Chrysotile asbestos*

The following material contains trace amounts of asbestos (<1.0%) as verified by point count analysis: Because the asbestos content of this material is point count verified below 1%, it is, by definition, not ACM and is therefore exempt under EPA NESHAP regulations for removal by licensed personnel prior to demolition or renovation. Although this material is not classified as ACM and removal would not be classified under OSHA's definitions of Class I or II asbestos removal, it is not an asbestos-free materials and OSHA's Construction Industry Standard requires certain provisions for workers disturbing these materials. These provisions are cited in 29 CFR 1926.1101(g)(1)(ii) and (iii) and include proper training, wet methods, dust control measures, and prompt cleanup and disposal of waste in leak tight containers. Employers must ensure that the OSHA Permissible Exposure Levels (PEL) set forth in 29 CFR 1926.1101 are not exceeded.

- *Gray flexible sealant around doorframes and lower masonry walls of Operations, Pretreatment, and Reclamation BLDGs*

The follow material is assumed ACM and should either be sampled by destructive methods to rebut the assumption, or removed prior to demolition or renovation activities if they could become disturbed during such activities:

- *Flexible HVAC duct joints in Control BLDG: basement and south storage room HVAC ductwork; Pretreatment BLDG: HVAC ductwork in blower room; Reclamation BLDG: on HVAC ductwork*

The following materials observed during the inspection were designated as non-suspect for asbestos by the AHERA accredited asbestos inspector. These materials do not contain asbestos:

- Black rubber foam pipe insulation throughout the facility
- Pink fiberglass batt insulation inside walls and above ceilings in attic spaces throughout the facility
- ISO and foam board insulation panels on roof of digester under EPDM rubber membrane
- Metal fire-rated doors containing white Styrofoam insulation

Lead-based Paint Findings and Recommendations:

Table II included in **Attachment I** provides a survey sampling results summary for paint. The table describes all paint color schemes, locations, laboratory results in ppm, and paint conditions.

Four (4) painted surfaces were identified as lead-based paint.

Peeling and flaking paint should be removed by properly trained and licensed lead abatement contractors. Lead-safe practices should be employed during demolition or renovation activities to ensure that permissible exposure levels (PELs) set forth by OSHA are not exceeded.

Though not paint, leaded pipe fittings in older cast iron drain piping were observed in the Control Building basement below the restroom.

PCBs and Other Hazardous Materials Findings

- All lighting appeared to be newer style LED lights. Though not observed or suspected to be present at the complex, fluorescent light bulbs can contain mercury vapors, these bulbs are identified with a circled "Hg" symbol. In addition, fluorescent lights have internal components, such as ballasts that can contain PCBs. Light housings were not disassembled to determine if ballasts were present. Non-PCB light ballasts are identified with a "No PCBs" sticker. Ballasts without this identification should be assumed to contain PCBs and properly disposed of as Toxic Substances Control Act (TSCA) waste.
- Though not observed, flow measuring equipment such as venturi meters and pressure gauges could contain elemental mercury.
- ***Radioactive sources***: A total of (6) self-luminous exit signs were observed in the Control, Pretreatment, and Reclamation buildings. The U.S. Nuclear Regulatory Commission (NRC) requires that these exit signs are disposed of at licensed low-level radioactive waste disposal facility, or transferred to a specific NRC licensee such as a manufacturer or distributor of tritium exit signs. These signs cannot be disposal of as regular waste.

Forever-Lite Tritium gas self-luminous exit sign in Control BLDG

No other radioactive sources were identified – no ionization smoke detectors, or any kind of smoke/heat detectors were observed at the site.

- The following equipment should be investigated for oils that could potentially contain PCBs:

- Large green pad-mounted transformer on the northeast side of the site. Unit was live and secured during the investigation and the age of the unit could not be determined. Unit should be checked for "No PCBs" labeling on the inside.

Pad mounted transformer on northeast side of site

- Pre-1979 oil reservoirs inside various air compressors, blower motors, and pumps throughout Control, Pretreatment, and Reclamation buildings.

- The South Rim WWTP complex contains multiple locations of various hazardous materials storage including sodium bisulfate solution, chlorine compressed gas cylinders, aluminum chlorohydrate polymer, and flammables storage. Some of these present a concern based on the condition of the storage areas:
  1) Caustic Magnesium Hydroxide storage and residue on floor of Pretreatment BLDG:

Magnesium hydroxide storage and residue on floor in Pretreatment BLDG

2) Sodium bisulfate solution storage and severely corroded ferrous components in the basement of the Reclamation building.

Basement of Reclamation BLDG: corrosion on metal electrical conduit

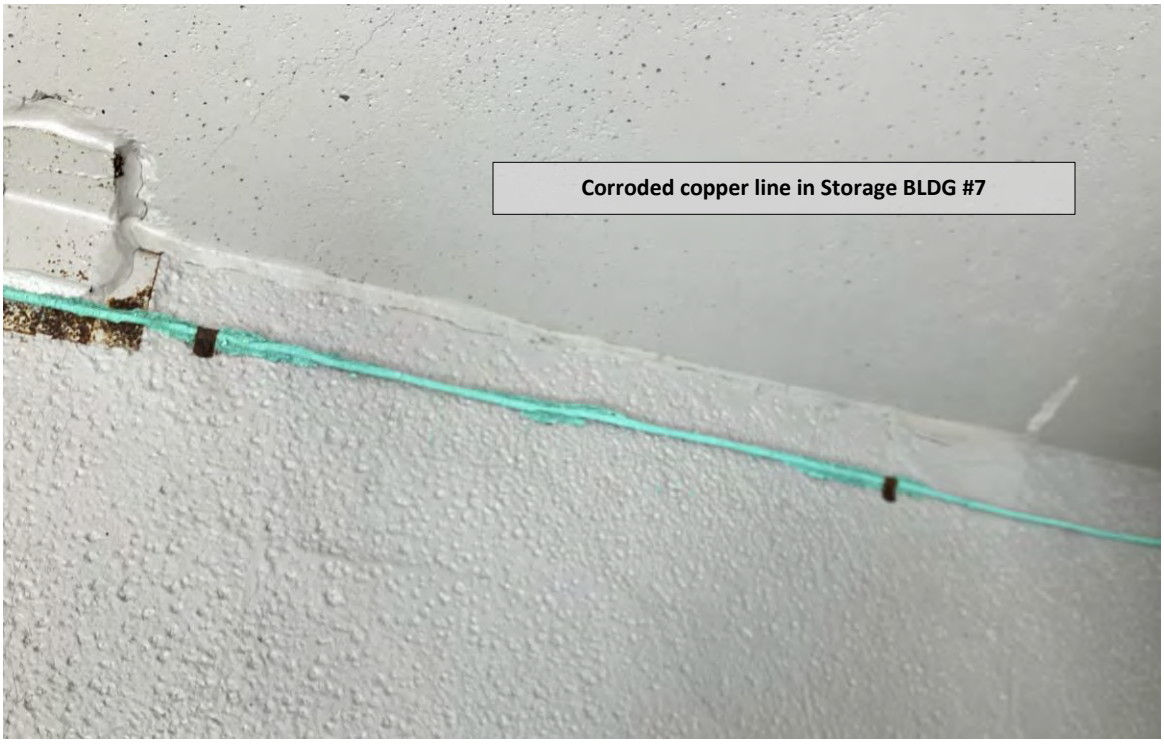
Basement of Reclamation BLDG: corrosion on metal electrical conduit

Basement of Reclamation BLDG: sodium bisulfate storage and secondary containment

3) Mouse droppings and possible Hantavirus hazard in Storage BLDG#3:

Mouse dropping in Storage Building #3, floor in back room

4) Corroded copper in Storage BLDG #7 (Sodium bisulfate storage)



Attachment I:

Asbestos and Paint Results Summary Tables

Table #I: Asbestos Inspection Results Summary, South Rim Wastewater Treatment Plant Complex							
HA#	**Sample ID**	**Material Description**	**Material Location(s)**	**Sample Result**	**Material Quantity**	**Condition**	**NESHAP Category**
1	CONHA1-001, CONHA1-002	2'x4' ceiling panel, white w/ small gouges and pinholes	Control BLDG: suspended ceiling in reception and hallway lab	None Detected	N/A	N/A	N/A
2	CONHA2-001, CONHA2-002	12"x12" floor tile, white w/ gray flecks	Control BLDG: floors in reception, hallway lab, water lab, main lab, and lab #2	None Detected	N/A	N/A	N/A
3	CONHA3-001, CONHA3-002	12"x12" floor tile, white w/ large gray flecks	Control BLDG: floor in restroom	None Detected	N/A	N/A	N/A
4	CONHA4-001, CONHA4-002	Tan floor tile mastic	Control BLDG: under HA3 floor tiles in restroom	None Detected	N/A	N/A	N/A
5	CONHA5-001, CONHA5-002	Brown-tan cove base mastic	Control BLDG: behind rubber cove base in reception, restroom, and all lab areas	None Detected	N/A	N/A	N/A
6	CONHA6-001, CONHA6-002	Tan floor tile mastic	Control BLDG: under HA2 floor tiles in reception, hallway lab, water lab, main lab, and lab #2	None Detected	N/A	N/A	N/A
7	CONHA7-001, PREHA7-002, EXTHA7-003, EXTHA7-004, EXTHA7-005, EXTHA7-006, EXTHA7-007, ST7HA7-008, ST4HA7-009	Concrete	Various concrete pads, sidewalks, buildings, and structures throughout complex	None Detected	N/A	N/A	N/A
8	CONHA8-001, CONHA8-002	2'x4' ceiling panel, white w/ large irregular gouges	Control BLDG: suspended ceilings in water lab, main lab, and lab# 2	None Detected	N/A	N/A	N/A
9	**CONHA9-001**	**Transite panel**	**Control BLDG: Exhaust pipe housing in SE corner of restroom (floor to ceiling) and lining the inside of the hood along the south wall of the main lab**	**20% Chrysotile**	**66 Sq. Ft.**	**Intact - no damage observed**	**Cat. II, Non-friable**
10	CONHA10-001, CONHA10-002, CONHA10-003	Plaster (Base coat and skim coat)	Control BLDG: ceiling above suspended ceiling in water lab	None Detected	N/A	N/A	N/A
11	CONHA11-001, CONHA11-001	Black laboratory counter top	Control BLDG: laboratory counter tops in main lab and lab #2	None Detected	N/A	N/A	N/A
12	CONHA12-001, CONHA12-002	White sink undercoating	Control BLDG: on underside of stainless sink in hallway lab	None Detected	N/A	N/A	N/A
13	CONHA13-001, CONHA13-002, CONHA13-003	5/8" drywall composite	Control BLDG: ceiling above suspended ceiling in main lab and lab #2; ceiling in office, electrical room, and south storage room, ; enclosed area in SE corner of water lab	None Detected	N/A	N/A	N/A
14	CONHA14-001	2'x4' ceiling panel, white with gouges and pinholes	Control BLDG: (2) replacement panels in suspended ceiling in lab #2	None Detected	N/A	N/A	N/A
15	CONHA15-001	2'x4' ceiling panel, white with fissure and pinholes	Control BLDG: (1) replacement panel in suspended ceiling in main lab	None Detected	N/A	N/A	N/A
16	CONHA16-001, PREHA16-002	Corrugated paper inside metal fire doors	Inside metal fire-rated doors of Control BLDG, Pretreatment BLDG, and Reclamation BLDG	None Detected	N/A	N/A	N/A
17	CONHA17-001, RECHA17-002, PREHA17-003	Red CMU block	Interior and exterior CMU walls on Control BLDG, Pretreatment BLDG, and Reclamation BLDG	None Detected	N/A	N/A	N/A

Table #I: Asbestos Inspection Results Summary, South Rim Wastewater Treatment Plant Complex							
18	CONHA18-001, RECHA18-002, PREHA18-003	CMU mortar	Interior and exterior CMU walls on Control BLDG, Pretreatment BLDG, and Reclamation BLDG	None Detected	N/A	N/A	N/A
19	CONHA19-001, CONHA19-002	Gray structural asphalt roofing shingles	Roof of Control BLDG	None Detected	N/A	N/A	N/A
20	CONHA20-001, CONHA20-002	Black roofing felt	Roof of Control BLDG, under shingles	None Detected	N/A	N/A	N/A
21	CONHA21-001, CONHA21-002	Black ice/water shield	Roof of Control BLDG, under shingles and roofing felt	None Detected	N/A	N/A	N/A
22	CONHA22-001, CONHA22-002	Black fibrous expansion joint sheeting	Around exterior of Control BLDG, between building and sidewalks	None Detected	N/A	N/A	N/A
23	CONHA23-001, CONHA23-002	Gray HVAC sealant	Over sheet metal joints on HVAC ductwork n Control BLDG: basement HVAC and HVAC in south storage room	None Detected	N/A	N/A	N/A
24	CONHA24-001, PREHA24-002, RECHA24-003	Black flange gasket	Inside piping flanges for various piping throughout Control BLDG, Pretreatment BLDG, Reclamation BLDG, and Pipe Gallery	None Detected	N/A	N/A	N/A
25	PREHA25-001, RECHA25-002	Green-gray structural asphalt roofing shingle	Roof of Pretreatment and Reclamation BLDGs	None Detected	N/A	N/A	N/A
26	PREHA26-001, PREHA26-002	Black roofing felt	Roof of Pretreatment BLDG, under HA25 shingles	None Detected	N/A	N/A	N/A
27	**PREHA27-001, ST6HA27-002**	**Black tar sealant**	**Over flashing around roof penetrations on Control BLDG, Pretreatment BLDG, Storage BLDG #6**	**2.5% Chrysotile**	**4 sq. ft.**	**Intact - 5% damaged from weathering**	**Cat. I, Non-friable**
28	PREHA28-001, RECHA28-002	Black felt sheeting	Behind exterior wood siding on Control BLDG, Pretreatment BLDG, and Reclamation BLDG	None Detected	N/A	N/A	N/A
29	PREHA29-001, PREHA29-002	Large flat gasket	Pretreatment BLDG, on Spencer blower units in blower room	None Detected	N/A	N/A	N/A
30	**PREHA30-001, CONHA30-002, RECHA30-003**	**Light gray flexible sealant**	**Around doorframes and inside vertical wall joints of lower masonry walls on Control BLDG, Pretreatment BLDG, and Reclamation BLDG**	**TRACE: 0.5 - 0.9% Chrysotile**	**150 LF**	**Intact - 10% damaged from UV/weathering (oxidized)**	**N/A**
31	RECHA31-001, RECHA31-002	Brown and red asphalt roofing shingles	Reclamation BLDG, under HA25 shingles	None Detected	N/A	N/A	N/A
32	RECHA32-001, RECHA32-002	Black roofing felt	Reclamation BLDG, under HA25 and HA31 shingles	None Detected	N/A	N/A	N/A
33	EXTHA33-001, EXTHA33-002, EXTHA33-003, EXTHA33-004	Asphalt/blacktop	Paved access roads and walkways throughout complex	None Detected	N/A	N/A	N/A
34	EXTHA34-001, EXTHA34-002	Thick yellow coating/liner	Lining primary and secondary clarifiers and all five (5) aeration tanks	None Detected	N/A	N/A	N/A

Table #I: Asbestos Inspection Results Summary, South Rim Wastewater Treatment Plant Complex							
35	EXTHA35-001, EXTHA35-002	Textured anti-slip coating	On metal catwalks over clarifiers and aeration tanks, concrete walkway above Pipe Gallery	None Detected	N/A	N/A	N/A
36	RECHA36-001, PREHA36-002	Mortar	In between masonry blocks on parapet wall above digester on Pretreatment BLDG; masonry block cap along lower exterior walls of Control BLDG, Pretreatment BLDG, and Reclamation BLDG	None Detected	N/A	N/A	N/A
37	ST1HA37-001, ST1HA37-002	5/8" drywall composite (drywall, tape, and mud)	Interior walls of Storage BLDG #1	None Detected	N/A	N/A	N/A
38	ST1HA38-001, ST1HA38-002	Green 3-tab asphalt roofing shingle	Roof of Storage BLDG #1	None Detected	N/A	N/A	N/A
39	ST1HA39-001, ST3HA39-002, ST5HA39-003	Black roofing felt	Roof of Storage BLDGs #1 under HA 38 shingles, Storage BLDGs #3 and 5 under HA48 shingles	None Detected	N/A	N/A	N/A
40	ST2HA40-001, ST2HA40-002	Reddish brown structural asphalt roofing shingles	Roof of Storage BLDG #2	None Detected	N/A	N/A	N/A
41	ST2HA41-001, ST2HA41-002	Gray asphalt roofing shingles	Roof of Storage BLDG #2, under HA40 shingles	None Detected	N/A	N/A	N/A
42	ST2HA42-001, ST6HA42-002	Thick black roofing felt	Roof of Storage BLDG# 2 under HA40 and HA41 shingles; Storage BLDG# 6 under HA51 shingles	None Detected	N/A	N/A	N/A
43	ST2HA43-001, ST5HA43-002	Brown particle board siding	Siding on Storage BLDGs #2, 3, 5, and 6	None Detected	N/A	N/A	N/A
44	ST3HA44-001, ST3HA44-002	Linoleum, white squares pattern	Storage BLDG #3, floor in main room	None Detected	N/A	N/A	N/A
45	ST3HA45-001, ST3HA45-002	Linoleum, white and green diamond pattern	Storage BLDG #3, floor in back room	None Detected	N/A	N/A	N/A
46	ST3HA46-001, ST3HA46-002	Linoleum, white diamond pattern	Storage BLDG #3, floor in back room (patched area)	None Detected	N/A	N/A	N/A
47	ST3HA47-001, ST3HA47-002	5/8" drywall composite (drywall, tape, and mud)	Storage BLDG #3 interior walls and ceilings in all rooms	None Detected	N/A	N/A	N/A
48	ST3HA48-001, ST3HA48-002	Gray 3-tab asphalt roofing shingles	Roof of Storage BLDGs #3 and 5	None Detected	N/A	N/A	N/A
49	ST7HA49-001, ST7HA49-002	White flexible sealant	Chemical Storage BLDG #7, interior and exterior around louvers and walls joints	None Detected	N/A	N/A	N/A
50	ST5HA50-001, ST5HA50-002	Brown asphalt roofing shingles	Storage BLDG# 5, under HA48 roofing shingles	None Detected	N/A	N/A	N/A
51	ST6HA51-001, ST6HA51-002	Green structural asphalt roofing shingles	Roof of Storage BLDG #6	None Detected	N/A	N/A	N/A
52	**N/A**	**Flexible HVAC duct joints**	**Control BLDG: basement and south storage room HVAC ductwork; Pretreatment BLDG: HVAC ductwork in blower room; Reclamation BLDG: on HVAC ductwork**	**Assumed ACM**	**Five (5) duct joints**	**Intact - no damage observed**	**Cat. II, Non-friable**

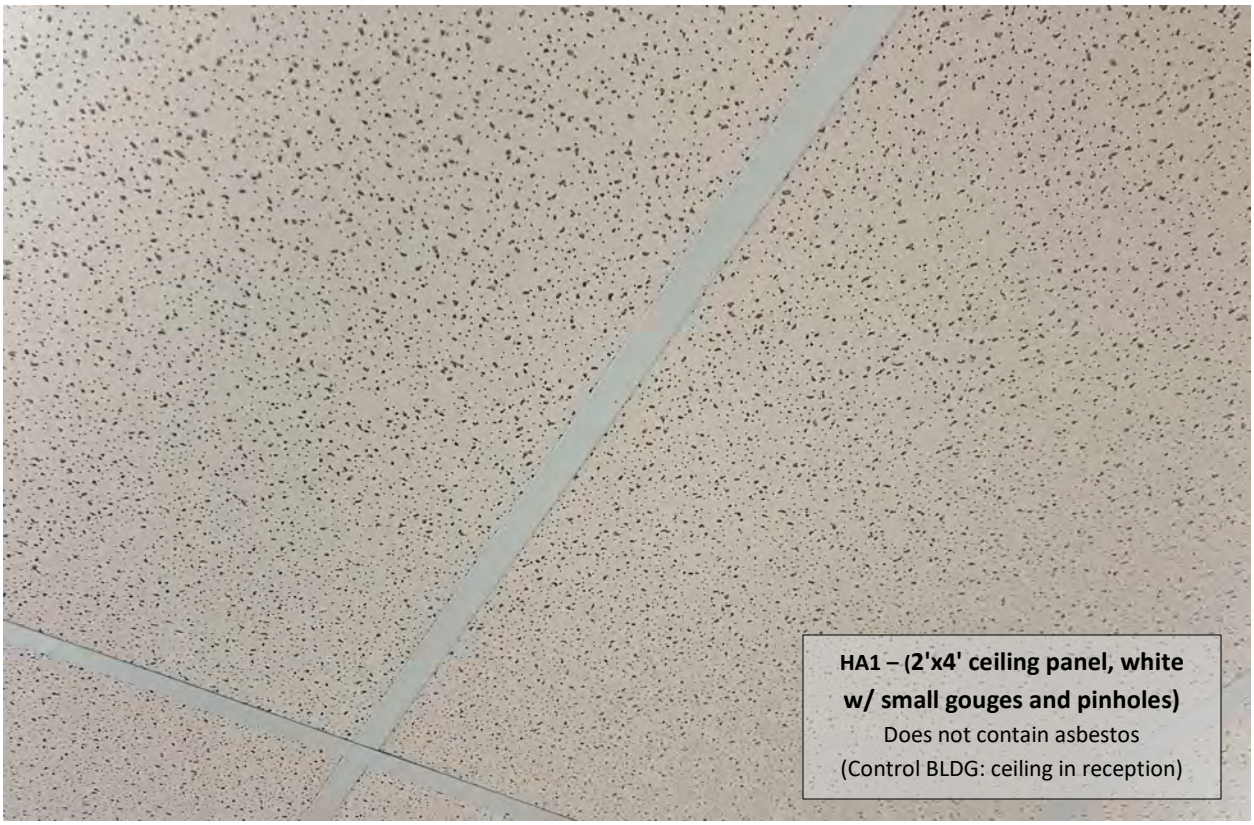
Table #II : Lead in Paint Results, South Rim WWTP Complex				
Sample ID	**Paint Description**	**Paint Location(s)**	**Sample Result (ppm)**	**Condition**
CONLBP-1	Gray paint	Control BLDG: concrete floor in basement, concrete stairwell	<80	Intact
CONLBP-2	Tan over off-white paint	Control BLDG: interior masonry walls in restroom, water lab, hallway lab and west wall of north office	<180	Intact
CONLBP-3	Orange over blue paint	Control BLDG: metal doorframes	<190	Intact
CONLBP-4	**Seafoam green paint**	**Control BLDG: ceiling joists and decking above suspended ceilings in reception area, hallway lab, and water lab; concrete floor under floor tiles in reception area**	**22,000**	Intact
CONLBP-5	Blue over off-white paint	Control BLDG: metal doors and doorframes	<200	Intact
CONLBP-6	Off-white paint	Control BLDG: Interior masonry walls in reception, south storage room office, electrical room, main lab, lab #2; ceilings in office, electrical room and south storage room	<86	Intact
CONLBP-7	Yellow over brown over green	Control BLDG: metal handrail for basement stairwell	1,700	Intact
CONLBP-8	Brown over red paint	Control BLDG: exterior metal entry doors	730	Peeling
CONLBP-9	Royal blue paint	On piping and pipe fittings and valves in Control BLDG, Pretreatment BLDG, and Reclamation BLDG	870	Intact
CONLBP-10	Cream over gray paint	Control BLDG: basement walls and ceiling and underside of concrete stairwell; walls of stairwell	<80	Peeling
CONLBP-11	Brown paint	Exterior wood siding on Control BLDG, Pretreatment BLDG, and Reclamation BLDG	<80	Peeling
CONLBP-12	Green paint	Guttering and downspouts on Control BLDG, Pretreatment BLDG, and Reclamation BLDG	<600 ppm (Lead Check Swab)	Intact
CONLBP-13	Green over brown paint	Exterior wood trim around doors, windows, and vents on Control BLDG, Pretreatment BLDG, and Reclamation BLDG	<140	Peeling
CONLBP-14	Yellow paint	Edges of concrete steps around outside of Control BLDG, on bollards, and guardrails above pipe gallery; Storage BLDG# 1 floor in front of flammables storage	<80	Flaking
PRELBP-1	Brown over black paint	Waste digester sludge piping in Pretreatment BLD basement and through Pipe Gallery	<80	Peeling
PRELBP-2	Tan over green paint	Pretreatment BLDG: metal flashing and fascia on exterior around roof	<80	Peeling

PRELBP-3	Gray paint over red primer	Pretreatment BLDG: Spencer blowers and metal bases in blower room	540	Intact
PRELBP-4	**Green over black paint**	**Pretreatment BLDG and Pipe Gallery: metal air supply (grit air, HP air, aeration basin air) piping**	**25,000**	**Intact**
PRELBP-5	Off-white paint	Pretreatment BLDG: walls in electrical room and blower room; Reclamation BLDG: Upper CMU walls in filter and storage rooms, all walls in alum room	<80	Intact
PRELBP-6	Tan over black paint	Control BLDG: RAS/WAS piping in basement; Pretreatment BLDG: Clar.1 and Clarifier 2. WAS piping in blower room and basement; Pipe Gallery: WAS and WRP Sludge piping; Reclamation BLDG: BW recycle and waste piping in basement	<80	Intact
PRELBP-7	Gray over black paint	Pretreatment BLDG: on Grit piping in blower room and basement; Pipe Gallery: aeration basin drain piping	<80	Intact
PRELBP-8	Gray paint	Pretreatment BDG: concrete floor in basement; Reclamation BLDG: concrete floors in basement and main level	<130	Intact
PRELBP-9	Brown paint	Pretreatment BDG: exterior roll-up door and door frame	<130	Intact
PRELBP-10	Brown over yellow paint	Pretreatment BDG: metal handrails on north dock	<80	Peeling
RECLBP-1	**Yellow paint**	**Overhead railing for hoists in Pretreatment blower room and Reclamation building filter room**	**46,000**	**Intact**
RECLBP-2	Pale green over black paint	Reclamation BLDG: blind flange and piping on piping penetrating floor in filter room	<80	Peeling
RECLBP-3	Light gray paint	Reclamation BLDG: aluminum catwalk over filter pits, metal entry stair and stairwell to basement	290	Intact
RECLBP-4	Dark tan paint	Reclamation BLDG: lower CMU walls in filter room, stairwell, and storage room	<80	Intact
RECLBP-5	Brown over tan over black paint	Reclamation BLDG: catwalk and railing over filter tanks on east exterior	<80	Intact
RECLBP-6	Purple over green over black	Reclamation BLDG: effluent and backwash supply piping in basement	2,000	Peeling
RECLBP-7	Dark green over tan paint	Reclamation BLDG: secondary effluent piping in basement	140	Intact
RECLBP-8	Off-white paint	HVAC ductwork in Control BLDG (storage room and basement), Pretreatment BLDG, and Reclamation BLDG (filter room)	110	Intact

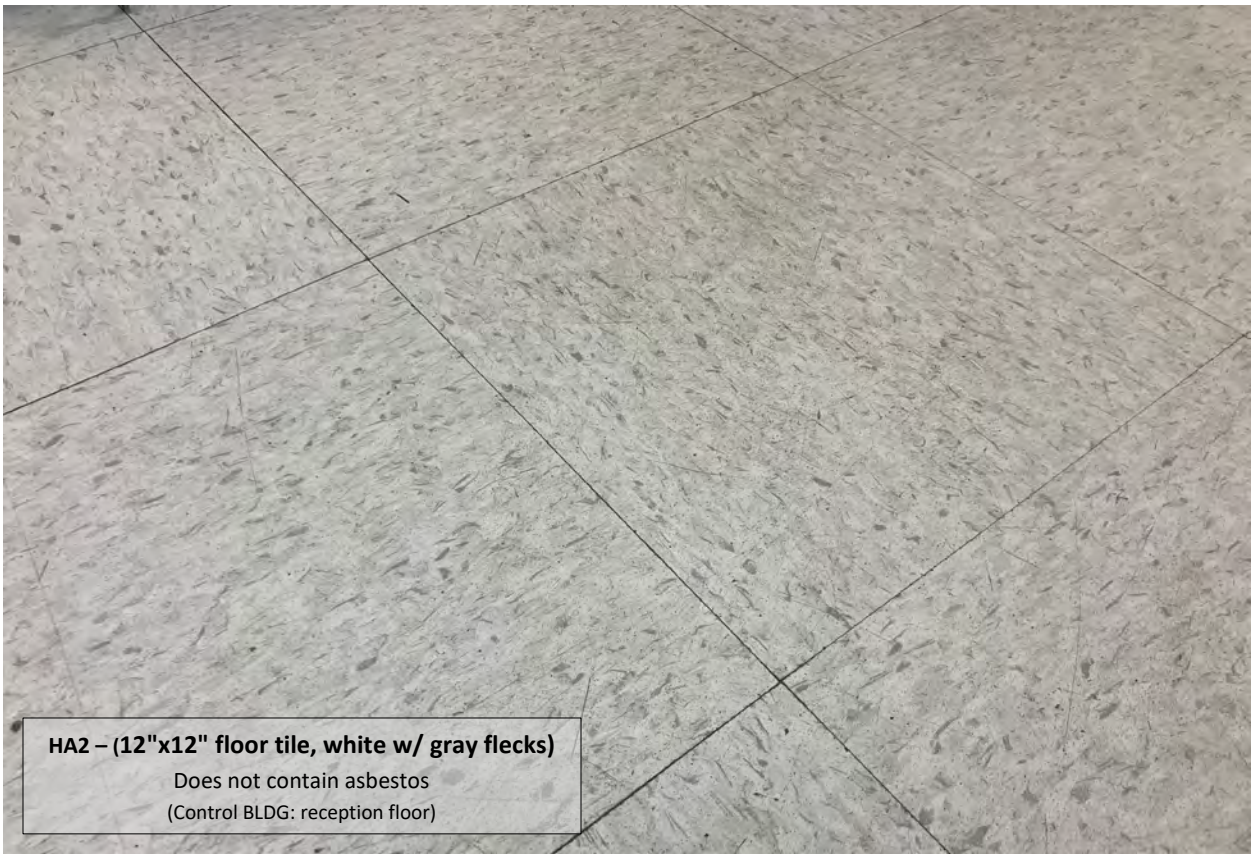
RECLBP-9	Yellow paint	On edges of raised concrete curbing/equipment pads on main level and basement, floor in storage/electrical room	<80	Intact
RECLBP-10	Green over tan paint	Reclamation BLDG: metal flashing and fascia on exterior around roof	<87	Peeling
EXTLBP-1	Thick pale yellow paint	Lining primary and secondary clarifiers and all five (5) aeration tanks	<80	Intact
EXTLBP-2	Brown over green over tan	Handrails for primary and secondary clarifiers, aeration tanks, and stair to the east of the Control BLDG	<80	Intact
EXTLBP-3	Brown textured paint	Catwalks and walkways above primary and secondary clarifiers, aeration tanks, and walkway above pipe gallery	<80	Intact
EXTLBP-4	**Teal green over black paint**	**Piping by flow equalization basin and above aeration tanks**	**12,000**	**Peeling**
EXTLBP-5	Green over brown over tan paint	Handrail around flow equalization basin	150	Intact
EXTLBP-6	Green over gray paint	Pumps and belt housing above filter pits by reclamation BLDG and above aeration tanks	1,200	Intact
EXTLBP-7	Brown over gray paint	Three (3) Conex shipping containers on the southeast side of the site	<80	Intact
EXTLBP-8	White paint	One (1) portable chemical storage container on the southeast side of the site	<80	Intact
EXTLBP-9	White paint	Three (3) portable chemical storage containers on the southeast side of the site	<110	Intact
ST1LBP-1	Cream paint	Storage BLDG #1, interior walls (drywall)	<80	Intact
ST2LBP-1	Beige paint	Storage BLDG #2, exterior walls	<80	Peeling
ST2LBP-2	Brown paint	Storage BLDG #2 wood railing and deck; wood railing and walkway on west side of site	<80	Peeling
ST3LBP-1	White paint	Storage BLDG #3, interior walls and ceiling (drywall)	350	Intact
ST3LBP-2	Light blue paint	Storage BLDG #3, interior wall of main room	Insufficient paint	Intact
ST3LBP-3	Green over gray paint	Exterior wood trim on Storage BLDGs #1, 3, 5, and 6	<80	Peeling
ST4LBP-1	Green paint	Storage BLDG#4: structural metal supports on interior; Storage BLDG#7 concrete roof	<360	Intact
ST4LBP-2	Gray paint	Wood floors in Storage BLDGs #1, 5, and 6	<80	Intact
ST5LBP-1	Brown over beige paint	Exterior wood siding on Storage BLDGs #1, 3, 5, and 6	<110	Peeling
ST7LBP-1	Reddish brown paint	Exterior concrete walls of concrete Storage BLDG #7	<110	Flaking
ST7LBP-2	Gray paint	Interior concrete walls of Storage BLDG #7	<210	Intact

Attachment II:

Photographs



HA1 – (2'x4' ceiling panel, white w/ small gouges and pinholes)
Does not contain asbestos
(Control BLDG: ceiling in reception)

