



# ARM Group Inc.

Earth Resource Engineers and Consultants

August 14, 2015

Mr. Chuck MacMahon  
Sparrows Point Terminal, LLC  
1600 Sparrows Point Blvd.  
Sparrows Point, MD 21219

Re: Lead Based Paint Survey – Billet Building  
Sparrows Point Terminal - Area B  
Sparrows Point, Baltimore County  
ARM Project 150300M-12-4

Dear Mr. MacMahon:

ARM Group Inc. (ARM) was engaged by Sparrows Point Terminal, LLC to conduct a Lead-Based Paint (LBP) survey of the Billet Building; which is located in Area B of the Sparrows Point Terminal property (the Site). During a site walk conducted by the MDE, paint chips were observed on the ground surrounding the Billet Building, prompting their request to assess whether or not building components contained lead paint above acceptable levels. The criteria to be considered LBP in Maryland is set at  $>0.7 \text{ mg/cm}^2$ . Exposure to lead concentrations above this threshold may pose risks to human and/or environmental health. The testing of the Billet Building was completed by ARM personnel on July 20, 2015, in accordance with the relevant Standard Operating Procedures (SOPs) in the site Quality Assurance Project Plan (QAPP).

## **Materials & Methods**

ARM used a handheld X-Ray Fluorescence (XRF) detector to conduct the LBP inspection on all accessible components of the Billet Building. The XRF detector emits high-energy X-rays which bombard the sample, causing it to fluoresce and emit secondary X-rays which are detected. Secondary X-rays are characteristic of each specific element, allowing for quantification of the materials in the sample.

The XRF was operated according to SOP No. 023. Results were recorded in the field logbook for Area B of the Sparrows Point site. The field logbook was maintained according to the guidelines prescribed in SOP No. 010. Over the exterior and interior of the Billet Building, test locations were selected to be representative of the numerous paints and underlying materials of the structure. Areas with the thickest application of paint were selected for the test. In the event of a positive test result (i.e.  $>0.7 \text{ mg/cm}^2$ ), a secondary measurement was taken from an adjacent location to confirm the presence of lead above the accepted threshold.

An inconclusive range from 0.6-1.1 mg/cm<sup>2</sup> existed for the XRF instrument, meaning samples within this measurement range could not confirm either the presence or absence of lead in the sample paint. For samples where the surface was not smooth (e.g. peeling paint), the instrument would give a reading of >0.7 mg/cm<sup>2</sup> rather than a specific value. When samples were measured within the inconclusive range, a scraping of paint chips was gathered and submitted for further laboratory analysis. For samples with very high lead concentrations, a measurement of >5.0 mg/cm<sup>2</sup> was reported from the XRF, indicating that the concentration was above the instrument's upper limit of quantification.

Testing generally proceeded from the southeast corner of the building in a clockwise direction around the exterior, with the outlying buildings included in this exterior analysis. The ancillary buildings were analyzed in the order encountered, and given identification names Outlying Building (OB) #1 through OB #8. An aerial view of the Billet Building that identifies the outlying buildings has been provided as **Figure 1** (attached). This exterior analysis was followed by entry into the building, and the survey continued in a similar clockwise loop through the interior of the building; beginning from the west bay doors. The interiors of the outlying buildings (where accessible) were the last areas to be tested.

Standardization of the instrument was performed before any measurements were recorded, and calibration checks were completed at the onset and close of testing. An additional check was performed during the middle of the investigation period (following the completion of exterior building analysis). These calibration checks did not indicate concerns with the XRF performance.

### **Summary of Results**

The vast majority of components on the building were unpainted or tested negative for LBP, including the exterior walls of the main building and interior sheeting. These non-detections made up the bulk of the surface area of the structure. Several smaller areas were identified with positive detections throughout the Billet Building.

With the use of the XRF instrument, the following exterior components exceeded the acceptable level of LBP in the state of Maryland: yellow ladders, yellow bay door frames, and yellow transformer bollards. In addition, the following interior components also exceeded the acceptable level of LBP in the state of Maryland: yellow walkway railings, large support beams in the main room coated in grey (or overlying blue), blue walls in the outlying buildings, and miscellaneous doors and storage cabinets. These structures represent a small fraction of the overall painted surfaces of the structure. It is evident that characteristic paint colors, such as the yellow paint used on interior and exterior components and grey paint covering the support beams, were responsible for most of the LBP exceedances.

