

Appendix G - Hazardous Materials Survey



King County

Department of
Natural Resources and Parks
Solid Waste Division



HAZARDOUS MATERIALS SURVEY FINAL REPORT

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HDR



eM



FINAL

HAZARDOUS MATERIALS SURVEY

**FACTORIA TRANSFER STATION IMPROVEMENTS
BELLEVUE, WASHINGTON**

prepared for

King County, Washington

June 2010

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ATTACHMENTS

1	Sample Location Diagrams
2	Laboratory Reports
3	Inspector Certifications

1.0 Introduction

HDR|e²M has prepared the following Hazardous Materials Survey Report related to the Factoria Transfer Station Improvements, King County, Washington. Four buildings, consisting of two warehouses, the existing transfer station building, and the existing scale house, were surveyed for asbestos-containing materials (ACMs), lead-based paint (LBP), and other hazardous materials including light fixture ballasts, fluorescent bulbs, mercury switches, and exit signs. All buildings are currently occupied.

This report includes survey and sampling procedures, building construction descriptions, sample summary tables, and conclusions. Summary tables include sample numbers, locations, descriptions, condition, estimated quantities, and sample results.

The following are included as attachments to this report:

- **Attachment 1** – Sample Location Diagrams
- **Attachment 2** – Laboratory Reports
- **Attachment 3** – Inspector Certifications

The following four building descriptions were surveyed for ACMs, LBP, and other hazardous materials:

Table 1-1: Surveyed Buildings

Building	Parcel Use	Tenant	Construction Date	Building Size (~sq ft)
13433 SE 30 th Street	Warehouse/Office	Clarisonic	1967 (added-on 1972)	22,260
13429 SE 30 th Street	Warehouse/Office	Greenwood Furnace, Clarisonic, Accelerator Industries	1979	26,375
13800 SE 32 nd Street	Transfer Station	King County	1966	9,900
13800 SE 32 nd Street	Scale Station	King County	2001	300

2.0 Survey and Sampling Procedures

2.1 ACMs

An Asbestos Hazard Emergency Response Act (AHERA) and State of Colorado Certified Asbestos Inspector with reciprocity in the State of Washington conducted an ACM inspection of the structures on the site pursuant to the procedures and protocols set forth in the National Emission Standards for Hazardous Air Pollutants (NESHAPs), as amended in 40 Code of Federal Regulations Part 61 Subpart M; AHERA; and all state and local regulations.

Survey and sampling procedures were performed in accordance with applicable sections of the following regulatory requirements:

- Public Works Technical Bulletin (PWTB) 420-70-8, Chapter 8-3, “Bulk Sample Collection”;
- Section I of the EPA “Model EPA Curriculum for Training Building Inspectors”;
- Occupational Safety and Health Administration (OSHA) section 1910.1001 pursuant to the requirements of 763.86 of 40 Code of Federal Regulations (CFR) Part 763;
- Asbestos Hazard Emergency Response Act (AHERA, [P.L. 99-519]);
- Asbestos School Hazards Abatement Reauthorization Act of 1992 (ASHARA, [P.L. 101-637]); and
- NESHAPS as amended in 40 CFR Part 61 Subpart M.

The inspector conducted a thorough inspection of each structure to identify all surfacing material, thermal system insulation (TSI), and miscellaneous materials that potentially contain asbestos. The asbestos survey included accessible exterior building surfaces, and all accessible interior areas. Areas of the buildings deemed inaccessible, such as pipe chases, areas behind walls, and roofs were not sampled. The inspector identified “homogenous areas” and “functional spaces”. Homogenous areas refer to materials that are similar in color, composition, date of manufacture/application, texture, or other characteristics. Functional spaces are those areas of a building delineated by their use; such as offices, kitchen, hallways, etc. Suspect ACM samples were then collected in a statistically random manner and included all homogenous areas. Since surfacing materials often have uneven mixtures, all surfacing materials were collected according to the “3, 5, 7 rule” whereas three samples were collected from homogenous areas less than 1,000 square feet, 5 samples were collected from homogenous areas between 1,000 and 5,000 square feet, and 7 samples were collected from homogenous areas greater than 5,000 square feet. A minimum of one bulk sample was collected from each TSI or miscellaneous material homogenous area.

Sampling was performed while wearing disposable gloves. Several hand tools were used to sample such as a hammer, screwdriver, chisel, knives, etc. All hand tools were decontaminated with disposable wet wipes after each sample was collected, and gloves were changed between each sample. All suspect materials were also assessed by touch to determine if they are friable materials. Friable is defined as being able to be crushed by hand pressure. In instances where suspect ACM was considered friable, it was sampled by first wetting down the sample location using a small spray bottle prior to obtaining the appropriate sample. A respirator with PM-100 cartridges was also worn while sampling any friable suspect ACM. Sample locations were marked on hand drawn sketches of each building (**Attachment A**). Samples were placed in individual zip-top baggies, labeled, and logged onto a Chain-of-Custody (CoC) form for delivery to the laboratory. Sample number, sample location, material description, condition, and estimated quantity of each material were also recorded.

All samples were analyzed by Reservoirs Environmental, Inc., a laboratory accredited by the National Voluntary Laboratory Accreditation Program (NVLAP), American Industrial Hygiene Association (AIHA), and Environmental Lead Laboratory Accreditation Program (ELLAP). Asbestos samples were analyzed by polarized light microscopy (PLM). The presence of asbestos is defined as containing greater than 1% asbestos.

2.2 LBP

A State of Washington Certified LBP inspector visually assessed painted surfaces of each building and collected samples for LBP testing.

Survey and sampling procedures were performed in accordance with applicable sections of the following regulatory requirements:

- 40 Code of Federal Regulations (CFR) Part 745;
- 40 CFR Part 35;
- Lead-Based Paint Hazard Reduction Act of 1992 ("Title X", [Public Law {P.L.} 102-550]);
- Toxic Substances Control Act (15 United States Code Chapter 53, Subchapter IV);
- Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing, United States Department of Housing and Urban Development (HUD), June 1995 (Chapter 7 Revision, 1997); and
- EPA Guidance on Identification of Lead-Based Paint Hazards; Notice: 60 CFR 47247: 11 September 1995.

The LBP surveyor performed a visual assessment of the four buildings. Multiple paint colors were observed within each building. Each color which was accessible was sampled. The samples were placed in individual Ziploc bags and labeled with a unique sample identification code number immediately upon collection of the sample. The sample locations were marked on a hand drawn sketch (**Attachment 1**), and descriptions of the samples were noted. Standard COC protocol was used to document and ensure a continuous record of sample possession from the time of sample collection until sample receipt by the laboratory.

Field decontamination procedures for non-disposable sampling equipment (e.g., knives, scrapers) consisted of wiping the equipment off twice using a clean wet disposable wipe between samples.

The suspect LBP paint chip samples were analyzed by Atomic Absorption Spectroscopy/Atomic Emission Spectroscopy – Inductively Coupled Plasma by EPA SW-846 Method 3050B by Reservoirs Environmental, Inc. of Denver, Colorado. The laboratory is currently AIHA accredited for metals analyses through the Environmental Lead Proficiency Analytical Testing (ELPAT) - ELLAP for environmental samples. LBP

is defined in Title X of the 1992 Housing and Community Development Act as equal to, or greater than, 1.0 milligram per centimeter squared (mg/cm²) or 0.5% by weight.

3.0 Inventory of Other Hazardous Materials

HDR|e²M personnel conducted a visual inventory of other potential hazardous materials, such as light ballasts, fluorescent light bulbs, thermostat switches, and exit signs. Older-model light ballasts associated with fluorescent lighting may contain polychlorinated biphenyls (PCBs). Mercury and other hazardous substances may be present within fluorescent light bulbs, thermostat switches, and exit signs

Light fixtures, thermostats, and exit signs were visually inventoried. Light ballasts were visually inspected for labels indicating if the ballasts contained PCBs or not; however, no labels concerning PCBs were observed. The manufacturer of the exit signs and thermostats was obtained if the information was available. **Tables 3-1** through **Table 3-3** summarize the other hazardous material-containing building materials identified during the site reconnaissance.

Table 3-1: 13433 SE 30th Street Hazardous Materials Inventory

Location	Exit Sign/ Manufacturer	Light Ballast	Fluorescent Bulbs	Thermostat/ Manufacturer
Warehouse	3 (LunaPlast)	40	80	4 heater units (Modine)
Assembly Line	3 (Unk)	20	40	1 (Honeywell)
Downstairs kitchen, mechanical room, conference room	3 (Unk)	54	108	2 (Thermo King)
Mezzanine level offices	0	27	54	4 (Thermo King)
Exterior	0	7	7	0

Unk = Unknown

Table 3-2: 13429 SE 30th Street Hazardous Materials Inventory

Location	Exit Sign/ Manufacturer	Light Ballast	Fluorescent Bulbs	Thermostat/ Manufacturer
Greenwood Furnace Office	1 (Unk)	19	38	1 (Honeywell)
Greenwood Furnace Shop	1 (Unk)	13	13	0
Accelerator Industries Office	1 (Unk)	0	0	1 (Unk)
Accelerator Industries Warehouse/Shipping	2 (Unk)	15	30	0
Accelerator Industries Production/Welding Area	0	15	30	0
Clarisonic Offices (1 st story)	0	10	20	0
Clarisonic Offices (2 nd Story)	0	4	8	0
Clarisonic Warehouse	2	19	19	3 heater units (Reznor)
Exterior	0	6	6	0

Unk = Unknown

Table 3-3: 13800 SE 32nd Street Transfer Station Hazardous Materials Inventory

Location	Exit Sign/ Manufacturer	Light Ballast	Fluorescent Bulbs	Thermostat/ Manufacturer
Transfer Station Interior	0	23	31	0
Transfer Station Interior – Transfer Trailer bays	0	20	20	0
Transfer Station Exterior	0	6	6	0
Scale House Interior	1 (Unk)	8	6	1 (Honeywell)
Scale House Exterior	0	20	20	0

Unk = Unknown

4.0 ACM and LBP Survey and Sample Results

This section provides results of the ACM and LBP surveys. Summary tables, describing sample numbers, material descriptions, sample locations, material condition, estimated quantities, and sample results are included in this section. Sample location diagrams are provided in **Attachment 1** and analytical results are included in **Attachment 2**.

4.1 Clarisonic – 13433 SE 30th Street

Clarisonic occupies the building at 13433 SE 30th Street, as well as the central portion of the 13429 SE 30th Street building (described below). The Clarisonic facility located at 13433 Southeast 30th Street consisted of an assembly line, warehouse, and two-story office area. The building was originally constructed in 1967, with the existing warehouse space added on in 1972. Both the original building and the addition were constructed as concrete tilt-up buildings with concrete floors. The original building currently contains the production line, employee kitchen and break room, and several offices. The exterior walls associated with the original building are present within the addition and separate the assembly line from the warehouse.

The main level of the building consists of the warehouse, air compressor room, assembly line, restroom facilities, employee kitchen, conference room, and offices. Three large offices and a conference room are present on the second floor. Building sketches with ACM and LBP sample locations for 13433 SE 30th Street are provided as **Figures 1 and 2 in Attachment 1**.

Tables 4-1 and 4-2 below summarize the suspect ACM and LBP samples that were collected and the analytical laboratory results. As seen from **Table 4-1**, ACMs were not identified in samples collected from the Clarisonic facility. As seen from **Table 4-2**, LBP was not detected above 0.5% by weight in the samples collected from the Clarisonic facility. It should be noted LBP is reported qualitatively as “Lead Present” in sample WH1-LBP-8 since the laboratory did not have sufficient material for analysis. However, sample WH1-LBP-8 was collected from a similar material and substrate as WH1-LBP-6 (dark blue painted metal door frame) and is believed to have a similar lead concentration (0.05%).

Table 4-1: Clarisonic - 13433 SE 30th Street Asbestos Sampling Summary

Sample #	Location/Description	Condition	Estimated Quantity (total)	Asbestos (%)
WH1-ACM-1	Popcorn ceiling texture, stairway 1 st floor	Good	850 sq ft	ND
WH1-ACM-2	Popcorn ceiling texture, stairway 2 nd floor	Damaged	850 sq ft	ND
WH1-ACM-3	Popcorn ceiling texture, east office 2 nd floor	Good	850 sq ft	ND
WH1-ACM-4	4' x 2' ceiling tile, central office 2 nd floor	Damaged	700 sq ft	ND
WH1-ACM-5	4' x 2' ceiling tile, 2 nd floor conference room	Damaged	700 sq ft	ND
WH1-ACM-6	4' x 2' ceiling tile, central office 2 nd floor	Damaged	700 sq ft	ND
WH1-ACM-7	Soft cream-color cove-base adhesive, 2 nd floor conference room	Good	325 linear ft	ND
WH1-ACM-8	Soft cream-color cove-base adhesive, 1 st floor maintenance room	Good	325 linear ft	ND
WH1-ACM-9	Soft cream-color cove-base adhesive, 2 nd floor west office	Good	325 linear ft	ND
WH1-ACM-10	White drywall with texture, 2 nd floor conference room	Good	4,000 sq ft	ND
WH1-ACM-11	White drywall with texture, 2 nd floor east office	Good	4,000 sq ft	ND
WH1-ACM-12	White drywall, tape, and mud with texture, 1 st floor maintenance room	Good	4,000 sq ft	ND
WH1-ACM-13	White drywall with texture, 1 st floor conference room	Good	4,000 sq ft	ND
WH1-ACM-14	White drywall with texture, kitchen	Good	4,000 sq ft	ND
WH1-ACM-15	Grey-fleck sheet flooring, 1 st floor maintenance room	Good	1,000 sq ft	ND
WH1-ACM-16	Grey-fleck sheet flooring, 1 st floor hallway	Good	1,000 sq ft	ND
WH1-ACM-17	Grey-fleck sheet flooring, kitchen	Good	1,000 sq ft	ND
WH1-ACM-18	White drywall, tape, and mud, air compressor room	Good	350 sq ft	ND

ND = None Detected

Table 4-2: Clarisonic - 13433 SE 30th Street LBP Sampling Results

Sample #	Location	Material	Condition	LBP (%)
WH1-LBP-1	Kitchen	West side wall, white on drywall	Good	0.02
WH1-LBP-2	Stairway	East side wall, white on wood paneling	Good	BRL
WH1-LBP-3	Mezzanine level	South wall window frame, white on metal	Good	BRL
WH1-LBP-4	Mezzanine level between eastern office and central room	Interior door frame, white on wood	Good	BRL
WH1-LBP-5	Warehouse	East interior/exterior warehouse wall, blue on concrete	Good	0.01
WH1-LBP-6	Warehouse	Door frame, dark blue on metal	Fair	0.05
WH1-LBP-7	Warehouse	Patch on north wall, white on concrete	Fair	BRL
WH1-LBP-8	Warehouse	Interior/exterior north warehouse wall, light blue on concrete	Good	0.01
WH1-LBP-9	Warehouse	Door frame, dark blue on metal	Fair	Lead present
WH1-LBP-10	Assembly Line	Wide stripe on south wall, white on concrete	Good	BRL
WH1-LBP-11	Assembly Line	Painted floor, light blue on concrete	Fair	0.01
WH1-LBP-12	Warehouse exterior	West wall, gray over blue on concrete	Good	BRL
WH1-LBP-13	Warehouse exterior	South door, dark gray on metal	Fair (Chalking)	BRL

BRL = below reporting limit

4.2 Multi-Tenant Facility - 13429 SE 30th Street

13429 Southeast 30th Street is a warehouse facility with three tenants: Greenwood Furnace, Clarisonic, and Accelerator Industries. Each tenant's space consisted of finished offices, restroom facilities and warehouse space. The Clarisonic facility also included mezzanine-level offices. The building was reportedly constructed in 1979. The southern portion of the building was constructed as a concrete tilt-up building with concrete floor, and the northern portion of the building was constructed with sheet-metal walls and concrete floors. The Greenwood Furnace and Clarisonic tenant spaces were separated by clear plastic in the warehouse areas and framed finished drywall in the office areas. The Clarisonic and Accelerator Industries tenant spaces were separated

by framed finished drywall. Building sketches with ACM and LBP sample locations are provided as **Figure 3** and **Figure 4** in **Attachment 1**. **Table 4-3** below summarizes suspect LBP samples that were collected from the exterior of the building. No suspect ACM was observed on the exterior of the building. Information regarding samples collected from each separate tenant space is provided in **Sections 4.2.1** through **4.2.3** below.