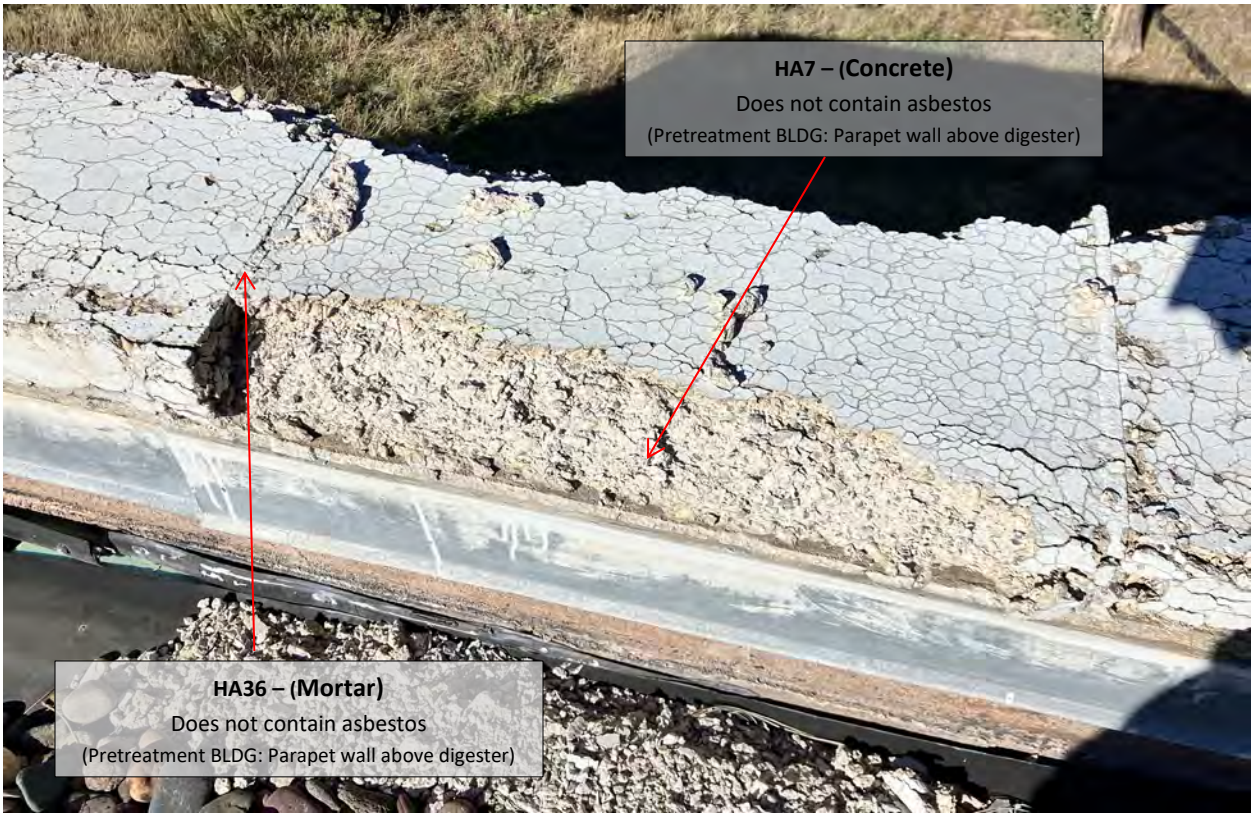


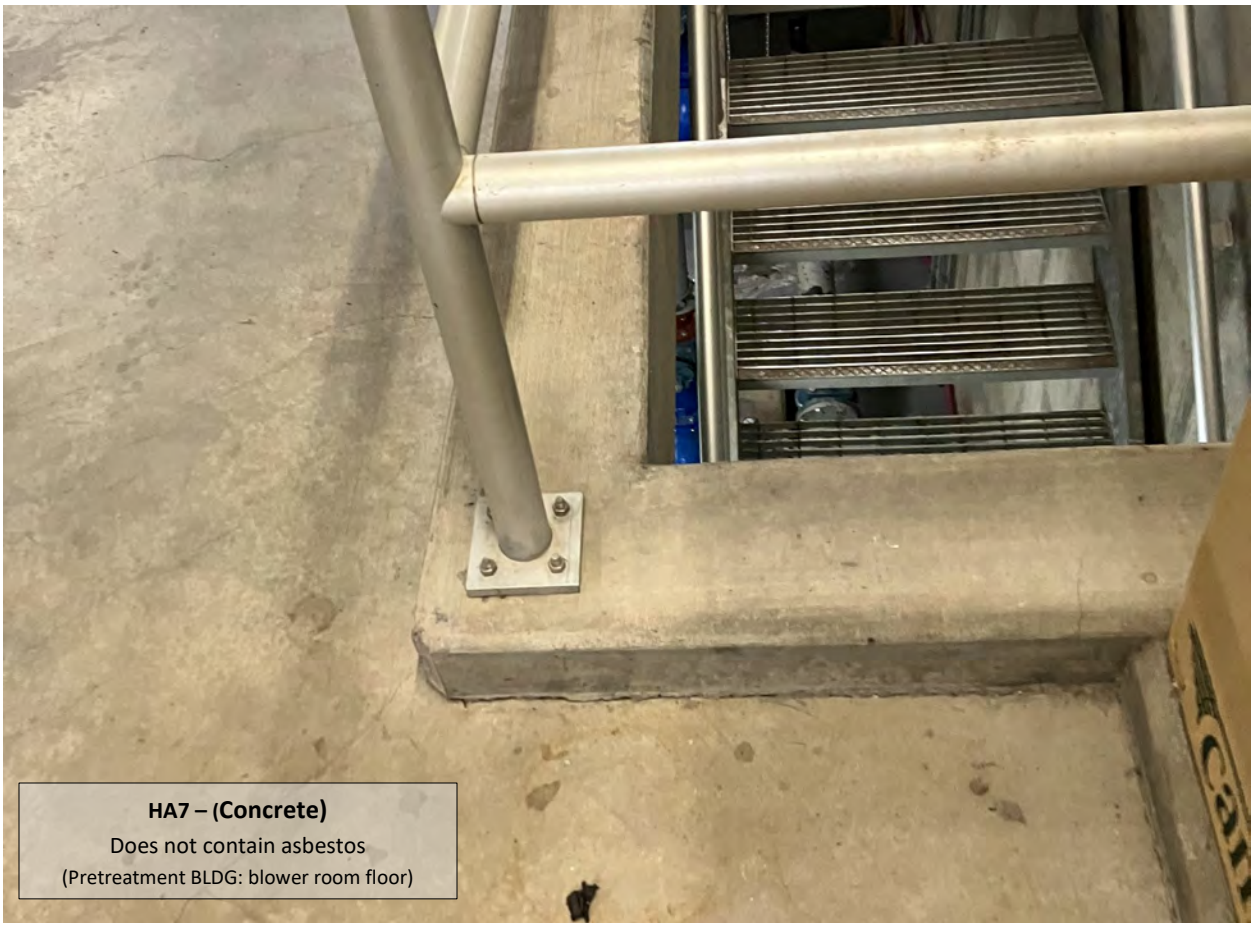
HA2 – (12"x12" floor tile, white w/ gray flecks)
Does not contain asbestos
(Control BLDG: reception floor)

HA3 – (12"x12" floor tile, white w/ large gray flecks)
Does not contain asbestos
(Control BLDG: restroom floor)
HA4 – (Tan floor tile mastic)
Does not contain asbestos
(Control BLDG: restroom floor)

HA5 – (Brown-tan cove base mastic)
Does not contain asbestos
(Control BLDG: restroom)

HA6 – (Tan floor tile mastic)
Does not contain asbestos
(Control BLDG: reception floor under HA2 floor tiles)


HA7 – (Concrete)
Does not contain asbestos
(Pretreatment BLDG: Parapet wall above digester)
HA36 – (Mortar)
Does not contain asbestos
(Pretreatment BLDG: Parapet wall above digester)


HA7 – (Concrete)
Does not contain asbestos
(Pretreatment BLDG: blower room floor)

HA7 – (Concrete)
Does not contain asbestos
(Chemical Storage BLDG #7: concrete exterior walls)

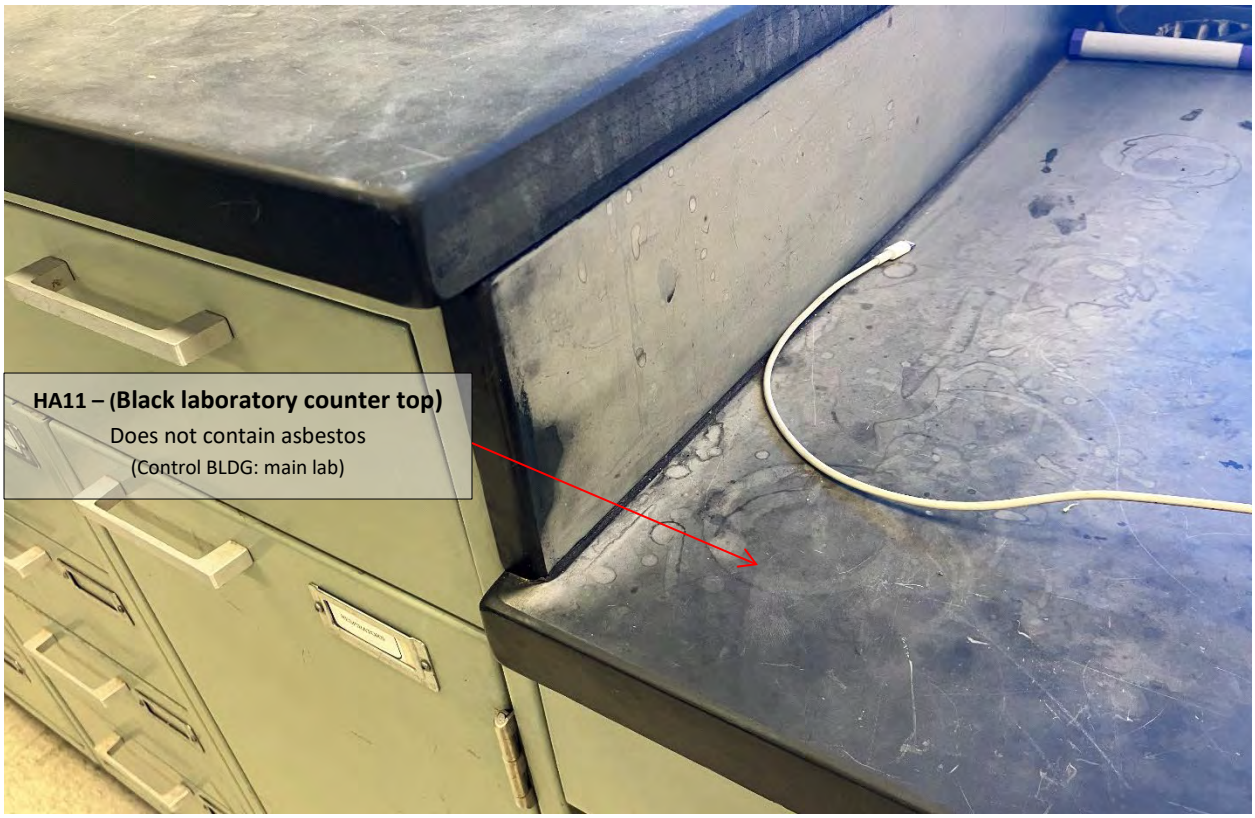
HA7 – (Concrete)
Does not contain asbestos
(Flow equalization basin)

HA8 – (2'x4' ceiling panel, white w/ large irregular gouges)
Does not contain asbestos
(Control BLDG: ceiling in main lab)

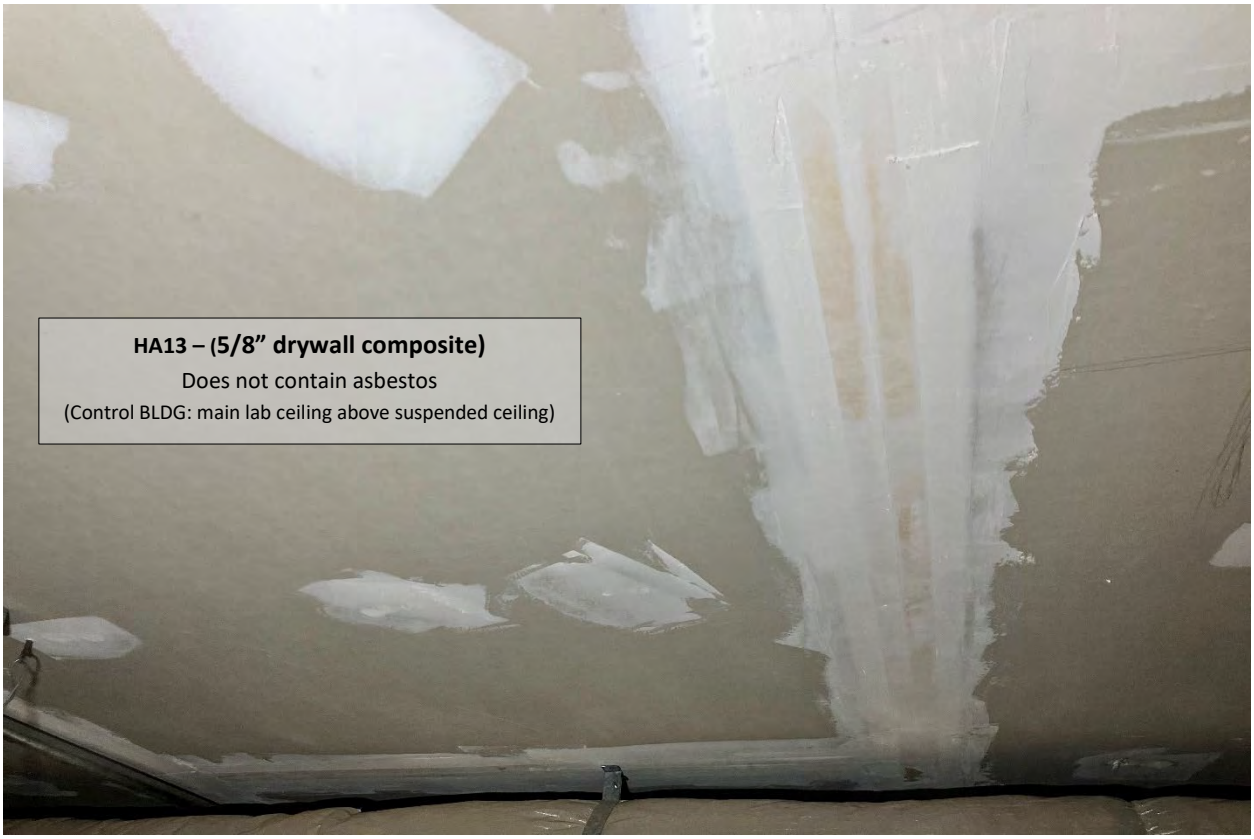
HA9 – (Transite panel)
Contains asbestos (20% Chrysotile)
(Control BLDG: exhaust housing in restroom)

HA9 – (Transite panel)
Contains asbestos (20% Chrysotile)
(Control BLDG: inside fume hood in main lab)

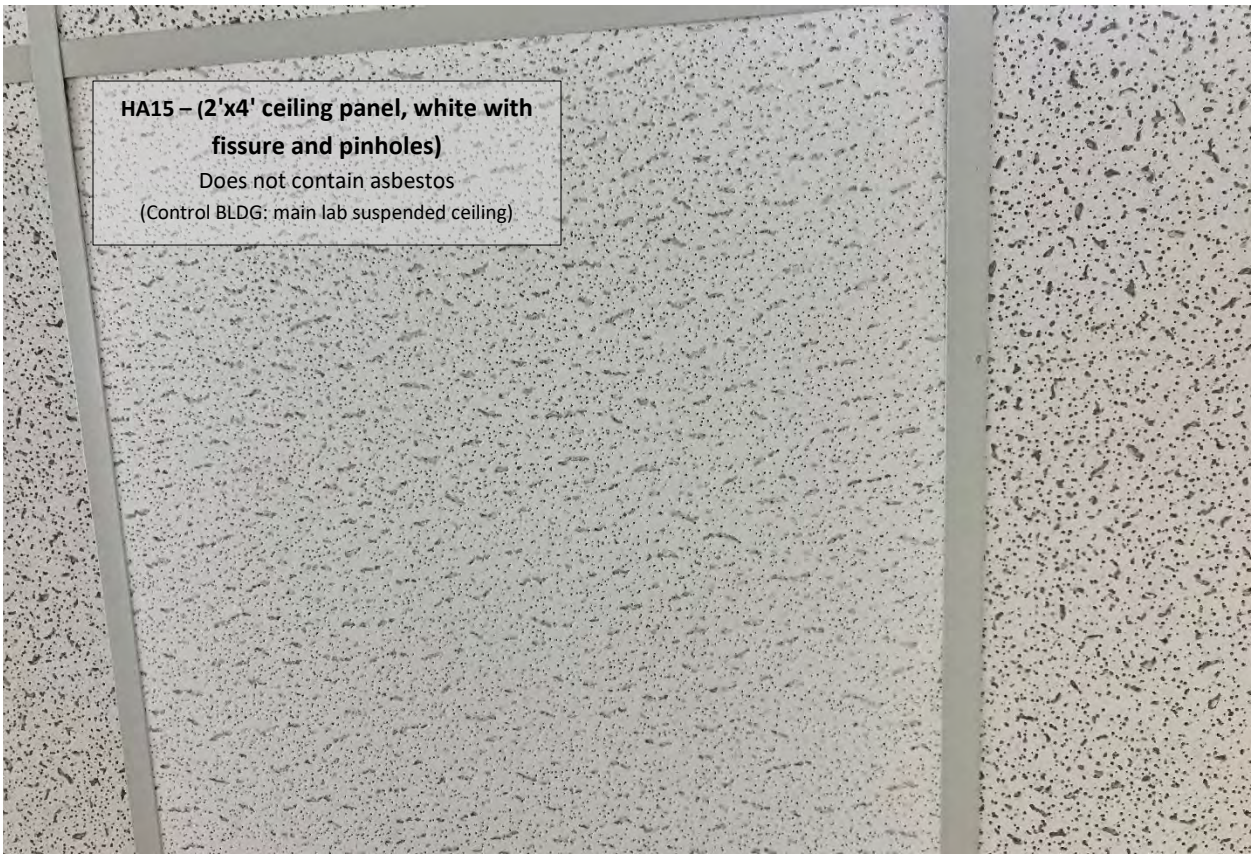
HA10 – (Plaster)
Does not contain asbestos
(Control BLDG: ceiling in water lab above suspended ceiling)


HA11 – (Black laboratory counter top)
Does not contain asbestos
(Control BLDG: main lab)

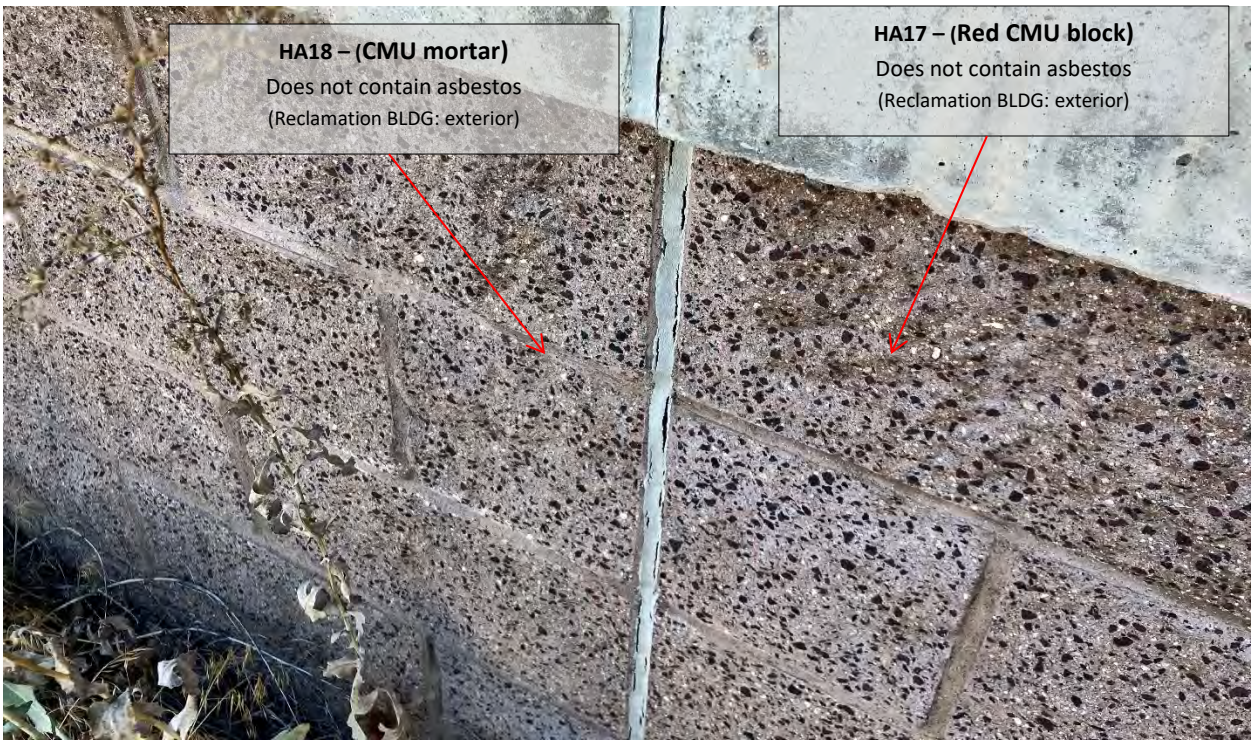
HA12 – (White sink undercoating)
Does not contain asbestos
(Control BLDG: hallway lab)


HA13 – (5/8" drywall composite)
Does not contain asbestos
(Control BLDG: main lab ceiling above suspended ceiling)

HA14 – (2'x4' ceiling panel, white with gouges and pinholes)
Does not contain asbestos
(Control BLDG: lab #2 suspended ceiling)

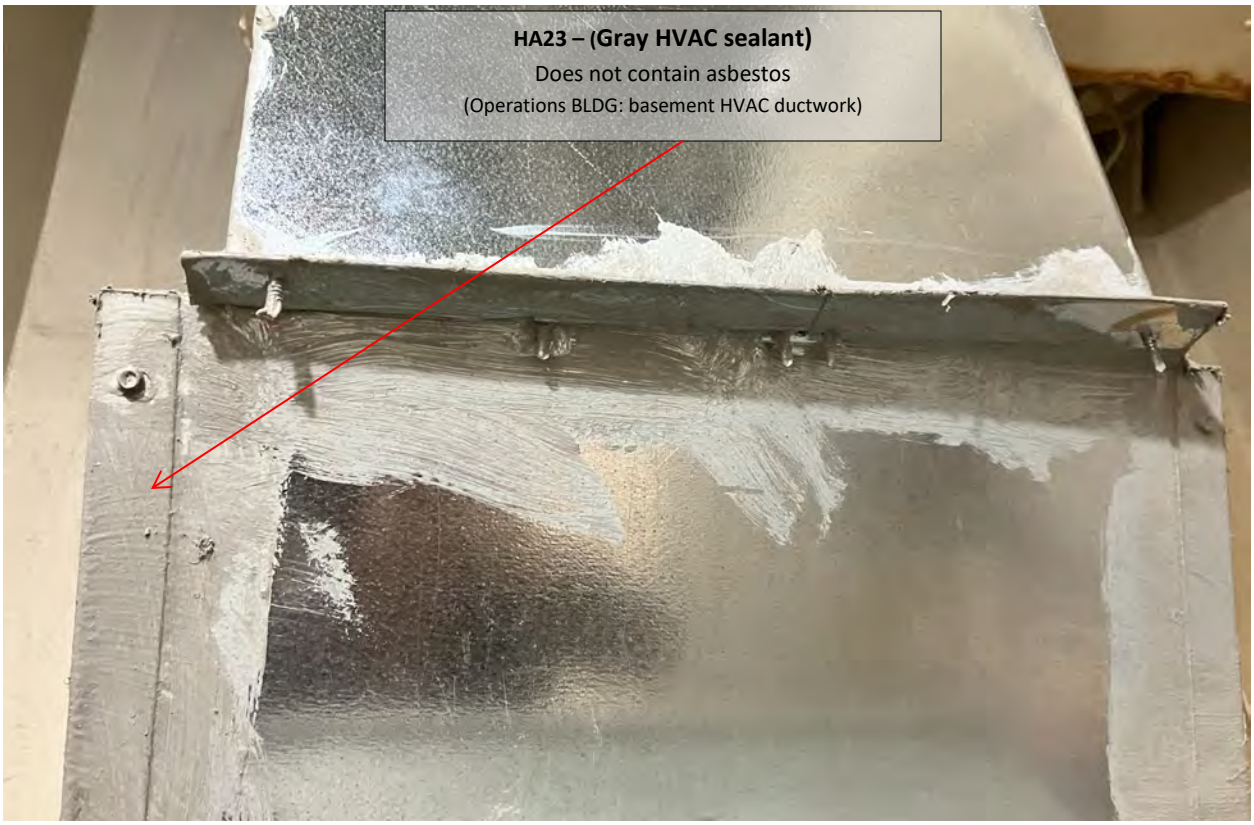

HA15 – (2'x4' ceiling panel, white with fissure and pinholes)
Does not contain asbestos
(Control BLDG: main lab suspended ceiling)

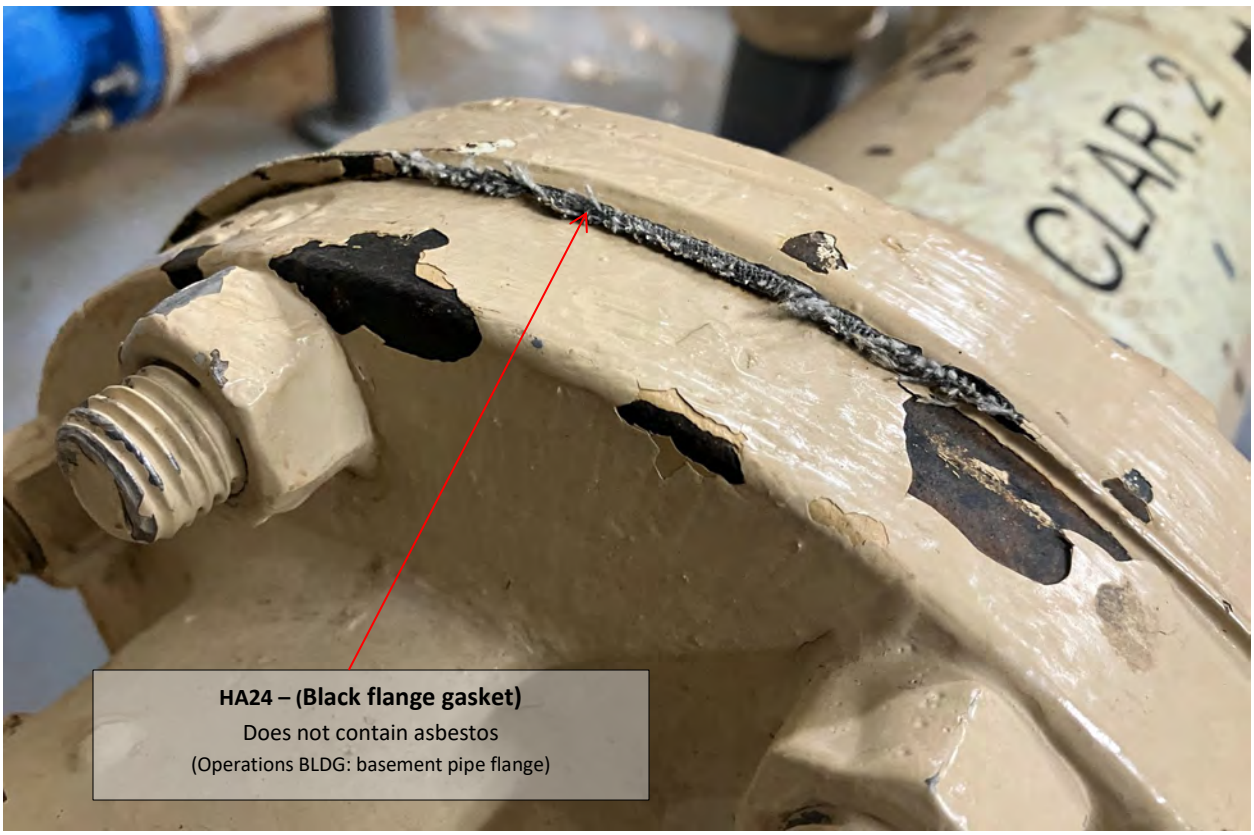
HA16 – (Corrugated paper inside metal fire doors)
Does not contain asbestos
(Control BLDG: inside door to water lab)



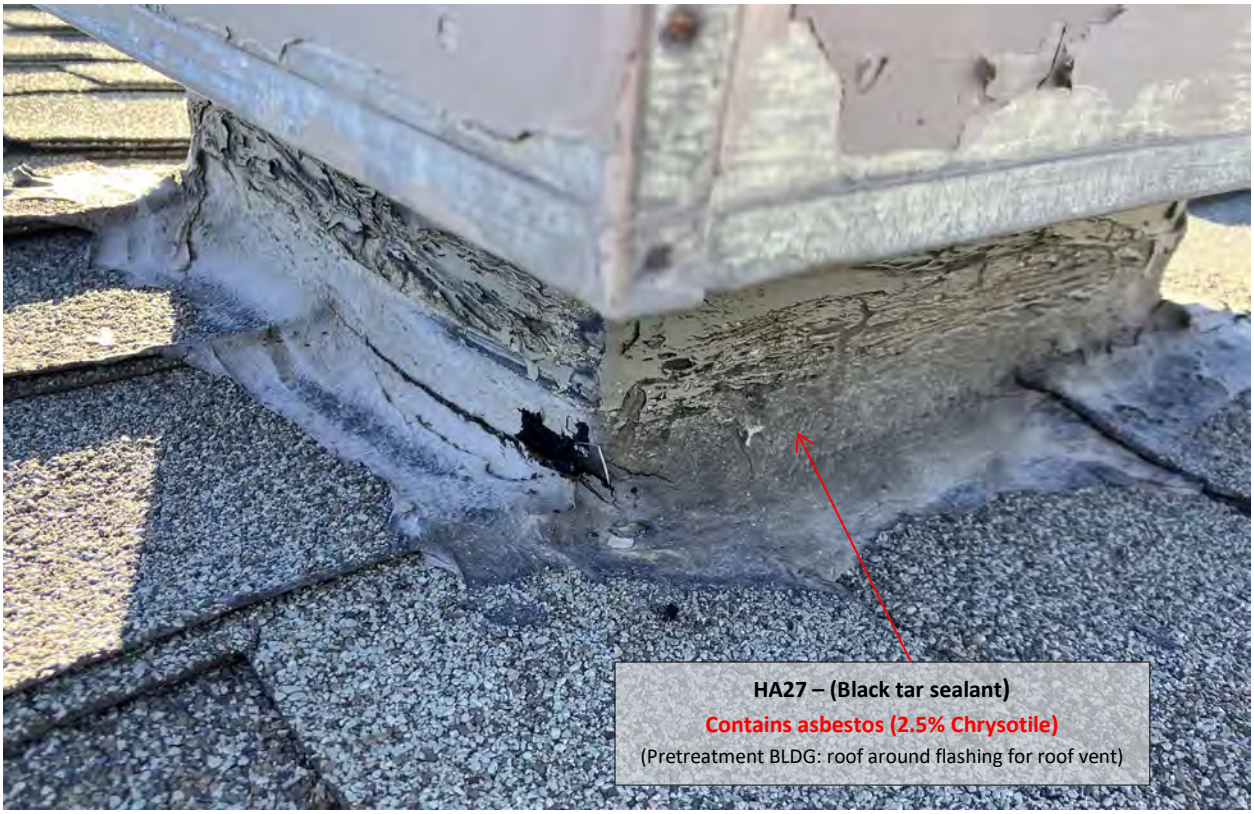
HA19 – (Gray structural asphalt roofing shingles)
HA20 – (Black roofing felt)
HA21 – (Black ice and water shield)
Does not contain asbestos
(Control BLDG: roof, HAs 20 and 21 not shown, present under HA19 shingles)