During the survey, eight surfaces either could not be properly read with the XRF instrument or were in the inconclusive range of 0.6-1.1 mg/cm<sup>2</sup>. Seven of the eight surfaces contained detectable levels of lead and were presumed to exceed the acceptable level of LBP in Maryland. Laboratory results are included as **Attachment 1**.

Most structures containing LBP were observed to be in good or fair condition, with little evidence of flaking or peeling paint. Inside the facility, each of the components with lead exceedances (large wall columns, walkway railings, inner walls of outlying buildings, and miscellaneous doors and cabinets) showed very little wear. Concerning the outdoor exceedances, the transformer bollards and large ladders on the eastern and western walls appeared to be in good/fair condition, while two small ladders on the south face of the building showed more weathering and moderate peeling. The outer walls of OB #5 and OB #6 contained paint in poor condition, with severe flaking. Laboratory analysis indicated that the exterior paints of OB #5 contained some lead, while a combination of XRF and laboratory analysis did not identify lead associated with OB #6.

A summary of testing locations and results can be found in **Table 1**. The Billet Building and notable exceedances were photographed, and have been provided as **Attachment 2**.

If you have any questions or would like any further information, please do not hesitate to contact the undersigned at 410-290-7775.

Respectfully Submitted,  
ARM Group Inc.



Eric S. Magdar  
Senior Geologist

Enclosures: Figure 1 – Aerial View of Billet Building and OBs  
Table 1 – Summary of Testing Locations and Results  
Attachment 1 – Laboratory Report  
Attachment 2 – Photo Log

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## FIGURES

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S PIPE

### Sparrows Point Industrial Complex

OB #2

OB #1

OB #5

OB #8

OB #4

OB #6

OB #7

OB #3

#### Billet Building Lead-Based Paint Survey

Surveyed on 7/20/2015

Figure

1

EnviroAnalytics Group

Sparrows Point Terminal

ARM Project 150300M

Baltimore County, MD



ARM Group Inc.  
Earth Resource Engineers  
and Consultants

0 12.5 25 50 Feet

● Outlying Building (OB) Location

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## TABLES

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**Table 1**  
Lead Based Paint Survey  
Sparrows Point - Billet Building

Sample Location	Component Description	Lead Concentration Reading (mg/cm <sup>2</sup> ) Maryland Limit >0.7
SE building corner	corner sheeting	0.01 ± 0.02
E wall, 20 feet N	wall sheeting	0.00 ± 0.00
Outlying Building (OB #1)	no paint interior/exterior	-
E ladder to roof	yellow location #1	>5.0
E ladder to roof	yellow location #2 (confirmation)	>5.0
OB #2 S wall	wall sheeting	0.00 ± 0.00
OB #2 E wall	wall sheeting	0.00 ± 0.00
OB #2 N wall	wall sheeting	0.00 ± 0.00
E wall, 10 feet S	wall sheeting	0.00 ± 0.02
E former bay door	fiberglass	0.00 ± 0.00
E wall door	green	0.05 ± 0.03
E wall door	red	0.00 ± 0.00
NE building corner	corner sheeting	0.01 ± 0.03
N wall, 20 feet W	wall sheeting	0.00 ± 0.00
N wall, 180 feet W	wall sheeting	0.00 ± 0.01
N wall, 360 feet W	wall sheeting	0.00 ± 0.00
N wall, 20 feet E	wall sheeting	0.00 ± 0.00
NW building corner	corner sheeting	0.00 ± 0.00
W wall, 10 feet S	wall sheeting	0.00 ± 0.02
W bay door exterior	white	0.00 ± 0.00
W bay door frame	yellow	2.82 ± 0.29
W bay door frame	grey	2.17 ± 0.24
W bay door interior	green	0.00 ± 0.00
W ladder to roof	yellow location #1	>5.0
W ladder to roof	yellow location #2 (confirmation)	>5.0
W wall door exterior	grey	0.00 ± 0.00
W wall door interior	blue	0.00 ± 0.00
W wall door interior frame	yellow location #1	2.68 ± 0.32
W wall door interior frame	yellow location #2 (confirmation)	4.40 ± 0.47
W wall, 10 feet N	wall sheeting	0.00 ± 0.00
SW building corner	corner sheeting	0.00 ± 0.00
S wall, 20 feet E	wall sheeting	0.00 ± 0.02
S wall exterior plate (2"x16")	3rd plate E	0.00 ± 0.00
S wall, 90 feet E	wall sheeting	0.00 ± 0.00
OB #3 W wall	wall sheeting	0.18 ± 0.06
OB #3 W wall door	black	0.00 ± 0.00
OB #3 W wall door	grey	0.00 ± 0.00
OB #3 S wall, 45 feet E	wall sheeting	0.08 ± 0.04
OB #3 S wall window sill	black	0.31 ± 0.07