As seen from **Table 4-3**, LBP was not detected above 0.5% by weight in the samples collected from the exterior of the building. It should be noted LBP is reported qualitatively as “Lead Present” in sample WH2-LBP-3 since the laboratory did not have sufficient material for analysis. However, sample WH2-LBP-3 was collected from a similar material and substrate as WH2-LBP-5 (yellow painted sheet metal) and is believed to have a similar lead concentration (0.03%).

Table 4-3: 13429 SE 30th Street Exterior LBP Sampling Results

Sample #	Location	Material	Condition	LBP (%)
WH2-LBP-1	Exterior	East wall, light pink on concrete	Good	BRL
WH2-LBP-2	Exterior	West wall southern door, light red on metal	Fair (Chalking)	BRL
WH2-LBP-3	Exterior	South wall, yellow on metal	Fair (Chalking)	Lead Present
WH2-LBP-4	Exterior	East door frame, red on metal	Fair	0.01
WH2-LBP-5	Exterior	East wall, north end, yellow on metal	Good	0.03
WH2-LBP-6	Exterior	East door frame, red on metal	Fair	BRL

BRL = below reporting limit

4.2.1 Greenwood Furnace – 13429 SE 30th Street

The Greenwood Furnace, located within the northern portion of the building, was a single-story facility consisting of offices and warehouse space. As seen from **Table 4.4**, ACM was not detected in the samples collected from the Greenwood Furnace facility. As seen from **Table 4.5**, LBP was not detected above the reporting limit in the samples collected from the Greenwood Furnace facility.

Table 4-4: Greenwood Furnace - 13429 SE 30th Street Asbestos Sampling Summary

Sample #	Location/Description	Condition	Estimated Quantity (total)	Asbestos (%)
GW1-ACM-1	12" x 12" white floor tile with blue flecks, copy room	Good	350 sq ft	ND
GW1-ACM-2	12" x 12" white floor tile with blue flecks, kitchen	Good	350 sq ft	ND
GW1-ACM-3	12" x 12" white floor tile with blue flecks, entrance	Good	350 sq ft	ND
GW1-ACM-4	Drywall with texture, main office area near entrance	Good	1,200 sq ft	ND
GW1-ACM-5	Drywall, tape, and mud with texture, kitchen	Good	1,200 sq ft	ND
GW1-ACM-6	Drywall with texture, conference room	Good	1,200 sq ft	ND
GW1-ACM-7	Drywall with texture, copy room	Good	1,200 sq ft	ND
GW1-ACM-8	Drywall with texture, office adjoining to kitchen	Good	1,200 sq ft	ND
GW1-ACM-9	White cove-base adhesive, kitchen	Good	320 linear ft	ND
GW1-ACM-10	White cove-base adhesive, conference room	Good	320 linear ft	ND
GW1-ACM-11	White cove-base adhesive, women's restroom	Good	320 linear ft	ND
GW1-ACM-12	4' x 2' Ceiling tile, main office area	Damaged	1,200 sq ft	ND
GW1-ACM-13	4' x 2' Ceiling tile, conference room	Damaged	1,200 sq ft	ND
GW1-ACM-14	White cove-base adhesive, women's restroom	Good	30 linear ft	ND

ND = None Detected

Table 4-5: 13429 SE 30th Street Greenwood Furnace LBP Sampling Results

Sample #	Location	Material	Condition	LBP (%)
GW1-LBP-1	Main office area	North wall, white on drywall	Good	BRL
GW1-LBP-2	Conference room	North wall, cream on drywall	Good	BRL
GW1-LBP-3	Conference room	South wall, white on drywall	Good	BRL
GW1-LBP-4	Warehouse	East interior wall, dark gray on concrete	Good	BRL
GW1-LBP-5	Warehouse	East interior wall, white on concrete	Good	BRL

BRL = below reporting limit

4.2.2 Accelerator Industries – 13429 SE 30th Street

The Accelerator Industries facility, located within the southern portion of the building, is a single-story facility consisting of offices and a warehouse area. The warehouse is separated into a shipping and handling facility (north) and a production facility with several welding booths (south). Restroom facilities and a break room were also present in the warehouse. As seen from **Table 4.6**, ACM was not detected in the samples collected from the Accelerator Industries facility. As seen from **Table 4.7**, LBP was not detected above 0.5% by weight in the samples collected from the Accelerator Industries facility.

Table 4-6: 13429 SE 30th Street Accelerator Industries Asbestos Sampling Summary

Sample #	Location/Description	Condition	Estimated Quantity (total)	Asbestos (%)
AI-ACM-01	Drywall with texture, main office hallway	Good	1,200 sq ft	ND
AI-ACM-02	Drywall with texture, south office	Good	1,200 sq ft	ND
AI-ACM-03	Drywall with texture, entrance	Good	1,200 sq ft	ND
AI-ACM-04	Drywall, Break Room exterior	Good	4,000 sq ft	ND
AI-ACM-05	Drywall – Break Room interior	Good	4,000 sq ft	ND
AI-ACM-06	Drywall, northeast corner of warehouse	Good	4,000 sq ft	ND
AI-ACM-07	Drywall, south wall of shipping area	Good	4,000 sq ft	ND

Table 4-6: 13429 SE 30th Street Accelerator Industries Asbestos Sampling Summary (Continued)

Sample #	Location/Description	Condition	Estimated Quantity (total)	Asbestos (%)
AI-ACM-08	Drywall, north wall of welding area	Good	4,000 sq ft	ND
AI-ACM-09	12" x 12" floor tile, men's restroom	Good	50 sq ft	ND
AI-ACM-10	Yellow insulation with plastic backing	Damaged	1,600 sq ft	ND
AI-ACM-11	Yellow insulation with plastic backing	Damaged	1,600 sq ft	ND
AI-ACM-12	Yellow insulation with plastic backing	Damaged	1,600 sq ft	ND
AI-ACM-13	Drywall, women's restroom	Good	170 sq ft	ND

ND = None Detected

Table 4-7: 13429 SE 30th Street Accelerator Industries LBP Sampling Results

Sample #	Location	Material	Condition	LBP (%)
AI-LBP-01	Break room	North interior wall, tan on drywall	Good	BRL
AI-LBP-02	Break room	North exterior wall, white on drywall	Good	BRL
AI-LBP-03	Break room	East window frame, tan on metal	Good	BRL
AI-LBP-04	Women's rest room	South wall, orange on drywall	Good	BRL
AI-LBP-05	Men's rest room	South wall, blue on drywall	Good	BRL
AI-LBP-06	Women's rest room	Door frame, tan on metal	Good	BRL
AI-LBP-07	Warehouse	East wall door frame, white on metal	Fair	BRL
AI-LBP-08	Reception area	West wall, yellow on drywall	Good	BRL
AI-LBP-09	Reception area	West doorframe, red on metal	Good	0.01
AI-LBP-10	Reception area	West doorframe, white on metal	Good	0.01
AI-LBP-11	Reception area	North baseboard, white on wood	Good	BRL

BRL = below reporting limit

4.2.3 Clarisonic– 13429 SE 30th Street

The Clarisonic facility, located within the central portion of the building, consisted of a warehouse area and a two-story office area. Restroom facilities were also present in the warehouse. As seen from **Table 4.8**, ACM was not detected in the samples collected from the Clarisonic facility. As seen from **Table 4.9**, LBP was not detected above 0.5% by weight in the samples collected from the Clarisonic facility.

Table 4-8: 13429 SE 30th Street Clarisonic Asbestos Sampling Summary

Sample #	Location/Description	Condition	Estimated Quantity (total)	Asbestos (%)
CS2-ACM-01	Yellow insulation with white plastic backing, east warehouse wall	Damaged	3,000 sq ft	ND
CS2-ACM-02	Yellow insulation with white plastic backing, west warehouse wall (SW corner)	Damaged	3,000 sq ft	ND
CS2-ACM-03	Yellow insulation with white plastic backing, west warehouse wall	Damaged	3,000 sq ft	ND
CS2-ACM-04	Drywall, warehouse west wall bump-out	Good	5,200 sq ft	ND
CS2-ACM-05	Drywall, warehouse south wall	Damaged	5,200 sq ft	ND
CS2-ACM-06	Drywall, restroom west outer wall	Good	5,200 sq ft	ND
CS2-ACM-07	Drywall, restroom west interior wall	Good	5,200 sq ft	ND
CS2-ACM-08	Drywall, warehouse east wall	Damaged	5,200 sq ft	ND
CS2-ACM-09	Drywall, mezzanine east wall	Good	5,200 sq ft	ND
CS2-ACM-10	Drywall, warehouse north wall	Damaged	5,200 sq ft	ND
CS2-ACM-11	Drywall with texture, east wall of mezzanine western room	Good	1,300 sq ft	ND
CS2-ACM-12	Drywall with texture, west wall of mezzanine central room	Good	1,300 sq ft	ND
CS2-ACM-13	Drywall with texture, office hallway north wall	Good	1,300 sq ft	ND
CS2-ACM-14	Drywall with texture, tape, and mud, east office north wall	Good	1,300 sq ft	ND
CS2-ACM-15	Drywall with texture, southeast office east wall	Good	1,300 sq ft	ND
CS2-ACM-16	Yellow floor tile mastic, mezzanine	Significantly Damaged	380 sq ft	ND

Table 4-8: 13429 SE 30th Street Clarisonic Asbestos Sampling Summary (Continued)

Sample #	Location/Description	Condition	Estimated Quantity (total)	Asbestos (%)
CS2-ACM-17	4' x 2' ceiling tile, mezzanine central room (storage)	Good	600 sq ft	ND
CS2-ACM-18	12" x 12" white floor tile with grey flecks, office hallway	Good	90 sq ft	ND
CS2-ACM-19	White cove-base adhesive, office hallway northwest wall	Good	150 linear ft	ND
CS2-ACM-20	White cove-base adhesive, eastern office north wall	Good	150 linear ft	ND
CS2-ACM-21	White cove-base adhesive, office hallway southwest wall	Good	150 linear ft	ND
CS2-ACM-22	Soft yellow cove-base adhesive, restroom north exterior wall	Good	30 linear ft	ND
CS2-ACM-23	Soft yellow cove-base adhesive, restroom north interior wall	Good	30 linear ft	ND
CS2-ACM-24	Sheet linoleum, restroom	Good	60 sq ft	ND

ND = None Detected

Table 4-9: 13429 SE 30th Street Clarisonic LBP Sampling Results

Sample #	Location	Material	Condition	LBP (%)
CS2-LBP-01	Restroom	West exterior wall, dark gray on drywall	Good	BRL
CS2-LBP-02	Restroom	North door frame, white on wood	Good	BRL
CS2-LBP-03	Warehouse	South wall, white on drywall	Fair	BRL
CS2-LBP-04	Warehouse	West door frame, white over blue on metal	Fair	BRL
CS2-LBP-05	Warehouse	East door frame, white on metal	Fair	BRL
CS2-LBP-06	Large eastern office	North wall, white on drywall	Good	BRL
CS2-LBP-07	Stairway to mezzanine	Support beam, white on metal	Fair	0.04
CS2-LBP-08	Stairway to mezzanine	West wall, white on concrete	Fair	BRL
CS2-LBP-09	West office, mezzanine	East wall, white on drywall	Good	0.04
CS2-LBP-10	Warehouse	Vertical support pillar, white on metal	Fair	0.005

BRL = below reporting limit

4.3 Transfer Station – 13800 SE 32nd Street

13800 SE 32nd Street is the existing Factoria Transfer Station. Buildings on the property included the transfer station and the scale house. The main transfer station building was reportedly constructed in 1966 and the scale house was reportedly constructed in the 1990s. A former residence was also present on the site; however, the inspector was unable to access the building.

4.3.1 Transfer Station– 13800 SE 32nd Street

The main transfer station building consisted of commercial and residential bays to unload solid waste, a household hazardous waste (HHW) drop-off and storage area, staging areas for the solid waste transfer trailers, and a small restroom facility. In addition, multiple portable sheds and trailers are present on the northwest and southeast edges of the facility. The inspector collected two ACM samples from a shed before learning the sheds and trailers would be removed from the transfer station rather than demolished. Additional ACM and LBP samples from the portable sheds and trailers were not collected.

The main floor of the transfer station building is open on two sides and has two sheet metal walls on the central portion. Painted sheet metal is also present along the roofline. The transfer trailer bays below the main building level have concrete walls and floors. Building sketches with ACM and LBP sample locations are provided as **Figures 5 and 6**.

As seen from **Table 4.10**, ACM was not detected in the samples collected from the main transfer station building. As seen from **Table 4.11**, LBP was detected above 0.5% by weight in four samples collected from the main transfer station building facility.