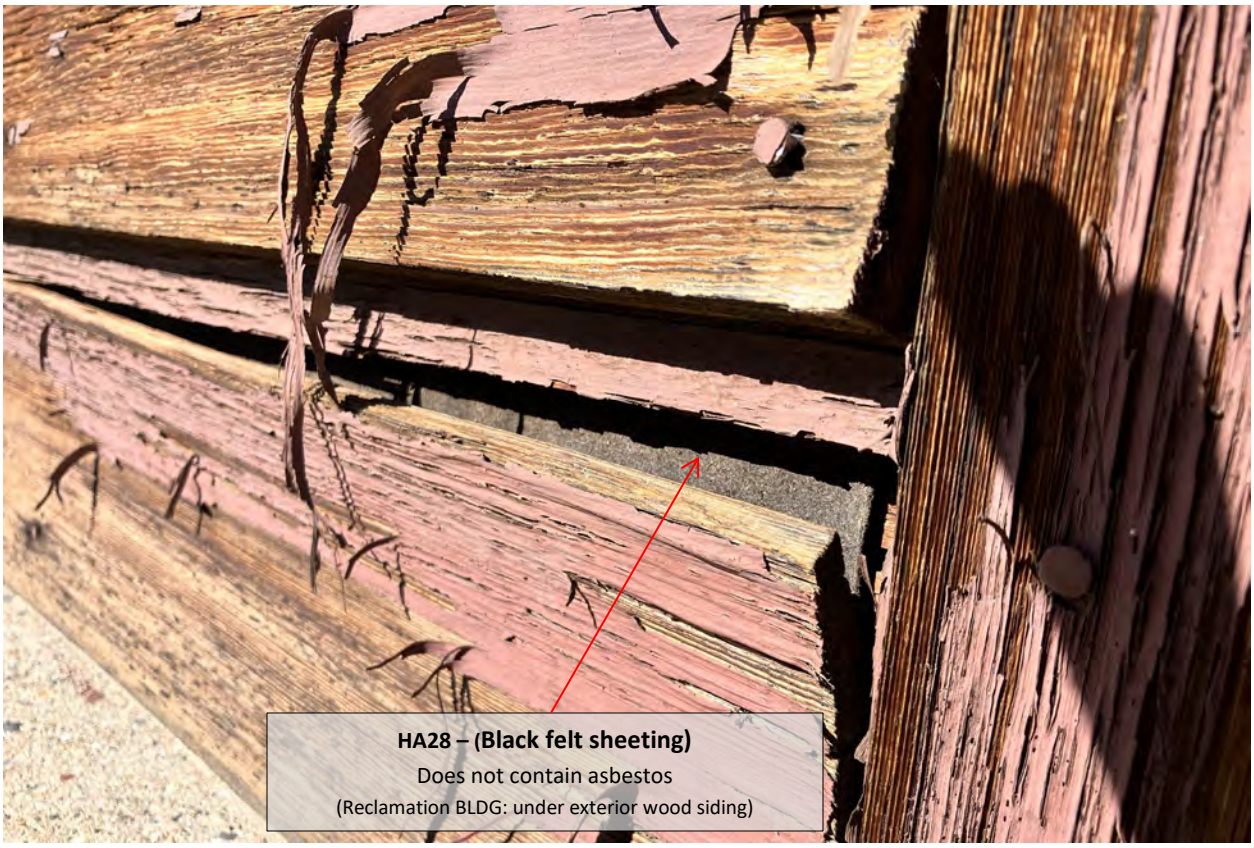
HA22 – (Black fibrous expansion joint sheeting)
Does not contain asbestos
(Operations BLDG: west exterior)


HA23 – (Gray HVAC sealant)
Does not contain asbestos
(Operations BLDG: basement HVAC ductwork)


CLAR 2
HA24 – (Black flange gasket)
Does not contain asbestos
(Operations BLDG: basement pipe flange)

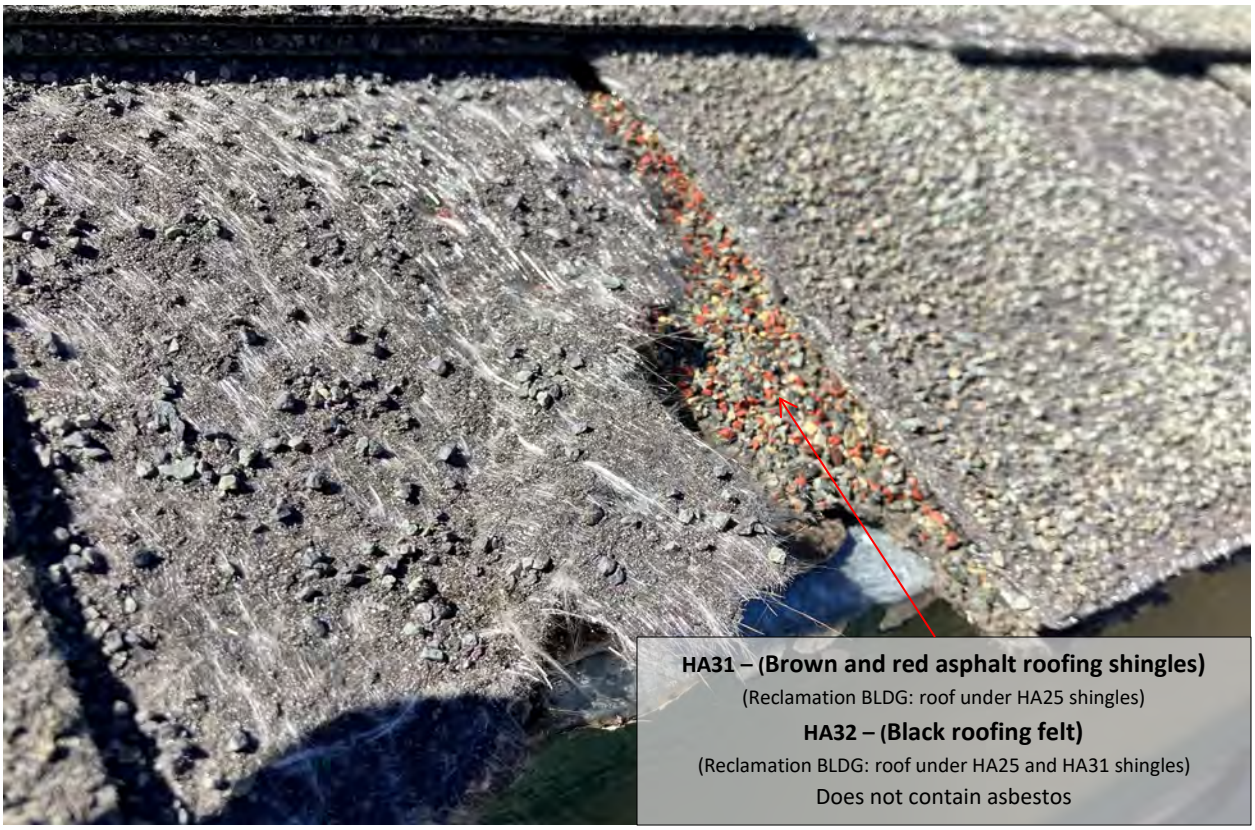
HA25 – (Green-gray structural asphalt roofing shingles)
(Pretreatment BLDG: roof)
HA26 – (Black roofing felt)
(Pretreatment BLDG: roof under HA25 shingles)


HA27 – (Black tar sealant)
Contains asbestos (2.5% Chrysotile)
(Pretreatment BLDG: roof around flashing for roof vent)


HA28 – (Black felt sheeting)
Does not contain asbestos
(Reclamation BLDG: under exterior wood siding)

Caution
HA29 – (Large flat gasket)
Does not contain asbestos
(Pretreatment BLDG: Spencer blower unit in blower room)

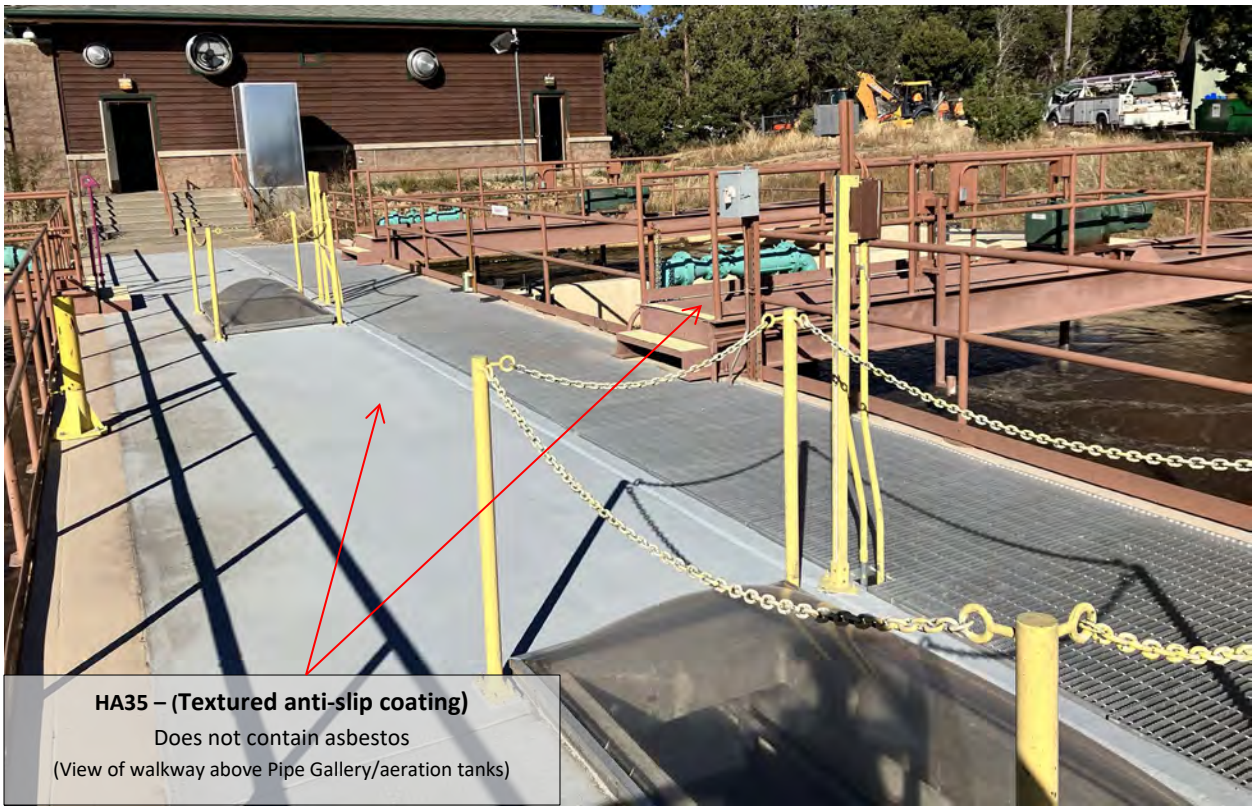
HA30 – (Light gray flexible sealant)
Contains TRACE asbestos (0.5 – 0.9% Chrysotile)
(Reclamation BLDG: lower exterior masonry walls)


HA31 – (Brown and red asphalt roofing shingles)
(Reclamation BLDG: roof under HA25 shingles)
HA32 – (Black roofing felt)
(Reclamation BLDG: roof under HA25 and HA31 shingles)
Does not contain asbestos

HA33 – (Asphalt/blacktop)
Does not contain asbestos
(Access road within complex)

HA34 – (Thick yellow coating/liner)
Does not contain asbestos
(View of concrete edging on primary clarifier)

HA34 – (Thick yellow coating/liner)
Does not contain asbestos
(View of inside of primary clarifier)

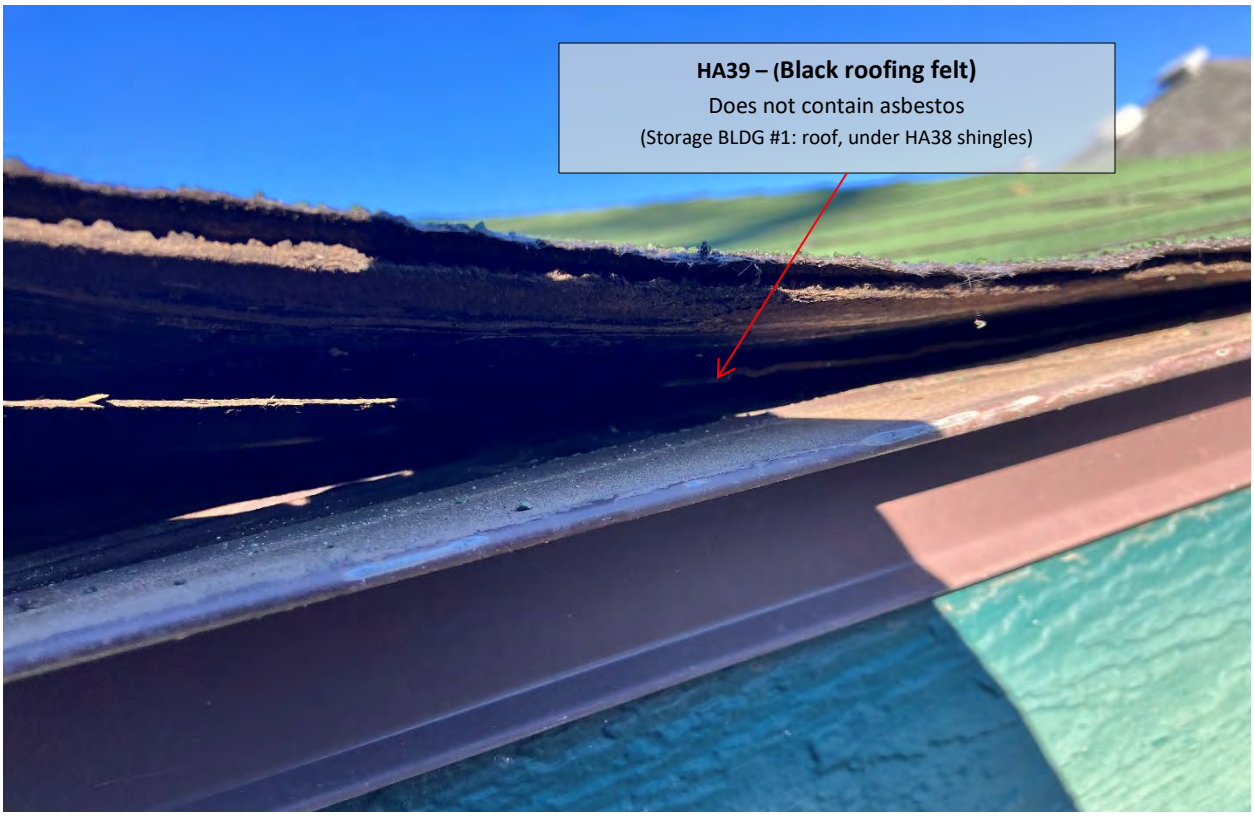


HA35 – (Textured anti-slip coating)
Does not contain asbestos
(View of walkway above Pipe Gallery/aeration tanks)

HA36 – (Mortar)
Does not contain asbestos
(Control BLDG: lower exterior masonry wall)

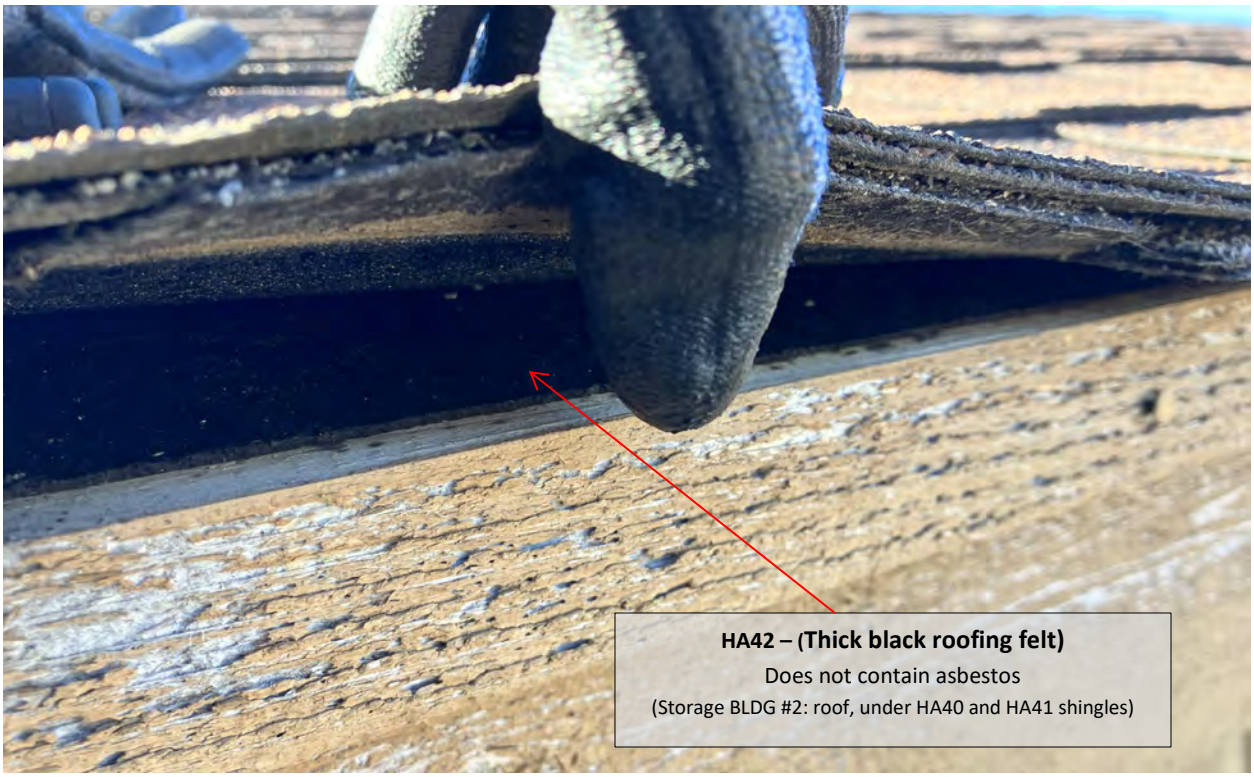
HA37 – (5/8" drywall composite)
Does not contain asbestos
(Storage BLDG #1: interior walls)

HA38 – (Green 3-tab shingles)
Does not contain asbestos
(Storage BLDG #1: roof)


HA39 – (Black roofing felt)
Does not contain asbestos
(Storage BLDG #1: roof, under HA38 shingles)

HA40 – (Reddish brown structural asphalt roofing shingles)
Does not contain asbestos
(Storage BLDG #2: roof)

HA41 – (Gray asphalt roofing shingles)
Does not contain asbestos
(Storage BLDG #2: roof, under HA40 shingles)

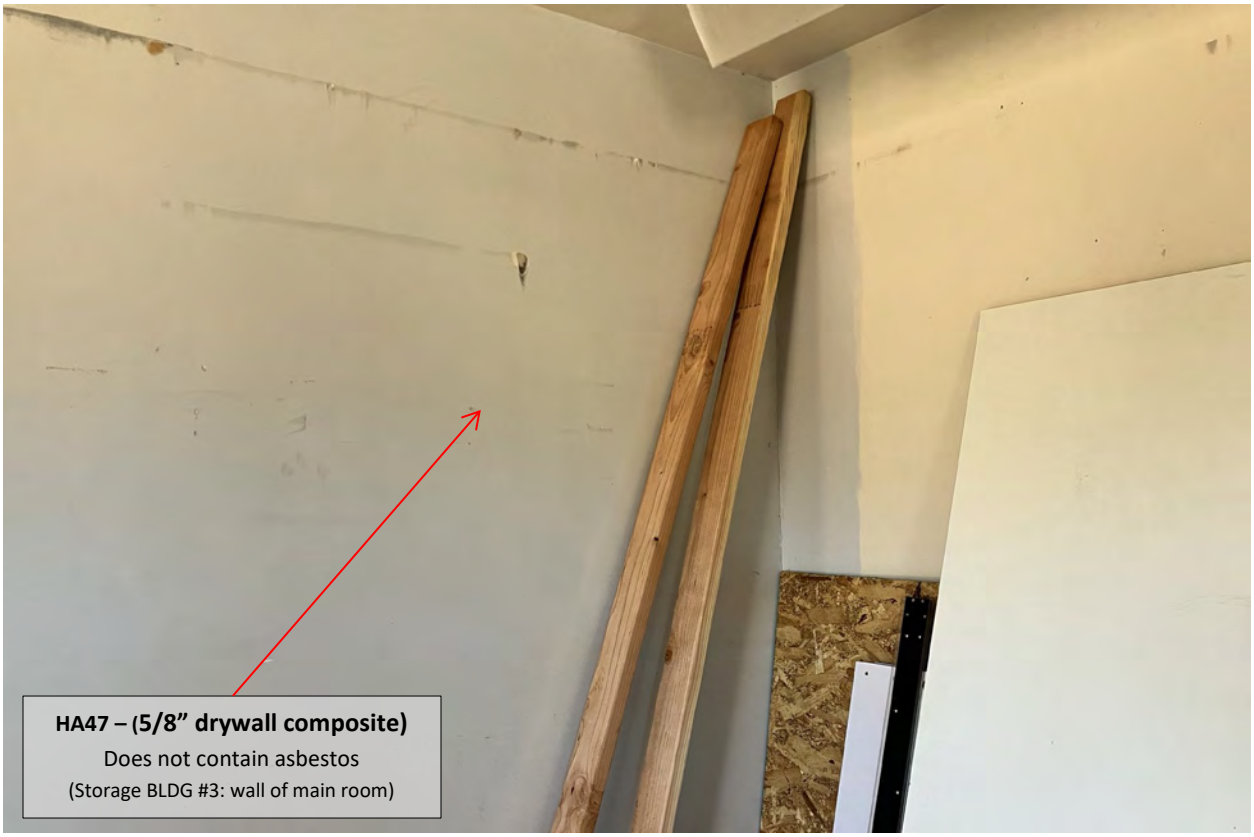

HA42 – (Thick black roofing felt)
Does not contain asbestos
(Storage BLDG #2: roof, under HA40 and HA41 shingles)

HA43 – (Brown particle board siding)
Does not contain asbestos
(Storage BLDG #2: exterior siding)

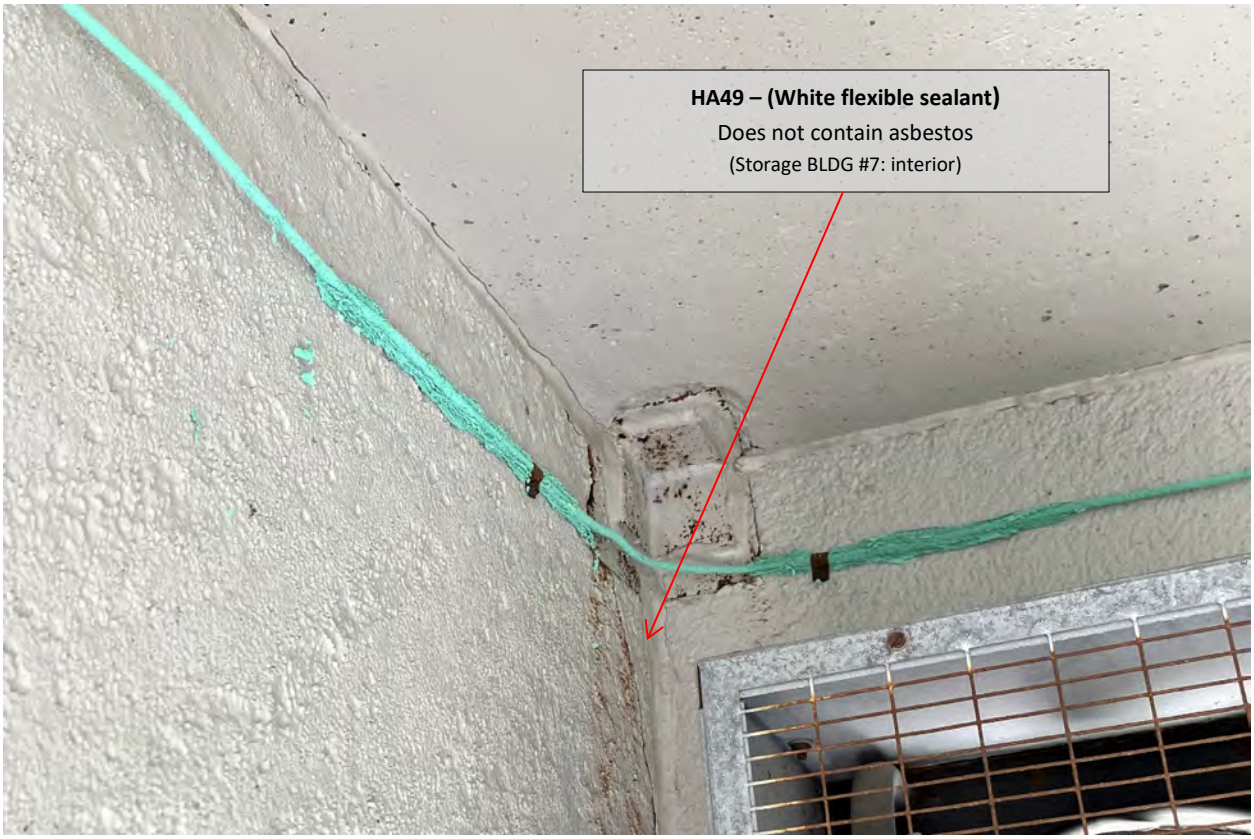
HA44 – (Linoleum, white squares pattern)
Does not contain asbestos
(Storage BLDG #3: floor of main room)

HA45 – (Linoleum, white and green diamond pattern)
Does not contain asbestos
(Storage BLDG #3: floor of back room)

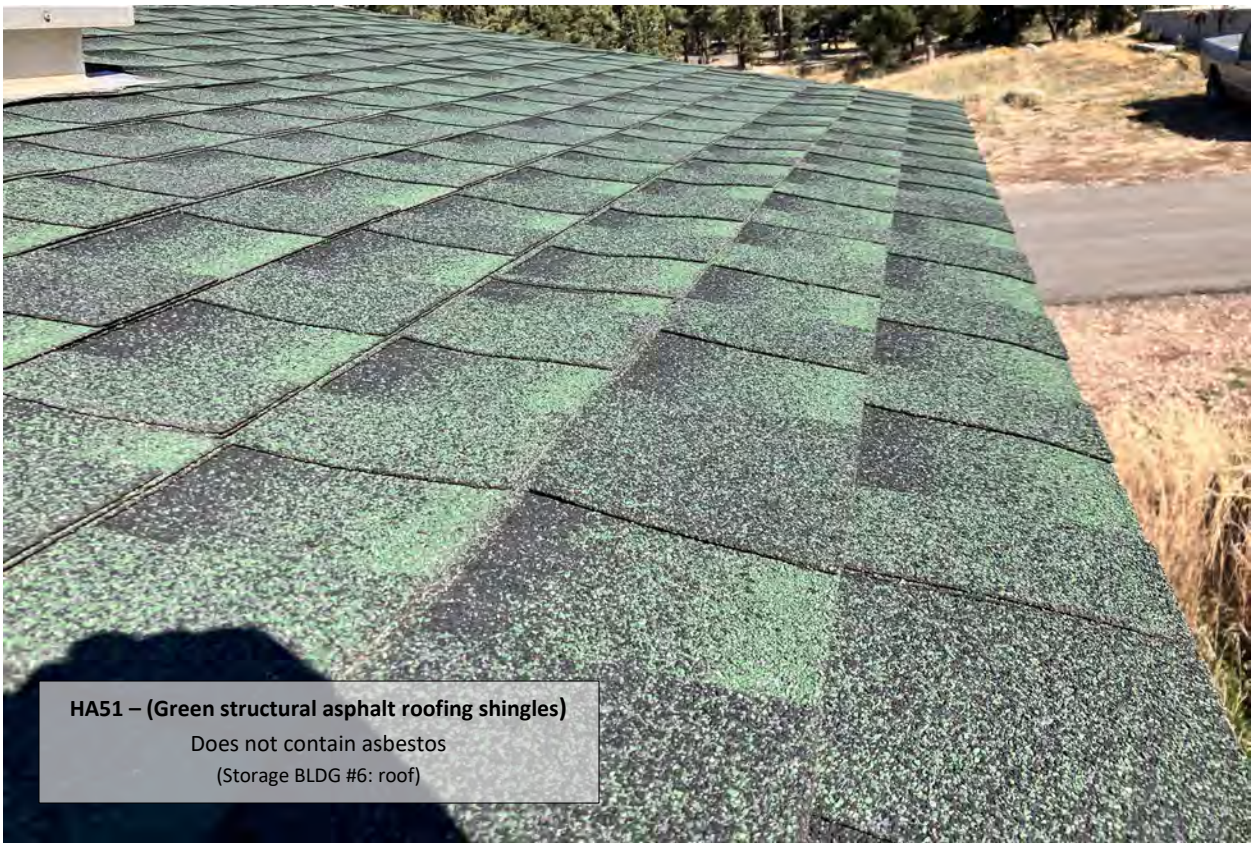
HA46 – (Linoleum, white diamond pattern)
Does not contain asbestos
(Storage BLDG #3: floor of back room, patched area)

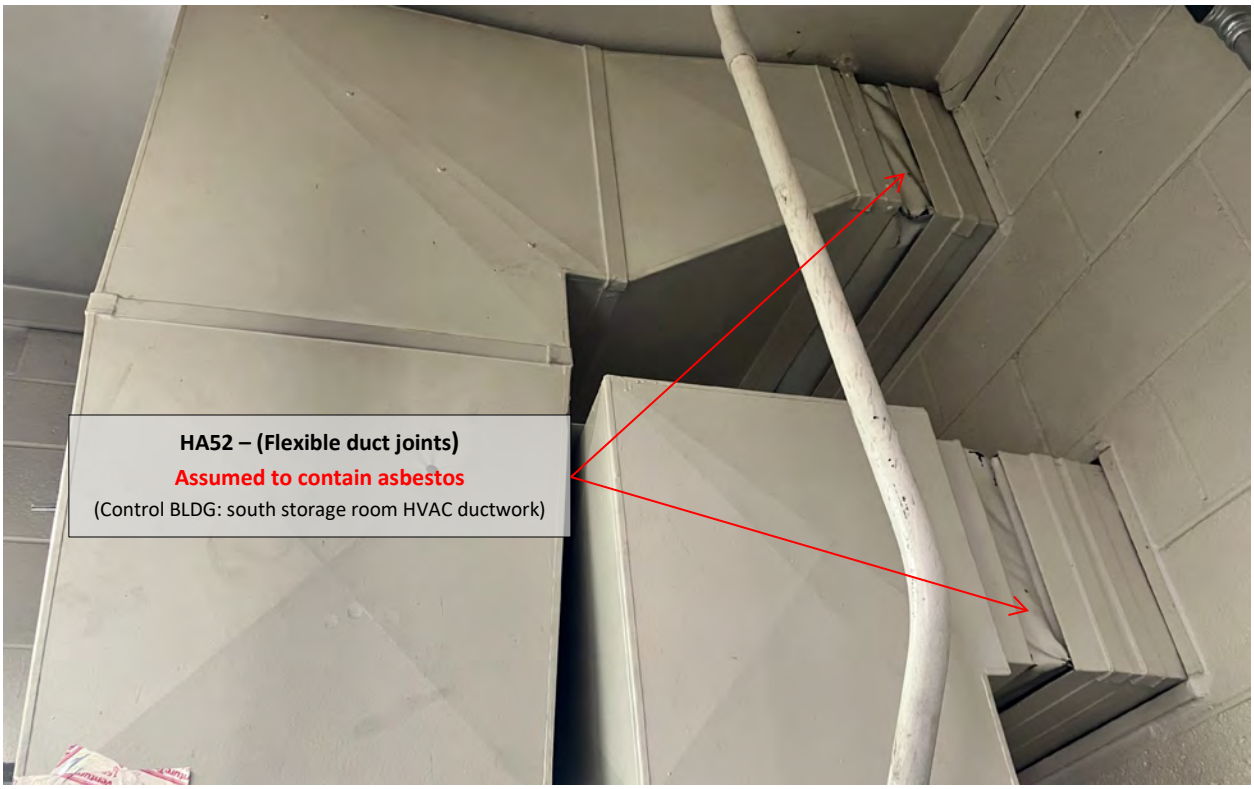

HA47 – (5/8" drywall composite)
Does not contain asbestos
(Storage BLDG #3: wall of main room)

HA48 – (Gray 3-tab asphalt roofing shingles)
Does not contain asbestos
(Storage BLDG #3: roof)