**Table 1**  
Lead Based Paint Survey  
Sparrows Point - Billet Building

Sample Location	Component Description	Lead Concentration Reading (mg/cm <sup>2</sup> ) Maryland Limit >0.7
OB #3 E wall, 10 feet N	wall sheeting	0.11 ± 0.05
OB #3 E wall window sill	green	0.41 ± 0.07
S wall ladder	yellow location #1	>5.0
S wall ladder	yellow location #2 (confirmation)	>5.0
S wall door	grey location #1	0.63 ± 0.06
S wall door	grey location #2 (confirmation)	0.78 ± 0.07
S wall transformer bollards	yellow location #1	>5.0
S wall transformer bollards	yellow location #2 (confirmation)	>5.0
S wall transformer	black, potentially active	-
S wall transformer	grey, active	-
OB #4 W wall, 3 feet N	wall sheeting	0.00 ± 0.00
OB #4 SW corner	corner sheeting	0.00 ± 0.00
OB #4 S wall door	grey	1.81 ± 0.17
OB #4 S wall, 30 feet E	wall sheeting	0.00 ± 0.00
OB #4 bay door frame	grey location #1	3.19 ± 0.26
OB #4 bay door frame	grey location #2 (confirmation)	3.47 ± 0.34
OB #4 S wall door #2	grey	0.44 ± 0.08
OB #4 E wall, 10 feet N	wall sheeting	0.00 ± 0.00
OB #4 SE corner	corner sheeting	0.00 ± 0.00
S wall, 20 feet W	wall sheeting	0.00 ± 0.00
S wall, 220 feet W	wall sheeting	0.00 ± 0.01
OB #5 W wall	wall sheeting	>0.7 <sup>1</sup>
OB #5 S wall	wall sheeting	>0.7 <sup>1</sup>
OB #5 E wall	wall sheeting	>0.7 <sup>1</sup>
OB #6 W wall	wall sheeting	>0.7 <sup>2</sup>
OB #6 double doors	wall sheeting	0.00 ± 0.00
OB #6 E wall	wall sheeting	0.00 ± 0.00
OB #7 W wall	wall sheeting	0.00 ± 0.00
OB #7 double doors	wall sheeting	0.00 ± 0.00
OB #8 ladder	yellow location #1	3.88 ± 0.33
OB #8 ladder	yellow location #2 (confirmation)	2.29 ± 0.23
OB #8 W wall	wall sheeting	0.00 ± 0.00
OB #8 SW corner	corner sheeting	0.00 ± 0.00
OB #8 S wall, 10 feet E	wall sheeting	0.00 ± 0.00
OB #8 S wall, 10 feet W	wall sheeting	0.00 ± 0.00
OB #8 S wall bay door	dark grey, left	0.02 ± 0.02
OB #8 S wall bay door	dark grey, right	0.00 ± 0.00
OB #8 E wall	wall sheeting	0.00 ± 0.00
OB #8 E wall bay door	grey location #1	3.40 ± 0.26