Table 4-10: 13800 SE 32nd Street (Transfer Station) Asbestos Sampling Summary

Sample #	Location/Description	Condition	Estimated Quantity (total)	Asbestos (%)
TS-ACM-01	Drywall with texture, HHW shed wall	Good	200 sq ft	ND
TS-ACM-02	Insulation with black backing, HHW shed wall	Good	200 sq ft	ND
TS-ACM-03	Pipe insulation, HHW southeast end	Damaged	650 linear ft	ND
TS-ACM-04	Pipe insulation, HHW central portion	Damaged	650 linear ft	ND
TS-ACM-05	Pipe insulation, HHW northwest end	Damaged	650 linear ft	ND

ND = None Detected

Table 4-11: 13800 SE 32nd Street (Transfer Station) LBP Sampling Results

Sample #	Location	Material	Condition	Estimated Quantity (Total)	LBP (%)
TS-LBP-01	South corner of HHW	Support pillar, white on metal	Fair	200 ft sq	BRL
TS-LBP-02	HHW	Safety bollard below metal pillar, yellow on concrete	Fair to poor	300 ft sq	6.9
TS-LBP-03	HHW	Support pillar, silver spray paint over red on metal	Fair to poor	1,000 ft sq	1.6
TS-LBP-04	Residential Bays	Safety bollard along HHW fence, yellow on metal	Good to fair	150 ft sq	BRL
TS-LBP-05	Residential Bays	Northeast support pillar, white over red on metal	Fair to poor	1,000 ft sq	0.74
TS-LBP-06	Exterior	Southwest end between bays, white on metal	Fair to poor	6,000 ft sq	1.4
TS-LBP-07	Residential Bay	Southwest end between bays, white on metal	Fair to poor	6,000 ft sq	BRL
TS-LBP-08	HHW	Safety railing, yellow on metal	Good	50 linear ft	BRL
TS-LBP-09	Stairway to lower level	Northeast lower level trim, blue on metal	Fair	200 sq ft	BRL
TS-LBP-10	Lower level	Northeast wall, white on concrete	Fair	500 sq ft	BRL
TS-LBP-11	Stairway	Stair paint, grey on concrete	Fair to poor	60 sq ft	BRL
TS-LBP-12	Transfer trailer bay	Safety striping on walkway, yellow on concrete	Fair	400 linear ft	BRL
TS-LBP-13	Lounge	North wall, white on concrete	Good	210 ft sq	0.07
TS-LBP-14	Restroom/lounge	Door frame, white multiple layers on metal	Good	10 ft sq	0.01
TS-LBP-15	Restroom	South wall, white over concrete	Good	150 ft sq	0.03

BRL = below reporting limit

Bold = LBP exceeds 0.5% by weight.

4.3.2 Scale House – 13800 SE 32nd Street

The Scale House consisted of a small, prefabricated structure with a service area, kitchen, restroom and mechanical storage area. A small shed was located directly east of the scale house. Building sketches with ACM and LBP sample locations are provided as **Figures 7** and **8**.

As seen from **Table 4.12**, ACM was not detected in the samples collected from the Scale House. As seen from **Table 4.13**, LBP was not detected above 0.5% by weight in the samples collected from the Scale House.

Table 4-12: 13800 SE 32nd Street (Scale House) Asbestos Sampling Summary

Sample #	Location/Description	Condition	Estimated Quantity (total)	Asbestos (%)
SH-ACM-01	Drywall with texture, kitchen west wall	Good	1,000 sq ft	ND
SH-ACM-02	Drywall with texture, control room east wall	Good	1,000 sq ft	ND
SH-ACM-03	Drywall with texture, hallway south wall	Good	1,000 sq ft	ND
SH-ACM-04	Drywall with texture, mechanical room east wall	Good	1,000 sq ft	ND
SH-ACM-05	Drywall with texture, restroom north wall	Good	1,000 sq ft	ND
SH-ACM-06	Sheet flooring, mechanical room near east wall	Good	250 sq ft	ND
SH-ACM-07	Sheet flooring, hallway between kitchen and control room	Good	250 sq ft	ND
SH-ACM-08	Sheet flooring, southeast corner of restroom	Good	250 sq ft	ND
SH-ACM-09	HVAC sealant, eastern exterior	Good	5 linear ft	ND
SH-ACM-10	Roof shingle, shed	Good	24 sq ft	ND
SH-ACM-11	HVAC sealant, eastern exterior	Good	5 linear ft	ND

ND = None Detected

Table 4-13: 13800 SE 32nd Street (Scale House) LBP Sampling Results

Sample #	Location	Material	Condition	LBP (%)
SH-LBP-01	Hallway	South wall, white on drywall	Good	BRL
SH-LBP-02	Hallway	South wall window frame, white on wood	Good	BRL
SH-LBP-03	Exterior	East door frame, white on metal	Good	BRL
SH-LBP-04	Exterior	East door, red on metal	Good	BRL
SH-LBP-05	Exterior	East wall, tan on metal	Good	BRL
SH-LBP-06	Shed	South wall trim, blue on wood	Good	BRL
SH-LBP-07	Shed	South wall, tan on wood	Good	BRL

BRL = below reporting limit

5.0 Conclusions

ACMs were not detected in any of the buildings surveyed. LBP was detected in four samples collected from the main transfer station building. The painted exterior sheet metal, painted metal support pillars, and painted concrete bollards associated with the support pillars should be considered LBP unless proven otherwise. Painted beams, trusses, and trim near the roofline of the main transfer station building were not accessible during the survey and should be assumed LBP unless proven otherwise. **Table 5-1** summarizes the samples where LBP was detected.

Table 5-1: Positive LBP Sampling Results

Sample #	Location (Main Transfer Station Building)	Material	Condition	Estimated Quantity (Total)	LBP (%)
TS-LBP-02	HHW	Safety bollard below metal pillar, yellow on concrete	Fair to poor	300 ft sq	6.9
TS-LBP-03	HHW	Support pillar, silver spray paint over red on metal	Fair to poor	1,000 ft sq	1.6
TS-LBP-05	Residential Bays	Northeast support pillar, white over red on metal	Fair to poor	1,000 ft sq	0.74

Table 5-1: Positive LBP Sampling Results (Continued)

Sample #	Location (Main Transfer Station Building)	Material	Condition	Estimated Quantity (Total)	LBP (%)
TS-LBP-06	Exterior	Southwest end between bays, white on metal	Fair to poor	6,000 ft sq	1.4

BRL = below reporting limit

Bold = LBP exceeds 0.5% by weight.

According to the Washington Department of Commerce Lead-Based Paint Program, abatement of the LBP before demolition is not necessary. However, if any LBP abatement or demolition activities are to take place, they must conform with OSHA Lead in Construction regulations found in 29 CFR Part 1926.62, which require the employer provide worker protection. In addition, the waste stream will need to be analyzed for hazardous characteristics (lead) by Toxicity Characteristic Leaching Procedure (TCLP) prior to disposal to determine if it is a hazardous waste.

Note: HDR|e²M makes no warranty or guarantee to the 100% presence or absence of ACMs and LBP on the surveyed structures. Suspect ACMs and LBP may remain hidden, may have been inaccessible, or may not have been located or readily apparent at the time of inspection; and were thus not sampled by the inspector. Amounts and specific locations of ACMs and LBP may vary due to uneven mixing and application. Thus, it may not be possible to detect every single location of ACMs or LBP within a building during the course of one survey.

Figure 1

**13433 SE 30th St.
ACM sample locations**

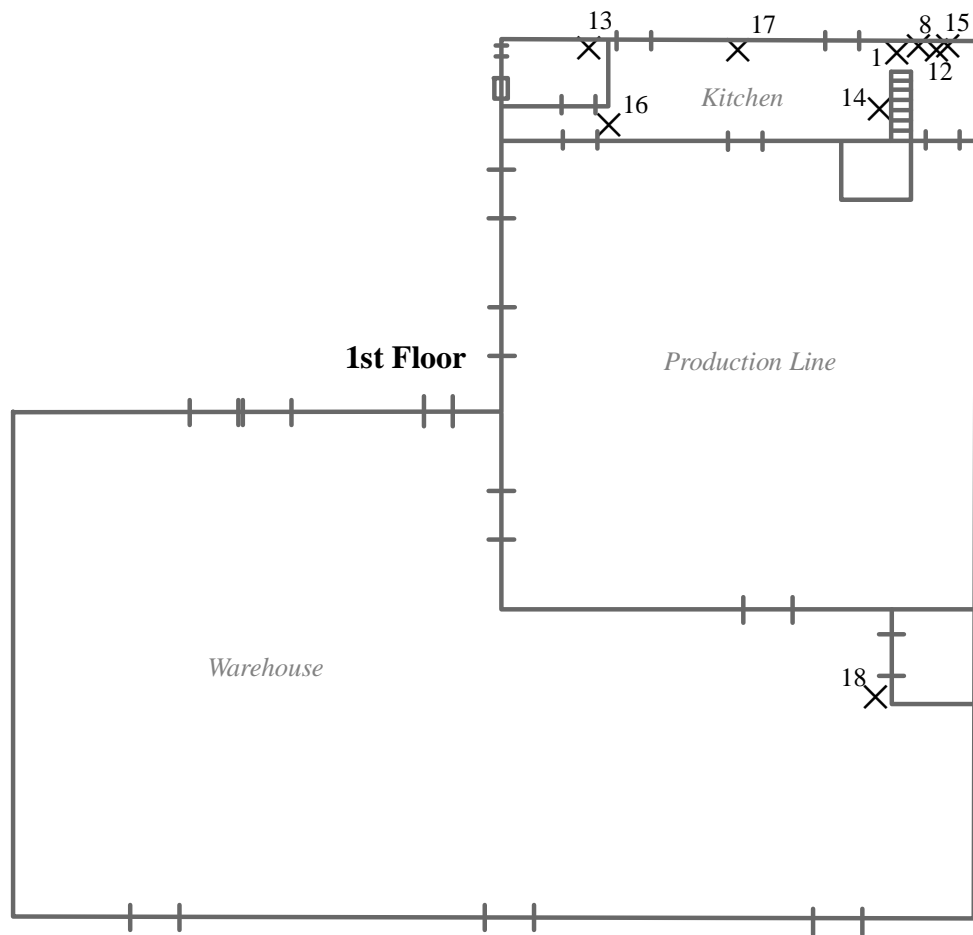
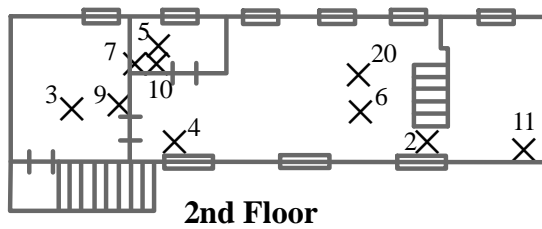
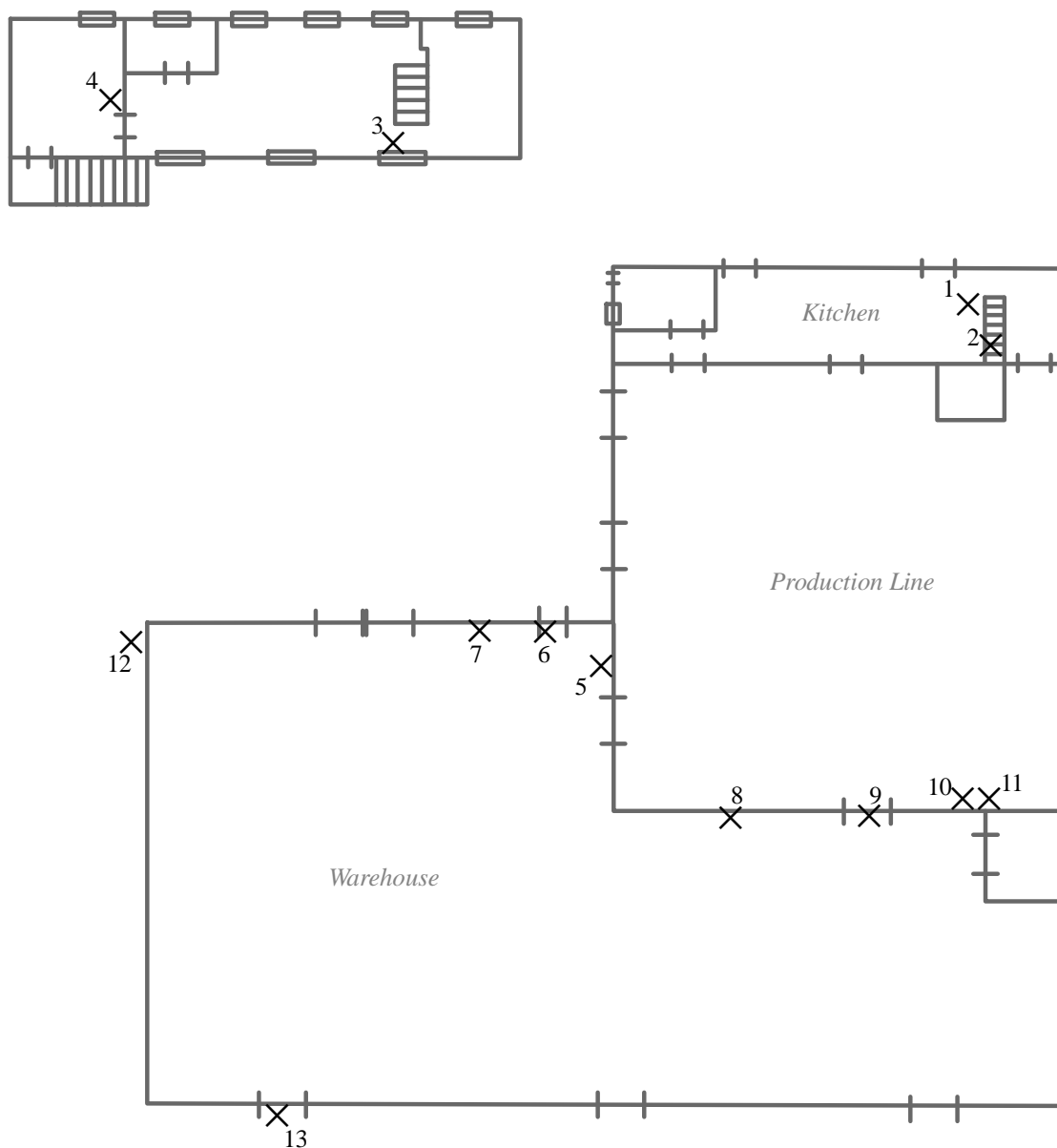