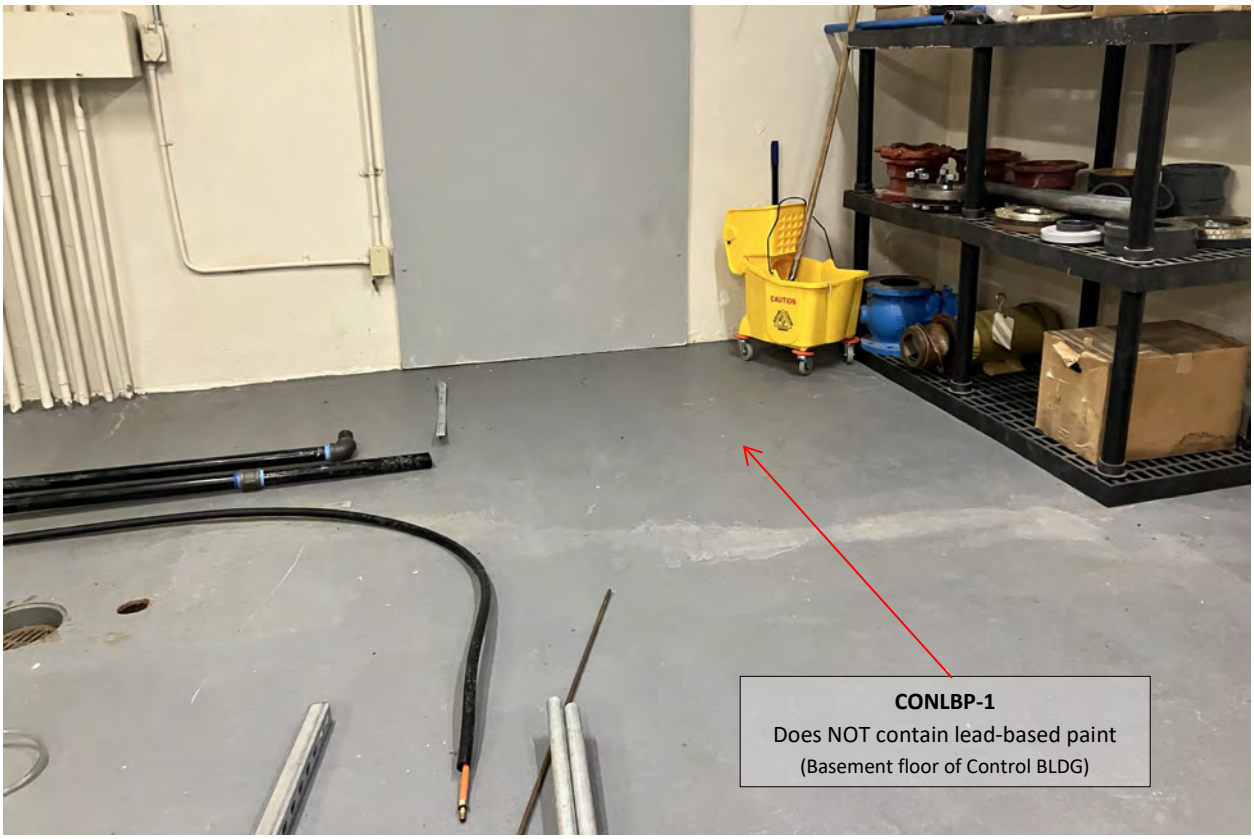

HA49 – (White flexible sealant)
Does not contain asbestos
(Storage BLDG #7: interior)

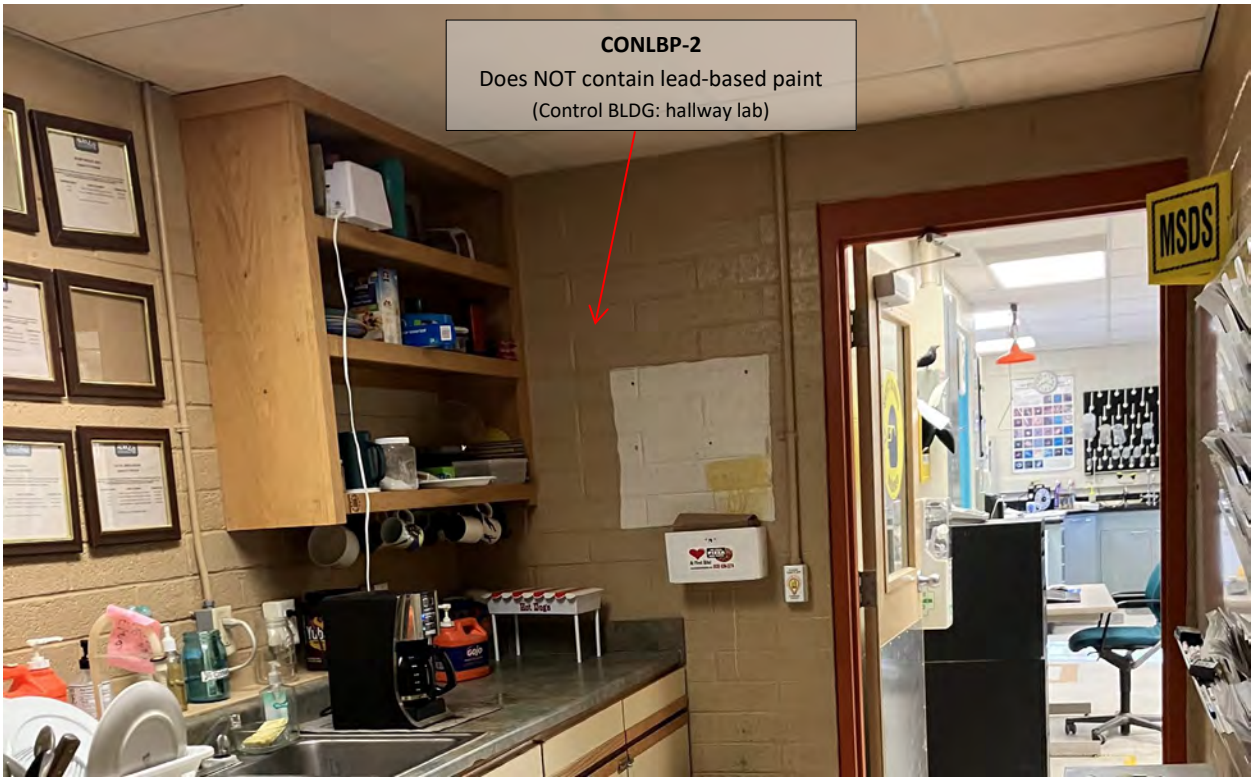
HA50 – (Brown asphalt roofing shingles)
Does not contain asbestos
(Storage BLDG #5: roof under HA48 shingles)


HA51 – (Green structural asphalt roofing shingles)
Does not contain asbestos
(Storage BLDG #6: roof)


HA52 – (Flexible duct joints)
Assumed to contain asbestos
(Control BLDG: south storage room HVAC ductwork)

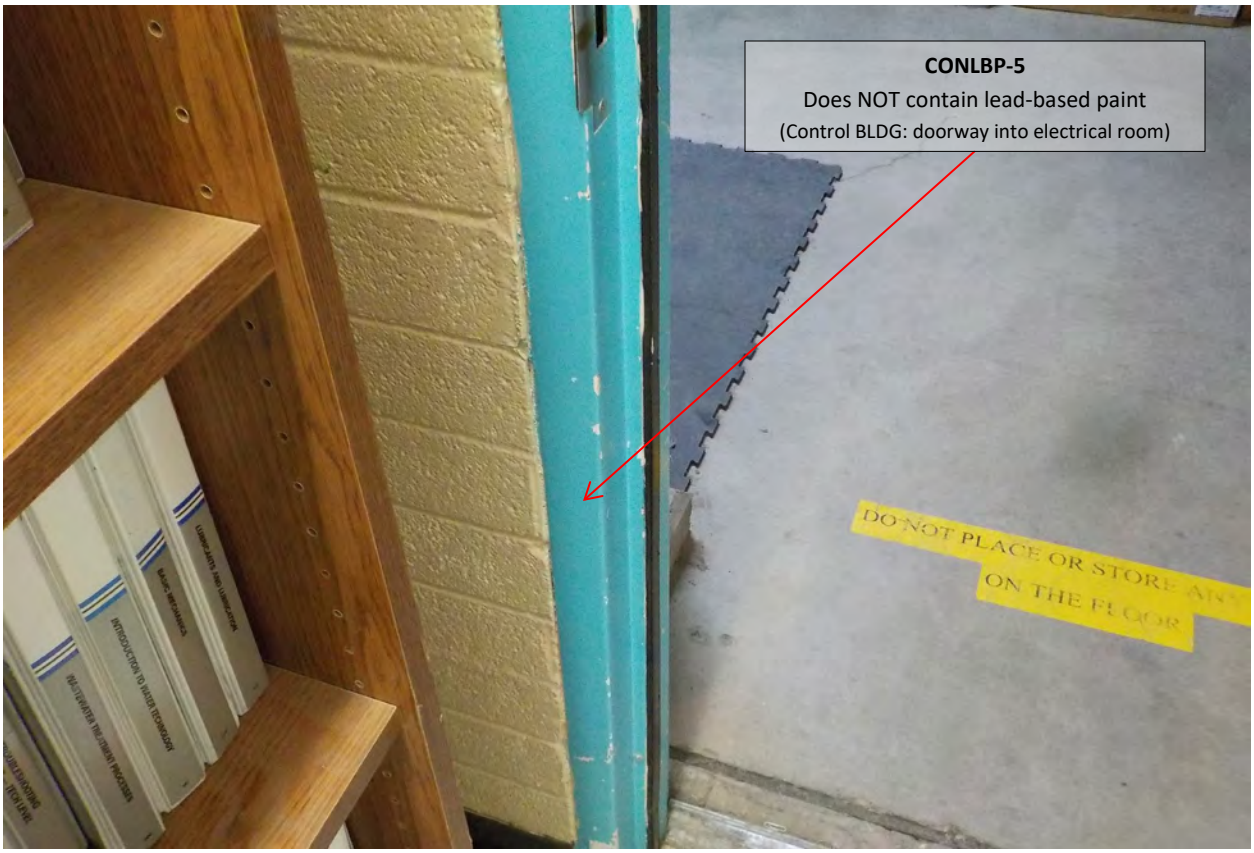
Example photo of oven in lab in Control BLDG,
lining and gaskets are suspect for asbestos


CONLBP-1
Does NOT contain lead-based paint
(Basement floor of Control BLDG)

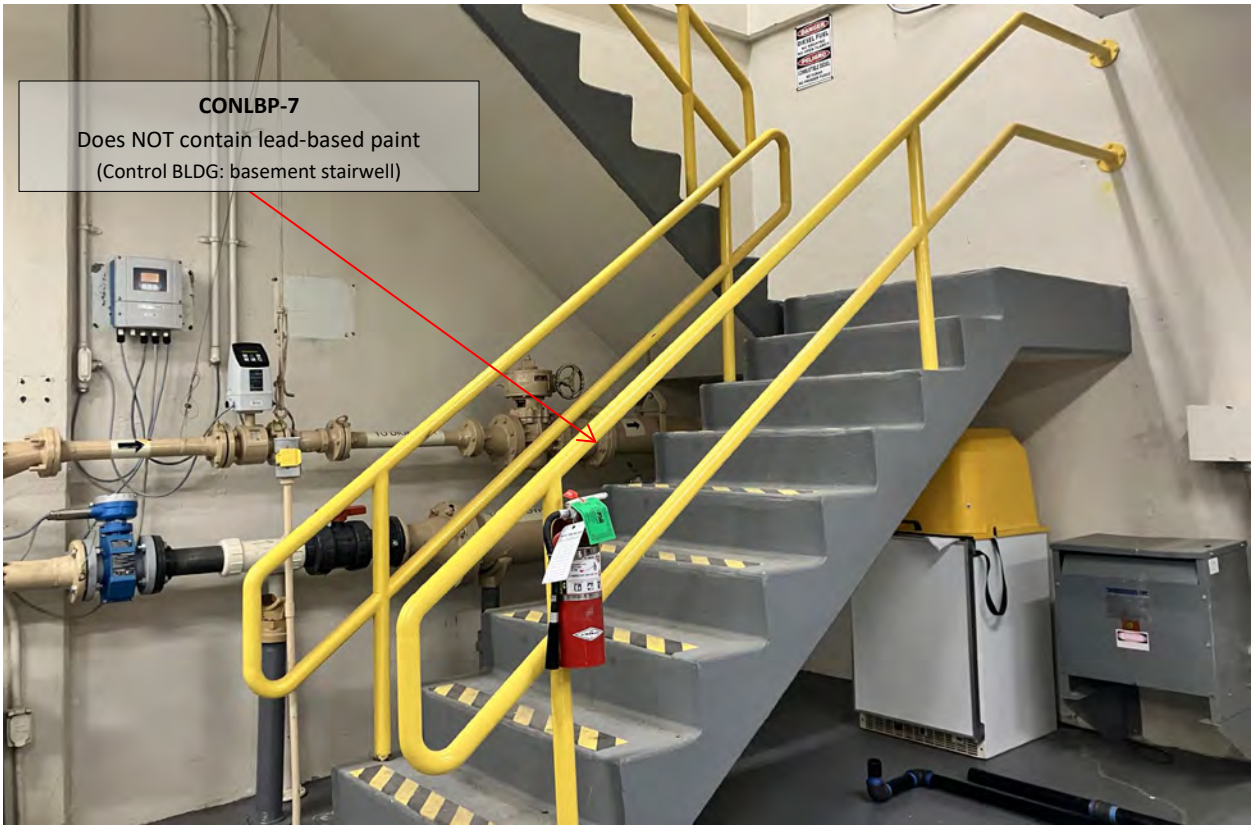

CONLBP-2
Does NOT contain lead-based paint
(Control BLDG: hallway lab)
MSDS

CONLBP-3
Does NOT contain lead-based paint
(Control BLDG: reception)
EXIT
FMSS
RISE

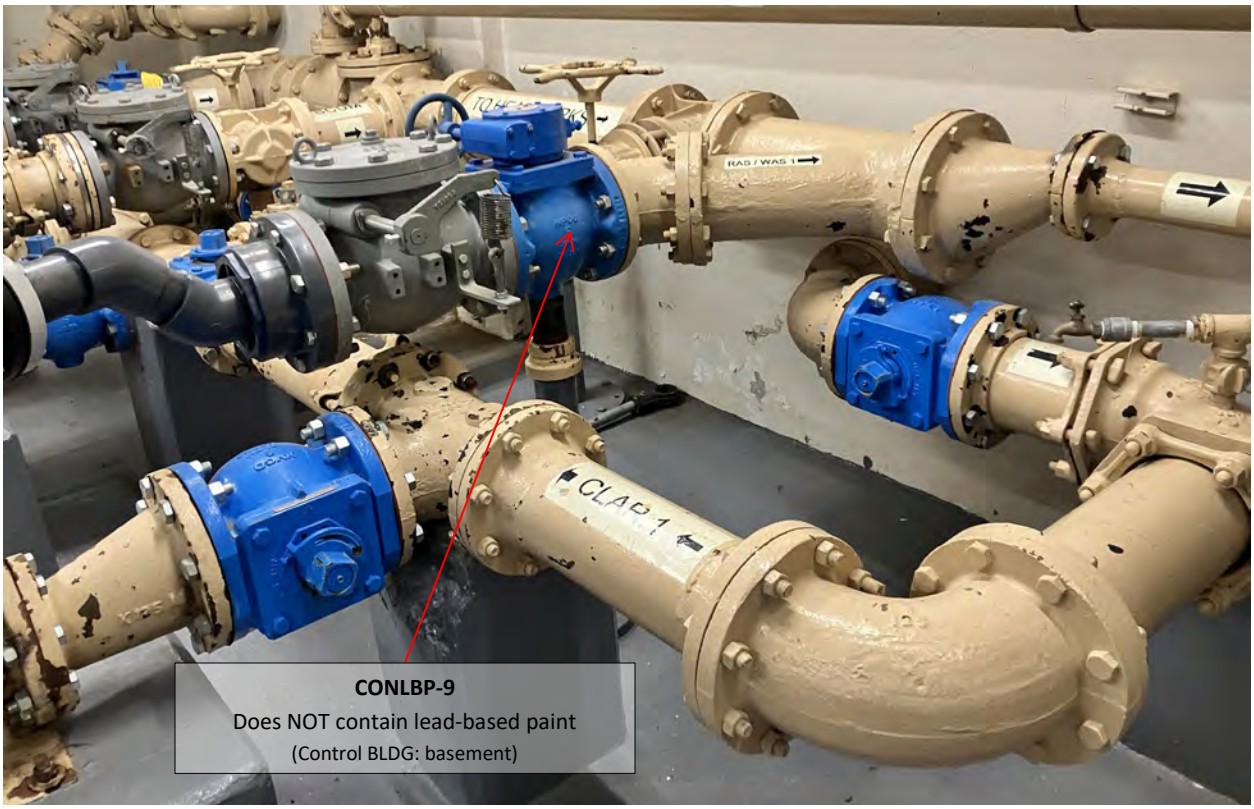
CONLBP-4
Contains lead-based paint
(Control BLDG: reception above suspended ceiling)


CONLBP-5
Does NOT contain lead-based paint
(Control BLDG: doorway into electrical room)
DO NOT PLACE OR STORE ANY
ON THE FLOOR

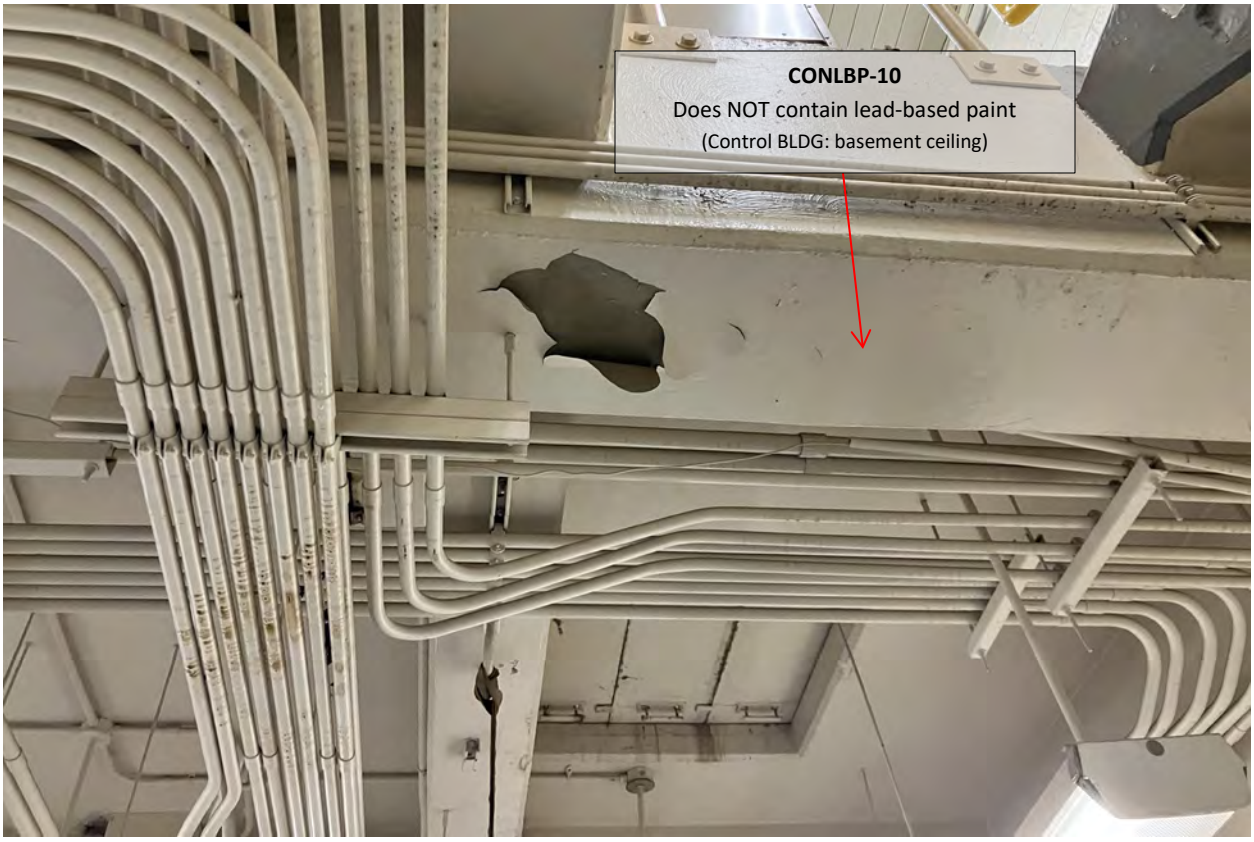
CONLBP-6
Does NOT contain lead-based paint
(Control BLDG: Electrical room)


CONLBP-7
Does NOT contain lead-based paint
(Control BLDG: basement stairwell)

CONLBP-8
Does NOT contain lead-based paint
(Control BLDG: west exit door)
AUTHORIZED PERSONNEL ONLY
ALL OTHER PERSONNEL MUST CHECK IN WITH THE UTILITY SUPERVISOR
SOL SPRAYS & TRONG CHEMICALS ARE PROHIBITED IN THIS BUILDING
SEE UTILITIES SUPERVISOR



CONLBP-9
Does NOT contain lead-based paint
(Control BLDG: basement)

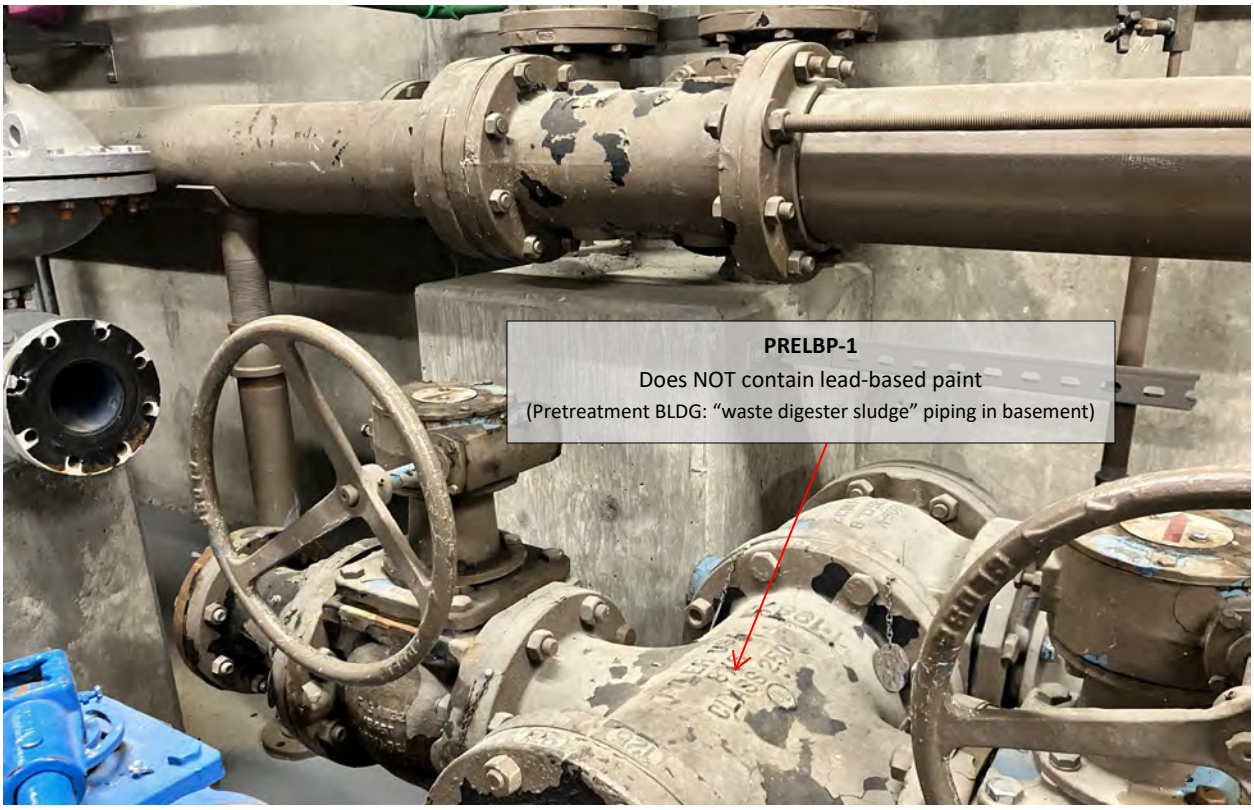


CONLBP-10
Does NOT contain lead-based paint
(Control BLDG: basement ceiling)

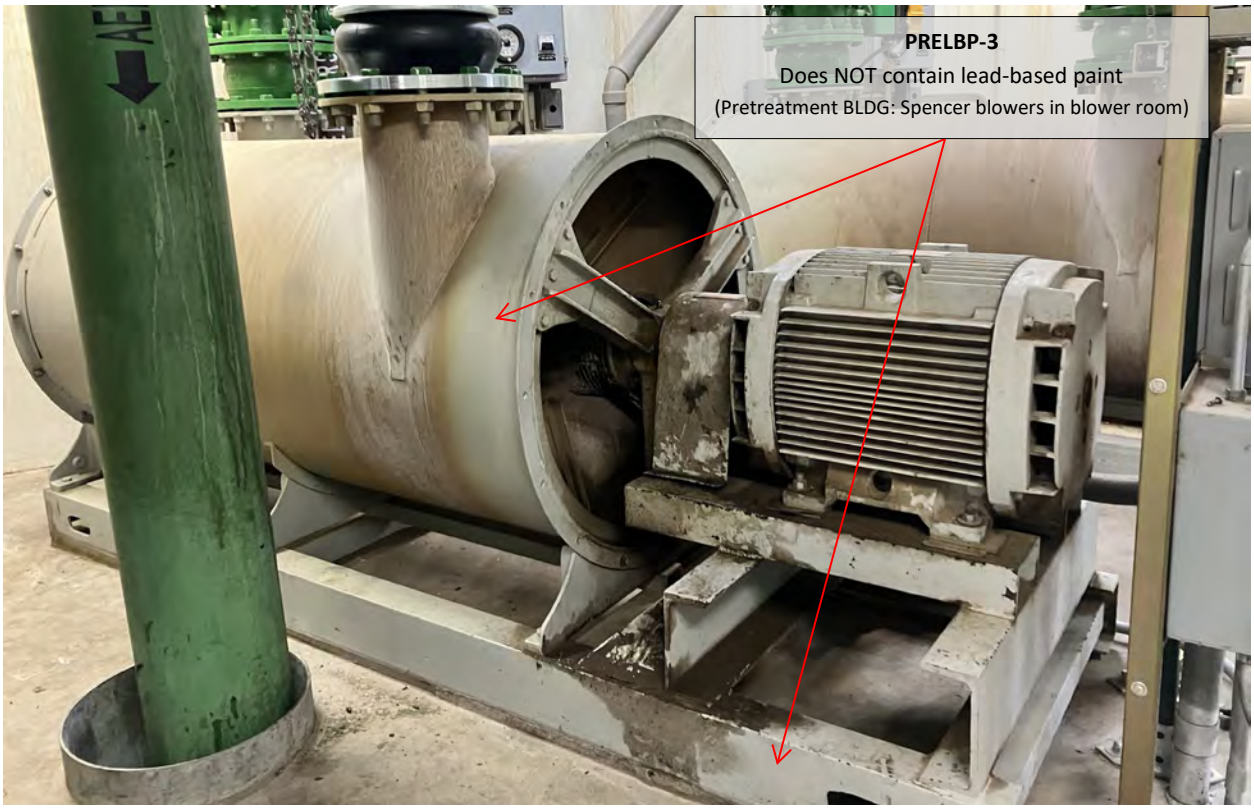
CONLBP-11
Does NOT contain lead-based paint
(Control BLDG: exterior wall)
CONLBP-13
Does NOT contain lead-based paint
(Control BLDG: exterior wall)

CONLBP-12
Does NOT contain lead-based paint
(Control BLDG: guttering)

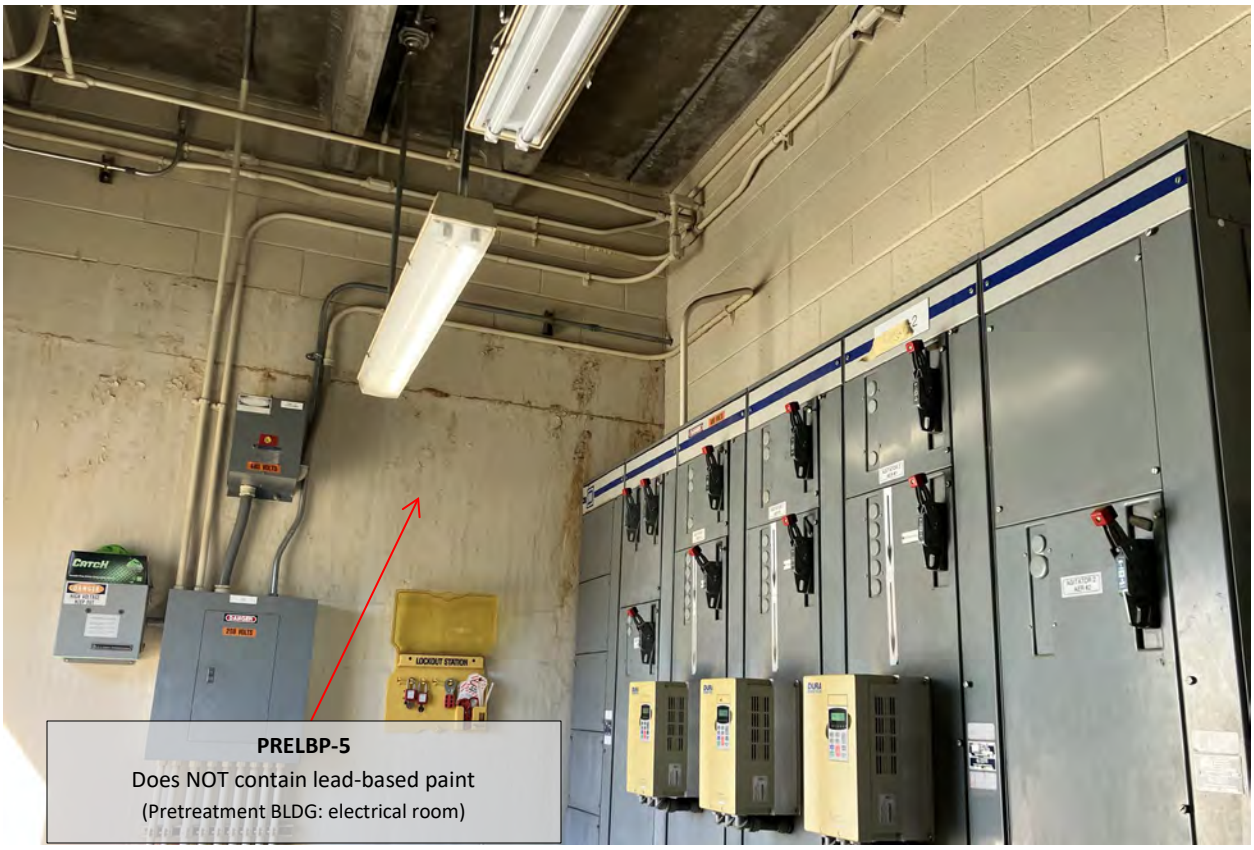
CONLBP-14
Does NOT contain lead-based paint
(Control BLDG: entry to south storage room)


PRELBP-1
Does NOT contain lead-based paint
(Pretreatment BLDG: "waste digester sludge" piping in basement)

PRELBP-2
Does NOT contain lead-based paint
(Pretreatment BLDG: fascia trim on roof by digester)

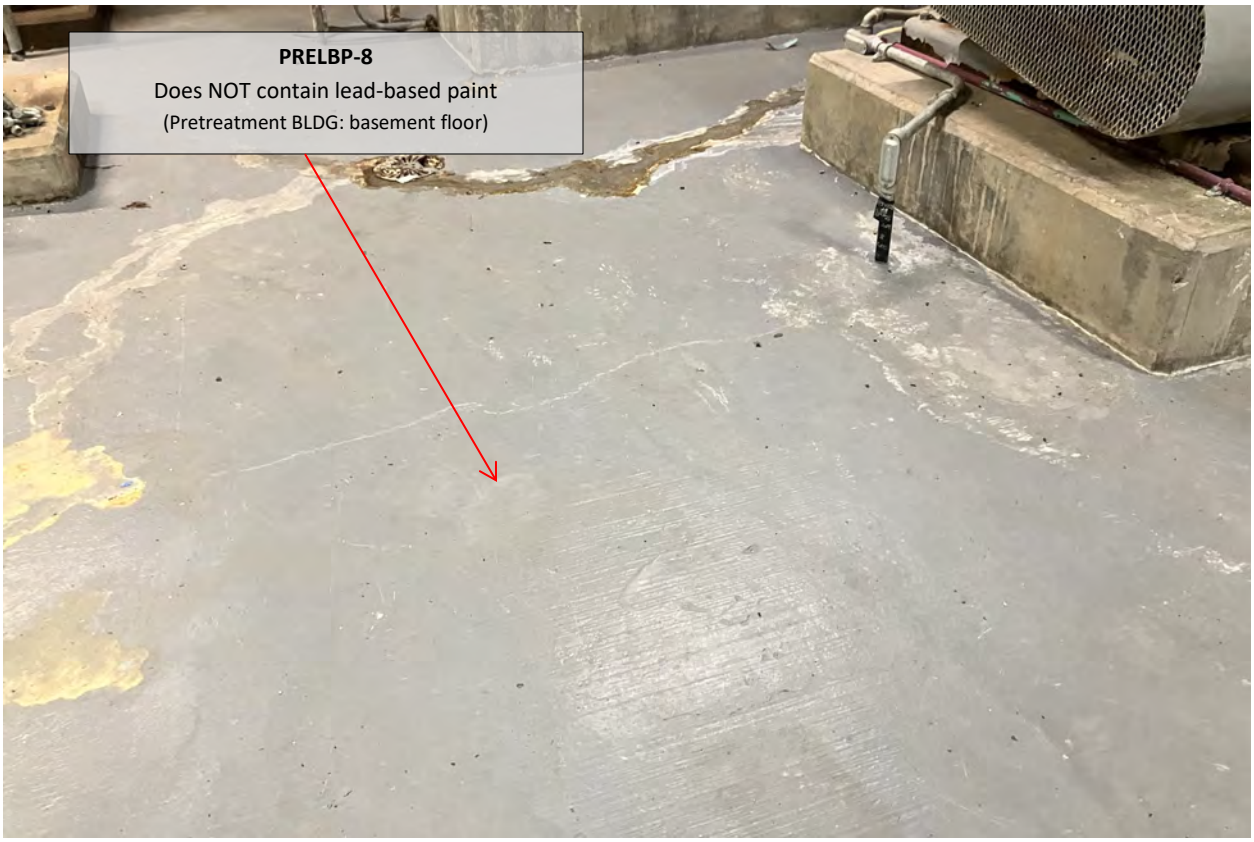

PRELBP-3
Does NOT contain lead-based paint
(Pretreatment BLDG: Spencer blowers in blower room)