**Table 1**  
Lead Based Paint Survey  
Sparrows Point - Billet Building

Sample Location	Component Description	Lead Concentration Reading (mg/cm <sup>2</sup> ) Maryland Limit >0.7
OB #8 E wall bay door	grey location #2 (confirmation)	2.83 ± 0.31
S wall	acetylene storage area	0.00 ± 0.01
E wall door interior	green	0.28 ± 0.27
E wall door exterior	green	0.09 ± 0.04
E railing to 2nd level	yellow location #1	4.91 ± 0.28
E railing to 2nd level	yellow location #2 (confirmation)	4.69 ± 0.32
W wall cabinet	green location #1	2.95 ± 0.31
W wall cabinet	green location #2 (confirmation)	2.17 ± 0.30
W railing to 2nd level	yellow location #1	4.64 ± 0.42
W railing to 2nd level	yellow location #2 (confirmation)	>5.0
W wall booth	green	0.46 ± 0.08
W wall ladder	yellow	>5.0
S wall column #2 W	grey location #1	4.66 ± 0.40
S wall column #2 W	grey location #2 (confirmation)	2.99 ± 0.34
S wall column #6 W	grey location #1	>5.0
S wall column #6 W	grey location #2 (confirmation)	2.20 ± 0.27
S wall column #12 W	grey location #1	>5.0
S wall column #12 W	grey location #2 (confirmation)	4.92 ± 0.44
S wall column #18 W	grey location #1	>5.0
S wall column #18 W	grey location #2 (confirmation)	4.87 ± 0.47
Central bollards	yellow	0.00 ± 0.00
E wall column	grey location #1	3.53 ± 0.47
E wall column	grey location #2 (confirmation)	1.92 ± 0.24
Crane hook	yellow location #1	1.18 ± 0.17
Crane hook	yellow location #2 (confirmation)	1.94 ± 0.22
N wall column #4 E	blue (over grey) location #1	4.69 ± 0.46
N wall column #4 E	blue location #2 (confirmation)	3.36 ± 0.33
N wall column #10 E	grey location #1	2.77 ± 0.33
N wall column #10 E	grey location #2 (confirmation)	>5.0
N wall column #16 E	grey location #1	4.11 ± 0.43
N wall column #16 E	grey location #2 (confirmation)	>5.0
N wall column #20 E	grey location #1	>5.0
N wall column #20 E	grey location #2 (confirmation)	4.52 ± 0.45
N wall inner sheet,200 feet E	wall sheeting (unpainted)	0.00 ± 0.01
W wall column	grey location #1	2.55 ± 0.24
W wall column	grey location #2 (confirmation)	3.33 ± 0.28
OB #3 large room	W wall	>0.7 <sup>1</sup>
OB #3 large room	S wall	0.16 ± 0.17
OB #3 large room	E wall	0.30 ± 0.30

**Table 1**  
Lead Based Paint Survey  
Sparrows Point - Billet Building

Sample Location	Component Description	Lead Concentration Reading (mg/cm <sup>2</sup> ) Maryland Limit >0.7
OB #3 large room	N wall	>0.7 <sup>1</sup>
OB #3 N office	W wall	0.06 ± 0.05
OB #3 N office	S wall	0.10 ± 0.06
OB #3 N office	E wall location #1	1.99 ± 0.27
OB #3 N office	E wall location #2 (confirmation)	1.28 ± 0.19
OB #3 N office	N wall	0.22 ± 0.03
OB #3 S office	W wall	0.89 <sup>1</sup> ± 0.13
OB #3 S office	S wall	1.32 ± 0.18
OB #3 S office	E wall	1.45 ± 0.22
OB #3 S office	N wall	1.34 ± 0.22
OB #3 N office	N door interior	1.30 ± 0.23
OB #3 small exit room	W wall	0.01 ± 0.02
OB #3 small exit room	E wall	0.02 ± 0.02
OB #3 Ladies Bathroom	S wall, blue	0.03 ± 0.03
OB #3 Ladies Bathroom	S wall, black	0.03 ± 0.03
OB #3 Ladies Bathroom	W wall, beige	0.12 ± 0.12
OB #3 Ladies Bathroom	W wall, blue	0.03 ± 0.04
OB #3 Ladies Bathroom	W wall, black	0.02 ± 0.03
OB #3 Ladies Bathroom	locker	0.02 ± 0.03
OB #3 Ladies Bathroom	stall wall	0.00 ± 0.00
OB #3 Mens Bathroom	entryway, beige	0.01 ± 0.02
OB #3 Mens Bathroom	entryway, brown	0.01 ± 0.03
OB #3 Mens Bathroom	electrical, restroom, radiation sign, authorized personnel sign	-
OB #4	dark, high voltage sign, asbestos	-
OB #5 door	green location #1	4.21 ± 0.54
OB #5 door	green location #2 (confirmation)	>5.0
OB #7	interior of double doors (ext.)	0.00 ± 0.00
OB #7 exterior door	green location #1	3.52 ± 0.30
OB #7 exterior door	green location #2 (confirmation)	2.13 ± 0.31
OB #8 access sliding door	grey location #1	4.99 ± 0.53
OB #8 access sliding door	grey location #2 (confirmation)	1.58 ± 0.23
OB #8 small door	green	0.01 ± 0.02
Exterior door	green	0.05 ± 0.03
N wall interior sheeting	blue sections	0.00 ± 0.00