Diagram not to scale



Figure 2

**13433 SE 30th St.
LBP sample locations**

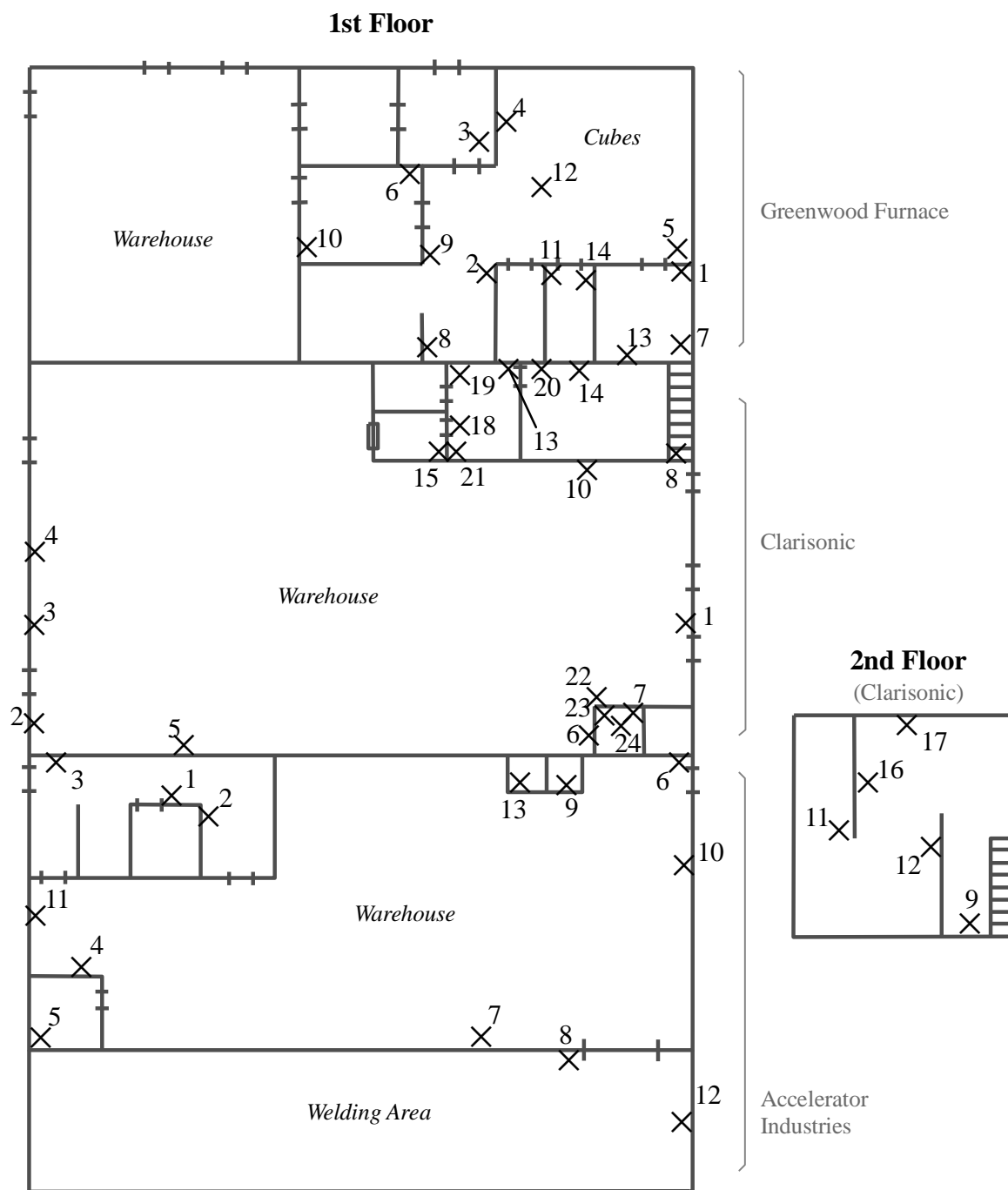


Digram not to scale



Figure 3

**13429 SE 30th St.
ACM sample locations**



13429 SE 30th St.
LBP sample locations

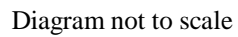


Figure 5

**Transfer Station
ACM sample locations**

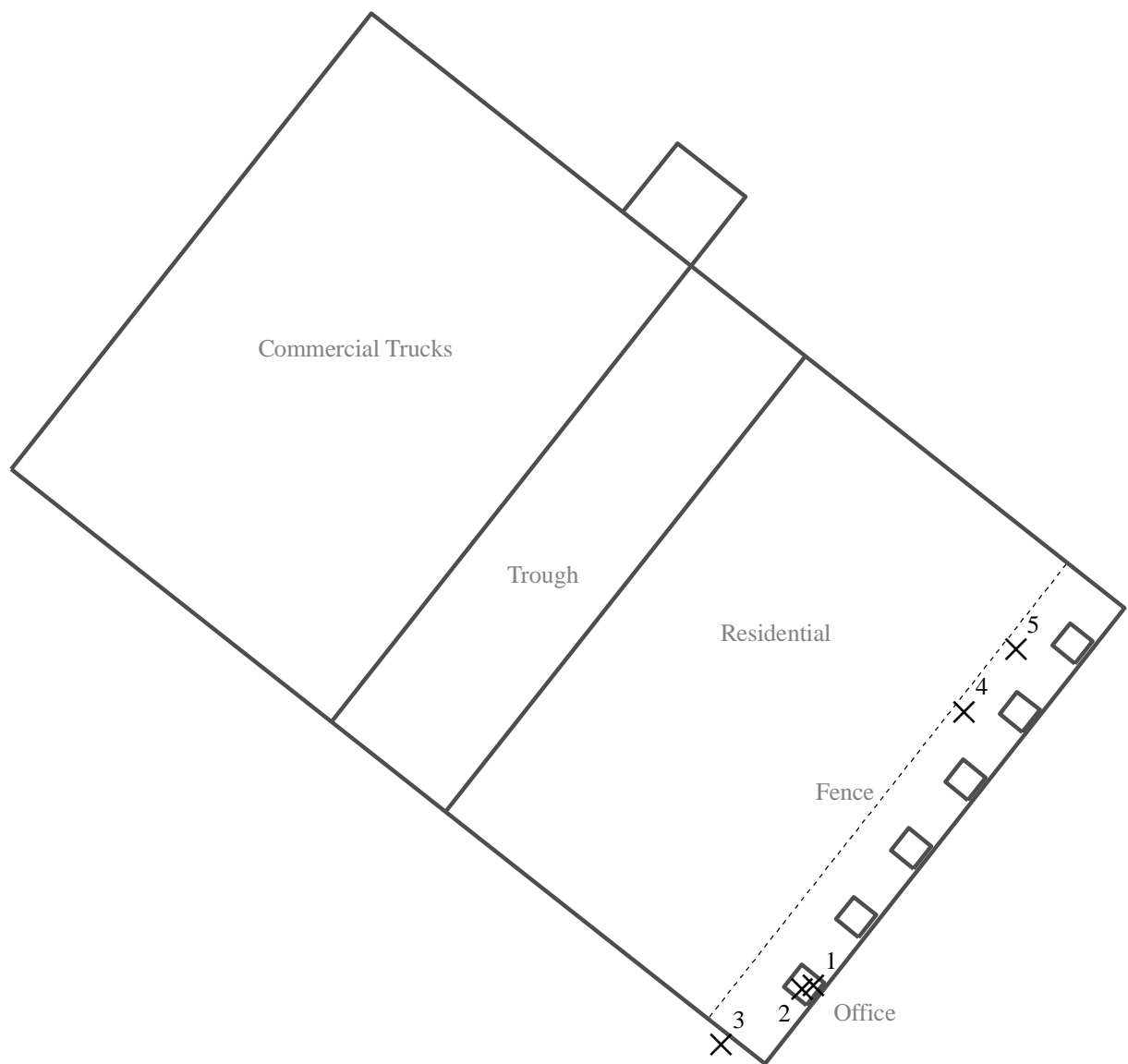


Diagram not to scale

Figure 6

**Transfer Station
LBP sample location**

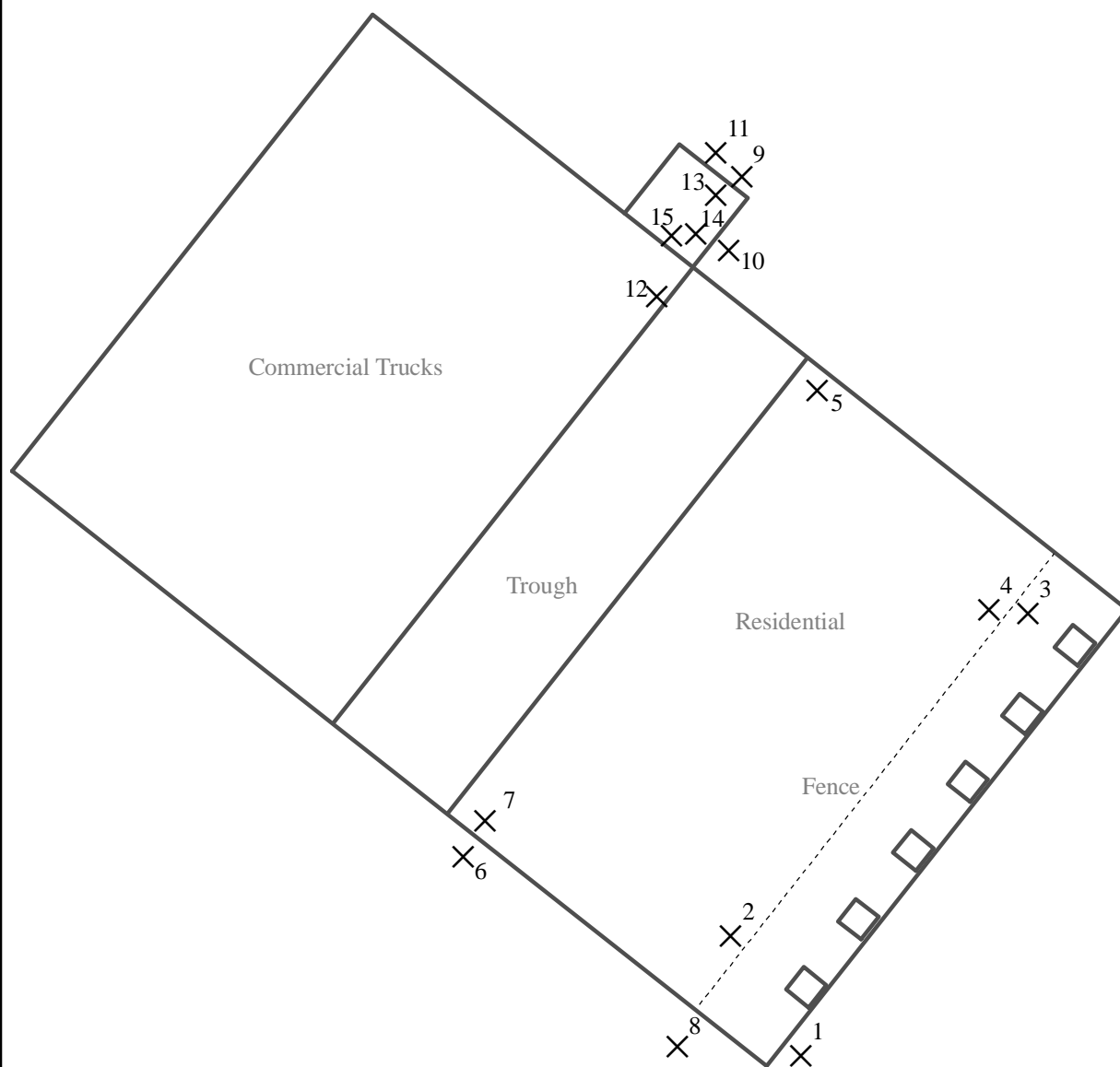


Diagram not to scale

Figure 7

**Scale House
ACM sample locations**

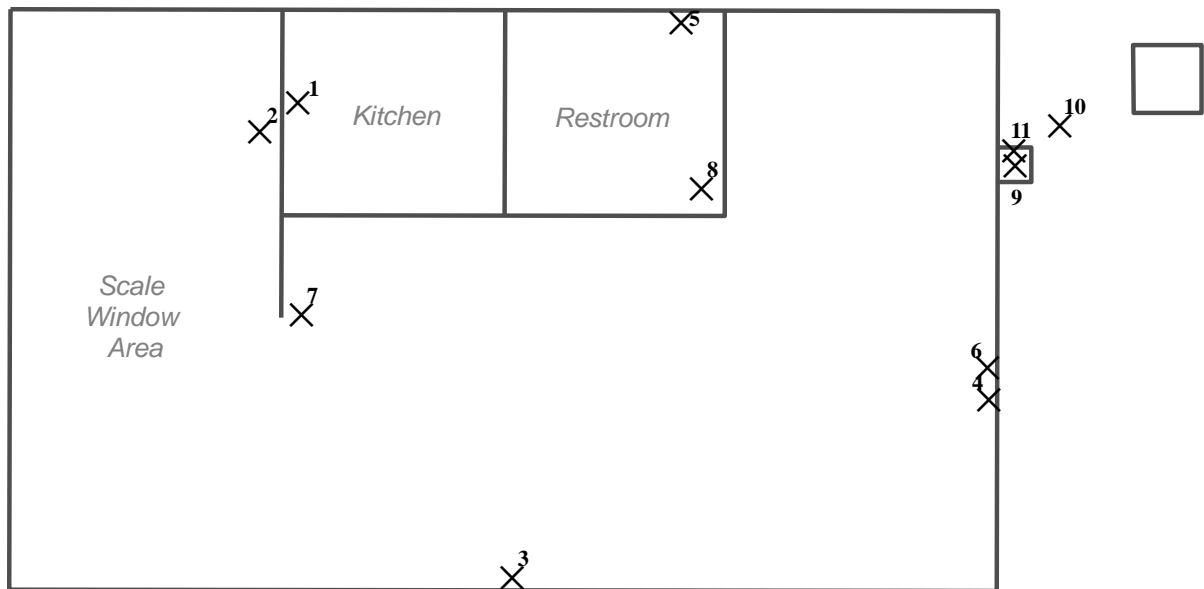


Diagram not to scale

Figure 8

**Scale House
LBP sample locations**

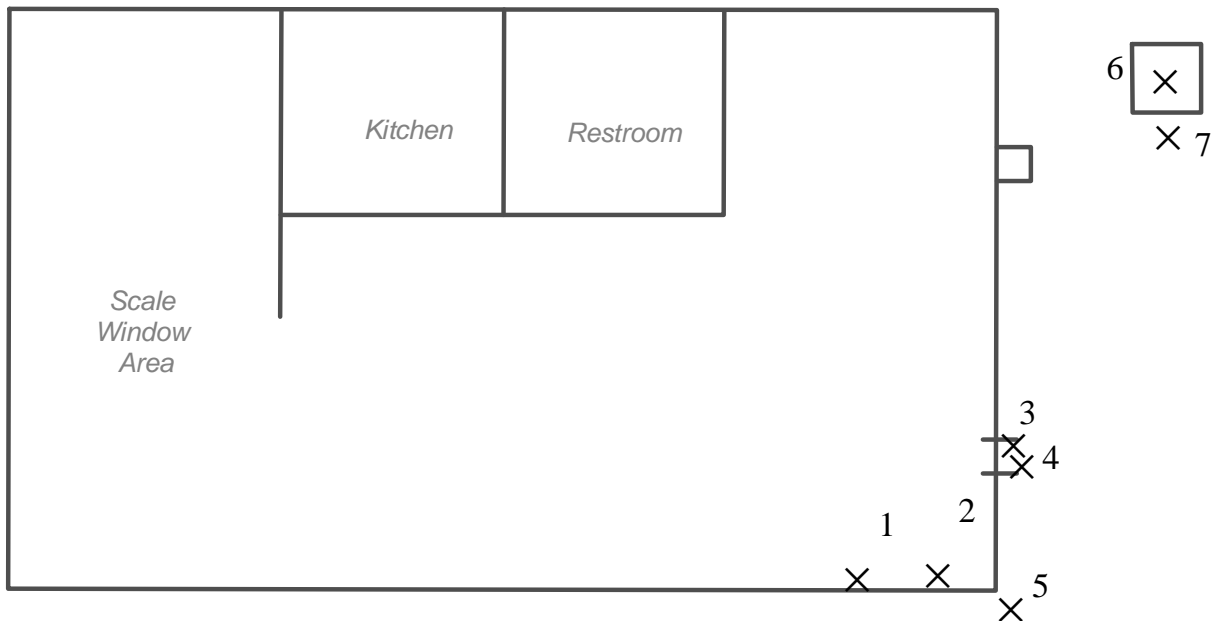


Diagram not to scale

May 5, 2010

Laboratory Code: RES
Subcontract Number: NA
Laboratory Report: RES 190589-1
Project # / P.O. #: 000000000124743-010
Project Description: Factoria Transfer Station

Kim Hawkins
E2M, Inc.
9563 S. Kingston Court #200
Englewood CO 80112

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 101896-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 101533 - Accreditation Certificate #480 for Phase Contrast Microscopy (PCM) analysis. This laboratory is currently proficient in both Proficiency Testing and PAT programs respectively.

Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 190589-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,



Jeanne Spencer Orr
President

Analyst(s):

Paul D. LoScalzo Wenlong Liu
Michael Scales Rich Wegrzyn
Anita Bridges James Venendaal
Adam Kinch Louis A. Church Jr.
Robert R. Workman Jr.



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TDH Licensed Laboratory # 30-0136

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TABLE PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 190589-1**
 Client: **E2M, Inc.**
 Client Project Number / P.O.: **000000000124743-010**
 Client Project Description: **Factoria Transfer Station**
 Date Samples Received: **April 28, 2010**
 Analysis Type: **PLM, Short Report**
 Turnaround: **3-5 Day**
 Date Analyzed: **May 3, 2010**

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
WH1-ACM-1	EM 564256	A	White foamy texture w/ white paint	100		ND	5	95
WH1-ACM-2	EM 564257	A	White foamy texture w/ white paint	100		ND	5	95
WH1-ACM-3	EM 564258	A	White foamy texture w/ white paint	100		ND	5	95
WH1-ACM-4	EM 564259	A	White fibrous material w/ white paint	100		ND	90	10
WH1-ACM-5	EM 564260	A	White/gray ceiling tile	100		ND	60	40
WH1-ACM-6	EM 564261	A	White/tan ceiling tile	100		ND	90	10
WH1-ACM-7	EM 564262	A	White resinous material	100		ND	0	100
WH1-ACM-8	EM 564263	A	White resinous material	40		ND	0	100
		B	Tan/white drywall	60		ND	50	50
WH1-ACM-9	EM 564264	A	White resinous material	30		ND	0	100
		B	Tan/white drywall w/ white paint	70		ND	30	70
WH1-ACM-10	EM 564265	A	Tan/white drywall w/ multi-colored paint	100		ND	10	90
WH1-ACM-11	EM 564266	A	White compound w/ multi-colored paint	10		ND	0	100
		B	Tan/white drywall	90		ND	10	90

ND=None Detected

TR=Trace, <1% Visual Estimate

Trem-Act=Tremolite-Actinolite

Note: Further analysis by TEM is recommended for organically bound material (i.e. floor tile) if PLM results are ≤1%.

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TABLE PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

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 Client Project Description: **Factoria Transfer Station**
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 Analysis Type: **PLM, Short Report**
 Turnaround: **3-5 Day**
 Date Analyzed: **May 3, 2010**

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non- Fibrous Components (%)
					Mineral	Visual Estimate (%)		
WH1-ACM-12	EM 564267	A	White tape	5		ND	95	5
		B	White joint compound	5		ND	0	100
		C	White compound w/ white paint	5		ND	0	100
		D	Tan/white drywall	85		ND	10	90
WH1-ACM-13	EM 564268	A	White compound w/ white paint	20		ND	0	100
		B	Tan/white drywall	80		ND	10	90
WH1-ACM-14	EM 564269	A	Multi-colored paint w/ white compound	6		ND	0	100
		B	Tan/white drywall	94		ND	10	90
WH1-ACM-15	EM 564270	A	White/gray flooring	100		ND	10	90
WH1-ACM-16	EM 564271	A	White/gray flooring w/ clear adhesive	100		ND	0	100
WH1-ACM-17	EM 564272	A	Clear adhesive	2		ND	0	100
		B	Gray plaster	18		ND	0	100
		C	White/gray flooring	80		ND	0	100
WH1-ACM-18	EM 564273	A	White tape	5		ND	95	5
		B	White joint compound	10		ND	0	100
		C	White compound	10		ND	0	100
		D	Tan/white drywall	75		ND	10	90

ND=None Detected

TR=Trace, <1% Visual Estimate

Trem-Act=Tremolite-Actinolite

Note: Further analysis by TEM is recommended for organically bound material (i.e. floor tile)
if PLM results are ≤1%.

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TABLE PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 190589-1**
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 Client Project Description: **Factoria Transfer Station**
 Date Samples Received: **April 28, 2010**
 Analysis Type: **PLM, Short Report**
 Turnaround: **3-5 Day**
 Date Analyzed: **May 3, 2010**

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
GW1-ACM-1	EM 564274	A	Yellow adhesive	1		ND	0	100
		B	White floor tile	99		ND	0	100
GW1-ACM-2	EM 564275	A	Yellow adhesive	TR		ND	0	100
		B	White floor tile	100		ND	0	100
GW1-ACM-3	EM 564276	A	Yellow adhesive	1		ND	0	100
		B	Gray/white granular plaster	4		ND	0	100
		C	White floor tile	95		ND	0	100
GW1-ACM-4	EM 564277	A	White compound w/ white paint	4		ND	0	100
		B	Tan/white drywall	96		ND	10	90
GW1-ACM-5	EM 564278	A	Tan/white drywall	10		ND	50	50
		B	White tape	10		ND	95	5
		C	White compound w/ white paint	20		ND	0	100
		D	White joint compound	60		ND	0	100
GW1-ACM-6	EM 564279	A	White compound w/ white paint	5		ND	0	100
		B	Tan/white drywall	95		ND	10	90
GW1-ACM-7	EM 564280	A	White compound w/ white paint	6		ND	0	100
		B	Tan/white drywall	94		ND	10	90

ND=None Detected

TR=Trace, <1% Visual Estimate

Trem-Act=Tremolite-Actinolite

Note: Further analysis by TEM is recommended for organically bound material (i.e. floor tile) if PLM results are ≤1%.

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TABLE PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 190589-1**
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Client Project Description: **Factoria Transfer Station**
Date Samples Received: **April 28, 2010**
Analysis Type: **PLM, Short Report**
Turnaround: **3-5 Day**
Date Analyzed: **May 3, 2010**

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
GW1-ACM-8	EM 564281	A	White compound w/ white paint	6		ND	0	100
		B	Tan/white drywall	94		ND	10	90
GW1-ACM-9	EM 564282	A	White compound w/ white paint	30		ND	0	100
		B	Cream resinous material	70		ND	0	100
GW1-ACM-10	EM 564283	A	Tan/white drywall	33		ND	50	50
		B	White resinous material	33		ND	0	100
		C	White compound w/ white paint	34		ND	0	100
GW1-ACM-11	EM 564284	A	White/gray sheet vinyl w/ white fibrous backing & cream adhesive	100		ND	20	80
GW1-ACM-12	EM 564285	A	White/tan ceiling tile	100		ND	60	40
GW1-ACM-13	EM 564286	A	White/tan ceiling tile	100		ND	60	40
GW1-ACM-14	EM 564287	A	Tan paper	25		ND	95	5
		B	White compound w/ white paint	25		ND	0	100
		C	White resinous material	50		ND	0	100
AI1-ACM-01	EM 564288	A	White compound w/ cream paint	7		ND	0	100
		B	Tan/white drywall	93		ND	10	90

ND=None Detected

TR=Trace, <1% Visual Estimate

Trem-Act=Tremolite-Actinolite

Note: Further analysis by TEM is recommended for organically bound material (i.e. floor tile) if PLM results are ≤1%.

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TABLE PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

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 Client Project Number / P.O.: **000000000124743-010**
 Client Project Description: **Factoria Transfer Station**
 Date Samples Received: **April 28, 2010**
 Analysis Type: **PLM, Short Report**
 Turnaround: **3-5 Day**
 Date Analyzed: **May 3, 2010**

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
AI1-ACM-02	EM 564289	A	White compound w/ multi-colored paint	5		ND	0	100
		B	Tan/white drywall	95		ND	10	90
AI1-ACM-03	EM 564290	A	White compound w/ multi-colored paint	4		ND	0	100
		B	Tan/white drywall	96		ND	10	90
AI1-ACM-04	EM 564291	A	White compound w/ yellow mesh & white paint	15		ND	15	85
		B	Tan/white drywall	85		ND	10	90
AI1-ACM-05	EM 564292	A	Tan/white drywall w/ cream paint	100		ND	10	90
AI1-ACM-06	EM 564293	A	Tan/white drywall w/ white paint	100		ND	10	90
AI1-ACM-07	EM 564294	A	Tan/white drywall w/ white paint	100		ND	10	90
AI1-ACM-08	EM 564295	A	Tan/white drywall	100		ND	0	100
AI1-ACM-09	EM 564296	A	White/gray floor tile w/ clear adhesive	100		ND	0	100
AI1-ACM-10	EM 564297	A	Yellow insulation w/ white resinous material	100		ND	80	20
AI1-ACM-11	EM 564298	A	Yellow insulation w/ white resinous material	100		ND	80	20

ND=None Detected

TR=Trace, <1% Visual Estimate

Trem-Act=Tremolite-Actinolite

Note: Further analysis by TEM is recommended for organically bound material (i.e. floor tile) if PLM results are ≤1%.

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RESERVOIRS ENVIRONMENTAL, INC.

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TABLE PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 190589-1**
 Client: **E2M, Inc.**
 Client Project Number / P.O.: **000000000124743-010**
 Client Project Description: **Factoria Transfer Station**
 Date Samples Received: **April 28, 2010**
 Analysis Type: **PLM, Short Report**
 Turnaround: **3-5 Day**
 Date Analyzed: **May 3, 2010**

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
AI1-ACM-12	EM 564299	A	Yellow insulation w/ white resinous material	100		ND	80	20
AI1-ACM-13	EM 564300	A	Tan/pink drywall w/ pink paint	100		ND	10	90
CS2-ACM-01	EM 564301	A	White resinous material	10		ND	0	100
		B	Yellow fibrous material	90		ND	90	10
CS2-ACM-02	EM 564302	A	White resinous material	20		ND	0	100
		B	Yellow fibrous material	80		ND	90	10
CS2-ACM-03	EM 564303	A	White resinous material	30		ND	0	100
		B	Yellow fibrous material	70		ND	90	10
CS2-ACM-04	EM 564304	A	White/pink paint w/ white compound	5		ND	0	100
		B	White texture w/ white paint	15		ND	0	100
		C	Tan/white drywall	80		ND	10	90
CS2-ACM-05	EM 564305	A	White texture w/ gray/multi-colored paint	30		ND	0	100
		B	Tan/white drywall	70		ND	15	85
CS2-ACM-06	EM 564306	A	Gray paint w/ white texture	10		ND	0	100
		B	White/pink paint w/ white compound	20		ND	0	100
		C	Tan/white drywall	70		ND	10	90

ND=None Detected

TR=Trace, <1% Visual Estimate

Trem-Act=Tremolite-Actinolite

Note: Further analysis by TEM is recommended for organically bound material (i.e. floor tile) if PLM results are ≤1%.

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RESERVOIRS ENVIRONMENTAL, INC.

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TDH Licensed Laboratory # 30-0136

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TABLE PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 190589-1**
 Client: **E2M, Inc.**
 Client Project Number / P.O.: **000000000124743-010**
 Client Project Description: **Factoria Transfer Station**
 Date Samples Received: **April 28, 2010**
 Analysis Type: **PLM, Short Report**
 Turnaround: **3-5 Day**
 Date Analyzed: **May 3, 2010**

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CS2-ACM-07	EM 564307	A	Tan/white drywall w/ gray/multi-colored paint	100		ND	10	90
CS2-ACM-08	EM 564308	A	White compound w/ white paint	20		ND	0	100
		B	Tan/white drywall	80		ND	10	90
CS2-ACM-09	EM 564309	A	White tape	5		ND	95	5
		B	White joint compound	15		ND	0	100
		C	Tan/white drywall	80		ND	10	90
CS2-ACM-10	EM 564310	A	White compound w/ white paint	10		ND	0	100
		B	Tan/white drywall	90		ND	10	90
CS2-ACM-11	EM 564311	A	White texture w/ white paint	10		ND	0	100
		B	Tan/white drywall	90		ND	10	90
CS2-ACM-12	EM 564312	A	White texture w/ white paint	10		ND	0	100
		B	Tan/white drywall	90		ND	10	90
CS2-ACM-13	EM 564313	A	White texture w/ white paint	10		ND	0	100
		B	Tan/white drywall	90		ND	10	90
CS2-ACM-14	EM 564314	A	White tape	5		ND	95	5
		B	White texture w/ white paint	10		ND	0	100
		C	White joint compound	10		ND	0	100
		D	Tan/white drywall	75		ND	10	90

ND=None Detected

TR=Trace, <1% Visual Estimate

Trem-Act=Tremolite-Actinolite

Note: Further analysis by TEM is recommended for organically bound material (i.e. floor tile) if PLM results are ≤1%.

Data QA

RESERVOIRS ENVIRONMENTAL, INC.