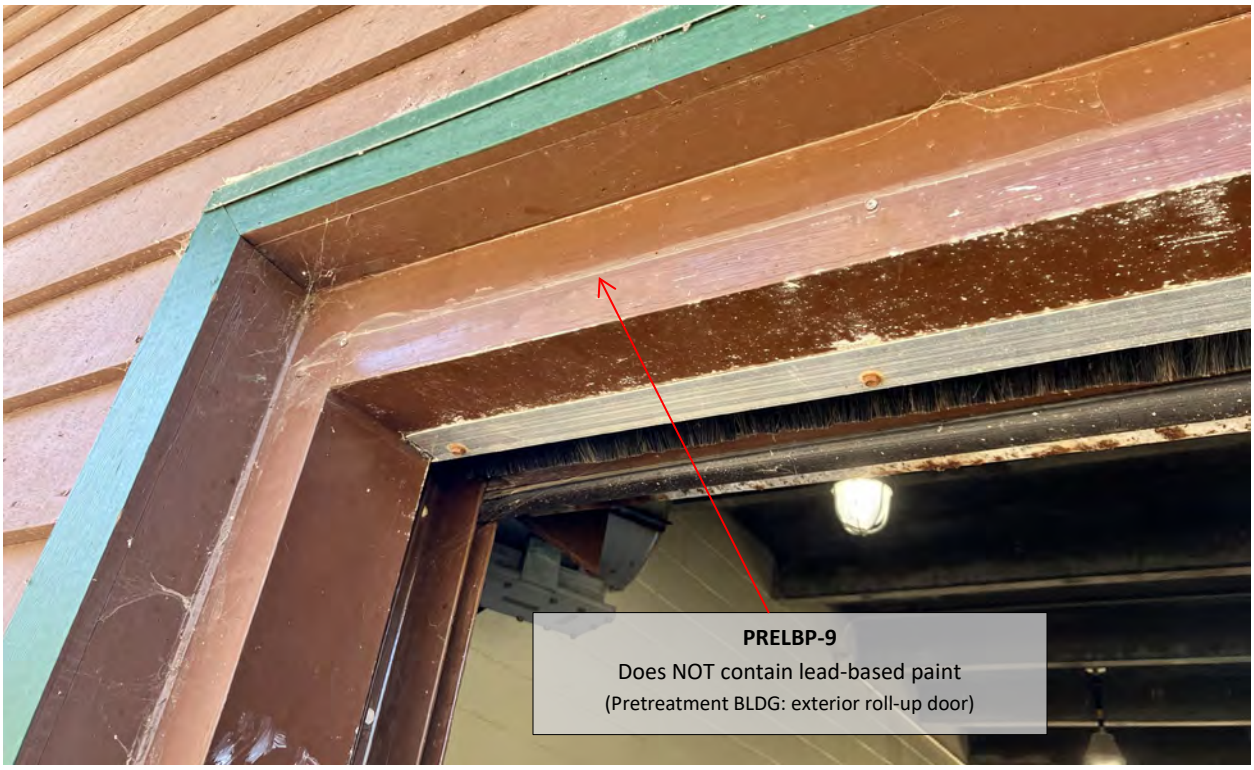
AIR INTAKE
PRELBP-4
Contains lead-based paint
(Pretreatment BLDG: blower room)


PRELBP-5
Does NOT contain lead-based paint
(Pretreatment BLDG: electrical room)

CLARIFIER 2 WAS
WRP SLUDGE
PRELBP-6
Does NOT contain lead-based paint
(Pipe Gallery)

PRELBP-7
Does NOT contain lead-based paint
(Pretreatment BLDG: Blower room)

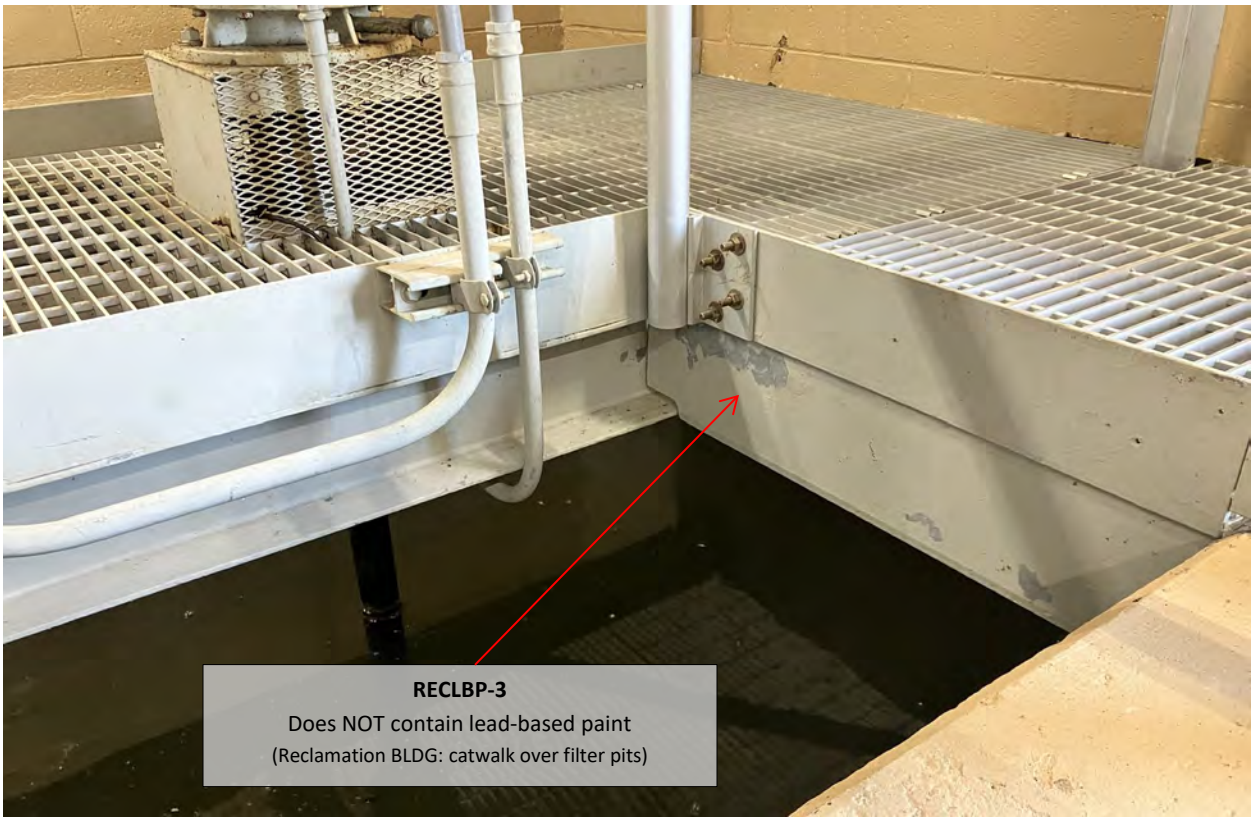



PRELBP-9
Does NOT contain lead-based paint
(Pretreatment BLDG: exterior roll-up door)

PRELBP-10
Does NOT contain lead-based paint
(Pretreatment BLDG: Exterior metal handrails on dock)

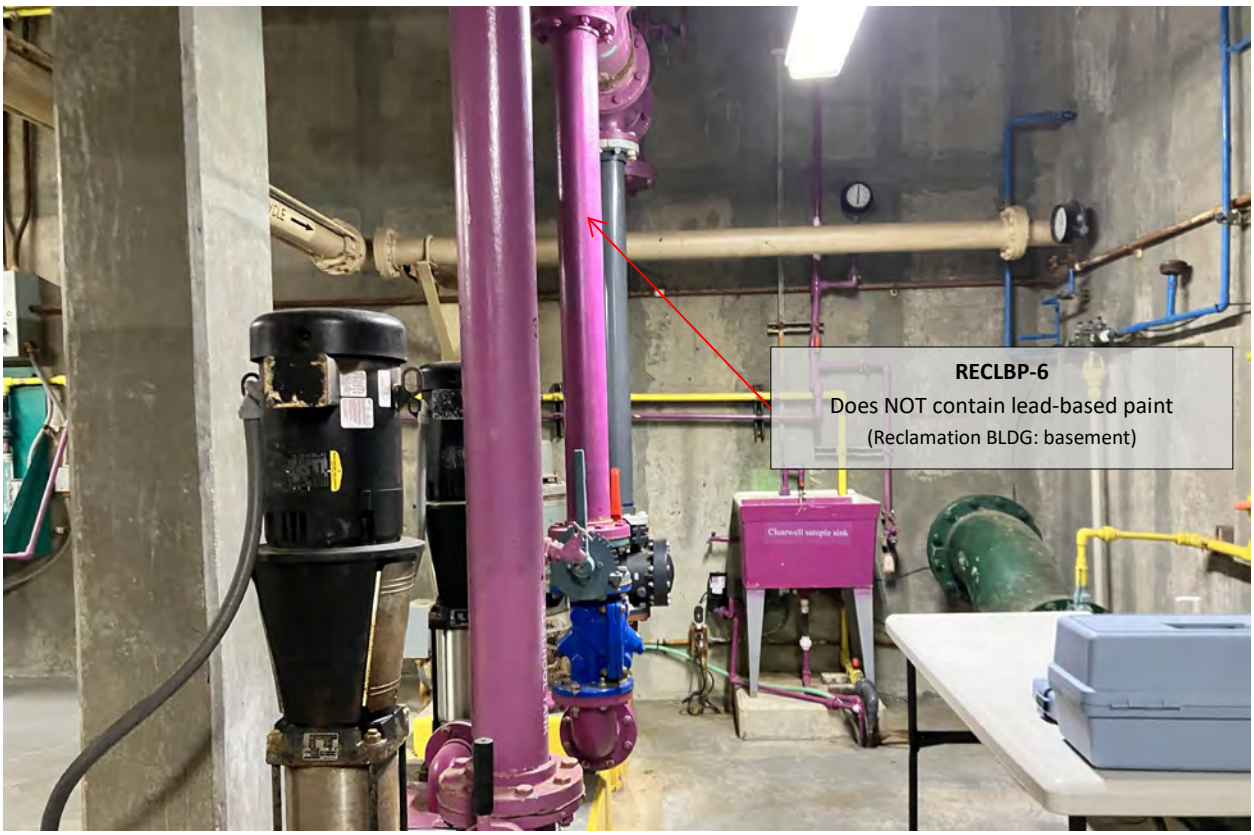
RECLBP-1
Contains lead-based paint
(Reclamation BLDG: railing for overhead hoist)

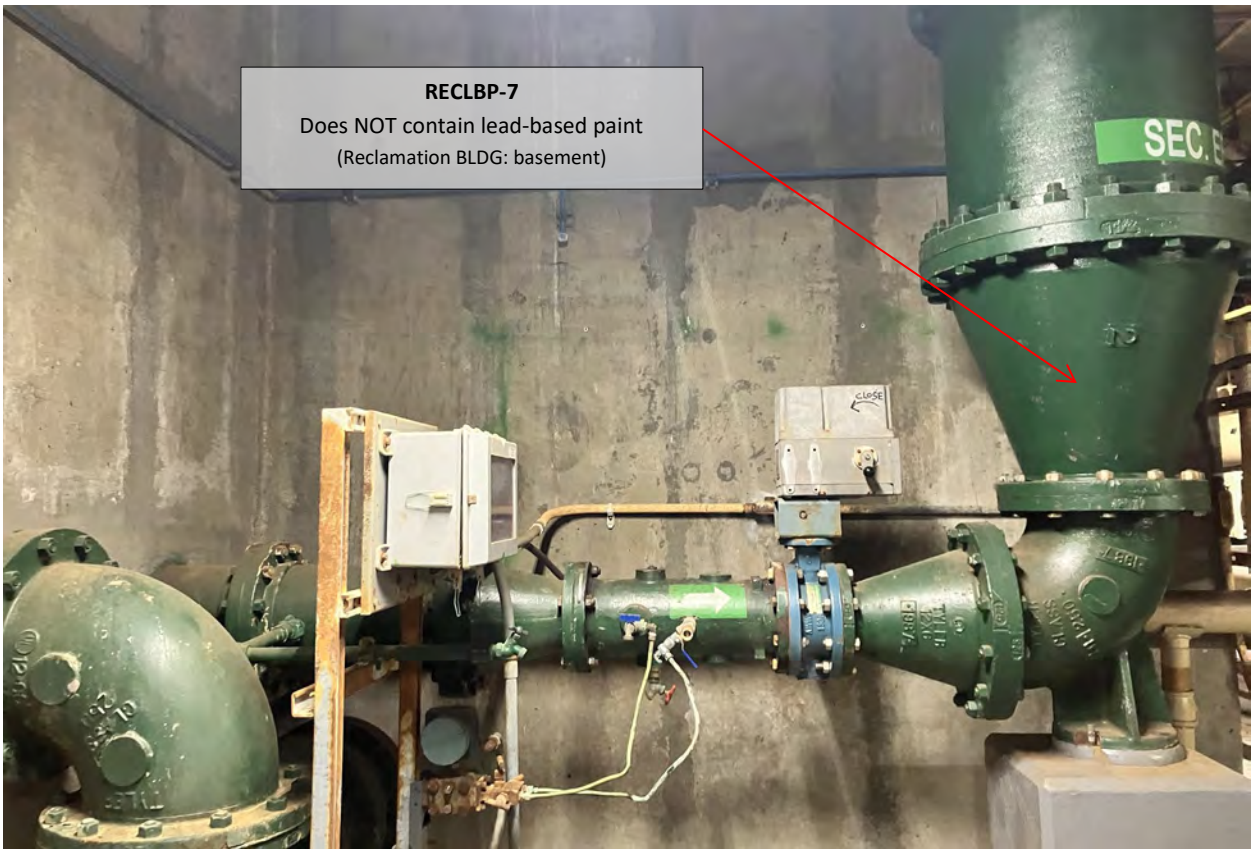
DANGER
RECLBP-2
Does NOT contain lead-based paint
(Reclamation BLDG: Piping in filter room)


RECLBP-3
Does NOT contain lead-based paint
(Reclamation BLDG: catwalk over filter pits)

RECLBP-4
Does NOT contain lead-based paint
(Reclamation BLDG: walls in filter room)

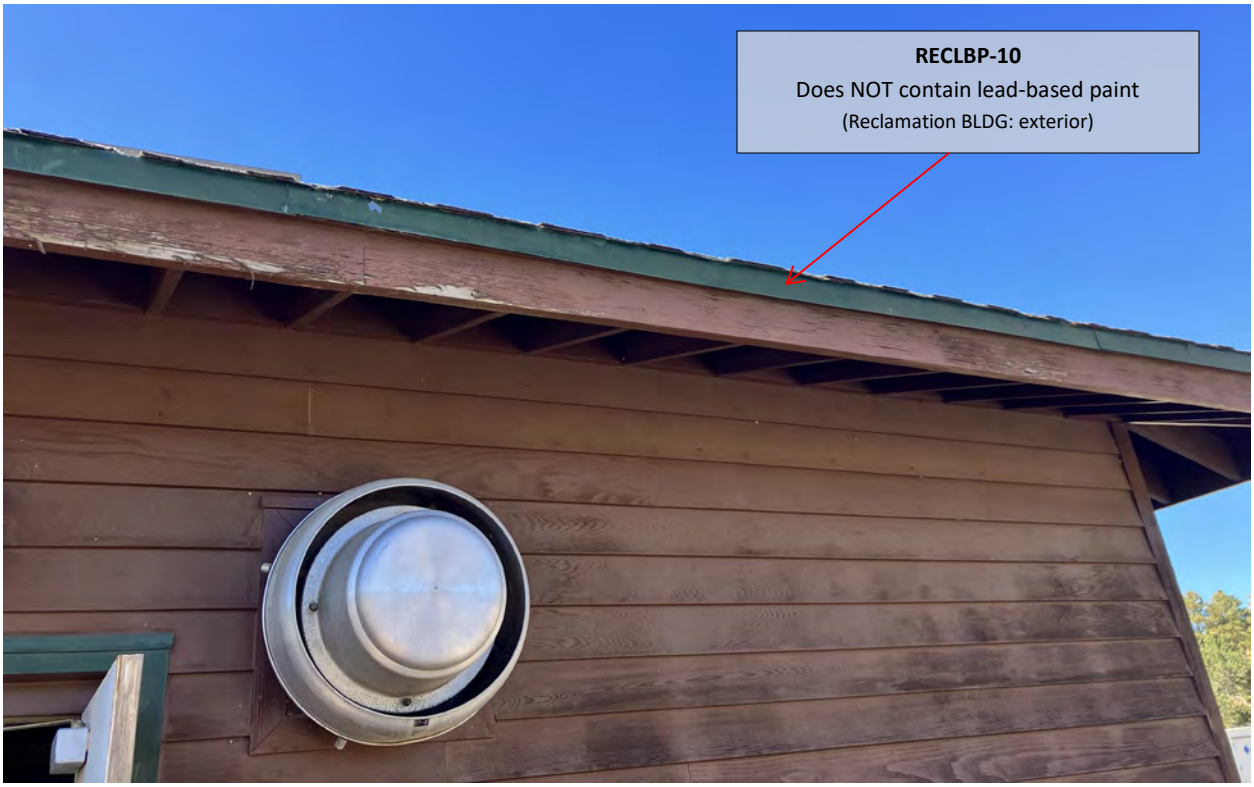
RECLBP-5
Does NOT contain lead-based paint
(Reclamation BLDG: catwalk over tanks on north exterior)


RECLBP-6
Does NOT contain lead-based paint
(Reclamation BLDG: basement)


RECLBP-7
Does NOT contain lead-based paint
(Reclamation BLDG: basement)
SEC.
CLOSE

RECLBP-8
Does NOT contain lead-based paint
(Pretreatment BLDG: HVAC ductwork)

RECLBP-9
Does NOT contain lead-based paint
(Reclamation BLDG: basement equipment pads)


RECLBP-10
Does NOT contain lead-based paint
(Reclamation BLDG: exterior)

EXTLBP-1
Does NOT contain lead-based paint
(Primary clarifier)

EXTLBP-2
Does NOT contain lead-based paint
(Catwalk above secondary clarifier)

EXTLBP-3
Does NOT contain lead-based paint
(Catwalk above secondary clarifier)

EXTLBP-5
Does NOT contain lead-based paint
(Handrail around flow equalization basin)

EXTLBP-6
Does NOT contain lead-based paint
(Pump housing above filter pits above filter pits
by Reclamation BLDG)

EXTLBP-7
Does NOT contain lead-based paint
(Conex shipping container)

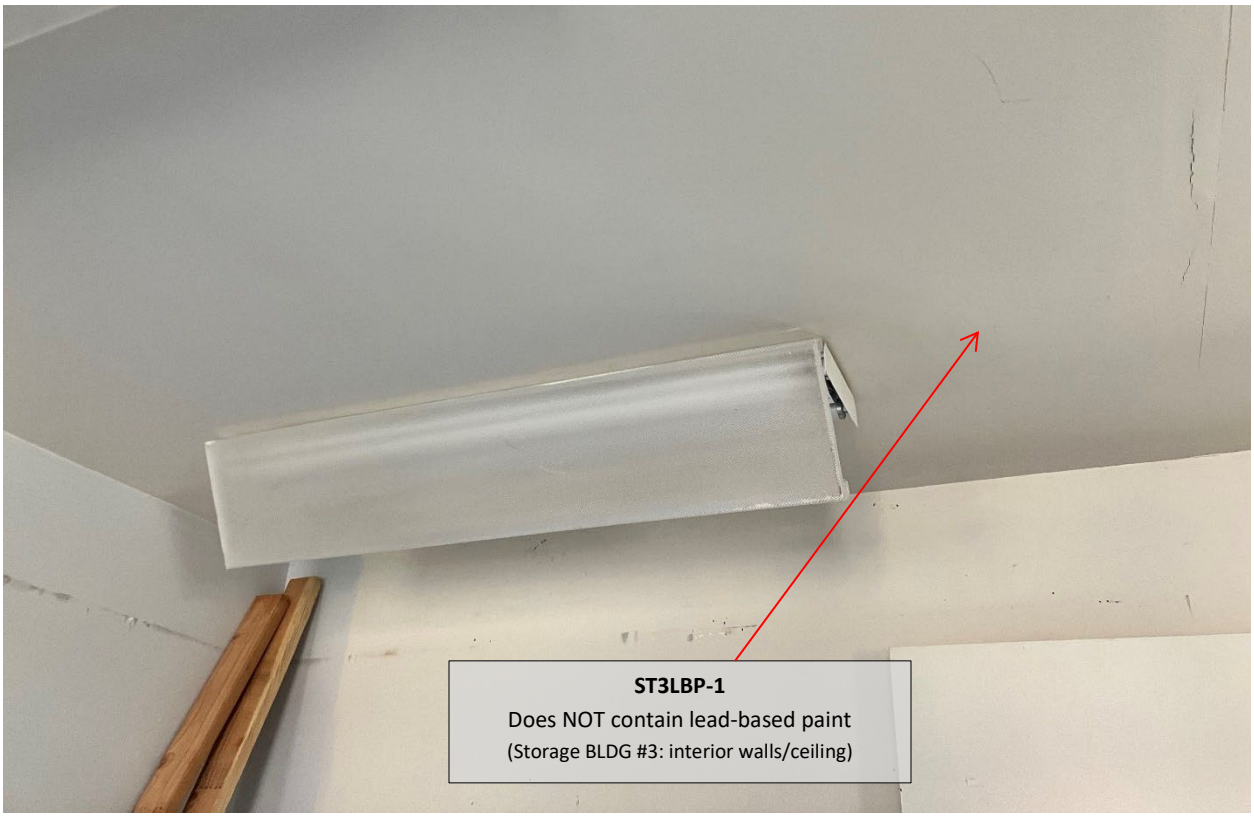
EXTLBP-8
Does NOT contain lead-based paint
(Portable chemical storage container)
SAFETY STORAGE

OXIDIZER
SAFETY STORAGE
EXTLBP-9
Does NOT contain lead-based paint
(Portable chemical storage containers)

ST1LBP-1
Does NOT contain lead-based paint
(Storage BLDG#1: interior walls)

ST2LBP-1
Does NOT contain lead-based paint
(Exterior wall of Storage BLDG #2)

ST2LBP-2
Does NOT contain lead-based paint
(Deck/railing on Storage BLDG #2)


ST3LBP-1
Does NOT contain lead-based paint
(Storage BLDG #3: interior walls/ceiling)

ST3LBP-2
Insufficient paint
(Storage BLDG #3: interior wall)

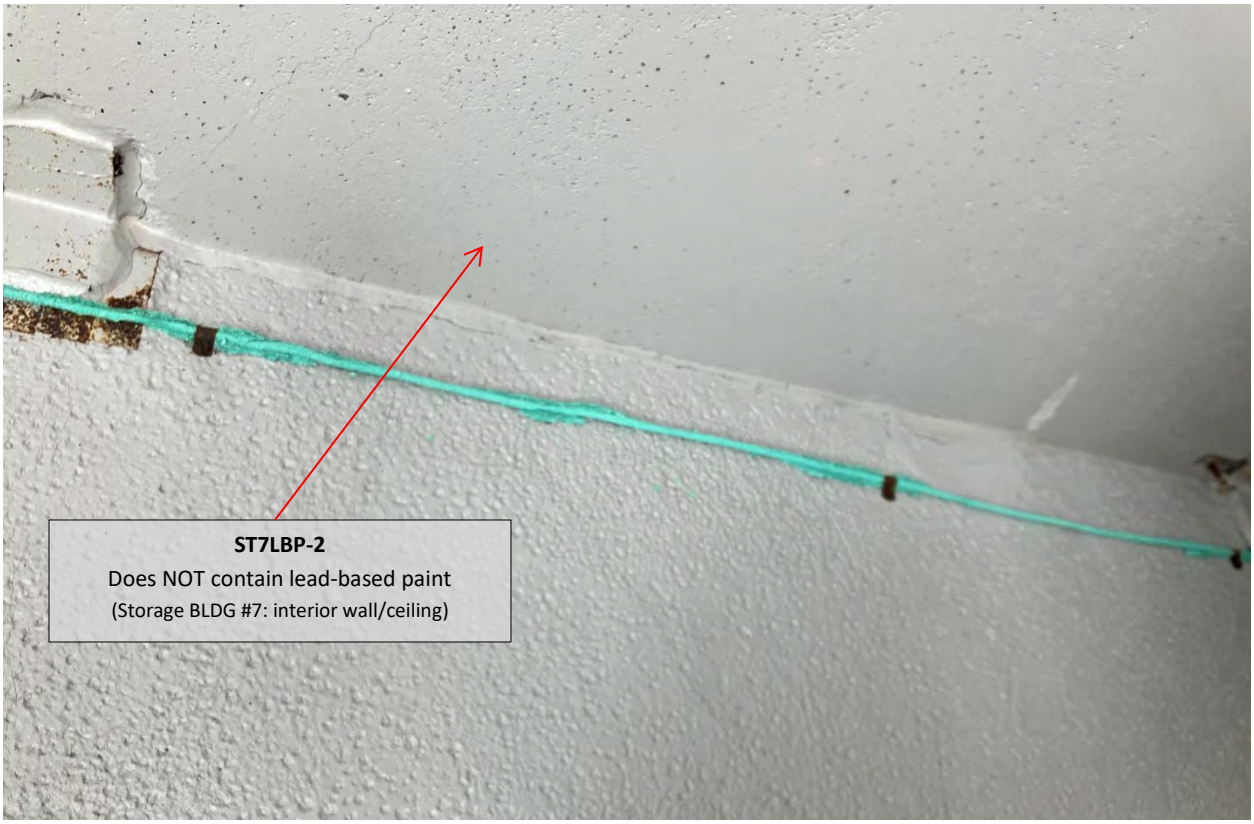
ST3LBP-3
Does NOT contain lead-based paint
(Storage BLDG #3: exterior)

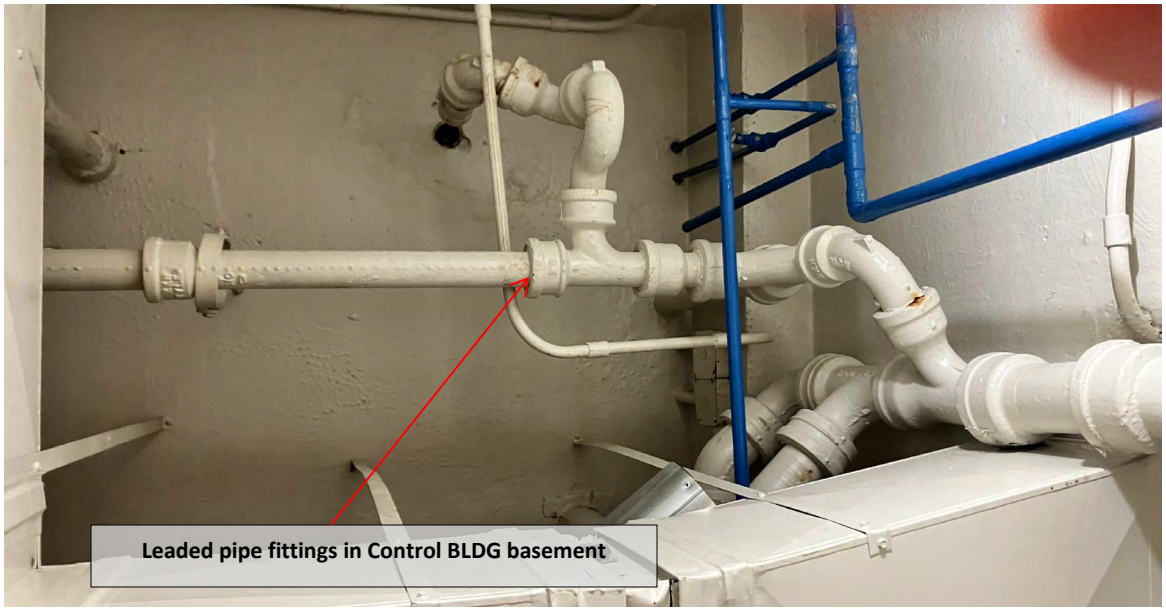
ST4LBP-1
Does NOT contain lead-based paint
(Storage BLDG #4: interior)

ST4LBP-2
Does NOT contain lead-based paint
(Storage BLDG #6: interior floor)

ST5LBP-1
Does NOT contain lead-based paint
(Storage BLDG #6: exterior wall)

ST7LBP-1
Does NOT contain lead-based paint
(Storage BLDG #7: exterior concrete wall)


ST7LBP-2
Does NOT contain lead-based paint
(Storage BLDG #7: interior wall/ceiling)


Leaded pipe fittings in Control BLDG basement

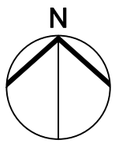
Attachment III:

Floor Plan Drawings with ACM and Sample Locations Identified

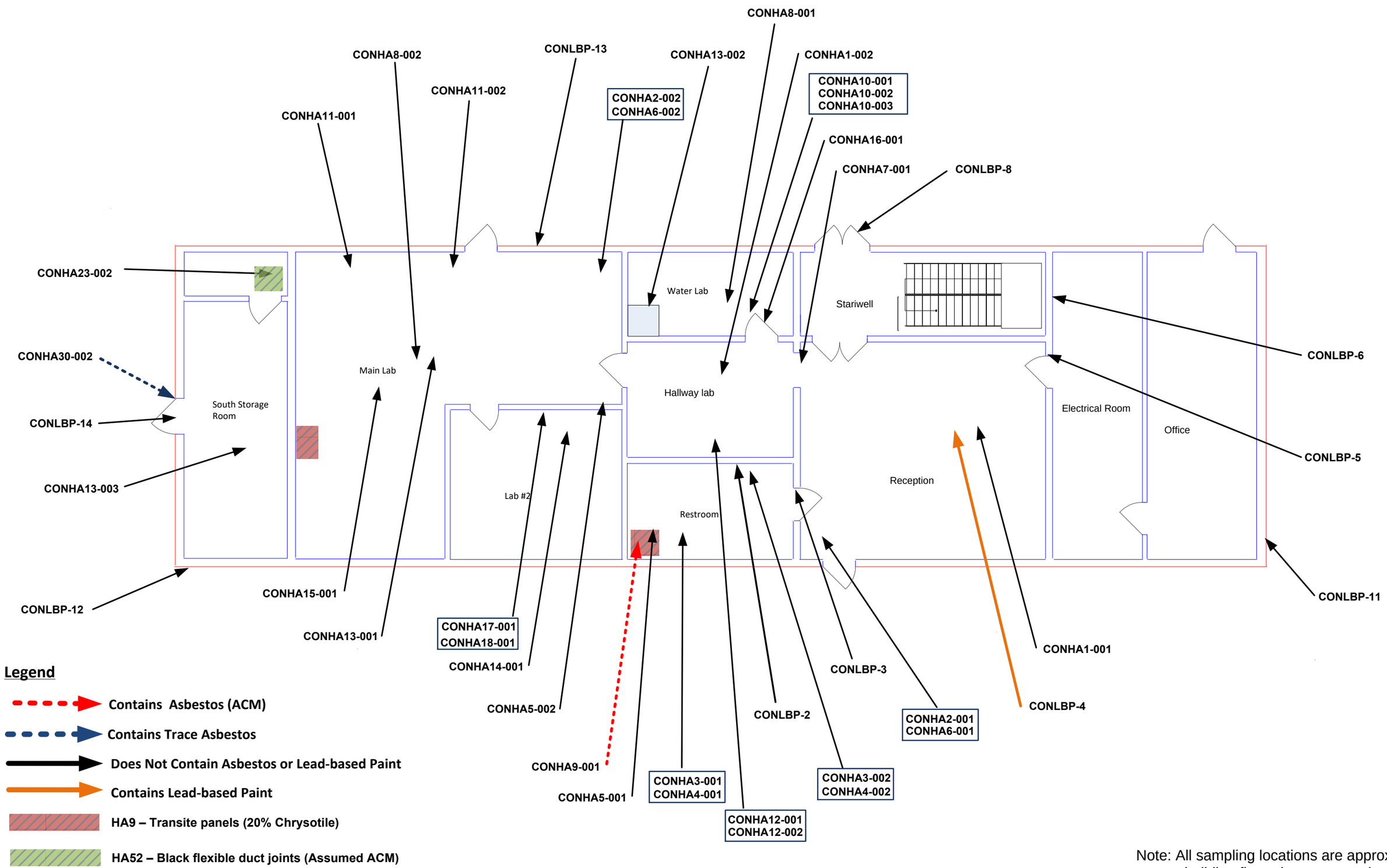
Site Map: Grand Canyon South Rim Wastewater Treatment Plant

Legend

1 - Operations/Admin Building
2 - Pretreatment/Digester/Blower Building
3 - Pipe Gallery
4 - Reclamation Building
5 - Sludge drying beds
6 - Flow equalization basin
7 - Aeration tanks 1-5
8 - Clarifiers 1 and 2
9 - Storage Building #1
10 - Storage Building #2
11 - Storage Building #3
12 - Storage Building #4
13 - Storage Building #5
14 - Storage Building #6
15 - Storage Building #7
16 - Chemical storage containers #1-3
17 - Chemical storage container #4
18 - Conex storage container #1
19 - Conex storage container #2
20 - Conex storage container #3
21 - Portable toilet storage lot

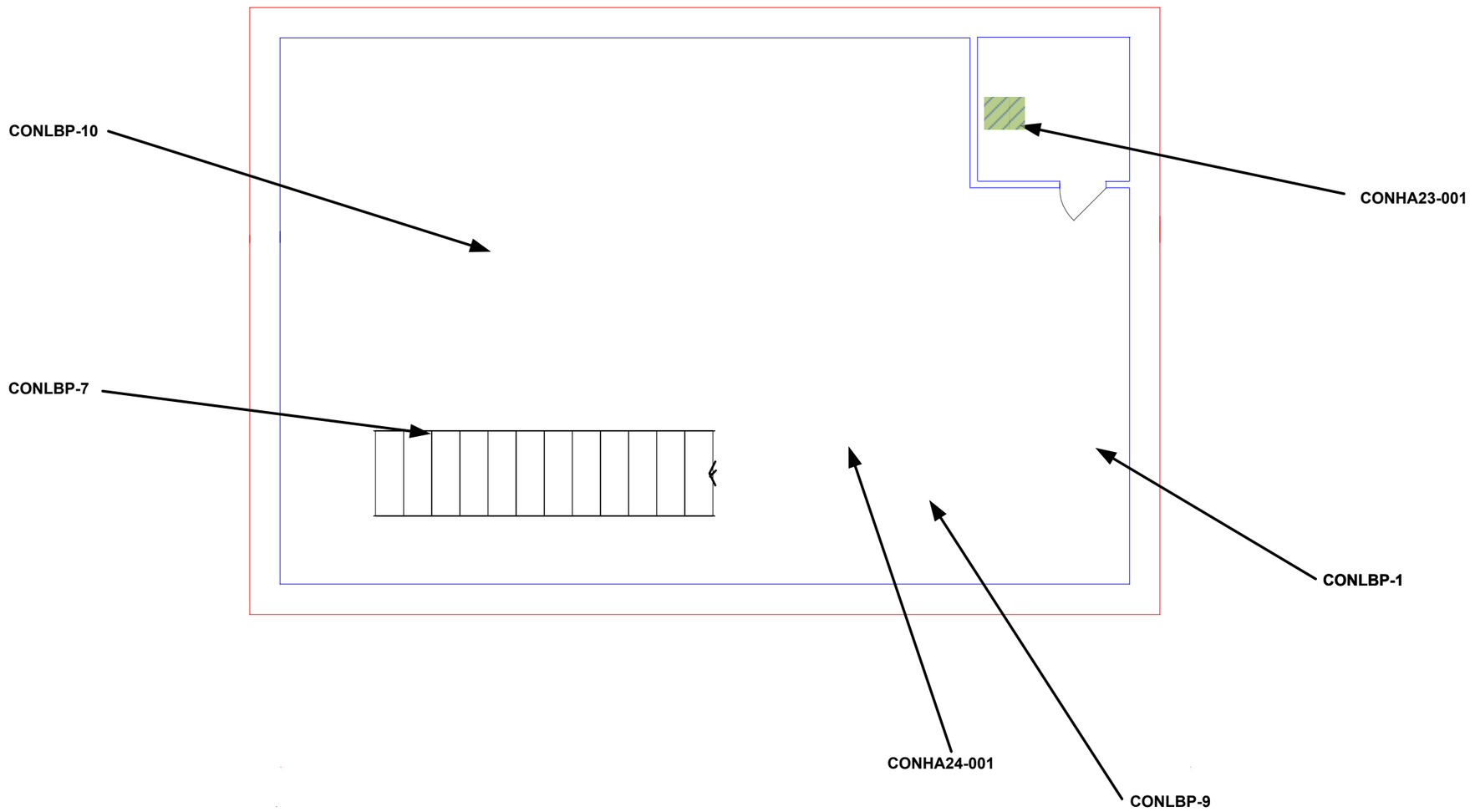


Asbestos and Lead Sample Locations – Control Building Main Level



Note: All sampling locations are approximate, building floor plan not to scale.