Notes:

- = No sample tested or collected

N = North

E = East

> = Greater than

S = South

W = West

<sup>1</sup> = Tested positive for lead >0.010 % per laboratory analysis

<sup>2</sup> = Tested non-detect for lead >0.010 % per laboratory analysis

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**ATTACHMENT 1**  
**Laboratory Report**

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# EMSL Analytical, Inc.

10768 Baltimore Avenue, Beltsville, MD 20705

Phone/Fax: (301) 937-5700 / (301) 937-5701

<http://www.EMSL.com>

[beltsvillelab@emsl.com](mailto:beltsvillelab@emsl.com)

EMSL Order: 191508775

CustomerID: ARMG62

CustomerPO:

ProjectID:

Attn: **Nicholas Kurtz**  
**ARM Group, Inc.**  
**9175 Guilford Rd.**  
**Suite 310**  
**Columbia, MD 21046**

Phone: (410) 740-0840  
Fax: (410) 740-0841  
Received: 07/24/15 10:10 AM  
Collected: 7/20/2015

Project: 150300M-12-3

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

Client Sample Description	Lab ID	Collected	Analyzed	Lead Concentration
1	191508775-0001	7/20/2015	7/27/2015	0.23 % wt
Site: SHED 3 INT. LARGE RM W. WALL				
2	191508775-0002	7/20/2015	7/27/2015	0.21 % wt
Site: SHED 3 INT. LARGE RM N. WALL				
3	191508775-0003	7/20/2015	7/27/2015	4.0 % wt
Site: SHED 3 INT. S OFFICE W. WALL				
4	191508775-0004	7/20/2015	7/27/2015	0.51 % wt
Site: SHED 5 EXT. E. WALL				
5	191508775-0005	7/20/2015	7/27/2015	0.29 % wt
Site: SHED 5 EXT. W. WALL				
6	191508775-0006	7/20/2015	7/27/2015	0.65 % wt
Site: SHED 5 EXT. S. WALL				
7	191508775-0007	7/20/2015	7/27/2015	<0.010 % wt
Site: SHED 6 EXT. W. WALL				
8	191508775-0008	7/20/2015	7/27/2015	3.1 % wt
Site: S.W ALL EXT. DOOR 2 FROM WEST				

Joe Centifonti, Laboratory Manager  
or other approved signatory

\*Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.010 % wt based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. 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. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise.

Samples analyzed by EMSL Analytical, Inc. Beltsville, MD A2LA Accredited Environmental Testing Cert #2845.02

Initial report from 07/27/2015 15:03:33



EMSL ANALYTICAL, INC.  
LABORATORY • PRODUCTS • TRAINING

# Lead (Pb) Chain of Custody

## EMSL Order ID (Lab Use Only):

191508775

EMSL ANALYTICAL, INC.  
200 ROUTE 130 NORTH  
CINNAMINSON, NJ 08077  
PHONE: (800) 220-3675  
FAX: (856) 786-5974

Company: <u>ARM Group</u>		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: <u>9175 Guilford Rd., Suite 310</u>		Third Party Billing requires written authorization from third party	
City: <u>Columbia</u>	State/Province: <u>MD</u>	Zip/Postal Code:	Country:
Report To (Name): <u>Nick Kurtz</u>		Telephone #:	
Email Address: <u>nkurtz@armgroup.net</u>		Fax #:	Purchase Order:
Project Name/Number: <u>ISO 300M-12-3</u>		Please Provide Results: <input type="checkbox"/> Fax <input type="checkbox"/> Email	
U.S. State Samples Taken: <u>Maryland</u>		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> 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 <input type="checkbox"/> % by wt. <input checked="" type="checkbox"/> mg/cm <sup>2</sup> <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input checked="" type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* <input type="checkbox"/> ASTM non ASTM <input type="checkbox"/> *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO <sub>3</sub> pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO <sub>3</sub> pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50 (2013)	ICP-MS	1.2 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Name of Sampler: Nick Kurtz      Signature of Sampler: [Signature]