NVLAP Lab Code 101896-0

TDH Licensed Laboratory # 30-0136

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TABLE PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 190589-1**
 Client: **E2M, Inc.**
 Client Project Number / P.O.: **000000000124743-010**
 Client Project Description: **Factoria Transfer Station**
 Date Samples Received: **April 28, 2010**
 Analysis Type: **PLM, Short Report**
 Turnaround: **3-5 Day**
 Date Analyzed: **May 3, 2010**

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CS2-ACM-15	EM 564315	A	White texture w/ white paint	10		ND	0	100
		B	Tan/white drywall	90		ND	10	90
CS2-ACM-16	EM 564316	A	Brown resin	10		ND	0	100
		B	White plaster	90		ND	2	98
CS2-ACM-17	EM 564317	A	White/tan ceiling tile	100		ND	65	35
CS2-ACM-18	EM 564318	A	Yellow mastic	2		ND	0	100
		B	White/gray tile	98		ND	0	100
CS2-ACM-19	EM 564319	A	White adhesive	50		ND	0	100
		B	White texture w/ white paint	50		ND	0	100
CS2-ACM-20	EM 564320	A	White paint w/ white texture	20		ND	0	100
		B	White adhesive	80		ND	0	100
CS2-ACM-21	EM 564321	A	White adhesive	30		ND	0	100
		B	White texture w/ white paint	30		ND	0	100
		C	Tan/white drywall	40		ND	30	70
CS2-ACM-22	EM 564322	A	Gray cove base	20		ND	0	100
		B	Yellow adhesive	40		ND	0	100
		C	Gray/multi-colored paint w/ white compound	40		ND	0	100

ND=None Detected

TR=Trace, <1% Visual Estimate

Trem-Act=Tremolite-Actinolite

Note: Further analysis by TEM is recommended for organically bound material (i.e. floor tile) if PLM results are ≤1%.

Data QA

RESERVOIRS ENVIRONMENTAL, INC.

NVLAP Lab Code 101896-0

TDH Licensed Laboratory # 30-0136

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TABLE PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 190589-1**
 Client: **E2M, Inc.**
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 Client Project Description: **Factoria Transfer Station**
 Date Samples Received: **April 28, 2010**
 Analysis Type: **PLM, Short Report**
 Turnaround: **3-5 Day**
 Date Analyzed: **May 3, 2010**

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CS2-ACM-23	EM 564323	A	Gray cove base	30		ND	0	100
		B	Yellow adhesive	35		ND	0	100
		C	Tan fibrous material w/ white paint	35		ND	60	40
CS2-ACM-24	EM 564324	A	White sheet vinyl w/ white fibrous backing & yellow mastic	100		ND	15	85
TS-ACM-01	EM 564325	A	White texture w/ white paint	10		ND	0	100
		B	Tan/white drywall	90		ND	10	90
TS-ACM-02	EM 564326	A	Tan paper w/ black tar	30		ND	60	40
		B	White fibrous material	70		ND	90	10
TS-ACM-03	EM 564327	A	White fibrous material w/ silver foil	40		ND	60	40
		B	Yellow fibrous material	60		ND	90	10
TS-ACM-04	EM 564328	A	White fibrous material w/ silver foil	50		ND	60	40
		B	Yellow fibrous material	50		ND	90	10
TS-ACM-05	EM 564329	A	White resinous material	20		ND	0	100
		B	White fibrous material w/ silver foil	30		ND	60	40
		C	Yellow fibrous material	50		ND	90	10
SH-ACM-01	EM 564330	A	White texture w/ white paint	20		ND	0	100
		B	Tan/white drywall	80		ND	10	90

ND=None Detected

TR=Trace, <1% Visual Estimate

Trem-Act=Tremolite-Actinolite

Note: Further analysis by TEM is recommended for organically bound material (i.e. floor tile) if PLM results are ≤1%.

Data QA

RESERVOIRS ENVIRONMENTAL, INC.

NVLAP Lab Code 101896-0

TDH Licensed Laboratory # 30-0136

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TABLE PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 190589-1**
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 Client Project Description: **Factoria Transfer Station**
 Date Samples Received: **April 28, 2010**
 Analysis Type: **PLM, Short Report**
 Turnaround: **3-5 Day**
 Date Analyzed: **May 3, 2010**

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
SH-ACM-02	EM 564331	A	White texture w/ white paint	10		ND	0	100
		B	Tan/white drywall	90		ND	10	90
SH-ACM-03	EM 564332	A	White texture w/ white paint	10		ND	0	100
		B	Tan/white drywall	90		ND	10	90
SH-ACM-04	EM 564333	A	White texture w/ white paint	10		ND	0	100
		B	Tan/white drywall	90		ND	10	90
SH-ACM-05	EM 564334	A	White texture w/ white paint	10		ND	0	100
		B	Tan/white drywall	90		ND	10	90
SH-ACM-06	EM 564335	A	Blue vinyl w/ tan fibrous woven material	100		ND	15	85
SH-ACM-07	EM 564336	A	Blue vinyl w/ tan fibrous woven material	100		ND	15	85
SH-ACM-08	EM 564337	A	Blue vinyl w/ tan fibrous woven material	100		ND	15	85
SH-ACM-09	EM 564338	A	Gray resinous material	100		ND	0	100
SH-ACM-10	EM 564339	A	Green/multi-colored shingle	100		ND	10	90
SH-ACM-11	EM 564340	A	Gray resinous material	100		ND	0	100

ND=None Detected

TR=Trace, <1% Visual Estimate

Trem-Act=Tremolite-Actinolite

Note: Further analysis by TEM is recommended for organically bound material (i.e. floor tile) if PLM results are ≤1%.

Data QA

Due Date: 5-3-10Due Time: 540**Reservoirs Environmental, Inc.**

RES 190589

- 1 PLM
- 2 metals
Page 1 of 6

SUBMITTED BY:

INVOICE TO: (IF DIFFERENT)

CONTACT INFORMATION:

Company: HDR e ² M	Company: Same	Contact: Kim Hawkins	Contact:
Address: 9563 S Kingston Ct. Ste 200	Address:	Phone: 303-754-4222	Phone:
Englewood, CO 80112		Fax:	Fax:
Project Number and/or P.O. #: 000000000124743-010		Cell/pager: 303-803-7884	Cell/pager:
Project Description/Location: Factoria Transfer Station		Final Data Deliverable Email Address:	
		kimberly.hawkins@hdrinc.com	

ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm		REQUESTED ANALYSIS		VALID MATRIX CODES		LAB NOTES:	
PLM / PCM / TEM	<u> </u> RUSH (Same Day) <u> </u> PRIORITY (Next Day) <u>X</u> STANDARD (Rush PCM = 2hr, TEM = 6hr.)	PLM - Short report, Long report, Point Count TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps PCM - 7400A, 7400B, OSHA DUST - Total, Respirable METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan ORGANICS - BTEX, MTBE, 8260, GRO, DRO OTHER -	Air = A	Bulk = B			
	Dust = D		Paint = P				
	Soil = S		Wipe = W				
	Drinking Water = DW						
	Waste Water = WW						
CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm							
Metal(s) / Dust	<u> </u> RUSH <u> </u> 24 hr. <u>X</u> 3-5 Day						
RCRA 8 / Metals & Welding Fume Scan / TCLP	<u> </u> RUSH <u> </u> 5 day <u> </u> 10 day **Prior notification is required for RUSH turnarounds.**						
Organics	<u> </u> 24 hr. <u> </u> 3 day <u> </u> 5 Day						
Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.							
Special Instructions: <u>Please point count Trace to 1% for ACM samples</u>							
Client sample ID number (Sample ID's must be unique)							
1	WH1-ACM-1	X					
2	WH1-ACM-2	X					
3	WH1-ACM-3	X					
4	WH1-ACM-4	X					
5	WH1-ACM-5	X					
6	WH1-ACM-6	X					
7	WH1-ACM-7	X					
8	WH1-ACM-8	X					
9	WH1-ACM-9	X					
10	WH1-ACM-10	X					
11	WH1-ACM-11	X					
12	WH1-ACM-12	X					
13	WH1-ACM-13	X					

Number of samples received: 152 (Additional samples shall be listed on attached long form.)

NOTE: REI will analyze incoming samples based upon information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET 30 days, failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By: <u>[Signature]</u>	Date/Time: <u>4/27/10 1740</u>	Sample Condition: On Ice	Sealed	Intact				
Laboratory Use Only		Temp. (F°)	Y/N	Y/N				
Received By: <u>[Signature]</u>	Date/Time: <u>4-28-10</u>	Carrier: <u>Hand</u>						
Results:	Contact	Page	Phone	Email	Fax	Date	Time	Initials
	Contact	Page	Phone	Email	Fax	Date	Time	Initials



Reservoirs Environmental, Inc.

RES Job # 190589

Page 2 of 6

Submitted by:

Kim Hawkins, HDR|e²M

Client sample ID number		(Sample ID's must be unique)						REQUESTED ANALYSIS					VALID MATRIX CODES				LAB NOTES:
		PLM	Short report,	Long report,	Point Count	TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan	ORGANICS - BTEX, MTBE, 8260, GRO, DRO	OTHER -	Sample Volume (L) / Area	Matrix Code	Containers	Date Collected mm/dd/yy	Time Collected hh/mm a/p	EM Number (Laboratory Use Only)
14	WH1-ACM-14	X										B	1	4/26/10			564269
15	WH1-ACM-15	X										B	1	4/26/10			70
16	WH1-ACM-16	X										B	1	4/26/10			71
17	WH1-ACM-17	X										B	1	4/26/10			72
18	WH1-ACM-18	X										B	1	4/26/10			73
19	GW1-ACM-1	X										B	1	4/26/10			74
20	GW1-ACM-2	X										B	1	4/26/10			75
21	GW1-ACM-3	X										B	1	4/26/10			76
22	GW1-ACM-4	X										B	1	4/26/10			77
23	GW1-ACM-5	X										B	1	4/26/10			78
24	GW1-ACM-6	X										B	1	4/26/10			79
25	GW1-ACM-7	X										B	1	4/26/10			80
26	GW1-ACM-8	X										B	1	4/26/10			81
27	GW1-ACM-9	X										B	1	4/26/10			82
28	GW1-ACM-10	X										B	1	4/26/10			83
29	GW1-ACM-11	X										B	1	4/26/10			84
30	GW1-ACM-12	X										B	1	4/26/10			85
31	GW1-ACM-13	X										B	1	4/26/10			86
32	GW1-ACM-14	X										B	1	4/26/10			87
33	AI1-ACM-01	X										B	1	4/27/10			88
34	AI1-ACM-02	X										B	1	4/27/10			89
35	AI1-ACM-03	X										B	1	4/27/10			90
36	AI1-ACM-04	X										B	1	4/27/10			91
37	AI1-ACM-05	X										B	1	4/27/10			92
38	AI1-ACM-06	X										B	1	4/27/10			93
39	AI1-ACM-07	X										B	1	4/27/10			94
40	AI1-ACM-08	X										B	1	4/27/10			95
41	AI1-ACM-09	X										B	1	4/27/10			96
42	AI1-ACM-10	X										B	1	4/27/10			97
43	AI1-ACM-11	X										B	1	4/27/10			98
44	AI1-ACM-12	X										B	1	4/27/10			299



RES Job # 190589

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Submitted by:

Kim Hawkins HDR|e²M

Client sample ID number		(Sample ID's must be unique)							PLM	TEM	Sem	PCM	DUS	MET	RCR	ORG	OTH	Sam	(L) /	Matr	#	Collected mm/dd/yy	Collected hh/mm a/p	EM Number (Laboratory Use Only)
45	AI1-ACM-13																		B	1	4/27/10		564300	
46	CS2-ACM-01																		B	1	4/27/10		1	
47	CS2-ACM-02																		B	1	4/27/10		2	
48	CS2-ACM-03																		B	1	4/27/10		3	
49	CS2-ACM-04																		B	1	4/27/10		4	
50	CS2-ACM-05																		B	1	4/27/10		5	
51	CS2-ACM-06																		B	1	4/27/10		6	
52	CS2-ACM-07																		B	1	4/27/10		7	
53	CS2-ACM-08																		B	1	4/27/10		8	
54	CS2-ACM-09																		B	1	4/27/10		9	
55	CS2-ACM-10																		B	1	4/27/10		310	
56	CS2-ACM-11																		B	1	4/27/10		11	
57	CS2-ACM-12																		B	1	4/27/10		12	
58	CS2-ACM-13																		B	1	4/27/10		13	
59	CS2-ACM-14																		B	1	4/27/10		14	
60	CS2-ACM-15																		B	1	4/27/10		15	
61	CS2-ACM-16																		B	1	4/27/10		16	
62	CS2-ACM-17																		B	1	4/27/10		17	
63	CS2-ACM-18																		B	1	4/27/10		18	
64	CS2-ACM-19																		B	1	4/27/10		19	
65	CS2-ACM-20																		B	1	4/27/10		20	
66	CS2-ACM-21																		B	1	4/27/10		21	
67	CS2-ACM-22																		B	1	4/27/10		22	
68	CS2-ACM-23																		B	1	4/27/10		23	
69	CS2-ACM-24																		B	1	4/27/10		24	
70	TS-ACM-01																		B	1	4/27/10		25	
71	TS-ACM-02																		B	1	4/27/10		26	
72	TS-ACM-03																		B	1	4/27/10		27	
73	TS-ACM-04																		B	1	4/27/10		28	
74	TS-ACM-05																		B	1	4/27/10		29	
75	SH-ACM-01																		B	1	4/27/10		330	

RES Job # 190589

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Submitted by:

Kim Hawkins, HDR|e²M


Client sample ID number		(Sample ID's must be unique)										PLM	TEM	Semi	PCM	DUS	MET	RCR	ORG	OTH	Sam (L) /	Mat	# C	mm/dd/yy	hh/mm a/p	Lab Number (Laboratory Use Only)
76	SH-ACM-02											X									B	1	4/27/10		564331	
77	SH-ACM-03											X									B	1	4/27/10		32	
78	SH-ACM-04											X									B	1	4/27/10		33	
79	SH-ACM-05											X									B	1	4/27/10		34	
80	SH-ACM-06											X									B	1	4/27/10		35	
81	SH-ACM-07											X									B	1	4/27/10		36	
82	SH-ACM-08											X									B	1	4/27/10		37	
83	SH-ACM-09											X									B	1	4/27/10		38	
84	SH-ACM-10											X									B	1	4/27/10		39	
85	SH-ACM-11											X									B	1	4/27/10		40	
86	WH1-LBP-1															X					P	1	4/26/10		41	
87	WH1-LBP-2															X					P	1	4/26/10		42	
88	WH1-LBP-3															X					P	1	4/26/10		43	
89	WH1-LBP-4															X					P	1	4/26/10		44	
90	WH1-LBP-5															X					P	1	4/26/10		45	
91	WH1-LBP-6															X					P	1	4/26/10		46	
92	WH1-LBP-7															X					P	1	4/26/10		47	
93	WH1-LBP-8															X					P	1	4/26/10		48	
94	WH1-LBP-9															X					P	1	4/26/10		49	
95	WH1-LBP-10															X					P	1	4/26/10		50	
96	WH1-LBP-11															X					P	1	4/26/10		51	
97	WH1-LBP-12															X					P	1	4/26/10		52	
98	WH1-LBP-13															X					P	1	4/26/10		53	
99	GW1-LPB-1															X					P	1	4/26/10		54	
100	GW1-LPB-2															X					P	1	4/26/10		55	
101	GW1-LBP-3															X					P	1	4/26/10		56	
102	GW1-LBP-4															X					P	1	4/26/10		57	
103	GW1-LBP-5															X					P	1	4/26/10		58	
104	WH2-LBP-01															X					P	1	4/27/10		59	
105	WH2-LBP-02															X					P	1	4/27/10		60	
106	WH2-LBP-03															X					P	1	4/27/10		361	

RES Job # 190589

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Submitted by:

Kim Hawkins, HDR|e²M

 Reservoirs Environmental, Inc.		REQUESTED ANALYSIS							VALID MATRIX CODES				LAB NOTES:	
RES Job # <u>190589</u> Page <u>5</u> of <u>6</u>		PLM - Short report, Long report, Point Count	TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s) _____ RCRA 8, TCLP, Welding Fume, Metals Scan	ORGANICS - BTEX, MTBE, 8260, GRO, DRO	OTHER -	Air = A		Bulk = B			
									Dust = D		Paint = P			
									Soil = S		Wipe = W			
									Drinking Water = DW					
									Waste Water = WW					
									Other = O					
Submitted by: <u>Kim Hawkins, HDR e²M</u>									**ASTM E1792 approved wipe media only**					
Client sample ID number									Sample Volume (L) / Area	Matrix Code	# Containers	Date Collected mm/dd/yy	Time Collected hh/mm a/p	EM Number (Laboratory Use Only)
107	WH2-LBP-04					X				P	1	4/27/10		564362
108	WH2-LBP-05					X				P	1	4/27/10		63
109	WH2-LBP-06					X				P	1	4/27/10		64
110	AI-LBP-01					X				P	1	4/27/10		65
111	AI-LBP-02					X				P	1	4/27/10		66
112	AI-LBP-03					X				P	1	4/27/10		67
113	AI-LBP-04					X				P	1	4/27/10		68
114	AI-LBP-05					X				P	1	4/27/10		69
115	AI-LBP-06					X				P	1	4/27/10		70
116	AI-LBP-07					X				P	1	4/27/10		71
117	AI-LBP-08					X				P	1	4/27/10		72
118	AI-LBP-09					X				P	1	4/27/10		73
119	AI-LBP-10					X				P	1	4/27/10		74
120	AI-LBP-11					X				P	1	4/27/10		75
121	CS2-LBP-01					X				P	1	4/27/10		76
122	CS2-LBP-02					X				P	1	4/27/10		77
123	CS2-LBP-03					X				P	1	4/27/10		78
124	CS2-LBP-04					X				P	1	4/27/10		79
125	CS2-LBP-05					X				P	1	4/27/10		80
126	CS2-LBP-06					X				P	1	4/27/10		81
127	CS2-LBP-07					X				P	1	4/27/10		82
128	CS2-LBP-08					X				P	1	4/27/10		83
129	CS2-LBP-09					X				P	1	4/27/10		84
130	CS2-LBP-10					X				P	1	4/27/10		85
131	TS-LBP-01					X				P	1	4/27/10		86
132	TS-LBP-02					X				P	1	4/27/10		87
133	TS-LBP-03					X				P	1	4/27/10		88
134	TS-LBP-04					X				P	1	4/27/10		89
135	TS-LBP-05					X				P	1	4/27/10		90
136	TS-LBP-06					X				P	1	4/27/10		91
137	TS-LBP-07					X				P	1	4/27/10		392

[illegible]



May 5, 2010

Laboratory Code: RES
Subcontract Number: NA
Laboratory Report: RES 190589-2
Project # / PO #: 00000000012743-010
Project Description: Factoria Transfer Station

Kim Hawkins
E2M, Inc.
9563 S. Kingston Court #200
Englewood CO 80112

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the American Industrial Hygiene Association, Lab ID 101533 - Accreditation Certificate #480. The laboratory is currently proficient in both PAT & ELPAT programs respectively.

Reservoirs has analyzed the following sample(s) using Atomic Absorption Spectroscopy (AAS) / Atomic Emission Spectroscopy - Inductively Coupled Plasma (AES-ICP) per your request. Reported sample results were not blank corrected. The analysis has been completed in general accordance with the appropriate methodology as stated in the analysis table. Results have been sent to your office.

RES 190589-2 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those authorized by the client. The results described in this report only apply to the samples analyzed. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you should have any questions about this report, please feel free to call me at 303-964-1986.

Sincerely,

A handwritten signature in blue ink, appearing to read "Jeanne Orr", is written over a light blue horizontal line.

Jeanne Spencer Orr
President

RESERVOIRS ENVIRONMENTAL, INC.**5801 Logan St., Suite 100****Denver CO 80216****TABLE ANALYSIS: LEAD IN PAINT**

RES Job Number: **RES 190589-2**
Client: **E2M, Inc.**
Client Project Number / P.O.: **00000000012743-010**
Client Project Description: **Factoria Transfer Station**
Date Samples Received: **April 28, 2010**
Analysis Type: **USEPA SW846 3050B / AA (7420)**
Turnaround: **3-5 Day**
Date Samples Analyzed: **May 4, 2010**

Client	Lab	Reporting	LEAD
ID Number	ID Number	Limit	CONCENTRATION
		(%)	(%)
WH1-LBP-1	EM 564341	0.004	0.02
WH1-LBP-2	EM 564342	0.005	BRL
WH1-LBP-3	EM 564343	0.003	BRL
WH1-LBP-4	EM 564344	0.003	BRL
WH1-LBP-5	EM 564345	0.004	0.01
WH1-LBP-6	EM 564346	0.006	0.05
WH1-LBP-7	EM 564347	0.006	BRL
WH1-LBP-8	EM 564348	0.004	0.01
WH1-LBP-9	EM 564349	Lead Present**	
WH1-LBP-10	EM 564350	0.005	BRL
WH1-LBP-11	EM 564351	0.005	0.01
WH1-LBP-12	EM 564352	0.006	BRL
WH1-LBP-13	EM 564353	0.004	BRL
GW1-LBP-1	EM 564354	0.003	BRL
GW1-LBP-2	EM 564355	0.003	BRL
GW1-LBP-3	EM 564356	0.005	BRL
GW1-LBP-4	EM 564357	0.003	BRL
GW1-LBP-5	EM 564358	0.003	BRL
WH2-LBP-01	EM 564359	0.003	BRL
WH2-LBP-02	EM 564360	0.018	BRL
WH2-LBP-03	EM 564361	Lead Present**	
WH2-LBP-04	EM 564362	0.007	0.01
WH2-LBP-05	EM 564363	0.011	0.03
WH2-LBP-06	EM 564364	0.007	BRL
AI-LBP-01	EM 564365	0.003	BRL
AI-LBP-02	EM 564366	0.003	BRL
AI-LBP-03	EM 564367	0.005	BRL
AI-LBP-04	EM 564368	0.003	BRL
AI-LBP-05	EM 564369	0.004	BRL
AI-LBP-06	EM 564370	0.013	BRL
AI-LBP-07	EM 564371	0.005	BRL
AI-LBP-08	EM 564372	0.006	BRL
AI-LBP-09	EM 564373	0.003	0.01
AI-LBP-10	EM 564374	0.003	0.01
AI-LBP-11	EM 564375	0.004	BRL
CS2-LBP-01	EM 564376	0.004	BRL

RESERVOIRS ENVIRONMENTAL, INC.**5801 Logan St., Suite 100****Denver CO 80216****TABLE ANALYSIS: LEAD IN PAINT**

RES Job Number: **RES 190589-2**
Client: **E2M, Inc.**
Client Project Number / P.O.: **00000000012743-010**
Client Project Description: **Factoria Transfer Station**
Date Samples Received: **April 28, 2010**
Analysis Type: **USEPA SW846 3050B / AA (7420)**
Turnaround: **3-5 Day**
Date Samples Analyzed: **May 4, 2010**

Client	Lab	Reporting	LEAD
ID Number	ID Number	Limit	CONCENTRATION
		(%)	(%)
CS2-LBP-02	EM 564377	0.006	BRL
CS2-LBP-03	EM 564378	0.004	BRL
CS2-LBP-04	EM 564379	0.004	BRL
CS2-LBP-05	EM 564380	0.009	BRL
CS2-LBP-06	EM 564381	0.003	BRL
CS2-LBP-07	EM 564382	0.006	0.04
CS2-LBP-08	EM 564383	0.003	BRL
CS2-LBP-09	EM 564384	0.003	BRL
CS2-LBP-10	EM 564385	0.004	0.005
TS-LBP-01	EM 564386	0.007	BRL
TS-LBP-02	EM 564387	0.005	6.9
TS-LBP-03	EM 564388	0.005	1.6
TS-LBP-04	EM 564389	0.004	BRL
TS-LBP-05	EM 564390	0.004	0.74
TS-LBP-06	EM 564391	0.003	1.4
TS-LBP-07	EM 564392	0.003	BRL
TS-LBP-08	EM 564393	0.008	BRL
TS-LBP-09	EM 564394	0.003	BRL
TS-LBP-10	EM 564395	0.005	BRL
TS-LBP-11	EM 564396	0.005	BRL
TS-LBP-12	EM 564397	0.004	BRL
TS-LBP-13	EM 564398	0.003	0.07
TS-LBP-14	EM 564399	0.004	0.01
TS-LBP-15	EM 564400	0.003	0.03
SH-LBP-01	EM 564401	0.005	BRL
SH-LBP-02	EM 564402	0.007	BRL
SH-LBP-03	EM 564403	0.015	BRL
SH-LBP-04	EM 564404	0.017	BRL
SH-LBP-05	EM 564405	0.016	BRL
SH-LBP-06	EM 564406	0.004	BRL
SH-LBP-07	EM 564407	0.003	BRL

* Unless otherwise noted all quality control samples performed within specifications established by the laboratory.

** Sample submitted to the laboratory did not have sufficient sample volume to quantify the lead concentration. Therefore, the sample result is reported as qualitative.

Due Date: 5-3-10Due Time: 540**Reservoirs Environmental, Inc.**

RES 190589

- 1 PLM

- 2 M&I 5

Page 1 of 6

SUBMITTED BY:

INVOICE TO: (IF DIFFERENT)

CONTACT INFORMATION:

Company: HDR e ² M	Company: Same	Contact: Kim Hawkins	Contact:
Address: 9563 S Kingston Ct. Ste 200	Address:	Phone: 303-754-4222	Phone:
Englewood, CO 80112		Fax:	Fax:
		Cell/pager: 303-803-7884	Cell/pager:
Project Number and/or P.O. #: 000000000124743-010		Final Data Deliverable Email Address:	
Project Description/Location: Factoria Transfer Station		kimberly.hawkins@hdrinc.com	

ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm		REQUESTED ANALYSIS							VALID MATRIX CODES				LAB NOTES:	
PLM / PCM / TEM <u> </u> RUSH (Same Day) <u> </u> PRIORITY (Next Day) <u> X </u> STANDARD (Rush PCM = 2hr, TEM = 6hr.)		PLM - Short report, Point Count	TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan	ORGANICS - BTEX, MTBE, GRO, DRO	OTHER -	Air = A		Bulk = B			
									Dust = D		Paint = P			
									Soil = S		Wipe = W			
									Drinking Water = DW		Waste Water = WW			
									Other = O					
CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm														
Metal(s) / Dust <u> </u> RUSH <u> </u> 24 hr. <u> X </u> 3-5 Day														
RCRA 8 / Metals & Welding Fume Scan / TCLP <u> </u> RUSH <u> </u> 5 day <u> </u> 10 day														
Organics <u> </u> 24 hr. <u> </u> 3 day <u> </u> 5 Day														
Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.														
Special Instructions: Please point count Trace to 1% for ACM samples														
Client sample ID number (Sample ID's must be unique)														
									Sample Volume (L) / Area	Matrix Code	# Containers	Date Collected mm/dd/yy	Time Collected hh/mm a/p	EM Number (Laboratory Use Only)
1	WH1-ACM-1	X								B	1	4/26/10		56.4256
2	WH1-ACM-2	X								B	1	4/26/10		57
3	WH1-ACM-3	X								B	1	4/26/10		58
4	WH1-ACM-4	X								B	1	4/26/10		59
5	WH1-ACM-5	X								B	1	4/26/10		60
6	WH1-ACM-6	X								B	1	4/26/10		61
7	WH1-ACM-7	X								B	1	4/26/10		62
8	WH1-ACM-8	X								B	1	4/26/10		63
9	WH1-ACM-9	X								B	1	4/26/10		64
10	WH1-ACM-10	X								B	1	4/26/10		65
11	WH1-ACM-11	X								B	1	4/26/10		66
12	WH1-ACM-12	X								B	1	4/26/10		67
13	WH1-ACM-13	X								B	1	4/26/10		268

Number of samples received: 152 (Additional samples shall be listed on attached long form.)

NOTE: REI will analyze incoming samples based upon information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET 30 days, failure to comply with payment terms may result in a 1.5% monthly interest surcharge.


Relinquished By: <u>[Signature]</u>	Date/Time: <u>4/28/10 1740</u>	Sample Condition: On Ice	Sealed	Intact												
Laboratory Use Only		Temp. (F°) <u> </u>	Y/N	Y/N												
Received By: <u>[Signature]</u>	Date/Time: <u>4-28-10</u>	Carrier: <u>Hanna</u>														
Results:	Contact	Page	Phone	Email	Fax	Date	Time	Initials	Contact	Page	Phone	Email	Fax	Date	Time	Initials
	Contact	Page	Phone	Email	Fax	Date	Time	Initials	Contact	Page	Phone	Email	Fax	Date	Time	Initials

RES Job # 190589

Page 2 of 6

Submitted by:

Kim Hawkins, HDR|e²M


 Reservoirs Environmental, Inc.		REQUESTED ANALYSIS							VALID MATRIX CODES				LAB NOTES:
RES Job # <u>190589</u> Page <u>2</u> of <u>6</u>		PLM - Short report, Long report, Point Count	TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s) RCRA 8, TCLP, Wetling Fume, Metals Scan	ORGANICS - BTEX, MTBE, 8260, GRO, DRO	OTHER -	Air = A		Bulk = B		
									Dust = D		Paint = P		
									Soil = S		Wipe = W		
									Drinking Water = DW				
									Waste Water = VVV				
									Other = O				
									ASTM E1792 approved wipe media only				
Submitted by: <u>Kim Hawkins, HDR e²M</u>		Sample Volume (L) / Area	Matrix Code	# Containers	Date Collected mm/dd/yy	Time Collected hh/mm a/p	EM Number (Laboratory Use Only)						
Client sample ID number (Sample ID's must be unique)													
14	WH1-ACM-14	X							B	1	4/26/10		564269
15	WH1-ACM-15	X							B	1	4/26/10		70
16	WH1-ACM-16	X							B	1	4/26/10		71
17	WH1-ACM-17	X							B	1	4/26/10		72
18	WH1-ACM-18	X							B	1	4/26/10		73
19	GW1-ACM-1	X							B	1	4/26/10		74
20	GW1-ACM-2	X							B	1	4/26/10		75
21	GW1-ACM-3	X							B	1	4/26/10		76
22	GW1-ACM-4	X							B	1	4/26/10		77
23	GW1-ACM-5	X							B	1	4/26/10		78
24	GW1-ACM-6	X							B	1	4/26/10		79
25	GW1-ACM-7	X							B	1	4/26/10		80
26	GW1-ACM-8	X							B	1	4/26/10		81
27	GW1-ACM-9	X							B	1	4/26/10		82
28	GW1-ACM-10	X							B	1	4/26/10		83
29	GW1-ACM-11	X							B	1	4/26/10		84
30	GW1-ACM-12	X							B	1	4/26/10		85
31	GW1-ACM-13	X							B	1	4/26/10		86
32	GW1-ACM-14	X							B	1	4/26/10		87
33	AI1-ACM-01	X							B	1	4/27/10		88
34	AI1-ACM-02	X							B	1	4/27/10		89
35	AI1-ACM-03	X							B	1	4/27/10		90
36	AI1-ACM-04	X							B	1	4/27/10		91
37	AI1-ACM-05	X							B	1	4/27/10		92
38	AI1-ACM-06	X							B	1	4/27/10		93
39	AI1-ACM-07	X							B	1	4/27/10		94
40	AI1-ACM-08	X							B	1	4/27/10		95
41	AI1-ACM-09	X							B	1	4/27/10		96
42	AI1-ACM-10	X							B	1	4/27/10		97
43	AI1-ACM-11	X							B	1	4/27/10		98
44	AI1-ACM-12	X							B	1	4/27/10		99

RES Job # 190589

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Submitted by:

Kim Hawkins HDR|e²M



Reservoirs Environmental, Inc.

RES Job #

190589

Page

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of

6

Submitted by:

Kim Hawkins HDR|e²M

Client sample ID number		REQUESTED ANALYSIS							VALID MATRIX CODES				LAB NOTES:		
(Sample ID's must be unique)		PLM - Short report, Long report, Point Count	TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan	ORGANICS - BTEX, MTBE, 8260, GRO, DRO	OTHER -	Air = A	Bulk = B	Dust = D	Paint = P			
									Soil = S	Wipe = W	Drinking Water = DW				
									Waste Water = WW		Other = O				
									ASTM E1792 approved wipe media only						
		Sample Volume (L) / Area	Matrix Code	# Containers	Date Collected mm/dd/yy	Time Collected hh/mm a/p	EM Number (Laboratory Use Only)								
45	AI1-ACM-13	X							B	1	4/27/10		564300		
46	CS2-ACM-01	X							B	1	4/27/10		1		
47	CS2-ACM-02	X							B	1	4/27/10		2		
48	CS2-ACM-03	X							B	1	4/27/10		3		
49	CS2-ACM-04	X							B	1	4/27/10		4		
50	CS2-ACM-05	X							B	1	4/27/10		5		
51	CS2-ACM-06	X							B	1	4/27/10		6		
52	CS2-ACM-07	X							B	1	4/27/10		7		
53	CS2-ACM-08	X							B	1	4/27/10		8		
54	CS2-ACM-09	X							B	1	4/27/10		9		
55	CS2-ACM-10	X							B	1	4/27/10		310		
56	CS2-ACM-11	X							B	1	4/27/10		11		
57	CS2-ACM-12	X							B	1	4/27/10		12		
58	CS2-ACM-13	X							B	1	4/27/10		13		
59	CS2-ACM-14	X							B	1	4/27/10		14		
60	CS2-ACM-15	X							B	1	4/27/10		15		
61	CS2-ACM-16	X							B	1	4/27/10		16		
62	CS2-ACM-17	X							B	1	4/27/10		17		
63	CS2-ACM-18	X							B	1	4/27/10		18		
64	CS2-ACM-19	X							B	1	4/27/10		19		
65	CS2-ACM-20	X							B	1	4/27/10		20		
66	CS2-ACM-21	X							B	1	4/27/10		21		
67	CS2-ACM-22	X							B	1	4/27/10		22		
68	CS2-ACM-23	X							B	1	4/27/10		23		
69	CS2-ACM-24	X							B	1	4/27/10		24		
70	TS-ACM-01	X							B	1	4/27/10		25		
71	TS-ACM-02	X							B	1	4/27/10		26		
72	TS-ACM-03	X							B	1	4/27/10		27		
73	TS-ACM-04	X							B	1	4/27/10		28		
74	TS-ACM-05	X							B	1	4/27/10		29		
75	SH-ACM-01	X							B	1	4/27/10		330		

RES Job # 194589

Page 4 of 6

Submitted by:

Kim Hawkins, HDR|e²M

Client sample ID number		(Sample ID's must be unique)		REQUESTED ANALYSIS							VALID MATRIX CODES				LAB NOTES:	
				PLM - Short report, Long report, Point Count	TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s) __ Lead-based paint RCRA 8, TCLP, Welding Furne, Metals Scan	ORGANICS - BTEX, MTBE, 8260, GRO, DRO	OTHER -	Air = A Bulk = B Dust = D Paint = P Soil = S Wipe = W Drinking Water = DW Waste Water = WW Other = O **ASTM E1792 approved wipe media only**					
											Sample Volume (L) / Area	Matrix Code	# Containers	Date Collected mm/dd/yy	Time Collected hh/mm a/p	EM Number (Laboratory Use Only)
76	SH-ACM-02			X							B	1	4/27/10			564331
77	SH-ACM-03			X							B	1	4/27/10			32
78	SH-ACM-04			X							B	1	4/27/10			33
79	SH-ACM-05			X							B	1	4/27/10			34
80	SH-ACM-06			X							B	1	4/27/10			35
81	SH-ACM-07			X							B	1	4/27/10			36
82	SH-ACM-08			X							B	1	4/27/10			37
83	SH-ACM-09			X							B	1	4/27/10			38
84	SH-ACM-10			X							B	1	4/27/10			39
85	SH-ACM-11			X							B	1	4/27/10			40
86	WH1-LBP-1							X			P	1	4/26/10			41
87	WH1-LBP-2							X			P	1	4/26/10			42
88	WH1-LBP-3							X			P	1	4/26/10			43
89	WH1-LBP-4							X			P	1	4/26/10			44
90	WH1-LBP-5							X			P	1	4/26/10			45
91	WH1-LBP-6							X			P	1	4/26/10			46
92	WH1-LBP-7							X			P	1	4/26/10			47
93	WH1-LBP-8							X			P	1	4/26/10			48
94	WH1-LBP-9							X			P	1	4/26/10			49
95	WH1-LBP-10							X			P	1	4/26/10			50
96	WH1-LBP-11							X			P	1	4/26/10			51
97	WH1-LBP-12							X			P	1	4/26/10			52
98	WH1-LBP-13							X			P	1	4/26/10			53
99	GW1-LPB-1							X			P	1	4/26/10			54
100	GW1-LPB-2							X			P	1	4/26/10			55
101	GW1-LBP-3							X			P	1	4/26/10			56
102	GW1-LBP-4							X			P	1	4/26/10			57
103	GW1-LBP-5							X			P	1	4/26/10			58
104	WH2-LBP-01							X			P	1	4/27/10			59
105	WH2-LBP-02							X			P	1	4/27/10			60
106	WH2-LBP-03							X			P	1	4/27/10			361

RES Job # 190589

Page 5 of 6

Submitted by:

Kim Hawkins, HDR[e²M]

Client sample ID number		(Sample ID's must be unique)		REQUESTED ANALYSIS							VALID MATRIX CODES				LAB NOTES:	
				PLM - Short report, Long report, Point Count	TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s) Lead-based paint RCRA 8, TCLP, Welding Fume, Metals Scan	ORGANICS - BTEX, MTBE, 8260, GRO, DRO	OTHER -	Sample Volume (L) / Area	Matrix Code	# Containers	Date Collected mm/dd/yy	Time Collected hh/mm a/p	EM Number (Laboratory Use Only)
107	WH2-LBP-04							X			P	1	4/27/10			564362
108	WH2-LBP-05							X			P	1	4/27/10			63
109	WH2-LBP-06							X			P	1	4/27/10			64
110	AI-LBP-01							X			P	1	4/27/10			65
111	AI-LBP-02							X			P	1	4/27/10			66
112	AI-LBP-03							X			P	1	4/27/10			67
113	AI-LBP-04							X			P	1	4/27/10			68
114	AI-LBP-05							X			P	1	4/27/10			69
115	AI-LBP-06							X			P	1	4/27/10			70
116	AI-LBP-07							X			P	1	4/27/10			71
117	AI-LBP-08							X			P	1	4/27/10			72
118	AI-LBP-09							X			P	1	4/27/10			73
119	AI-LBP-10							X			P	1	4/27/10			74
120	AI-LBP-11							X			P	1	4/27/10			75
121	CS2-LBP-01							X			P	1	4/27/10			76
122	CS2-LBP-02							X			P	1	4/27/10			77
123	CS2-LBP-03							X			P	1	4/27/10			78
124	CS2-LBP-04							X			P	1	4/27/10			79
125	CS2-LBP-05							X			P	1	4/27/10			80
126	CS2-LBP-06							X			P	1	4/27/10			81
127	CS2-LBP-07							X			P	1	4/27/10			82
128	CS2-LBP-08							X			P	1	4/27/10			83
129	CS2-LBP-09							X			P	1	4/27/10			84
130	CS2-LBP-10							X			P	1	4/27/10			85
131	TS-LBP-01							X			P	1	4/27/10			86
132	TS-LBP-02							X			P	1	4/27/10			87
133	TS-LBP-03							X			P	1	4/27/10			88
134	TS-LBP-04							X			P	1	4/27/10			89
135	TS-LBP-05							X			P	1	4/27/10			90
136	TS-LBP-06							X			P	1	4/27/10			91
137	TS-LBP-07							X			P	1	4/27/10			392

[illegible]



STATE OF WASHINGTON
DEPARTMENT OF COMMERCE

128 – 10th Avenue SW • PO Box 42525 • Olympia, Washington 98504-2525 • (360) 725-4000

April 26, 2010

TO: **Kimberly Hawkins, Inspector and Risk Assessor**
Certification No.: **6191**
Expiration Date: **4/8/2011**

Congratulations. You meet the requirements for certification as a lead-based paint professional in Washington. You may now perform lead-based paint activities allowed by the certification specialty listed above. Your certificate and badge will be mailed to you in two to three weeks. **Note: You must wear your badge in plain view when performing lead-based paint activities.**

RESPONSIBILITIES

Legal – You are responsible for understanding and following the rules and laws that regulate your profession. Washington Administrative Code (WAC) 365-230 governs your work practices in this state. You can view the WAC, Lead Lines newsletter and other lead news on our website: www.commerce.wa.gov/lead.

Employer - As a certified professional, you must perform work through a business that is certified by our program as a Certified Lead Firm. **NOTE: The firm listed on your application is not a Washington State Certified Lead-Based Paint Firm.** A list of Certified Firms is published on our website. If you own your own business, you must certify your business prior to conducting lead-based paint work.

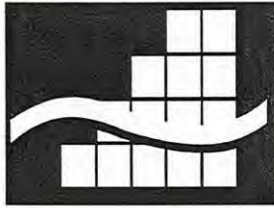
Recertification – Your certificate is valid until April 8, 2011. You will need to complete a refresher training course and submit an application to renew your certification prior to your expiration date. We will send a reminder notice several months prior to your expiration date.

Contact Information – Please update us if your address changes so you can receive your recertification reminder and notification of changes to the rules.

If you need help understanding these requirements, please feel free to contact me by phone at 360.725.5088 or by email at diane.chrisler@commerce.wa.gov.

Sincerely,

Diane Chrisler, Licensing Specialist
Lead-Based Paint Program



GOBBELL HAYS PARTNERS, INC.

10500 East 54th Avenue, Suite J ♦ Denver, CO 80239

Ph. (303) 574-0082 ♦ Fax (303) 574-0061

CERTIFIES THAT

KIMBERLY HAWKINS

Has successfully completed

The 4-Hour **EPA-APPROVED AHERA ASBESTOS COURSE** for Building Inspector Refresher.

This course is EPA-approved under Section 206 of the Toxic Substances Control Act (TSCA)
and meets the requirements of Colorado Regulation No. 8.

Gobbell Hays Partners, Inc. purchased MCA Environmental, Inc. and course approval can
be found in the EPA directory under MCA Environmental, Inc. listed as training provider #931.



Course Date: 2/1/10
Exam Date: N/A
Certificate No.: 2/10BIRGHP12
Expiration Date: 2/1/11

Peter D. Cappel, Director

STATE OF COLORADO

LEAD-BASED PAINT CERTIFICATION*

Colorado Department of Public Health
and Environment
Air Pollution Control Division

This certifies that

Kimberly Hawkins

Certification No: 17173

has met the requirements of 25-7-1104, C.R.S. and Air Quality Control
Commission Regulation No. 19, and is hereby certified by the state of
Colorado in the following discipline:

Inspector/Risk Assessor*

Issued: 4/8/2010

Expires on: 4/8/2011

** This certificate is valid only with the possession of a valid lead-based paint training certificate in the discipline specified above, issued by either a Colorado approved training provider, an EPA approved training provider, or a training provider approved by another EPA authorized program.*


Authorized APCD Representative

SEAL

STATE OF WASHINGTON

Department of Commerce

Lead-Based Paint Program

Kimberly Hawkins

Has fulfilled the certification requirements of Washington Administrative code (WAC) 365-230 and has been certified to conduct lead-based paint activities pursuant to WAC 365-230-200 as a:

Inspector

Certification #	Issuance Date	Expiration Date
6191	4/26/2010	4/8/2011

STATE OF WASHINGTON

Department of Commerce

Lead-Based Paint Program

Kimberly Hawkins

Has fulfilled the certification requirements of Washington Administrative code (WAC) 365-230 and has been certified to conduct lead-based paint activities pursuant to WAC 365-230-200 as a:

Risk Assessor

Certification #	Issuance Date	Expiration Date
6191	4/26/2010	4/8/2011