Asbestos and Lead Sample Locations – Control Building Basement

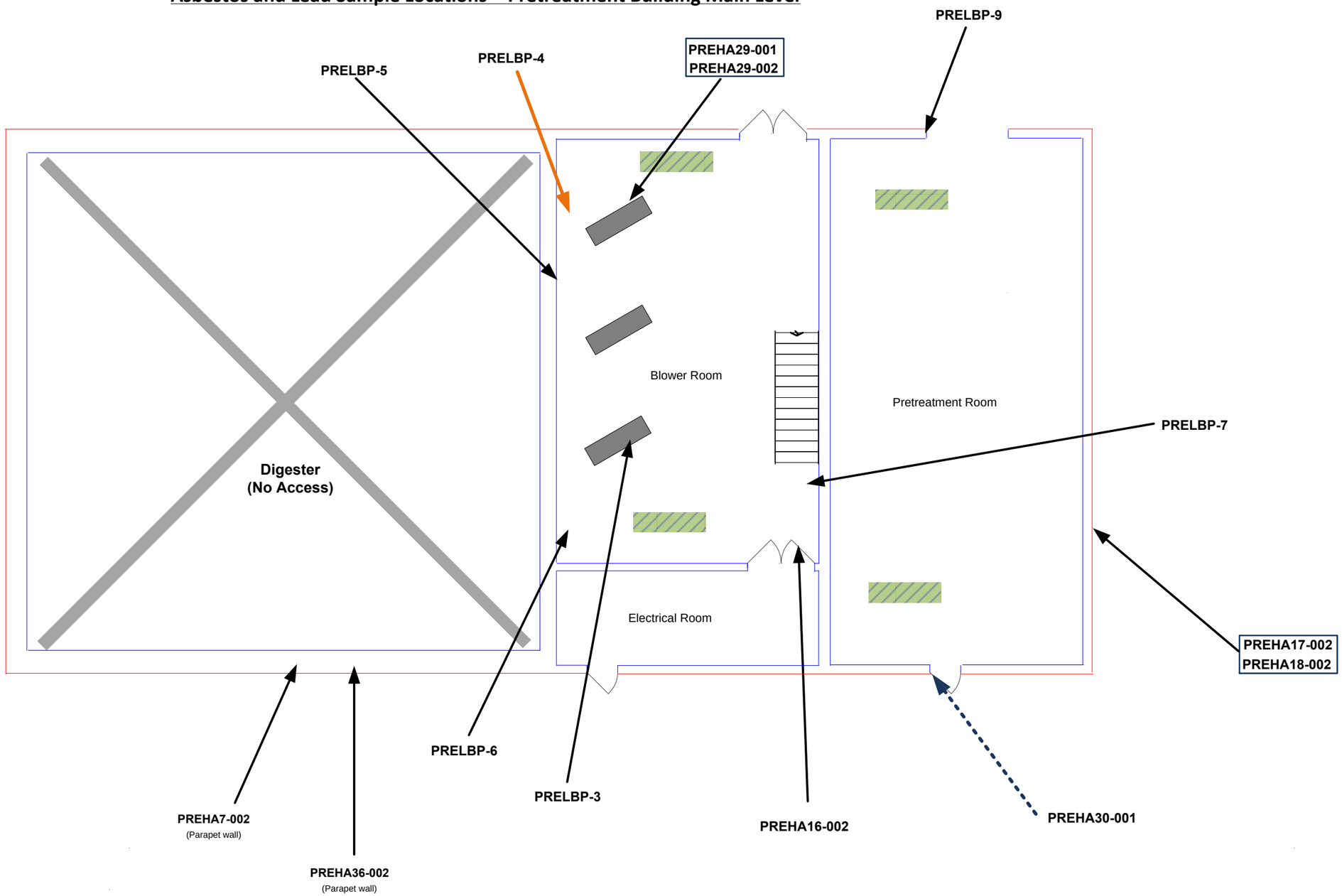


Legend

- Contains Asbestos (ACM)
- Contains Trace Asbestos
- Does Not Contain Asbestos or Lead-based Paint
- Contains Lead-based Paint
- HA52 – Black flexible duct joints (Assumed ACM)

Note: All sampling locations are approximate, building floor plan not to scale.

Asbestos and Lead Sample Locations – Pretreatment Building Main Level

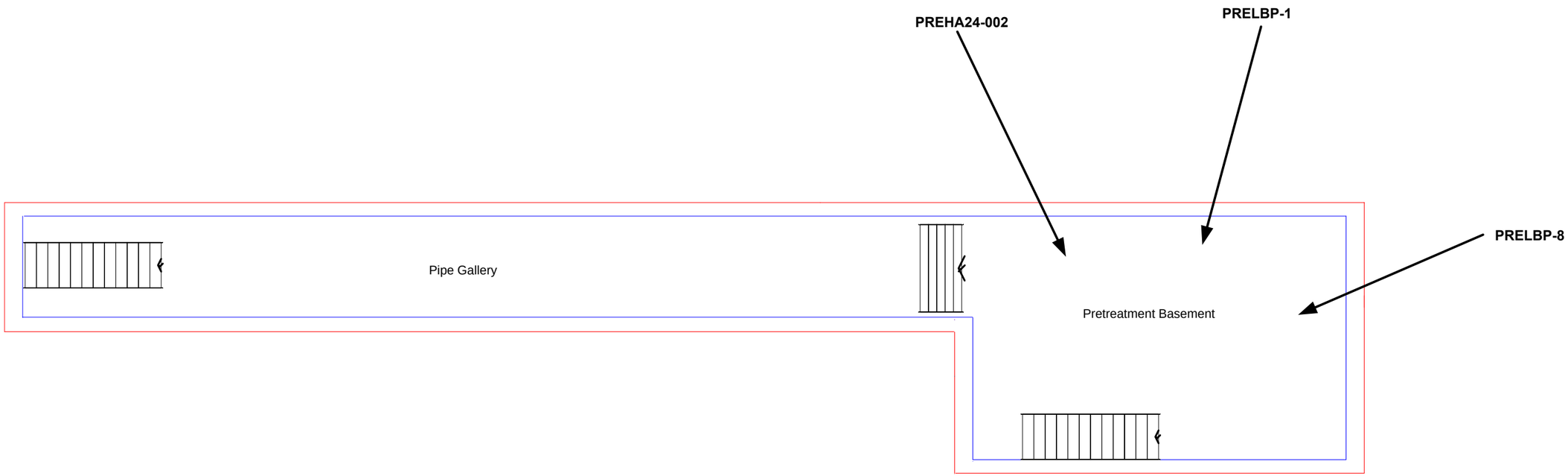


Legend

- Contains Asbestos (ACM)
- Contains Trace Asbestos
- Does Not Contain Asbestos or Lead-based Paint
- Contains Lead-based Paint
- HA52 – Black flexible duct joints (Assumed ACM)

Note: All sampling locations are approximate, building floor plan not to scale.

Asbestos and Lead Sample Locations – Pretreatment Building Basement

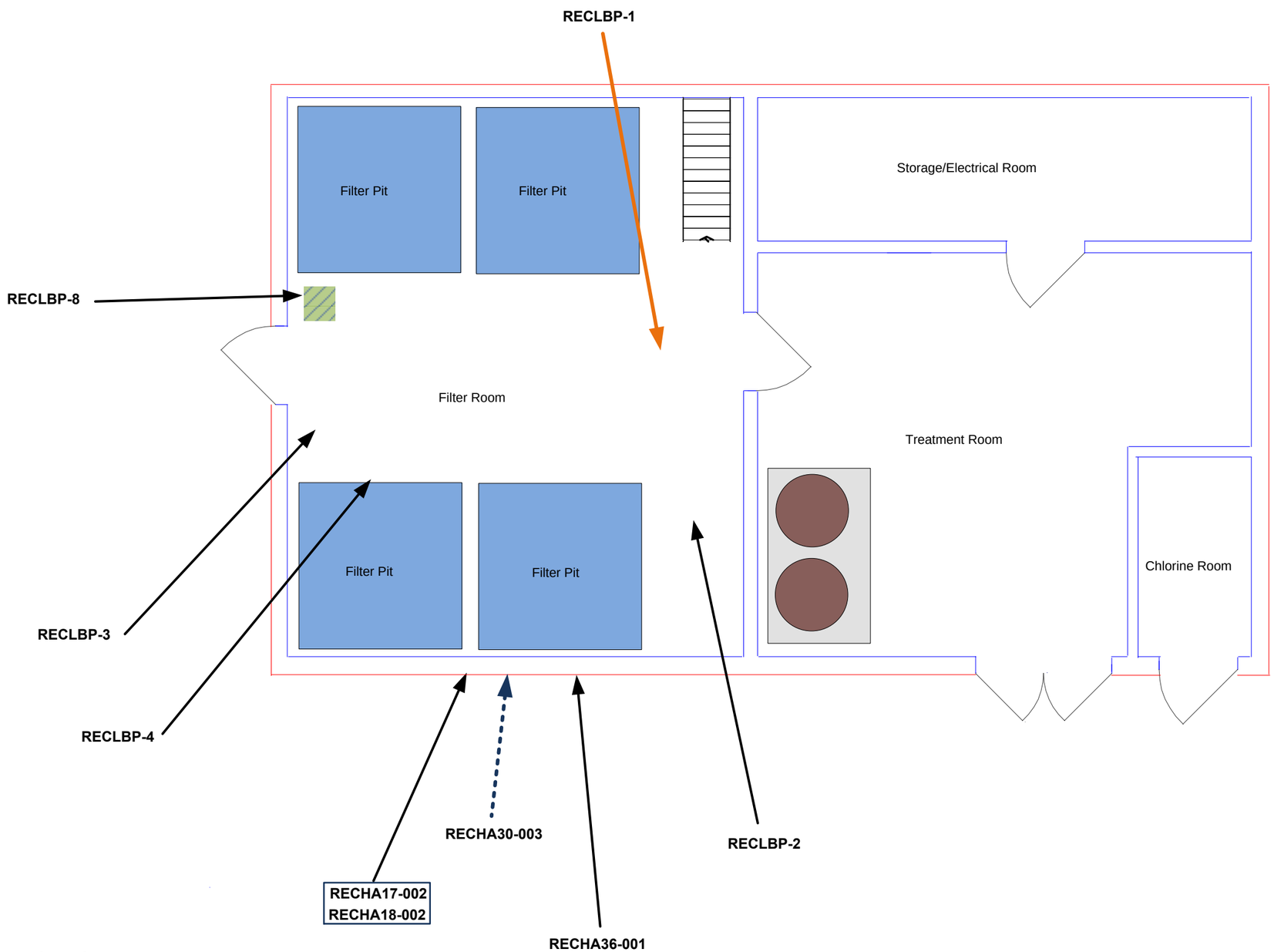


Legend

- Contains Asbestos (ACM)
- Contains Trace Asbestos
- Does Not Contain Asbestos or Lead-based Paint
- Contains Lead-based Paint

Note: All sampling locations are approximate, building floor plan not to scale.

Asbestos and Lead Sample Locations – Reclamation Building Main Level

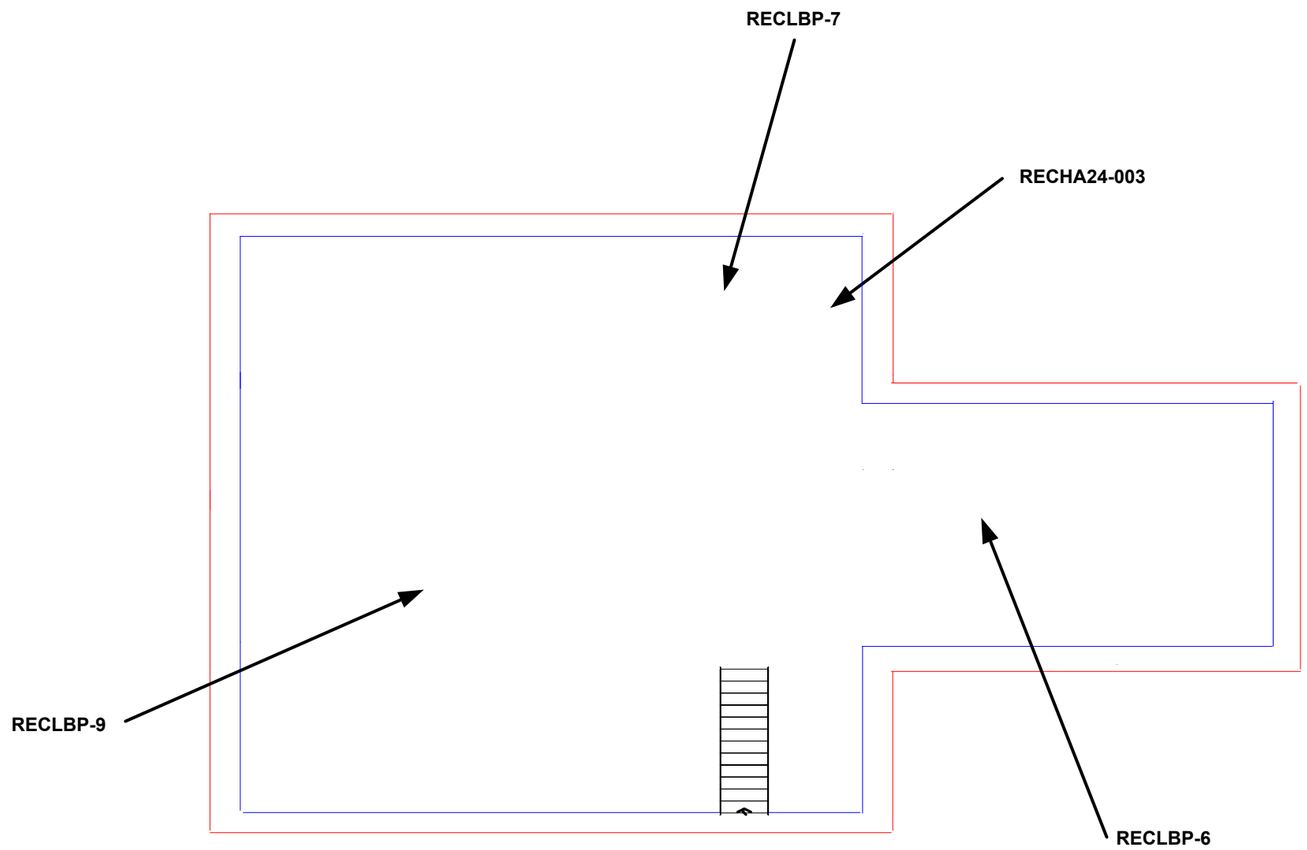


Legend

- Contains Asbestos (ACM)
- Contains Trace Asbestos
- Does Not Contain Asbestos or Lead-based Paint
- Contains Lead-based Paint
- HA52 – Black flexible duct joints (Assumed ACM)

Note: All sampling locations are approximate, building floor plan not to scale.

Asbestos and Lead Sample Locations – Reclamation Building Basement

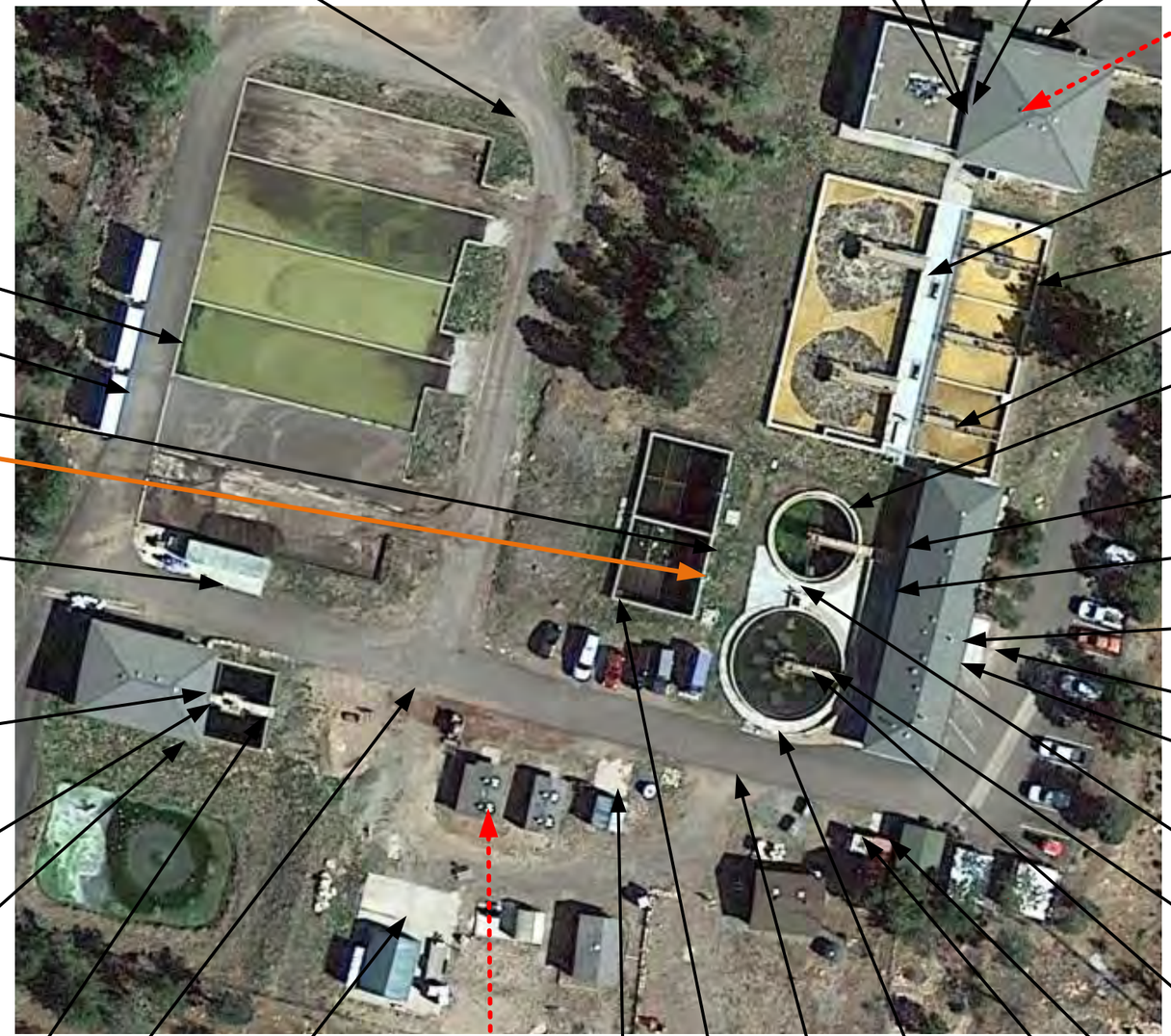


Legend

- Contains Asbestos (ACM)
- Contains Trace Asbestos
- Does Not Contain Asbestos or Lead-based Paint
- Contains Lead-based Paint

Note: All sampling locations are approximate, building floor plan not to scale.

Sampling Locations for Suspect Asbestos Containing Materials (ACM) – Exterior and Site Wide



EXTHA33-004

PREHA28-001

PRELBP-2

Roof
PREHA25-001
PREHA26-001
PREHA26-002

PRELBP-10

PREHA27-001

EXTHA35-002

EXTHA7-007

EXTLBP-6

EXTHA7-006

EXTHA7-004

EXTLBP-9

EXTLBP-5

EXTLBP-4

Roof
CONHA19-002
CONHA20-002
CONHA21-002

CONHA22-002

ST7HA7-008

CONHA19-001
CONHA20-001
CONHA21-001

Roof
RECHA25-002
RECHA31-001
RECHA31-002
RECHA32-001
RECHA32-002

EXTHA33-001

CONHA22-001

RECLBP-10

RECHA28-002

EXTHA34-002

EXTLBP-2

EXTHA35-001
EXTLBP-3

RECLBP-5

EXTHA33-003

EXTHA7-003

ST6HA27-002

EXTHA7-005

ST4HA7-009

EXTHA34-001
EXTLBP-1

EXTHA33-002

EXTLBP-7

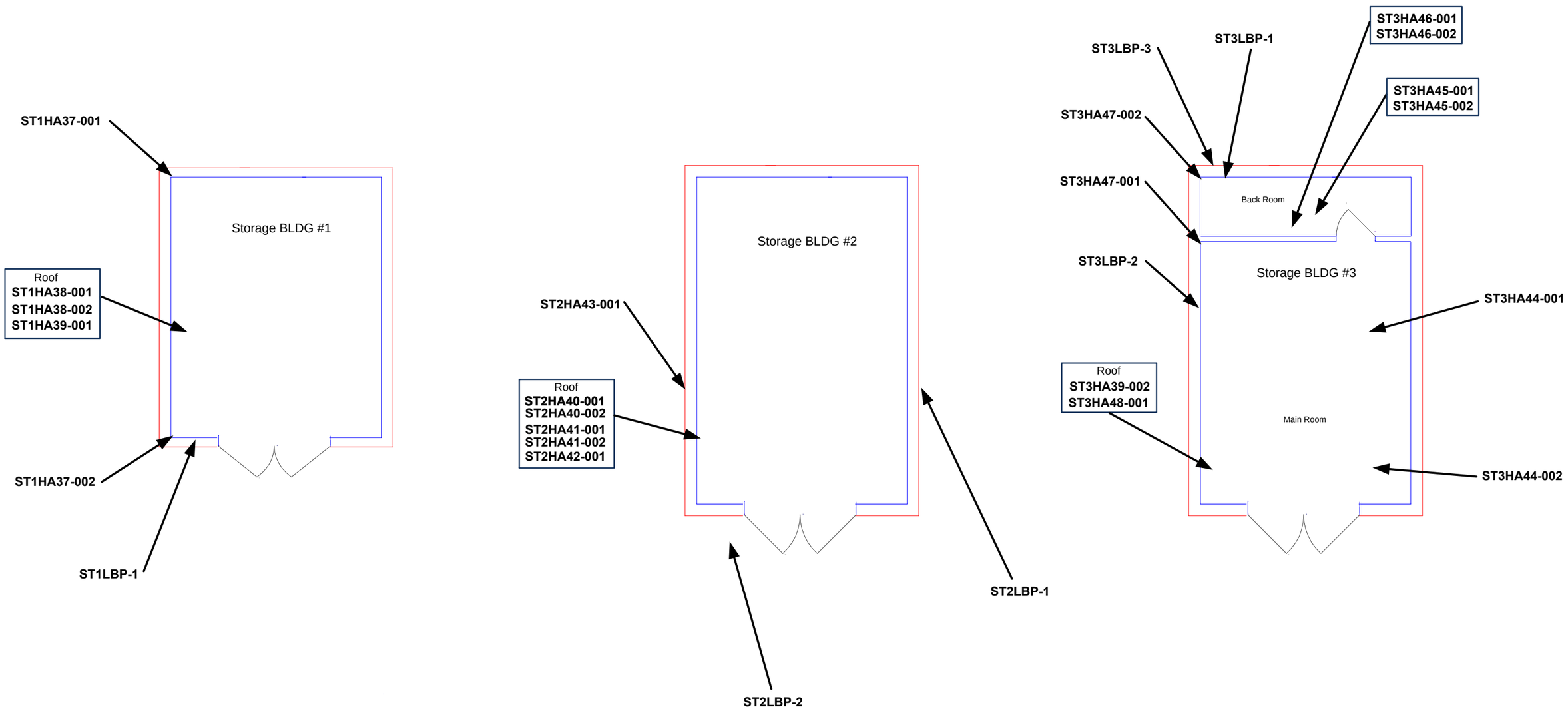
EXTLBP-8

Legend

- Contains Asbestos (ACM)
- Contains Trace Asbestos
- Does Not Contain Asbestos or Lead-based Paint
- Contains Lead-based Paint

Note: All sampling locations are approximate.

Asbestos and Lead Sample Locations – Storage Buildings #1, 2, and 3

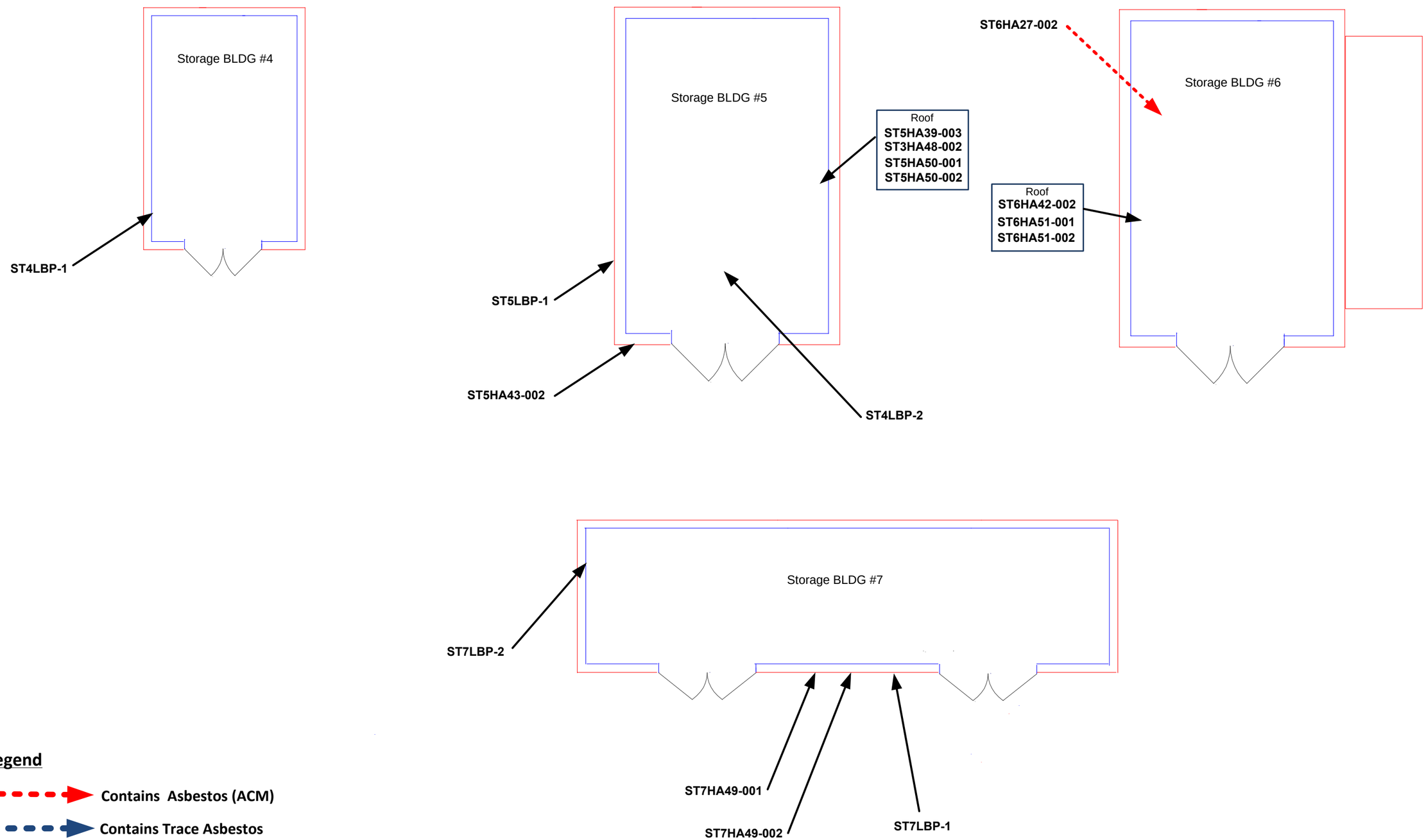


Legend

- Contains Asbestos (ACM)
- Contains Trace Asbestos
- Does Not Contain Asbestos or Lead-based Paint
- Contains Lead-based Paint

Note: All sampling locations are approximate, building floor plans not to scale.

Asbestos and Lead Sample Locations –Storage Buildings #4, 5, 6, and 7



Legend

- Contains Asbestos (ACM)
- Contains Trace Asbestos
- Does Not Contain Asbestos or Lead-based Paint
- Contains Lead-based Paint

Note: All sampling locations are approximate, building floor plans not to scale.