Sample #	Location	Volume/Area	Date/Time Sampled
1	Shed 3 Interior-Large Room W. wall		7/20/15 1120
2	Shed 3 Interior-Large Room N. Wall		7/20/15 1128
3	Shed 3 Interior-S. Office W. Wall		7/20/15 1134
4	Shed 5 Exterior- E. Wall		7/20/15 1146
5	Shed 5 Exterior- W. wall		7/20/15 1148

Client Sample #'s: -      Total # of Samples: 8

Relinquished (Client): [Signature]      Date: 7/23/15      Time: 1545

Received (Lab): [Signature]      Date: 7/24/15      Time: 10:10AM

Comments: Run stop positive for sample # 4, 5 and 6.



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**ATTACHMENT 2**  
**Photo Log**

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**Photo 1: View of east side of building, Outlying Building (OB) #1, and OB #2, facing northwest**



**Photo 2: View of east side of building and OB #2, facing west**



**Photo 3: View of west side of building, facing east**



**Photo 4: View of south side of building and OB #3, facing east**



**Photo 5: View of south side of building and OB #4, facing northeast**



**Photo 6: View of south side of building, OB #5, OB #6, OB #7, and OB #8, facing northeast**



**Photo 7: View of acetylene storage area along south wall, facing northeast**



**Photo 8: Close-up view of acetylene storage area, facing north**



**Photo 9: View of north side of building, facing southwest**



**Photo 10: View of main inner room from bay doors, facing east**



**Photo 11: View of west bay door frame, facing north**



**Photo 12: View of wall cabinet adjacent to west bay doors, facing west**



**Photo 13: View of wall ladder on south wall, facing northwest**



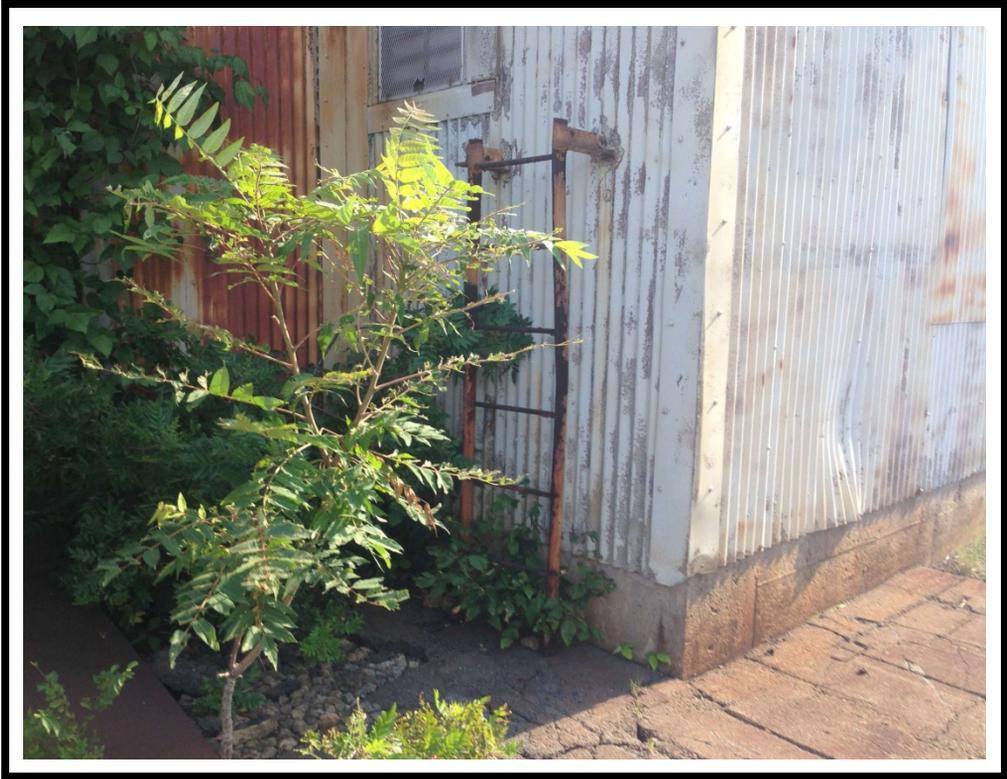
**Photo 14: View of south wall door, facing north**



**Photo 15: View of active grey transformer on south wall, facing north**



**Photo 16: View of possibly active black transformer on south wall, facing east**



**Photo 17: View of OB #8 ladder, facing northeast**



**Photo 18: View of OB #5 with peeling paint (inconclusive reading), facing north**



**Photo 19: View of OB #8 bay doors, facing west**



**Photo 20: View of support columns inside building on north wall, facing east**



**Photo 21: View of railing to second level on east wall, facing north**



**Photo 22: View of railing to second level on west wall, facing north**

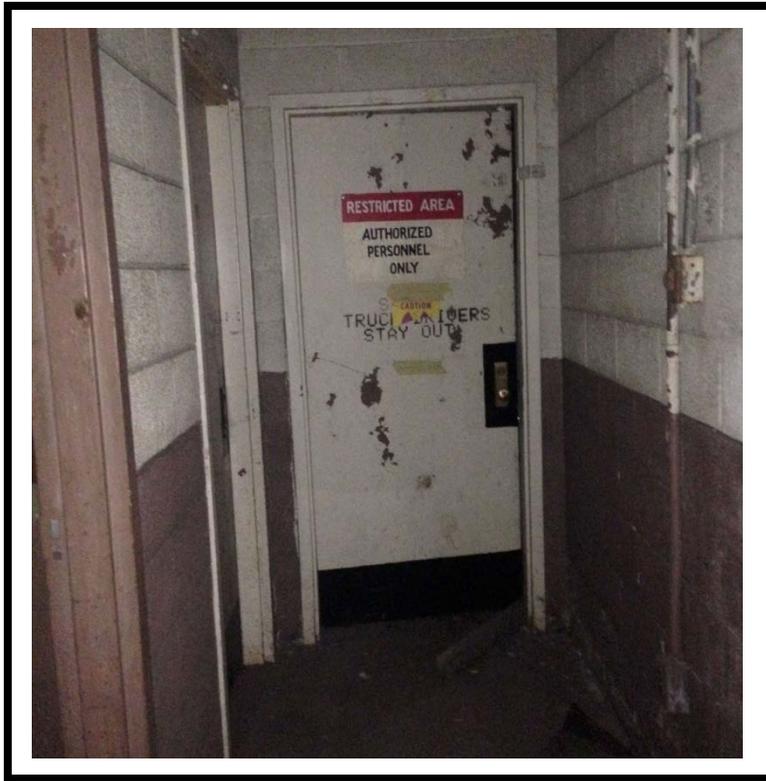


Photo 23: View of restricted access door within men's restroom, facing south

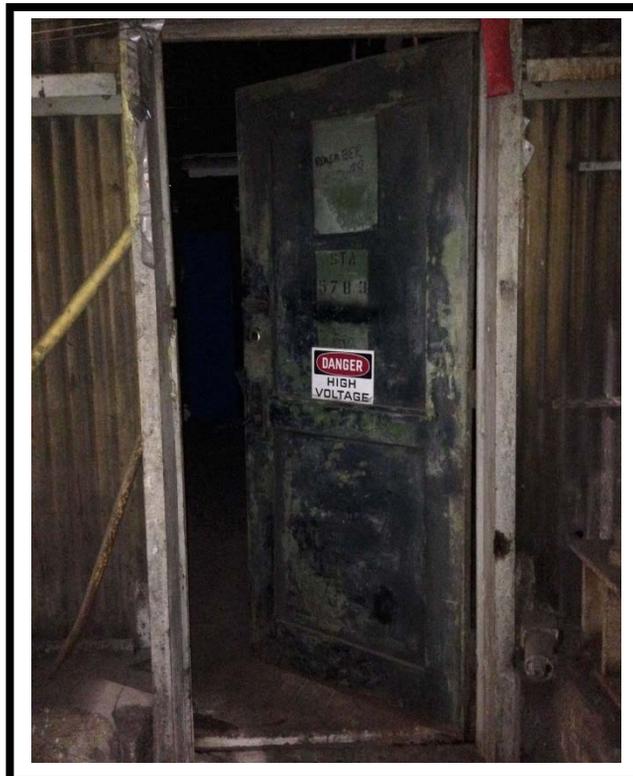


Photo 24: View of high voltage sign on OB #4 access door, facing south



**Photo 25: View of west and south walls in OB #3, facing southwest**



**Photo 26: View of OB #7 door, facing southwest**



**Photo 27: View of OB #8 access sliding door, facing south**