Attachment IV:

Analytical Laboratory Results

EMSL Analytical, Inc.
6340 CastlePlace Dr. Indianapolis, IN 46250
Tel/Fax: (317) 803-2997 / (317) 803-3047
http://www.EMSL.com / indianapolislab@emsl.com

EMSL Order: 162324743
Customer ID: 32CJSS78A
Customer PO:
Project ID:

Attention: Kaylee DeCosta
CJ Seto Support Services LLC
13980 E. CAPT WJ Nelson Dr
Odon, IN 47562

Project: GC South Rim WWTP.2910.ASB

Phone: (930) 350-0400
Fax:
Received Date: 10/20/2023 10:10 AM
Analysis Date: 10/27/2023
Collected Date:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
CONHA1-001 *162324743-0001*	Control Building - Sus. Ceiling - Reception/Office - 2'x4' Ceiling Panel - White with Small Gouges and Pinholes	Gray/White Fibrous Homogeneous	60% Cellulose 20% Min. Wool HA: 1	15% Perlite 5% Non-fibrous (Other)	None Detected
CONHA1-002 *162324743-0002*	Control Building - Sus. Ceiling -- Hallway Lab - 2'x4' Ceiling Panel - White with Small Gouges and Pinholes	Gray/White Fibrous Homogeneous	60% Cellulose 20% Min. Wool HA: 1	15% Perlite 5% Non-fibrous (Other)	None Detected
CONHA2-001 *162324743-0003*	Control Building - Floor in Reception/Office - 12"x12" Floor Tile - White with Gray Flecks	Gray/White Non-Fibrous Homogeneous	HA: 2	100% Non-fibrous (Other)	None Detected
CONHA2-002 *162324743-0004*	Control Building - Floor in Main Lab - 12"x12" Floor Tile - White with Gray Flecks	Gray/White Non-Fibrous Homogeneous	HA: 2	100% Non-fibrous (Other)	None Detected
CONHA3-001 *162324743-0005*	Control Building - Floor in Restroom - 12"x12" Floor Tile - White with Large Gray Flecks	Gray/White Non-Fibrous Homogeneous	HA: 3	100% Non-fibrous (Other)	None Detected
CONHA3-002 *162324743-0006*	Control Building - Floor in Restroom - 12"x12" Floor Tile - White with Large Gray Flecks	Gray/White Non-Fibrous Homogeneous	HA: 3	100% Non-fibrous (Other)	None Detected
CONHA4-001 *162324743-0007*	Control Building - Floor in Restroom - Under hA3 FT - Tan Floor Tile Mastic	Tan Non-Fibrous Homogeneous	HA: 4	100% Non-fibrous (Other)	None Detected
CONHA4-002 *162324743-0008*	Control Building - Floor in Restroom - Under hA3 FT - Tan Floor Tile Mastic	Tan Non-Fibrous Homogeneous	HA: 4	100% Non-fibrous (Other)	None Detected

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Customer ID: 32CJSS78A
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Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
CONHA5-001 *162324743-0009*	Control Building - Behind Rubber Cove Base in Restroom - Brown-tan Cove Base Mastic	Brown Non-Fibrous Homogeneous	HA: 5	100% Non-fibrous (Other)	None Detected
CONHA5-002 *162324743-0010*	Control Building - Behind Rubber Cove Base in Main Lab - Brown-tan Cove Base Mastic	Tan Non-Fibrous Homogeneous	HA: 5	100% Non-fibrous (Other)	None Detected
CONHA6-001 *162324743-0011*	Control Building - Floor in Reception/Office - Under HA2 FT - Tan Floor Tile Mastic	Tan Non-Fibrous Homogeneous	HA: 6	100% Non-fibrous (Other)	None Detected
CONHA6-002 *162324743-0012*	Control Building - Floor in Main Lab - Under HA2 FT - Tan Floor Tile Mastic	Tan Non-Fibrous Homogeneous	HA: 6	100% Non-fibrous (Other)	None Detected
CONHA7-001 *162324743-0013*	Control Building - Concrete	Gray Non-Fibrous Homogeneous	HA: 7	20% Quartz 80% Non-fibrous (Other)	None Detected
PREHA7-002 *162324743-0014*	Digester Building - Parapet Wall Roof - Concrete	Gray Non-Fibrous Homogeneous	HA: 7	20% Quartz 80% Non-fibrous (Other)	None Detected
EXTHA7-003 *162324743-0015*	Cpncrete Pad - Portable Toilet Storage - Concrete	Gray Non-Fibrous Homogeneous	HA: 7	20% Quartz 80% Non-fibrous (Other)	None Detected
EXTHA7-004 *162324743-0016*	Sludge Drying Beds - Concrete	Gray Non-Fibrous Homogeneous	HA: 7	20% Quartz 80% Non-fibrous (Other)	None Detected
EXTHA7-005 *162324743-0017*	Flow Equalization Tank - Concrete	Gray Non-Fibrous Homogeneous	HA: 7	20% Quartz 80% Non-fibrous (Other)	None Detected
EXTHA7-006 *162324743-0018*	Clarifier Tank - Concrete	Gray Non-Fibrous Homogeneous	HA: 7	20% Quartz 80% Non-fibrous (Other)	None Detected
EXTHA7-007 *162324743-0019*	Aeration Tank - Concrete	Gray Non-Fibrous Homogeneous	HA: 7	20% Quartz 80% Non-fibrous (Other)	None Detected
ST7HA7-008 *162324743-0020*	Concrete Wall of Chemical Storage Building #7 - Concrete	Gray Non-Fibrous Homogeneous	HA: 7	20% Quartz 80% Non-fibrous (Other)	None Detected
ST7HA7-009 *162324743-0021*	Concrete Pad for Storage Building #4 - Concrete	Gray Non-Fibrous Homogeneous	HA: 7	20% Quartz 80% Non-fibrous (Other)	None Detected

Initial report from: 10/27/2023 17:05:10

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EMSL Order: 162324743
Customer ID: 32CJSS78A
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
CONHA8-001 *162324743-0022*	Control Building - Sus. Ceiling in Water Lab - 2'x4' Ceiling Panel - White with Large Irregular Gouges	Gray/White Fibrous Homogeneous	60% Cellulose 20% Min. Wool HA: 8	15% Perlite 5% Non-fibrous (Other)	None Detected
CONHA8-002 *162324743-0023*	Control Building - Sus. Ceiling in Main Lab - 2'x4' Ceiling Panel - White with Large Irregular Gouges	Gray/White Fibrous Homogeneous	60% Cellulose 20% Min. Wool HA: 8	15% Perlite 5% Non-fibrous (Other)	None Detected
CONHA9-001 *162324743-0024*	Control Building - Restroom - Over Exhaust Stack - Transite Panel	Gray Fibrous Homogeneous	HA: 9	80% Non-fibrous (Other)	20% Chrysotile
CONHA10-001 *162324743-0025* *This is a composite of base coat and skim coat*	Control Building - Ceiling in Water Lab - Plaster - Base Coat and Skim Coat	Gray Non-Fibrous Homogeneous	HA: 10	30% Quartz 70% Non-fibrous (Other)	None Detected
CONHA10-002 *162324743-0026* *This is a composite of base coat and skim coat*	Control Building - Ceiling in Water Lab - Plaster - Base Coat and Skim Coat	Gray Non-Fibrous Homogeneous	HA: 10	30% Quartz 70% Non-fibrous (Other)	None Detected
CONHA10-003 *162324743-0027* *This is a composite of base coat and skim coat*	Control Building - Ceiling in Water Lab - Plaster - Base Coat and Skim Coat	Gray/White Non-Fibrous Homogeneous	HA: 10	20% Quartz 80% Non-fibrous (Other)	None Detected
CONHA11-001 *162324743-0028*	Control Building - Main Lab Counter - Black Laboratory Counter Top	Black Non-Fibrous Homogeneous	HA: 11	100% Non-fibrous (Other)	None Detected
CONHA11-002 *162324743-0029*	Control Building - Main Lab Counter - Black Laboratory Counter Top	Black Non-Fibrous Homogeneous	HA: 11	100% Non-fibrous (Other)	None Detected
CONHA12-001 *162324743-0030*	Control Building - Hallway Lab on Underside of Sink - White Sink Undercoating	White Non-Fibrous Homogeneous	20% Cellulose HA: 12	80% Non-fibrous (Other)	None Detected
CONHA12-002 *162324743-0031*	Control Building - Hallway Lab on Underside of Sink - White Sink Undercoating	White Non-Fibrous Homogeneous	20% Cellulose HA: 12	80% Non-fibrous (Other)	None Detected

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Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
CONHA13-001 *162324743-0032*	Control Building - Ceiling in Main Lab - 5/8" Drywall Composite	Brown/White Fibrous Heterogeneous	20% Cellulose	65% Gypsum 15% Non-fibrous (Other)	None Detected
This is a composite result of wallboard, jt. compound, and tape			HA: 13		
CONHA13-002 *162324743-0033*	Control Building - Wall in Water Lab - 5/8" Drywall Composite	Brown/White Fibrous Heterogeneous	20% Cellulose	65% Gypsum 15% Non-fibrous (Other)	None Detected
This is a composite result of wallboard, jt. compound, and tape			HA: 13		
CONHA13-003 *162324743-0034*	Control Building - Ceiling in S Storage Area - 5/8" Drywall Composite	Brown/White Fibrous Heterogeneous	30% Cellulose <1% Glass	60% Gypsum 10% Non-fibrous (Other)	None Detected
This is a composite result of wallboard, jt. compound, and tape			HA: 13		
CONHA14-001 *162324743-0035*	Control Building - Replacement Ceiling Panel in Lab #2 - 2'x4' Ceiling Panel - White with Gouges and Pinholes	Gray/White Fibrous Homogeneous	60% Cellulose 20% Min. Wool	15% Perlite 5% Non-fibrous (Other)	None Detected
			HA: 14		
CONHA15-001 *162324743-0036*	Control Building - Replacement Ceiling Panel in Main Lab - 2'x4' Ceiling Panel - White with Fissure and Pinholes	Gray/White Fibrous Homogeneous	60% Cellulose 20% Min. Wool	15% Perlite 5% Non-fibrous (Other)	None Detected
			HA: 15		
CONHA16-001 *162324743-0037*	Control Building - Inside Door to Water Lab - Corrugated Paper Inside Metal Fire Doors	Brown Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
			HA: 16		
PREHA16-002 *162324743-0038*	Pretreatment Building - Inside Door to Blower Room - Corrugated Paper Inside Metal Fire Doors	Brown Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
			HA: 16		
CONHA17-001 *162324743-0039*	Control Building - Wall in Lab #2 - Red CMU Block	Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
			HA: 17		
RECHA17-002 *162324743-0040*	Reclamation Building - Exterior Wall - Red CMU Block	Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
			HA: 17		
PREHA17-003 *162324743-0041*	Pretreatment Building - Exterior Wall - Red CMU Block	Red/Black Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
			HA: 17		
CONHA18-001 *162324743-0042*	Control Building - Wall in Lab #2 - CMU Mortar	Brown Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected

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Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
			HA: 18		
RECHA18-002 *162324743-0043*	Reclamation Building - Exterior Wall - CMU Mortar	Brown Non-Fibrous Homogeneous	HA: 18	20% Quartz 80% Non-fibrous (Other)	None Detected
PREHA18-003 *162324743-0044*	Pretreatment Building - Exterior Wall - CMU Mortar	Brown Non-Fibrous Homogeneous	HA: 18	20% Quartz 80% Non-fibrous (Other)	None Detected
CONHA19-001 *162324743-0045*	Control Building - Roof - Gray Structural Asphalt Roofing Shingles	Gray/Black Fibrous Heterogeneous	15% Glass HA: 19	85% Non-fibrous (Other)	None Detected
CONHA19-002 *162324743-0046*	Control Building - Roof - Gray Structural Asphalt Roofing Shingles	Gray/Black Fibrous Heterogeneous	15% Glass HA: 19	85% Non-fibrous (Other)	None Detected
CONHA20-001 *162324743-0047*	Control Building - Roof under HA19 - Black Roofing Felt	Black Fibrous Homogeneous	60% Cellulose HA: 20	40% Non-fibrous (Other)	None Detected
CONHA20-002 *162324743-0048*	Control Building - Roof under HA19 - Black Roofing Felt	Black Fibrous Homogeneous	60% Cellulose HA: 20	40% Non-fibrous (Other)	None Detected
CONHA21-001 *162324743-0049*	Control Building - Roof under HAs 19 and 20 - Black Ice/Water Shield	Black Fibrous Heterogeneous	15% Glass HA: 21	85% Non-fibrous (Other)	None Detected
CONHA21-002 *162324743-0050*	Control Building - Roof under HAs 19 and 20 - Black Ice/Water Shield	Black Fibrous Heterogeneous	15% Glass HA: 21	85% Non-fibrous (Other)	None Detected
CONHA22-001 *162324743-0051*	Control Building - Exterior E Side - Between Building and Sidewalk - Black Fibrous Expansion Joint Sheeting	Black Fibrous Homogeneous	95% Cellulose HA: 22	5% Non-fibrous (Other)	None Detected
CONHA22-002 *162324743-0052*	Control Building - Exterior W Side - Between Building and Sidewalk - Black Fibrous Expansion Joint Sheeting	Black Fibrous Homogeneous	95% Cellulose HA: 22	5% Non-fibrous (Other)	None Detected
CONHA23-001 *162324743-0053*	Control Building - On HVAC Ductwork in Basement - Gray HVAC Sealant	Gray Non-Fibrous Homogeneous	HA: 23	100% Non-fibrous (Other)	None Detected

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			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
CONHA23-002 *162324743-0054*	Control Building - On HVAC Ductwork in South Storage Area - Gray HVAC Sealant	Gray Non-Fibrous Homogeneous	HA: 23	100% Non-fibrous (Other)	None Detected
CONHA24-001 *162324743-0055*	Control Building - On Pipe Flange in Basement - Black Flange Gasket	Black Non-Fibrous Homogeneous	HA: 24	100% Non-fibrous (Other)	None Detected
PREHA24-002 *162324743-0056*	Pretreatment Building - Pipe Flange in Basement - Black Flange Gasket	Black Non-Fibrous Homogeneous	HA: 24	100% Non-fibrous (Other)	None Detected
RECHA24-003 *162324743-0057*	Reclamation Building - Pipe Flange in Basement - Black Flange Gasket	Black/Green Non-Fibrous Homogeneous	HA: 24	100% Non-fibrous (Other)	None Detected
PREHA25-001 *162324743-0058*	Pretreatment Building - Roof - Green-gray Structural Asphalt Roofing Shingle	Gray/Black/Green Fibrous Heterogeneous	15% Glass HA: 25	85% Non-fibrous (Other)	None Detected
RECHA25-002 *162324743-0059*	Reclamation Building - Roof - Green-gray Structural Asphalt Roofing Shingle	Gray/Black/Green Fibrous Heterogeneous	20% Glass HA: 25	80% Non-fibrous (Other)	None Detected
PREHA26-001 *162324743-0060*	Pretreatment Building - Roof under HA25 - Black Roofing Felt	Black Fibrous Homogeneous	60% Cellulose HA: 26	40% Non-fibrous (Other)	None Detected
PREHA26-002 *162324743-0061*	Pretreatment Building - Roof under HA25 - Black Roofing Felt	Black Fibrous Homogeneous	60% Cellulose HA: 26	40% Non-fibrous (Other)	None Detected
PREHA27-001 *162324743-0062*	Pretreatment Building - Roof arounf Base of Plumbing Vent - Black Tar Sealant	Gray/Black Non-Fibrous Homogeneous	HA: 27	98% Non-fibrous (Other)	2% Chrysotile
ST6HA27-002 *162324743-0063*	Storage Building #7 - Roof around Base of Skylight - Black Tar Sealant		HA: 27		Positive Stop (Not Analyzed)
PREHA28-001 *162324743-0064*	Pretreatment Building - Under Wood Siding - Black Felt Sheeting	Black Fibrous Homogeneous	60% Cellulose HA: 28	40% Non-fibrous (Other)	None Detected
RECHA28-002 *162324743-0065*	Reclamation Building - Under Wood Siding - Black Felt Sheeting	Black Fibrous Homogeneous	60% Cellulose HA: 28	40% Non-fibrous (Other)	None Detected

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			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
PREHA29-001 *162324743-0066*	Pretreatment Building - Blower Room on Spencer Blower Units - Large Flat Gasket	Brown Fibrous Homogeneous	95% Cellulose HA: 29	5% Non-fibrous (Other)	None Detected
PREHA29-002 *162324743-0067*	Pretreatment Building - Blower Room on Spencer Blower Units - Large Flat Gasket	Brown Fibrous Homogeneous	95% Cellulose HA: 29	5% Non-fibrous (Other)	None Detected
PREHA30-001 *162324743-0068*	Pretreatment Building - On Exterior Wall - Light Gray Flexible Sealant	Gray Non-Fibrous Homogeneous	HA: 30	100% Non-fibrous (Other)	<1% Chrysotile
CONHA30-002 *162324743-0069*	Control Building - On Exterior Wall - Light Gray Flexible Sealant	Gray Non-Fibrous Homogeneous	HA: 30	100% Non-fibrous (Other)	<1% Chrysotile
RECHA30-003 *162324743-0070*	Reclamation Building - On Exterior Wall - Light Gray Flexible Sealant	Gray/Tan Non-Fibrous Homogeneous	HA: 30	100% Non-fibrous (Other)	<1% Chrysotile
RECHA31-001 *162324743-0071*	Reclamation Building - Roof under HA25 Shingles - Brown and Red Asphalt Roofing Shingles	Tan/Red/Black Fibrous Heterogeneous	15% Glass HA: 31	85% Non-fibrous (Other)	None Detected
RECHA31-002 *162324743-0072*	Reclamation Building - Roof under HA25 Shingles - Brown and Red Asphalt Roofing Shingles	Gray/Red/Black Fibrous Heterogeneous	20% Glass HA: 31	80% Non-fibrous (Other)	None Detected
RECHA32-001 *162324743-0073*	Reclamation Building - Roof under HAs 25 and 31 - Black Roofing Felt	Black Fibrous Homogeneous	60% Cellulose HA: 32	40% Non-fibrous (Other)	None Detected
RECHA32-002 *162324743-0074*	Reclamation Building - Roof under HAs 25 and 31 - Black Roofing Felt	Black Fibrous Homogeneous	60% Cellulose HA: 32	40% Non-fibrous (Other)	None Detected
EXTHA33-001 *162324743-0075*	Road by Operations Building - East Side - Asphalt/Blacktop	Black Non-Fibrous Homogeneous	HA: 33	20% Quartz 80% Non-fibrous (Other)	None Detected
EXTHA33-002 *162324743-0076*	Road S of Clarifiers - Asphalt/Blacktop	Black Non-Fibrous Homogeneous	HA: 33	20% Quartz 80% Non-fibrous (Other)	None Detected
EXTHA33-003 *162324743-0077*	Road by Storage Building #6 - Asphalt/Blacktop	Black Non-Fibrous Homogeneous	HA: 33	20% Quartz 80% Non-fibrous (Other)	None Detected

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			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
EXTHA33-004 *162324743-0078*	Road by Sludge Drying Beds - Asphalt/Blacktop	Black Non-Fibrous Homogeneous	HA: 33	20% Quartz 80% Non-fibrous (Other)	None Detected
EXTHA34-001 *162324743-0079*	Edge of Clarifier - Thick Yellow Coating/Liner	Yellow Non-Fibrous Homogeneous	HA: 34	100% Non-fibrous (Other)	None Detected
EXTHA34-002 *162324743-0080*	Edge of Clarifier - Thick Yellow Coating/Liner	White/Yellow Non-Fibrous Homogeneous	HA: 34	100% Non-fibrous (Other)	None Detected
EXTHA35-001 *162324743-0081*	Catwalk above Clarifier - Textured Anti-slip Coating	Tan/Red Non-Fibrous Homogeneous	HA: 35	100% Non-fibrous (Other)	None Detected
EXTHA35-002 *162324743-0082*	Walkway over Aeration Tanks - Textured Anti-slip Coating	Gray/White Non-Fibrous Homogeneous	HA: 35	10% Quartz 90% Non-fibrous (Other)	None Detected
RECHA36-001 *162324743-0083*	Reclamation Building - Exterior Wall - Mortar	Gray Non-Fibrous Homogeneous	HA: 36	20% Quartz 80% Non-fibrous (Other)	None Detected
PREHA36-002 *162324743-0084*	Pretreatment Building - Exterior Wall - Mortar	Gray Non-Fibrous Homogeneous	HA: 36	20% Quartz 80% Non-fibrous (Other)	None Detected
ST1HA37-001 *162324743-0085*	Stroage Building #1 - Interior Wall - 5/8" Drywall Composite	Brown/White Fibrous Heterogeneous	20% Cellulose	65% Gypsum 15% Non-fibrous (Other)	None Detected
This is a composite result of wallboard, jt. compound, and tape			HA: 37		
ST1HA37-002 *162324743-0086*	Stroage Building #1 - Interior Wall - 5/8" Drywall Composite	Brown/White/Yellow Fibrous Heterogeneous	20% Cellulose 5% Glass	60% Gypsum 15% Non-fibrous (Other)	None Detected
This is a composite result of wallboard, jt. compound, and tape			HA: 37		
ST1HA38-001 *162324743-0087*	Stroage Building #1 - Roof - Green 3-tab Asphalt Roofing Shingle	Black/Green Fibrous Heterogeneous	15% Glass	85% Non-fibrous (Other)	None Detected
			HA: 38		
ST1HA38-002 *162324743-0088*	Stroage Building #1 - Roof - Green 3-tab Asphalt Roofing Shingle	Black/Green Fibrous Heterogeneous	15% Glass	85% Non-fibrous (Other)	None Detected
			HA: 38		
ST1HA39-001 *162324743-0089*	Storage Building #1 - Under HA38 Shingles - Black Roofing Felt	Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
			HA: 39		
ST3HA39-002 *162324743-0090*	Storage Building #3 - Under 48 Shingles - Black Roofing Felt	Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
			HA: 39		

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			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
ST5HA39-003 *162324743-0091*	Storage Building #5 - Under HAs 48 and 50 Shingles - Black Roofing Felt	Black Fibrous Homogeneous	60% Cellulose HA: 39	40% Non-fibrous (Other)	None Detected
ST2HA40-001 *162324743-0092*	Storage Building #2 - Roof - Reddish Brown Asphalt Roofing Shingles	Brown/Red Fibrous Heterogeneous	15% Glass HA: 40	85% Non-fibrous (Other)	None Detected
ST2HA40-002 *162324743-0093*	Storage Building #2 - Roof - Reddish Brown Asphalt Roofing Shingles	Brown/Red/Black Fibrous Heterogeneous	15% Glass HA: 40	85% Non-fibrous (Other)	None Detected
ST2HA41-001 *162324743-0094*	Storage Building #32 - Roof under HA40 Shingles - Gray Asphalt Roofing Shingles	Gray/Black Fibrous Heterogeneous	15% Glass HA: 41	85% Non-fibrous (Other)	None Detected
ST2HA41-002 *162324743-0095*	Storage Building #32 - Roof under HA40 Shingles - Gray Asphalt Roofing Shingles	Gray/Black Fibrous Heterogeneous	20% Glass HA: 41	80% Non-fibrous (Other)	None Detected
ST2HA42-001 *162324743-0096*	Storage Building #2 - Under HAs 40 and 41 Shingles - Thick Black Roofing Felt	Black Fibrous Homogeneous	60% Cellulose HA: 42	40% Non-fibrous (Other)	None Detected
ST6HA42-002 *162324743-0097*	Storage Building #6 - Under HA51 Shingles - Thick Black Roofing Felt	Black Fibrous Homogeneous	60% Cellulose HA: 42	40% Non-fibrous (Other)	None Detected
ST2HA43-001 *162324743-0098*	Storage Building #2 - Exterior Walls - Brown Particle Board Siding	Brown Fibrous Homogeneous	95% Cellulose HA: 43	5% Non-fibrous (Other)	None Detected
ST5HA43-002 *162324743-0099*	Storage Building #5 - Exterior Walls - Brown Particle Board Siding	Brown/Tan Fibrous Homogeneous	95% Cellulose HA: 43	5% Non-fibrous (Other)	None Detected
ST3HA44-001 *162324743-0100*	Storage Building #3 - Floor in Main Room - Linoleum - White Squares Pattern	White Fibrous Heterogeneous	20% Cellulose HA: 44	80% Non-fibrous (Other)	None Detected
ST3HA44-002 *162324743-0101*	Storage Building #3 - Floor in Main Room - Linoleum - White Squares Pattern	White Fibrous Heterogeneous	20% Cellulose HA: 44	80% Non-fibrous (Other)	None Detected

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			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
ST3HA45-001 *162324743-0102*	Storage Building #3 - Floor in Back Room - Linoleum - White and Green Diamond Pattern	White/Green Non-Fibrous Homogeneous	HA: 45	100% Non-fibrous (Other)	None Detected
ST3HA45-002 *162324743-0103*	Storage Building #3 - Floor in Back Room - Linoleum - White and Green Diamond Pattern	White/Green Non-Fibrous Homogeneous	HA: 45	100% Non-fibrous (Other)	None Detected
ST3HA46-001 *162324743-0104*	Storage Building #3 - Floor in Back Room - Patched Area - Linoleum - White Diamond Pattern	White Non-Fibrous Homogeneous	HA: 46	100% Non-fibrous (Other)	None Detected
ST3HA46-002 *162324743-0105*	Storage Building #3 - Floor in Back Room - Patched Area - Linoleum - White Diamond Pattern	White Non-Fibrous Homogeneous	HA: 46	100% Non-fibrous (Other)	None Detected
ST3HA47-001 *162324743-0106*	Storage Building #3 - Interior Wall Main Room - 5/8" Drywall Composite *This is a composite result of wallboard, jt. compound, and tape*	Brown/White Fibrous Heterogeneous	15% Cellulose 15% Glass HA: 47	55% Gypsum 15% Non-fibrous (Other)	None Detected
ST3HA47-002 *162324743-0107*	Storage Building #3 - Interior Wall Back Room - 5/8" Drywall Composite *This is a composite result of wallboard, jt. compound, and tape*	Brown/White Fibrous Heterogeneous	20% Cellulose 5% Glass HA: 47	60% Gypsum 15% Non-fibrous (Other)	None Detected
ST3HA48-001 *162324743-0108*	Storage Building #3 - Roof - Gray Asphalt Roofing Shingles	Gray/Black Fibrous Heterogeneous	20% Glass HA: 48	80% Non-fibrous (Other)	None Detected
ST3HA48-002 *162324743-0109*	Storage Building #5 - Roof - Gray Asphalt Roofing Shingles	Gray/Black Fibrous Heterogeneous	15% Glass HA: 48	85% Non-fibrous (Other)	None Detected
ST7HA49-001 *162324743-0110*	Chemical Storage Building #7 - Around Louver Vents - White Flexible Sealant	Gray Non-Fibrous Homogeneous	HA: 49	100% Non-fibrous (Other)	None Detected
ST7HA49-002 *162324743-0111*	Chemical Storage Building #7 - Around Louver Vents - White Flexible Sealant	Brown/Gray Non-Fibrous Homogeneous	HA: 49	100% Non-fibrous (Other)	None Detected
ST5HA50-001 *162324743-0112*	Storage Building #5 - Roof under HA48 Shingles - Brown Asphalt Roofing Shingles	Brown/Black Fibrous Heterogeneous	15% Glass HA: 50	85% Non-fibrous (Other)	None Detected

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			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
ST5HA50-002 *162324743-0113*	Storage Building #5 - Roof under HA48 Shingles - Brown Asphalt Roofing Shingles	Brown/Black Fibrous Heterogeneous	25% Glass HA: 50	75% Non-fibrous (Other)	None Detected
ST6HAHA51-001 *162324743-0114*	Storage Building #6 Roof - Green Structural Asphalt Roofing Shingles	Gray/Black Fibrous Heterogeneous	15% Glass HA: 51	85% Non-fibrous (Other)	None Detected
ST6HAHA51-002 *162324743-0115*	Storage Building #6 Roof - Green Structural Asphalt Roofing Shingles	Gray/Black/Green Fibrous Heterogeneous	15% Glass HA: 51	85% Non-fibrous (Other)	None Detected

Analyst(s)
Hilary Jarvis (10)
Maggie Hayden (63)
Ross Matlock (41)

Melissa Newkirk
Asbestos Laboratory Manager
or Other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262, A2LA Accredited - Certificate #2845.25

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ProjectID:	

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Phone:	(930) 350-0400
Fax:	
Received:	10/20/2023 10:10 AM
Analysis Date:	10/30/2023
Collected:	

Project: **GC South Rim WWTP.2910.ASB**

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy with Gravimetric Reduction. Quantitation using 400 Point Count Procedure.

SAMPLE ID	DESCRIPTION	APPEARANCE	(%) Matrix Organic	(%) Matrix Acid	NON- ASBESTOS % Fibrous	NON- ASBESTOS % NON-FIBROUS	ASBESTOS % TYPES
PREHA27-001 *162324743-0062* HA: 27	Pretreatment Building - Roof arounf Base of Plumbing Vent - Black Tar Sealant	Gray/Black Non-Fibrous Homogeneous	62.4	0.0		35.1 Non-fibrous (other)	2.5 Chrysotile
PREHA30-001 *162324743-0068* HA: 30	Pretreatment Building - On Exterior Wall - Light Gray Flexible Sealant	Gray Non-Fibrous Homogeneous	53.1	0.0		46.0 Non-fibrous (other)	0.9 Chrysotile
CONHA30-002 *162324743-0069* HA: 30	Control Building - On Exterior Wall - Light Gray Flexible Sealant	Gray Non-Fibrous Homogeneous	67.1	0.0		32.2 Non-fibrous (other)	0.7 Chrysotile
RECHA30-003 *162324743-0070* HA: 30	Reclamation Building - On Exterior Wall - Light Gray Flexible Sealant	Gray/Tan Non-Fibrous Homogeneous	68.1	0.0		31.4 Non-fibrous (other)	0.5 Chrysotile

Analyst(s)
Maggie Hayden (4)

Melissa Newkirk
Asbestos Laboratory Manager
or other approved signatory

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Asbestos Bulk Building Material Chain of Custody

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Company : CJSeto Support Services	**EMSL-Bill to:** ☑ Same ☐ Different If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
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City: Odon **State/Province:** IN	**Zip/Postal Code:** 47562 **Country:** US
Report To (Name): Kaylee DeCosta	**Telephone #:** 903-350-0400 (Ext. 303)
Email Address: kaylee.decosta@CJSeto.com	**Fax #:** **Purchase Order:**
Project Name/Number: GC South Rim WWTP.2910.ASB	**Please Provide Results:** ☐ Fax ✓ Email ☐ Mail
U.S. State Samples Taken: AZ	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* – Please Check

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

*For TEM Air 3 hr through 6 hr, please call ahead to schedule.*There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.*

PLM - Bulk (reporting limit)	TEM – Bulk
☒ PLM EPA 600/R-93/116 (<1%)	☐ TEM EPA NOB – EPA 600/R-93/116 Section 2.5.5.1
☐ PLM EPA NOB (<1%)	☐ NY ELAP Method 198.4 (TEM)
Point Count ☐ 400 (<0.25%) ☐ 1000 (<0.1%)	☐ Chatfield Protocol (semi-quantitative)
Point Count w/Gravimetric ☐ 400 (<0.25%) ☐ 1000 (<0.1%)	☐ TEM % by Mass – EPA 600/R-93/116 Section 2.5.5.2
☐ NIOSH 9002 (<1%)	☐ TEM Qualitative via Filtration Prep Technique
☐ NY ELAP Method 198.1 (friable in NY)	☐ TEM Qualitative via Drop Mount Prep Technique
☐ NY ELAP Method 198.6 NOB (non-friable-NY)	**Other**
☐ OSHA ID-191 Modified ☐ Standard Addition Method	☒ Point Count if results <10%

☒ **Check For Positive Stop – Clearly Identify Homogenous Group** **Date Sampled:** 10/16, 19/17, 10/18/2023

Samplers Name: Kathryn DeCosta **Samplers Signature:** Katy L. Nelson

Sample #	HA #	Sample Location	Material Description
CONHA1-001	1	Control Bldg, sus. ceiling - reception/office	2'x4' ceiling panel, white w/ small gouges and pinholes
CONHA1-002	1	Control Bldg, sus. ceiling - hallway lab	2'x4' ceiling panel, white w/ small gouges and pinholes
CONHA2-001	2	Control Bldg, floor in reception/office	12"x12" floor tile, white w/ gray flecks
CONHA2-002	2	Control Bldg, floor in main lab	12"x12" floor tile, white w/ gray flecks
CONHA3-001	3	Control Bldg, floor in restroom	12"x12" floor tile, white w/ large gray flecks
CONHA3-002	3	Control Bldg, floor in restroom	12"x12" floor tile, white w/ large gray flecks
CONHA4-001	4	Control Bldg, floor in restroom, under HA3 FT	Tan floor tile mastic
CONHA4-002	4	Control Bldg, floor in restroom, under HA3 FT	Tan floor tile mastic
CONHA5-001	5	Control Bldg, behind rubber cove base in restroom	Brown-tan cove base mastic
CONHA5-002	5	Control Bldg, behind rubber cove base in main lab	Brown-tan cove base mastic

Client Sample # (s): CONHA1-001 to STGHA51-001 **Total # of Samples:** 115

Relinquished (Client): Katy L. Nelson **Date:** 10/19/2023 **Time:** 1545

Received (Lab): **Date:** 10/20/23 **Time:** 10:00am

Comments/Special Instructions:
HA13 is a composite of drywall, mud, and tape.

OrderID: 162324743

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number *(Lab Use Only)*: 24743

EMSL Analytical, Inc.
6340 Castleplace Dr.

Indianapolis, IN 46250
PHONE: (317) 803-2997
FAX: (317) 803-3047

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

Sample #	HA #	Sample Location	Material Description
CONHA6-001	6	Control Bldg, floor in reception/office, under HA2 FT	Tan floor tile mastic
CONHA6-002	6	Control Bldg, floor in main lab, under HA2 FT	Tan floor tile mastic
CONHA7-001	7	Control Bldg	Concrete
PREHA7-002	7	Digester Bldg (parapet wall roof)	Concrete
EXTHA7-003	7	Concrete pad - portable toilet storage	Concrete
EXTHA7-004	7	Sludge drying beds	Concrete
EXTHA7-005	7	Flow equalization tank	Concrete
EXTHA7-006	7	Clarifier tank	Concrete
EXTHA7-007	7	Aeration tank	Concrete
ST7HA7-008	7	Concrete wall of chemical storage bldg #7	Concrete
ST4HA7-009	7	Concrete pad for storage bldg #4	Concrete
CONHA8-001	8	Control Bldg, sus. ceiling in water lab	2'x4' ceiling panel, white w/ large irregular gouges
CONHA8-002	8	Control Bldg, sus. ceiling in main lab	2'x4' ceiling panel, white w/ large irregular gouges
CONHA9-001	9	Control Bldg, restroom, over exhaust stack	Transite panel
CONHA10-001	10	Control Bldg, ceiling in water lab	Plaster (Base coat and skim coat)
CONHA10-002	10	Control Bldg, ceiling in water lab	Plaster (Base coat and skim coat)
CONHA10-003	10	Control Bldg, ceiling in water lab	Plaster (Base coat and skim coat)
CONHA11-001	11	Control Bldg, main lab counter	Black laboratory counter top
CONHA11-002	11	Control Bldg, main lab counter	Black laboratory counter top
CONHA12-001	12	Control Bldg, hallway lab on underside of sink	White sink undercoating
CONHA12-002	12	Control Bldg, hallway lab on underside of sink	White sink undercoating
CONHA13-001	13	Control Bldg, ceiling in main lab	5/8" drywall composite
CONHA13-002	13	Control Bldg, wall in water lab	5/8" drywall composite
CONHA13-003	13	Control Bldg, ceiling in S storage area	5/8" drywall composite

***Comments/Special Instructions:**

HA13 is a composite of drywall, mud, and tape

OrderID: 162324743

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Sample #	HA #	Sample Location	Material Description
CONHA14-001	14	Control Bldg, replacement ceiling panel in lab #2	2'x4' ceiling panel, white with gouges and pinholes
CONHA15-001	15	Control Bldg, replacement ceiling panel in main lab	2'x4' ceiling panel, white with fissure and pinholes
CONHA16-001	16	Control Bldg, inside door to water lab	Corrugated paper inside metal fire doors
PREHA16-002	16	Pretreatment Bdg, inside door to blower room	Corrugated paper inside metal fire doors
CONHA17-001	17	Control Bldg, wall in lab #2	Red CMU block
RECHA17-002	17	Reclamation Bldg, exterior wall	Red CMU block
PREHA17-003	17	Pretreatement Bldg, exterior wall	Red CMU block
CONHA18-001	18	Control Bldg, wall in lab #2	CMU mortar
RECHA18-002	18	Reclamation Bldg, exterior wall	CMU mortar
PREHA18-003	18	Pretreatement Bldg, exterior wall	CMU mortar
CONHA19-001	19	Control Bldg, roof	Gray structural asphalt roofing shingles
CONHA19-002	19	Control Bldg, roof	Gray structural asphalt roofing shingles
CONHA20-001	20	Control Bldg, roof under HA19	Black roofing felt
CONHA20-002	20	Control Bldg, roof under HA19	Black roofing felt
CONHA21-001	21	Control Bldg, roof under HAs 19 & 20	Black ice/water shield
CONHA21-002	21	Control Bldg, roof under HAs 19 & 20	Black ice/water shield
CONHA22-001	22	Control Bldg, exterior E side, between bldg and sidewalk	Black fibrous expansion joint sheeting
CONHA22-002	22	Control Bldg, exterior W side, between bldg and sidewalk	Black fibrous expansion joint sheeting
CONHA23-001	23	Control Bldg, on HVAC ductwork in basement	Gray HVAC sealant
CONHA23-002	23	Control Bldg, on HVAC ductwork in south storage area	Gray HVAC sealant
CONHA24-001	24	Control Bldg, on pipe flange in basement	Black flange gasket
PREHA24-002	24	Pretreatment Bldg, pipe flange in basement	Black flange gasket
RECHA24-003	24	Reclamation Bldg, pipe flange in basement	Black flange gasket
PREHA25-001	25	Pretreatment Bldg, roof	Green-gray structural asphalt roofing shingle

***Comments/Special Instructions:**

OrderID: 162324743

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Sample #	HA #	Sample Location	Material Description
RECHA25-002	25	Reclamation Bldg, roof	Green-gray structural asphalt roofing shingle
PREHA26-001	26	Pretreatment Bldg, roof under HA25	Black roofing felt
PREHA26-002	26	Pretreatment Bldg, roof under HA25	Black roofing felt
PREHA27-001	27	Pretreatment Bldg, roof around base of plumbing vent	Black tar sealant
ST6HA27-002	27	Storage Bldg #7, roof around base of skylight	Black tar sealant
PREHA28-001	28	Pretreatment Bldg, under wood siding	Black felt sheeting
RECHA28-002	28	Reclamation Bldg, under wood siding	Black felt sheeting
PREHA29-001	29	Pretreatment Bldg, blower room on Spencer blower units	Large flat gasket
PREHA29-002	29	Pretreatment Bldg, blower room on Spencer blower units	Large flat gasket
PREHA30-001	30	Pretreatment Bldg, on exterior wall	Light gray flexible sealant
CONHA30-002	30	Control Bldg, on exterior wall	Light gray flexible sealant
RECHA30-003	30	Reclamation Bldg, on exterior wall	Light gray flexible sealant
RECHA31-001	31	Reclamation Bldg, roof under HA25 shingles	Brown and red asphalt roofing shingles
RECHA31-002	31	Reclamation Bldg, roof under HA25 shingles	Brown and red asphalt roofing shingles
RECHA32-001	32	Reclamation Bldg, roof under HAs 25 & 31	Black roofing felt
RECHA32-002	32	Reclamation Bldg, roof under HAs 25 & 31	Black roofing felt
EXTHA33-001	33	Road by Operations BLDG, east side	Asphalt/blacktop
EXTHA33-002	33	Road S of clarifiers	Asphalt/blacktop
EXTHA33-003	33	Road by storage Bldg #6	Asphalt/blacktop
EXTHA33-004	33	Road by sludge drying beds	Asphalt/blacktop
EXTHA34-001	34	Edge of clarifier	Thick yellow coating/liner
EXTHA34-002	34	Edge of clarifier	Thick yellow coating/liner
EXTHA35-001	35	Catwalk above clarifier	Textured anti-slip coating
EXTHA35-002	35	Walkway over aeration tanks	Textured anti-slip coating

***Comments/Special Instructions:**

OrderID: 162324743

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Sample #	HA #	Sample Location	Material Description
RECHA36-001	36	Reclamation Bldg, exterior wall	Mortar
PREHA36-002	36	Pretreatment Bldg, exterior wall	Mortar
ST1HA37-001	37	Storage Bldg #1, interior wall	5/8" drywall composite
ST1HA37-002	37	Storage Bldg #1, interior wall	5/8" drywall composite
ST1HA38-001	38	Storage Bldg #1, roof	Green 3-tab asphalt roofing shingle
ST1HA38-002	38	Storage Bldg #1, roof	Green 3-tab asphalt roofing shingle
ST1HA39-001	39	Storage Bldg #1, under HA38 shingles	Black roofing felt
ST3HA39-002	39	Storage Bldg #3, under 48 shingles	Black roofing felt
ST5HA39-003	39	Storage Bldg #5, under HAs 48 & 50 shingles	Black roofing felt
ST2HA40-001	40	Storage Bldg # 2, roof	Reddish brown asphalt roofing shingles
ST2HA40-002	40	Storage Bldg # 2, roof	Reddish brown asphalt roofing shingles
ST2HA41-001	41	Storage Bldg # 2, roof under HA40 shingles	Gray asphalt roofing shingles
ST2HA41-002	41	Storage Bldg # 2, roof under HA40 shingles	Gray asphalt roofing shingles
ST2HA42-001	42	Storage Bldg # 2, under HAs 40 and 41 shingles	Thick black roofing felt
ST6HA42-002	42	Storage Bldg #6, under HA51 shingles	Thick black roofing felt
ST2HA43-001	43	Storage Bldg #2, exterior walls	Brown particle board siding
ST5HA43-002	43	Storage Bldg #5, exterior walls	Brown particle board siding
ST3HA44-001	44	Storage Bldg #3, floor in main room	Linoleum, white squares pattern
ST3HA44-002	44	Storage Bldg #3, floor in main room	Linoleum, white squares pattern
ST3HA45-001	45	Storage Bldg #3, floor in back room	Linoleum, white and green diamond pattern
ST3HA45-002	45	Storage Bldg #3, floor in back room	Linoleum, white and green diamond pattern
ST3HA46-001	46	Storage Bldg #3, floor in back room (patched area)	Linoleum, white diamond pattern
ST3HA46-002	46	Storage Bldg #3, floor in back room (patched area)	Linoleum, white diamond pattern
ST3HA47-001	47	Storage Bldg #3, interior wall main room	5/8" drywall composite

***Comments/Special Instructions:**

HAs 37 and 47 are a composite of drywall, mud, and tape.

OrderID: 162324743

EMSL Analytical, Inc.
6340 Castleplace Dr.

Indianapolis, IN 46250
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Asbestos Bulk Building Material Chain of Custody

EMSL Order Number *(Lab Use Only)*: 24743

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

Sample #	HA #	Sample Location	Material Description
ST3HA47-002	47	Storage Bldg #3, interior wall back room	5/8" drywall composite
ST3HA48-001	48	Storage Bldg #3, roof	Gray asphalt roofing shingles
ST5HA48-002	48	Storage Bldg #5, roof	Gray asphalt roofing shingles
ST7HA49-001	49	Chemical storage Bldg #7, around louver vents	White flexible sealant
ST7HA49-002	49	Chemical storage Bldg #7, around louver vents	White flexible sealant
ST5HA50-001	50	Storage Bldg #5, roof under HA48 shingles	Brown asphalt roofing shingles
ST5HA50-002	50	Storage Bldg #5, roof under HA48 shingles	Brown asphalt roofing shingles
ST6HAHA51-001	51	Storage Bldg #6 roof	Green structural asphalt roofing shingles
ST6HAHA51-002	51	Storage Bldg #6 roof	Green structural asphalt roofing shingles

***Comments/Special Instructions:**

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6340 CastlePlace Dr., Indianapolis, IN 46250
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http://www.EMSL.com indianapolislab@emsl.com

EMSL Order:	162324806
CustomerID:	32CJSS78A
CustomerPO:	
ProjectID:	

Attn: **Kaylee DeCosta**
CJ Seto Support Services LLC
13980 E. CAPT WJ Nelson Dr
Odon, IN 47562

Phone: (930) 350-0400
Fax:
Received: 10/20/2023 10:10 AM
Collected:

Project: **GC South Rim WWTP.2910.ASB**

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

Client Sample	*Description*	*Collected*	*Analyzed*	*Weight*	*RDL*	*Lead*	*Concentration*
CONLBP-1			10/23/2023	0.2584 g	80 ppm	<80	ppm
162324806-0001	Site: Control Bldg, Basement Floor - Gray Paint						
CONLBP-2			10/23/2023	0.1125 g	180 ppm	<180	ppm
162324806-0002	Site: Control Bldg, Restroom Wall - Tan Over White Paint						
CONLBP-3			10/23/2023	0.1063 g	190 ppm	<190	ppm
162324806-0003	Site: Control Bldg, Restroom Doorframe - Orange Over Blue Paint						
CONLBP-4			10/23/2023	0.2125 g	940 ppm	22000	ppm
162324806-0004	Site: Control Bldg, Ceiling in Reception - Seafoam green Paint						
CONLBP-5			10/23/2023	0.098 g	200 ppm	<200	ppm
162324806-0005	Site: Control Bldg, Doorframe to Electrical Room - Blue Over White Paint						
CONLBP-6			10/23/2023	0.2319 g	86 ppm	<86	ppm
162324806-0006	Site: Control Bldg, Wall in Electrical Room - Off White Paint						
CONLBP-7			10/23/2023	0.1851 g	110 ppm	1700	ppm
162324806-0007	Site: Control Bldg, Metal Handrail on Stairwell to Basement - Yellow over Brown over Green						
CONLBP-8			10/23/2023	0.253 g	80 ppm	730	ppm
162324806-0008	Site: Control Bldg, Exterior Side of Exit Door on W Side - Brown over Red Paint						
CONLBP-9			10/23/2023	0.17 g	120 ppm	870	ppm
162324806-0009	Site: Control Bldg, Pipe Fitting in Basement - Royal Blue Paint						
CONLBP-10			10/23/2023	0.2519 g	80 ppm	<80	ppm
162324806-0010	Site: Control Bldg, Basement Ceiling - Cream over Gray Paint						

Aleksandrea Kuchenbrod

Aleksandrea Kuchenbrod, Inorganic Chemistry
Lab Manager
or other approved signatory

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* Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.008% wt based on the minimum sample weight per our SOP. "<" (less than) result signifies the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. Definitions of modifications are available upon request.

Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN AIHA LAP, LLC-ELLAP Accredited #157245, OH E10040

Initial report from 10/27/2023 07:43:39

EMSL Analytical, Inc.
6340 CastlePlace Dr., Indianapolis, IN 46250
Phone/Fax: (317) 803-2997 / (317) 803-3047
http://www.EMSL.com indianapolislab@emsl.com

EMSL Order: 162324806
CustomerID: 32CJSS78A
CustomerPO:
ProjectID:

Attn: **Kaylee DeCosta**
CJ Seto Support Services LLC
13980 E. CAPT WJ Nelson Dr
Odon, IN 47562

Phone: (930) 350-0400
Fax:
Received: 10/20/2023 10:10 AM
Collected:

Project: **GC South Rim WWTP.2910.ASB**

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

Client Sample	*Description*	*Collected*	*Analyzed*	*Weight*	*RDL*	*Lead* **Concentration**
CONLBP-11			10/23/2023	0.2539 g	80 ppm	<80 ppm
162324806-0011	Site: Control Bldg, Exterior Wood Siding - Brown Paint					
CONLBP-13			10/23/2023	0.1461 g	140 ppm	<140 ppm
162324806-0012	Site: Control Bldg, Exterior West Side on Wood Trim -Green over Brown Paint					
CONLBP-14			10/23/2023	0.2506 g	80 ppm	<80 ppm
162324806-0013	Site: Control Bldg, Steps into S Storage Room - Yellow Paint					
PRELBP-1			10/23/2023	0.2573 g	80 ppm	<80 ppm
162324806-0014	Site: Pretreatment Bldg Basement Waste Digester Sludge Pipe - Brown over Black Paint					
PRELBP-2			10/23/2023	0.2508 g	80 ppm	<80 ppm
162324806-0015	Site: Pretreatment Bldg, Metal Trim/Fascia along Roof - Tan over Green Paint					
PRELBP-3			10/23/2023	0.1722 g	120 ppm	540 ppm
162324806-0016	Site: Pretreatment Bldg, Blower Room, Pumps - Gray Paint over Red Primer					
PRELBP-4			10/23/2023	0.255 g	800 ppm	25000 ppm
162324806-0017	Site: Pretreatment Bldg, Blower Room, Air Supply Piping - Green over Black Paint					
PRELBP-5			10/24/2023	0.2504 g	80 ppm	<80 ppm
162324806-0018	Site: Pretreatment Bldg, Blower Room Wall - Off White Paint					
PRELBP-6			10/24/2023	0.2536 g	80 ppm	<80 ppm
162324806-0019	Site: Pretreatment Bldg, WAS Piping in Blower Room - Tan over Black Paint					

Aleksandrea Kuchenbrod

Aleksandrea Kuchenbrod, Inorganic Chemistry Lab Manager
or other approved signatory

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* Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.008% wt based on the minimum sample weight per our SOP. "<" (less than) result signifies the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. Definitions of modifications are available upon request.

Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN AIHA LAP, LLC-ELLAP Accredited #157245, OH E10040

Initial report from 10/27/2023 07:43:39

EMSL Analytical, Inc.
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http://www.EMSL.com indianapolislab@emsl.com

EMSL Order:	162324806
CustomerID:	32CJSS78A
CustomerPO:	
ProjectID:	

Attn: **Kaylee DeCosta**
CJ Seto Support Services LLC
13980 E. CAPT WJ Nelson Dr
Odon, IN 47562

Phone: (930) 350-0400
Fax:
Received: 10/20/2023 10:10 AM
Collected:

Project: **GC South Rim WWTP.2910.ASB**

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

Client Sample	*Description*	*Collected*	*Analyzed*	*Weight*	*RDL*	*Lead Concentration*
PRELBP-7			10/24/2023	0.2581 g	80 ppm	<80 ppm
162324806-0020	Site: Pretreatment Bldg, Grit Piping in Blower Room - Gray over Black Paint					
PRELBP-8			10/24/2023	0.1583 g	130 ppm	<130 ppm
162324806-0021	Site: Pretreatment Bldg, Floor in Basement - Gray Paint					
PRELBP-9			10/24/2023	0.1537 g	130 ppm	<130 ppm
162324806-0022	Site: Pretreatment Bldg, Rool-up Door - Brown Paint					
PRELBP-10			10/24/2023	0.2558 g	80 ppm	<80 ppm
162324806-0023	Site: Pretreatment Bldg, N Exterior Handrails - Brown over Yellow Paint					
RECLBP-1			10/24/2023	0.0999 g	2000 ppm	46000 ppm
162324806-0024	Site: Reclamation Bldg, Railing for Overhead Hoist - Yellow Paint					
RECLBP-2			10/24/2023	0.2505 g	80 ppm	<80 ppm
162324806-0025	Site: Reclamation Bldg, Piping in Sand Filter Room - Pale Green over over Black Paint					
RECLBP-3			10/24/2023	0.259 g	80 ppm	290 ppm
162324806-0026	Site: Reclamation Bldg, Catwalk over Filter Pits - Light Gray Paint					
RECLBP-4			10/24/2023	0.2501 g	80 ppm	<80 ppm
162324806-0027	Site: Reclamation Bldg, Lower Wall in Filter Room - Dark Tan Paint					
RECLBP-5			10/24/2023	0.2541 g	80 ppm	<80 ppm
162324806-0028	Site: Reclamation Bldg, Catwalk Railing over Tank on Exterior - Brown over Tan over Black Paint					
RECLBP-6			10/24/2023	0.2566 g	80 ppm	2000 ppm
162324806-0029	Site: Reclamation Bldg, Basement Filter effluent Piping - Purple over over Green over Black					

Aleksandrea Kuchenbrod

Aleksandrea Kuchenbrod, Inorganic Chemistry
Lab Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN AIHA LAP, LLC-ELLAP Accredited #157245, OH E10040

Initial report from 10/27/2023 07:43:39

EMSL Analytical, Inc.
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http://www.EMSL.com indianapolislab@emsl.com

EMSL Order:	162324806
CustomerID:	32CJSS78A
CustomerPO:	
ProjectID:	

Attn: **Kaylee DeCosta**
CJ Seto Support Services LLC
13980 E. CAPT WJ Nelson Dr
Odon, IN 47562

Phone: (930) 350-0400
Fax:
Received: 10/20/2023 10:10 AM
Collected:

Project: **GC South Rim WWTP.2910.ASB**

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

Client Sample	*Description*	*Collected*	*Analyzed*	*Weight*	*RDL*	*Lead Concentration*
RECLBP-7			10/24/2023	0.2527 g	80 ppm	140 ppm
162324806-0030	Site: Reclamation Bldg, Basement Secondary Effluent Piping - Dark Green over Tan Paint					
RECLBP-8			10/24/2023	0.2522 g	80 ppm	110 ppm
162324806-0031	Site: Reclamation Bldg, on HVAC Ductwork in Filter Room - Off-White Paint					
RECLBP-9			10/24/2023	0.2538 g	80 ppm	<80 ppm
162324806-0032	Site: Reclamation Bldg, Basement Concrete Curbing - Yellow Paint					
RECLBP-10			10/24/2023	0.2293 g	87 ppm	<87 ppm
162324806-0033	Site: Reclamation Bldg, Drip Edge/Flashing Roof - Green over Tan Paint					
EXTLBP-1			10/24/2023	0.2548 g	80 ppm	<80 ppm
162324806-0034	Site: Edge of Clarifier - Thick Pale Yellow Paint					
EXTLBP-2			10/24/2023	0.2516 g	80 ppm	<80 ppm
162324806-0035	Site: Handrail over Clarifier - Brown over Green over Tan					
EXTLBP-3			10/24/2023	0.251 g	80 ppm	<80 ppm
162324806-0036	Site: Catwalk over Clarifier - Brown Textured Paint					
EXTLBP-4			10/24/2023	0.2558 g	800 ppm	12000 ppm
162324806-0037	Site: Piping Next to Flow Equalization Tank - Teal Green over Black Paint					
EXTLBP-5			10/24/2023	0.2525 g	80 ppm	150 ppm
162324806-0038	Site: Handrail around Flow Equalization Tank - Green over Brown over Tan Paint					
EXTLBP-6			10/24/2023	0.185 g	110 ppm	1200 ppm
162324806-0039	Site: Pump Housing over Aeration Tanks - Green over Gray Paint					

Aleksandrea Kuchenbrod

Aleksandrea Kuchenbrod, Inorganic Chemistry
Lab Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted.
* Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.008% wt based on the minimum sample weight per our SOP. "<" (less than) result signifies the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. Definitions of modifications are available upon request.

Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN AIHA LAP, LLC-ELLAP Accredited #157245, OH E10040

Initial report from 10/27/2023 07:43:39

EMSL Analytical, Inc.
6340 CastlePlace Dr., Indianapolis, IN 46250
Phone/Fax: (317) 803-2997 / (317) 803-3047
http://www.EMSL.com indianapolislab@emsl.com

EMSL Order: 162324806
CustomerID: 32CJSS78A
CustomerPO:
ProjectID:

Attn: **Kaylee DeCosta**
CJ Seto Support Services LLC
13980 E. CAPT WJ Nelson Dr
Odon, IN 47562

Phone: (930) 350-0400
Fax:
Received: 10/20/2023 10:10 AM
Collected:

Project: **GC South Rim WWTP.2910.ASB**

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

Client Sample	*Description*	*Collected*	*Analyzed*	*Weight*	*RDL*	*Lead*	*Concentration*
EXTLBP-7			10/24/2023	0.2519 g	80 ppm	<80	ppm
162324806-0040	Site: Shipping Container on SE Corner of Site - Brown over Gray Paint						
EXTLBP-8			10/24/2023	0.2521 g	80 ppm	<80	ppm
162324806-0041	Site: Connex at SE Corner of Site - White Paint						
EXTLBP-9			10/24/2023	0.1863 g	110 ppm	<110	ppm
162324806-0042	Site: Chemical Storage Connex, West Edge of Site - White Paint						
ST1LBP-1			10/24/2023	0.2528 g	80 ppm	<80	ppm
162324806-0043	Site: Storage Bldg #1, Interior on Drywall - Cream Paint						
ST2LBP-1			10/24/2023	0.2543 g	80 ppm	<80	ppm
162324806-0044	Site: Storage Bldg #2, Exterior on Wall - Beige Paint						
ST2LBP-2			10/24/2023	0.2575 g	80 ppm	<80	ppm
162324806-0045	Site: Storage Bldg #2, Wood Deck - Brown Paint						
ST3LBP-1			10/24/2023	0.1297 g	150 ppm	350	ppm
162324806-0046	Site: Storage Bldg #3, Interior Wall, Drywall - White Paint						
ST3LBP-2				n/a	PrepAmt ppm		ppm
162324806-0047	Site: Storage Bldg #3, Interior Wall, Drywall - Light Blue Paint Not enough sample provided; unable to perform analysis						
ST3LBP-3			10/24/2023	0.2559 g	80 ppm	<80	ppm
162324806-0048	Site: Storage Bldg #3, Exterior Wood Trim Around Window - Green over Gray Paint						
ST4LBP-1			10/24/2023	0.0551 g	360 ppm	<360	ppm
162324806-0049	Site: Storage Bldg #4, on Metal Supports on Interior - Green Paint						

Aleksandrea Kuchenbrod

Aleksandrea Kuchenbrod, Inorganic Chemistry
Lab Manager
or other approved signatory

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http://www.EMSL.com indianapolislab@emsl.com

EMSL Order:	162324806
CustomerID:	32CJSS78A
CustomerPO:	
ProjectID:	

Attn: **Kaylee DeCosta**
CJ Seto Support Services LLC
13980 E. CAPT WJ Nelson Dr
Odon, IN 47562

Phone: (930) 350-0400
Fax:
Received: 10/20/2023 10:10 AM
Collected:

Project: **GC South Rim WWTP.2910.ASB**

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

Client Sample	*Description*	*Collected*	*Analyzed*	*Weight*	*RDL*	*Lead* **Concentration**
ST4LBP-2			10/24/2023	0.2509 g	80 ppm	<80 ppm
162324806-0050	Site: Storage Bldg #4, Floor - Gray Paint					
ST5LBP-1			10/24/2023	0.1851 g	110 ppm	<110 ppm
162324806-0051	Site: Storage Bldg #4, Exterior Wall - Brown over Beige Paint					
ST7LBP-1			10/24/2023	0.1829 g	110 ppm	<110 ppm
162324806-0052	Site: Storage Bldg #7, Exterior Concrete Walls - Reddish Brown Paint					
ST7LBP-2			10/24/2023	0.0962 g	210 ppm	<210 ppm
162324806-0053	Site: Storage Bldg #7, Interior Concrete Walls - Gray Paint					

Aleksandrea Kuchenbrod

Aleksandrea Kuchenbrod, Inorganic Chemistry
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Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN AIHA LAP, LLC-ELLAP Accredited #157245, OH E10040

Initial report from 10/27/2023 07:43:39

OrderID: 162324806

EMSL Analytical, Inc.
6340 Castleplace Dr.

Indianapolis, IN 46250
PHONE: (317) 803-2997
FAX: (317) 803-3047

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: 162324806

Company: CJSeto Support Services	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 13980 E. CAPT W J Nelson Dr. Ste A	*Third Party Billing requires written authorization from third party*
City: Odon **State/Province:** IN	**Zip/Postal Code:** 47562 **Country:** US
Report To (Name): Kaylee DeCosta	**Telephone #:** 903-350-0400 (Ext. 303)
Email Address: Kaylee.DeCosta@CJSeto.com	**Fax #:** **Purchase Order:**
Project Name/Number: GC South Rim WWTP.2910.ASB	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: AZ	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ■ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ■ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	x
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☐
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☐ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: Kathryn DeCosta/Gene Conway **Signature of Sampler:** Kathryn L. DeCosta

	Sample #	Location	Volume/Area	Date/Time Sampled
1	CONLBP-1	Control Bldg, basement floor	Gray paint	10/16/2023
2	CONLBP-2	Control Bldg, restroom wall	Tan over white paint	10/16/2023
3	CONLBP-3	Control Bldg, restroom doorframe	Orange over blue paint	10/16/2023
4	CONLBP-4	Control Bldg, ceiling in reception	Seafoam green paint	10/16/2023
5	CONLBP-5	Control Bldg, doorframe to electrical room	Blue over white paint	10/16/2023

Client Sample #'s CONLBP-1 to STZLBP-2 **Total # of Samples:** 35

Relinquished (Client):	Kathryn L. DeCosta	**Date:**	10/19/2023	**Time:**	1545
Received (Lab):		**Date:**	10/20/23	**Time:**	10:00am

Comments:

OrderID: 162324806

EMSL ANALYTICAL, INC.
LABORATORY · PRODUCTS · TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* 24806

EMSL Analytical, Inc.
6340 Castleplace Dr.

Indianapolis, IN 46250
PHONE: (317) 803-2997
FAX: (317) 803-3047

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

	Sample #	Location	Volume/Area	Date/Time Sampled
6	CONLBP-6	Control Bldg, wall in electrical room	Off-white paint	10/16/2023
7	CONLBP-7	Control Bldg, metal handrail on stairwell to basement	Yellow over brown over green	10/16/2023
8	CONLBP-8	Control Bldg, exterior side of exit door on W side	Brown over red paint	10/16/2023
9	CONLBP-9	Control Bldg, pipe fitting in basement	Royal blue paint	10/16/2023
10	CONLBP-10	Control Bldg, basement ceiling	Cream over gray paint	10/16/2023
	CONLBP-11	Control Bldg, exterior wood siding	Brown paint	10/16/2023
	CONLBP-13	Control Bldg, exterior west side on wood trim	Green over brown paint	10/16/2023
	CONLBP-14	Control Bldg, steps into S storage room	Yellow paint	10/16/2023
	PRELBP-1	Pretreatment Bldg basement waste digester sludge pipe	Brown over black paint	10/17/2023
15	PRELBP-2	Pretreatment Bldg, metal trim/fascia along roof	Tan over green paint	10/17/2023
	PRELBP-3	Pretreatment Bldg, blower room, pumps	Gray paint over red primer	10/17/2023
	PRELBP-4	Pretreatment Bldg, blower room, air supply piping	Green over black paint	10/17/2023
	PRELBP-5	Pretreatment Bldg, blower room wall	Off-white paint	10/17/2023
	PRELBP-6	Pretreatment Bldg, WAS piping in blower room	Tan over black paint	10/17/2023
20	PRELBP-7	Pretreatment Bldg, grit piping in blower room	Gray over black paint	10/17/2023
	PRELBP-8	Pretreatment Bldg, floor in basement	Gray paint	10/17/2023
	PRELBP-9	Pretreatment Bldg, roll-up door	Brown paint	10/17/2023
	PRELBP-10	Pretreatment Bldg, N exterior handrails	Brown over yellow paint	10/17/2023

Comments/Special Instructions:

OrderID: 162324806

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	Sample #	Location	Volume/Area	Date/Time Sampled
	RECLBP-1	Reclamation Bldg, railing for overhead hoist	Yellow paint	10/17/2023
25	RECLBP-2	Reclamation Bldg, piping in sand filter room	Pale green over over black paint	10/17/2023
	RECLBP-3	Reclamation Bldg, catwalk over filter pits	Light gray paint	10/17/2023
	RECLBP-4	Reclamation Bldg, lower wall in filter room	Dark tan paint	10/17/2023
	RECLBP-5	Reclamation Bldg, catwalk railing over tank on exterior	Brown over tan over black paint	10/17/2023
	RECLBP-6	Reclamation Bldg, basement filter effluent piping	Purple over over green over black	10/17/2023
30	RECLBP-7	Reclamation Bldg, basement secondary effluent piping	Dark green over tan paint	10/17/2023
	RECLBP-8	Reclamation Bldg, on HVAC ductwork in filter room	Off-white paint	10/17/2023
	RECLBP-9	Reclamation Bldg, basement concrete curbing	Yellow paint	10/17/2023
	RECLBP-10	Reclamation Bldg, drip edge/flashing roof	Green over tan paint	10/17/2023
	EXTLBP-1	Edge of clarifier	Thick pale yellow paint	10/17/2023
35	EXTLBP-2	Handrail over clarifier	Brown over green over tan	10/17/2023
	EXTLBP-3	Catwalk over clarifier	Brown textured paint	10/17/2023
	EXTLBP-4	Piping next to flow equalization tank	Teal green over black paint	10/17/2023
	EXTLBP-5	Handrail around flow equalization tank	Green over brown over tan paint	10/17/2023
	EXTLBP-6	Pump housing over aeration tanks	Green over gray paint	10/17/2023
40	EXTLBP-7	Shipping container on SE corner of site	Brown over gray paint	10/18/2023
	EXTLBP-8	Connex at SE corner of site	White paint	10/18/2023

Comments/Special Instructions:

OrderID: 162324806

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	Sample #	Location	Volume/Area	Date/Time Sampled
	EXTLBP-9	Chemical storage connex, west edge of site	White paint	10/18/2023
	ST1LBP-1	Storage Bldg #1, interior on drywall	Cream paint	10/18/2023
	ST2LBP-1	Storage Bldg #2, exterior wall	Beige paint	10/18/2023
46	ST2LBP-2	Storage Bldg #2, wood deck	Brown paint	10/18/2023
	ST3LBP-1	Storage Bldg #3, interior wall, drywall	White paint	10/18/2023
	ST3LBP-2	Storage Bldg # 3, interior wall, drywall	Light blue paint	10/18/2023
	ST3LBP-3	Storage Bldg #3, exterior wood trim around window	Green over gray paint	10/18/2023
	ST4LBP-1	Storage Bldg #4, on metal supports on interior	Green paint	10/18/2023
50	ST4LBP-2	Storage Bldg #4, floor	Gray paint	10/18/2023
51	ST5LBP-1	Storage Bldg #4, exterior wall	Brown over beige paint	10/18/2023
52	ST7LBP-1	Storage Bldg #7, exterior concrete walls	Reddish brown paint	10/18/2023
53	ST7LBP-2	Storage Bldg #7, interior concrete walls	Gray paint	10/18/2023

Comments/Special Instructions: