

## **Appendix H PRE-DEMOLITION ASBESTOS AND LEAD-BASED PAINT SURVEY**







**Stantec Consulting Services Inc.**  
290 Conejo Ridge Avenue, Thousand Oaks CA 91361-4971

December 18, 2015

**Attention: Ms. Christine A. Godinez**

City of Glendale  
Principal Assistant City Attorney  
613 East Broadway, Suite 220  
Glendale, California 91206

**Reference: Pre-Demolition Asbestos and Lead-Based Paint Survey**

Biogas Renewable Generation Project  
7721 N Figueroa Street, Los Angeles, CA 90041  
Stantec Project no.: 2057123300

Dear Ms. Godinez:

Stantec Consulting Services Inc. (Stantec) appreciates the opportunity to provide you with the following pre-demolition asbestos-containing materials (ACM) and lead-based paint (LBP) survey report. The survey was performed at the Scholl Canyon Landfill (herein referred to as the "Property") on September 14, 2015. The Property consists of a gas gathering system, blowers, flares, gas coolers, pre-coolers, compressors, after-coolers, gas condensate collection system, air compressors, a tool shed, and an office trailer (excluded from survey). The purpose of this survey was to evaluate the equipment at the Property for the presence of ACMs and LBP that would require special handling and/or disposal in accordance with applicable federal, state, and local regulations. This report provides the survey's findings and recommendations.

**BACKGROUND**

At the request of the City of Glendale, Stantec performed a pre-demolition ACM and LBP survey in support of demolition that may occur at the Property. The scope of work included sampling and analysis of suspect building materials at the Property. The survey was limited to the existing gas recovery facilities at Scholl Canyon Landfill.

**PROJECT PERSONNEL**

The survey was performed by Mr. Jason Stagno, Senior Scientist and State of California, Division of Occupational Safety and Health (DOSH) Certified Asbestos Consultant (CAC #12-4949) and State of California, Department of Public Health (CDPH) Lead Related Construction Inspector/Risk Assessor (LRCIA #19068).

**SUSPECT ASBESTOS-CONTAINING MATERIALS**

Asbestos is a potential health hazard capable of causing respiratory system fibrosis and various forms of systemic cancers. Its condition, handling and disposal are regulated by federal, state, and local agencies. Materials that contain asbestos generally do not pose a health threat unless the asbestos fibers are disturbed by renovation, construction or demolition, and may then become airborne and inhaled. If the Property buildings are not going to be demolished, then written notification to employees, tenants, contractors, or purchasers of the Property in regards to the presence and location of ACMs and asbestos-containing construction materials (ACCMs) is required pursuant to the California Health and Safety Code 25915.



December 18, 2015

Ms. Godinez

Page 2 of 8

**Reference: Pre-Demolition Asbestos and Lead-Based Paint Survey  
Biogas Renewable Generation Project  
7721 N Figueroa Street, Los Angeles, CA  
Stantec Project no.: 2057123300**

In California, asbestos exposure in construction is regulated when construction, alteration, repair, maintenance, or renovation of structures, substrates, or portions thereof contain asbestos [§1529 (a)(1)(C)]. For the purpose of this report, materials with any detectable concentration of asbestos are considered positive.

The EPA defines a homogeneous area as a surfacing material, thermal system insulation, or miscellaneous material that is uniform in color and texture. The use or application of the homogeneous area is also used to identify suspect ACMs. The EPA and DOSH define ACM as any material that contains more than one percent (by weight) of asbestos (>1%). Only one sample from a homogeneous area with an asbestos concentration >1% is required to collectively identify that material as an ACM. The EPA additionally categorizes ACM as follows:

- Category I nonfriable ACM - asbestos containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than 1% asbestos as determined using the PLM method.
- Category II nonfriable ACM - any material, excluding Category I nonfriable ACM, containing more than 1% asbestos as determined using the PLM method that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.
- Regulated asbestos-containing material (RACM) - (a) Friable asbestos material, (b) Category I nonfriable ACM that has become friable, (c) Category I nonfriable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading, or (d) Category II nonfriable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations regulated by this subpart.

In California, potential asbestos exposure in construction is regulated when construction, alteration, repair, maintenance, renovation or demolition of structures, substrates, or portions thereof contain asbestos [8 CCR §1529 (a)(1)(C)]. Additionally, in California, materials containing greater than one-tenth of one percent (>0.1%) asbestos by weight are regulated as ACCMs.

### **Sampling and Analysis**

Stantec conducted a pre-demolition survey of the Property in an effort to identify suspect ACMs in general accordance with the AHERA sampling guidelines as outlined in 40 CFR Part 763. The location, condition, friability, and the potential for suspect ACMs to be potentially disturbed were assessed and documented. Bulk samples of readily accessible suspect ACMs were collected. Consistent with building demolition and renovation regulatory requirements, building material sampling was conducted regardless of the age and/or condition of the structures. A total of 31 samples were collected from 15 homogeneous areas at the Property. The samples were analyzed by Polarized Light Microscopy (PLM) in accordance with the EPA "Method for the Determination of Asbestos in Bulk Building Materials" (EPA/600/R93/116, July 1993). Analysis was performed by EMSL Analytical, Inc. located in Cinnaminson, New Jersey. This laboratory is participating in the Environmental Laboratory Accreditation Program (ELAP), the National Institute of Standards and Testing (NIST), and the National Voluntary Laboratory Accreditation Program (NVLAP). The laboratory is also accredited by the American Industrial Hygiene Association (AIHA). A summary of the laboratory analytical results are included in the table below. Table 1 in the Findings section provides more information regarding the suspect materials collected and analyzed. Laboratory analytical results and



**Reference: Pre-Demolition Asbestos and Lead-Based Paint Survey  
 Biogas Renewable Generation Project  
 7721 N Figueroa Street, Los Angeles, CA  
 Stantec Project no.: 2057123300**

bulk sample logs are provided in Attachment A; sample location map is provided in Attachment B; certifications are provided in Attachment C; and a photographic log is provided in Appendix D.

**Findings**

Table 1 below provides a summary of the suspect materials identified and sampled at the Property during this survey. The table includes the DOSH definition and the EPA category, as applicable.

Table 1 – Asbestos Bulk Sample Results

Sample No.	Homogeneous Area	Location of Material	Condition	Asbestos Content	Quantity Estimate	DOSH Definition	EPA Category
01A 01B 01C	Gasket, Black, Approximately 24" Diameter, Associated with Condensate Tanks	Condensate Treatment Area	Good	ND	6 LF	NA	NA
02A	Gasket, Black, Approximately 8" Diameter, Associated with Condensate Tanks	Condensate Treatment Area	Good	ND	2 LF	NA	NA
03A	Sealant, Gray, Associated with Condensate Tower	Condensate Treatment Area	Good	ND	<3 LF	NA	NA
04A	Sealant, Red, Associated with Poly Tank	Condensate Treatment Area	Good	ND	3,000 SF	NA	NA
05A	Tape/Fabric, Orange, Associated with Repaired Pipes at Motor	Condensate Treatment Area	Good	ND	<6 LF	NA	NA
06A 06B 06C	Sealant, Tan, Associated with Treatment Equipment	Condensate Treatment Area	Damaged	ND	20 LF	NA	NA
07A 07B 07C	Insulation, Green/Yellow, Associated with Aluminum Pipe Wrap	Condensate Processing Facility	Good	ND	500 SF	NA	NA
08A 08B 08C	Sealant, Gray, Associated with Aluminum Pipe Wrap	Condensate Processing Facility, Gas Compressors	Good	ND	50 LF	NA	NA



December 18, 2015

Ms. Godínez

Page 4 of 8

**Reference: Pre-Demolition Asbestos and Lead-Based Paint Survey  
Biogas Renewable Generation Project  
7721 N Figueroa Street, Los Angeles, CA  
Stantec Project no.: 2057123300**

Table 1 – Asbestos Bulk Sample Results (continued)

Sample No.	Homogeneous Area	Location of Material	Condition	Asbestos Content	Quantity Estimate	DOSH Definition	EPA Category
09A 09B 09C	Insulation, Black	Scrubber Skid	Damaged	ND	50 SF	NA	NA
10A 10B 10C	Wrap/Tape, Black, Associated with Connections and Piping	Scrubber Skid	Damaged	ND	80 LF	NA	NA
11A	Wrap, White/Black, Associated with Gauge Fittings	Scrubber Skid	Good	ND	<3 LF	NA	NA
12A 12B 12C	Wrap, Gray, Associated with Aluminum Pipe Wrap	Gas Compressors	Damaged	ND	50 SF	NA	NA
13A	Sleeve, Beige, Fabric Associated with Valves	Gas Compressors	Good	ND	<3 LF	NA	NA
14A 14B 14C	Asphaltic Roofing, Tan, Shingle	Tool Shed	Good	ND	150 SF	NA	NA
15A	Gasket, Black, Approximately 81" Diameter, Associated with Condensate Processing Equipment	Condensate Processing Facility	Good	ND	3 LF	NA	NA

Notes and Abbreviations:

ND = Non-detect

LF = Linear feet

SF = Square feet

NA = Not applicable



**Reference: Pre-Demolition Asbestos and Lead-Based Paint Survey  
 Biogas Renewable Generation Project  
 7721 N Figueroa Street, Los Angeles, CA  
 Stantec Project no.: 2057123300**

**LEAD-BASED PAINT**

The State of California, Title 17, Division 1, and Chapter 8 (herein referred to as “Title 17”) pertains to all public and residential buildings in California and is enforced by the CDPH. Pursuant to Title 17 and EPA regulations, lead-based paint is defined as paint or other surface coatings containing an amount of lead equal to or greater than one milligram per square centimeter (1.0 mg/cm<sup>2</sup>) or more than half of one percent [ $>0.5\%$  or 5,000 parts per million(ppm)] by weight. Title 17 also defines a lead hazard as deteriorated lead-based paint, disturbing lead-based paint or presumed lead-based paint without containment, or any other nuisances which may result in persistent or quantifiable lead exposure. Additionally, worker exposure to materials containing lead during construction work is regulated by the Federal OSHA [29 CFR 1926.62(a)] and the DOSH [8 CCR §1532.1(a)]. These regulations require worker protection during construction “...where lead or materials containing lead are present.”

Lead is a potential health hazard. Its condition, handling and disposal are regulated by federal, state, and local agencies. Lead in paint generally does not pose a health threat unless the material is disturbed or sufficiently deteriorated to produce dust, which may become airborne and inhaled or ingested. Contractors working in the facility should be informed of the type and the location of lead-containing materials. Applicable Federal and DOSH regulations may apply depending on the work being performed.

**Sampling and Analysis**

Stantec assessed the condition of painted surfaces at the Property in general accordance with Chapter 5 of the United States, Housing and Urban Development (HUD) guidelines. Paint that is in fair and/or poor condition presents the highest risk for lead exposure. Samples of paint observed to be in fair and/or poor condition, as well as intact paint were collected from building components as a part of this survey. The definitions of paint condition are dependent on the location of the paint and component involved. Table 2 below illustrates how HUD categorizes paint condition under various circumstances.

Table 2 – HUD Categories of Paint Film Quality

Type of Building Component	Total Area of Deteriorated Paint		
	Intact	Fair	Poor
Exterior components with large surface areas.	Entire Surface is Intact	Less than or equal to 10 square feet.	More than 10 square feet
Interior components with large surface areas (walls, ceilings, floors, doors).	Entire Surface is Intact	Less than or equal to 2 square feet.	More than 2 square feet.
Interior and exterior components with small surface areas (window sills, baseboards, soffits, trim)	Entire Surface is Intact	Less than or equal to 10 percent of the total surface area of the component.	More than 10 percent of the total surface area of the component.

Paint chip samples were collected by removing the material using hand tools to extract representative pieces. A hard sided container was used to contain the samples of suspect material. A unique sample number was assigned to each sample.

Five bulk paint-chip samples were collected and analyzed by Flame Atomic Absorption Spectrometry following the EPA SW 846-7000B/7420 analytical protocol. The samples were submitted to EMSL Analytical, Inc. in Cinnaminson, New Jersey. This laboratory is accredited by the American Industrial Hygiene Association



December 18, 2015

Ms. Godinez

Page 6 of 8

**Reference: Pre-Demolition Asbestos and Lead-Based Paint Survey  
Biogas Renewable Generation Project  
7721 N Figueroa Street, Los Angeles, CA  
Stantec Project no.: 2057123300**

(AIHA Lab ID 100194) under the Environmental Lead Laboratory Accreditation Program (ELLAP) as well as the CDPH Environmental Lab Accreditation Program (ELAP No. 2492) for bulk paint chip analysis. Please note, worker exposure to materials containing lead during construction related activities is regulated by the Code of Federal Regulations (CFR) Occupational Safety and Health Administration (OSHA) regulation [29 CFR 1926.62(a)] and the California Code of Regulations (CCR) DOSH regulation [8 CCR §1532.1(a)]. The Federal OSHA and the DOSH regulations require worker protection during construction “where lead containing coatings or paint is present”.

Laboratory analytical results and bulk sample logs are provided in Attachment A and a sample location map is provided in Attachment B. The CDPH Lead Hazard Evaluation Report form No. 8552 was submitted to the CDPH, as required, and a copy of this form is included in Attachment E.

### Findings

Table 3 below provides a summary of the paint identified and sampled at the Property during this survey.

Table 3 – Lead Paint Analytical Results

Sample Number	Sample Location	Paint Color	Substrate Material	Paint Condition	Estimated Quantity	Lead Content
P1	Secondary Containment at Condensate Treatment Area	Yellow	Concrete	Poor	200 SF	<0.026% by weight
P2	Processing Equipment at Condensate Processing Facility	Beige	Metal	Fair	5,000 SF	<0.010% by weight
P3	Small Compressor	Gray	Metal	Poor	25 SF	0.097% by weight
P4	Compressor Control Panel	Light Blue	Metal	Poor	50 SF	<0.011% by weight
P5	Condensate Tank	White	Metal	Fair	100 SF	<0.018% by weight

Notes and Abbreviations:

SF = Square Feet

### RECOMMENDATIONS

#### Asbestos-Containing Materials

Based on the findings of this survey, no asbestos-containing materials were identified. No additional assessment/survey appears warranted at this time. It should be noted however that the asbestos survey was limited to accessible materials only and did not include underground utilities. Historically, certain concealed materials may be present within equipment (e.g. electrical wire wrapping, insulation materials, etc.) that contain asbestos, and some underground utility piping has been known to contain asbestos (e.g., Transite pipe). If demolition of the Property includes removal of on-site portions of underground utilities (storm drains, sewer, domestic water laterals, etc.), evaluation of the asbestos content of these components must be performed prior to the removal process. Suspect materials identified in these locations are assumed positive for asbestos until sampling and analysis indicates otherwise. If during the course of a renovation/demolition project suspect ACMs are discovered that are not included within this report, those materials are to be assumed positive for asbestos unless additional sampling, analysis and/or assessment indicates otherwise.



December 18, 2015

Ms. Godínez

Page 7 of 8

**Reference: Pre-Demolition Asbestos and Lead-Based Paint Survey  
Biogas Renewable Generation Project  
7721 N Figueroa Street, Los Angeles, CA  
Stantec Project no.: 2057123300**

#### Lead-Based Paint

None of the paint sampled meets the definition of LBP. However, the gray paint associated with the small compressor contains concentrations of lead that would require compliance with applicable portions of OSHA 29 CFR 1926.62 (Lead – Safety and Health Regulations for Construction) and DOSH 8 CCR Section 1532.1 (Lead in Construction Standard).

#### **LIMITATIONS**

Reasonable efforts have been made by Stantec personnel to locate, sample, and/or identify suspect ACMs and LBPs associated with the Property. Onsite trailers were excluded from this survey. For any facility the existence of unique or concealed materials and debris is a possibility. In addition, sampling and laboratory analysis constraints typically hinder the investigation. Stantec does not warrant, guarantee or profess to have the ability to locate or identify all hazardous materials in a facility. The survey is limited in nature, as only full demolition of the Property will reveal all concealed conditions. Stantec cannot warrant the effectiveness or damage thereof, at any of the patches or temporary repairs performed at sampling locations. This report is intended for use in planning based on the agreed upon scope of work. This report is not intended to be a bidding document. Quantities of materials identified are estimates only and would need to be verified. If during the course of a renovation/demolition project suspect ACMs or LBPs are discovered that are not included within this report, those materials should be treated accordingly until additional sampling, analysis and/or assessment can be performed.

Additionally, the passage of time may result in a change in the environmental characteristics at the Property. This report does not warrant against future operations or conditions that could affect the recommendations made. The results, findings, conclusions and recommendations expressed in this report are based only on conditions that were observed during Stantec's survey of the Property and test results provided by EMSL. These observations are time dependent, are subject to changing site conditions, and revisions to federal, state, and local regulations. Reliance on this letter report by Third Parties (i.e., other than the City of Glendale) shall be at the Third Party's sole risk.



December 18, 2015  
Ms. Godinez  
Page 8 of 8

**Reference: Pre-Demolition Asbestos and Lead-Based Paint Survey  
Biogas Renewable Generation Project  
7721 N Figueroa Street, Los Angeles, CA  
Stantec Project no.: 2057123300**

If you have any questions regarding this report or require further clarification, please do not hesitate to contact the Stantec personnel identified below.

Respectfully submitted,

**STANTEC CONSULTING SERVICES INC.**

Prepared and Approved by:

Handwritten signature of Jason Stagno in blue ink.

Jason Stagno, CAC #12-4949, LRCIA #19068  
Senior Scientist  
Phone: (805) 719-9392  
[jason.stagno@stantec.com](mailto:jason.stagno@stantec.com)

Reviewed by:

Handwritten signature of Michael Weber in blue ink.

Michael Weber  
Principal Scientist  
Phone: (805) 719-9329  
[michael.weber@stantec.com](mailto:michael.weber@stantec.com)

Reviewed by:

Handwritten signature of Steven Brady in blue ink.

Steven Brady, C.E.G., C.H.G.  
Managing Principal Hydrogeologist  
Phone: (805) 719-9325  
[steven.brady@stantec.com](mailto:steven.brady@stantec.com)

Attachments: A: Laboratory Analytical Results and Bulk Sample Logs  
B: Sample Location Map  
C: Personnel Certifications and Laboratory Accreditations  
D: Photographic Log  
E: CDPH Form 8552

c. Dorine Martirosian, Senior Assistant City Attorney, City of Glendale



December 18, 2015

Ms. Godinez

**Reference: Pre-Demolition Asbestos and Lead-Based Paint Survey  
Scholl Canyon Landfill Gas Plant  
7721 N Figueroa Street, Los Angeles, CA  
Stantec Project no.: 2057123300**

# **Attachment A Laboratory Analytical Results and Bulk Sample Logs**

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com>[cinnaslab@EMSL.com](mailto:cinnaslab@EMSL.com)

EMSL Order:	041527953
CustomerID:	32SCOE63
CustomerPO:	
ProjectID:	

Attn: **Jason Stagno**  
**Stantec Consulting Services Inc**  
**290 Conejo Ridge Avenue**  
**Thousand Oaks, CA 91361**

Phone: (805) 230-1266  
 Fax:  
 Received: 09/16/15 12:50 PM  
 Analysis Date: 9/16/2015  
 Collected: 9/14/2015

Project: 2057123300 / Scholl Canyon Landfill, 7721 North Figueroa St., Los Angeles CA 90041 / Task M800-5S- ENV-5G

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
01A <i>041527953-0001</i>	Metal White Condensate Tank- N - Gasket- Black- 24" Diameter a/w Condensate Tank	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
HA: 01					
01B <i>041527953-0002</i>	Metal White Condensate Tank- N - Gasket- Black- 24" Diameter a/w Condensate Tank	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
HA: 01					
01C <i>041527953-0003</i>	Metal White Condensate Tank- S - Gasket- Black- 24" Diameter a/w Condensate Tank	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
HA: 01					
02A <i>041527953-0004</i>	White Metal Condensate Tank- N - Gasket- Black- 8' Diameter a/w Condensate Tanks	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
HA: 02					

Analyst(s)  
 Benjamin Verghese (15)  
 William Bradford (18)

  
 Benjamin Ellis, Laboratory Manager  
 or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%  
 Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367

Initial report from 09/17/2015 08:01:27



# EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com>

[cinnaslab@EMSL.com](mailto:cinnaslab@EMSL.com)

EMSL Order:	041527953
CustomerID:	32SCOE63
CustomerPO:	
ProjectID:	

Attn: <b>Jason Stagno</b> <b>Stantec Consulting Services Inc</b> <b>290 Conejo Ridge Avenue</b> <b>Thousand Oaks, CA 91361</b>	Phone: (805) 230-1266 Fax: Received: 09/16/15 12:50 PM Analysis Date: 9/16/2015 Collected: 9/14/2015
Project: 2057123300 / Scholl Canyon Landfill, 7721 North Figueroa St., Los Angeles CA 90041 / Task M800-5S- ENV-5G	

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
03A 041527953-0005	Condensate Tower - Sealant- Gray- a/w Condensate Tower	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
HA: 03					
04A 041527953-0006	Condensate Treatment - Sealant- Red- a/w Poly Tank in Condensate Treatment	Red Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
HA: 04					
05A 041527953-0007	Motor - Tape/ Cloth- Orange- a/w Repaired Pipes @ Motors	Orange Fibrous Homogeneous	80% Glass	20% Non-fibrous (other)	None Detected
HA: 05					
06A 041527953-0008	Treatment Equipment - Sealant- Tan- a/w Treatment Equipment	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
HA: 06					
06B 041527953-0009	Treatment Equipment - Sealant- Tan- a/w Treatment Equipment	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
HA: 06					

Analyst(s)  
 Benjamin Verghese (15)  
 William Bradford (18)

  
 Benjamin Ellis, Laboratory Manager  
 or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%  
 Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367

Initial report from 09/17/2015 08:01:27

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com>[cinnaslab@EMSL.com](mailto:cinnaslab@EMSL.com)

EMSL Order:	041527953
CustomerID:	32SCOE63
CustomerPO:	
ProjectID:	

Attn: **Jason Stagno**  
**Stantec Consulting Services Inc**  
**290 Conejo Ridge Avenue**  
**Thousand Oaks, CA 91361**

Phone: (805) 230-1266  
 Fax:  
 Received: 09/16/15 12:50 PM  
 Analysis Date: 9/16/2015  
 Collected: 9/14/2015

Project: 2057123300 / Scholl Canyon Landfill, 7721 North Figueroa St., Los Angeles CA 90041 / Task M800-5S- ENV-5G

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
06C 041527953-0010	Treatment Equipment - Sealant- Tan- a/w Treatment Equipment	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
HA: 06					
07A 041527953-0011	Condensate Processing - Insulation- Green/Yellow- a/w Aluminum Pipe Wrap	Yellow/Green Non-Fibrous Homogeneous	95% Min. Wool	5% Non-fibrous (other)	None Detected
HA: 07					
07B 041527953-0012	Condensate Processing - Insulation- Green/Yellow- a/w Aluminum Pipe Wrap	Yellow/Green Non-Fibrous Homogeneous	95% Min. Wool	5% Non-fibrous (other)	None Detected
HA: 07					
07C 041527953-0013	Condensate Processing - Insulation- Green/Yellow- a/w Aluminum Pipe Wrap	Yellow/Green Non-Fibrous Homogeneous	80% Min. Wool	20% Non-fibrous (other)	None Detected
HA: 07					

Analyst(s)  
 Benjamin Verghese (15)  
 William Bradford (18)

  
 Benjamin Ellis, Laboratory Manager  
 or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%  
 Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367

Initial report from 09/17/2015 08:01:27



# EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com>

[cinnaslab@EMSL.com](mailto:cinnaslab@EMSL.com)

EMSL Order:	041527953
CustomerID:	32SCOE63
CustomerPO:	
ProjectID:	

Attn: <b>Jason Stagno</b> <b>Stantec Consulting Services Inc</b> <b>290 Conejo Ridge Avenue</b> <b>Thousand Oaks, CA 91361</b>	Phone: (805) 230-1266 Fax: Received: 09/16/15 12:50 PM Analysis Date: 9/16/2015 Collected: 9/14/2015
Project: 2057123300 / Scholl Canyon Landfill, 7721 North Figueroa St., Los Angeles CA 90041 / Task M800-5S- ENV-5G	

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
08A 041527953-0014	Condensate Processing - Sealant- Gray-a/w Aluminum Pipe Wrap	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
HA: 08					
08B 041527953-0015	Condensate Processing - Sealant- Gray-a/w Aluminum Pipe Wrap	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
HA: 08					
08C 041527953-0016	Condensate Processing - Sealant- Gray-a/w Aluminum Pipe Wrap	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
HA: 08					
09A 041527953-0017	Scrubber Skid - Insulation- Black-a/w Scrubber Skid	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
HA: 09					
09B 041527953-0018	Scrubber Skid - Insulation- Black-a/w Scrubber Skid	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
HA: 09					
09C 041527953-0019	Scrubber Skid - Insulation- Black-a/w Scrubber Skid	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
HA: 09					

Analyst(s)  
 Benjamin Verghese (15)  
 William Bradford (18)

  
 Benjamin Ellis, Laboratory Manager  
 or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%  
 Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367

Initial report from 09/17/2015 08:01:27

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com>[cinnaslab@EMSL.com](mailto:cinnaslab@EMSL.com)

EMSL Order:	041527953
CustomerID:	32SCOE63
CustomerPO:	
ProjectID:	

Attn: **Jason Stagno**  
**Stantec Consulting Services Inc**  
**290 Conejo Ridge Avenue**  
**Thousand Oaks, CA 91361**

Phone: (805) 230-1266  
 Fax:  
 Received: 09/16/15 12:50 PM  
 Analysis Date: 9/16/2015  
 Collected: 9/14/2015

Project: 2057123300 / Scholl Canyon Landfill, 7721 North Figueroa St., Los Angeles CA 90041 / Task M800-5S- ENV-5G

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
10A 041527953-0020	Scrubber Skid - Wrap/Tape- Black- a/w Electrical Connections & Piping	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
HA: 10					
10B 041527953-0021	Scrubber Skid - Wrap/Tape- Black- a/w Electrical Connections & Piping	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
HA: 10					
10C 041527953-0022	Scrubber Skid - Wrap/Tape- Black- a/w Electrical Connections & Piping	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
HA: 10					
11A 041527953-0023	Scrubber Skid- West - Wrap- White/Black- a/w Gage Fittings	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
HA: 11					
12A 041527953-0024	Compressor- N - Wrap- Gray- a/w Aluminum Pipe Wrap	Gray Fibrous Homogeneous	99% Glass	1% Non-fibrous (other)	None Detected
HA: 12					

Analyst(s)  
 Benjamin Verghese (15)  
 William Bradford (18)

  
 Benjamin Ellis, Laboratory Manager  
 or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%  
 Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367

Initial report from 09/17/2015 08:01:27

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com>[cinnaslab@EMSL.com](mailto:cinnaslab@EMSL.com)

EMSL Order:	041527953
CustomerID:	32SCOE63
CustomerPO:	
ProjectID:	

Attn: **Jason Stagno**  
**Stantec Consulting Services Inc**  
**290 Conejo Ridge Avenue**  
**Thousand Oaks, CA 91361**

Phone: (805) 230-1266  
 Fax:  
 Received: 09/16/15 12:50 PM  
 Analysis Date: 9/16/2015  
 Collected: 9/14/2015

Project: 2057123300 / Scholl Canyon Landfill, 7721 North Figueroa St., Los Angeles CA 90041 / Task M800-5S- ENV-5G

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
12B 041527953-0025	Compressor- N - Wrap- Gray- a/w Aluminum Pipe Wrap	Gray Fibrous Homogeneous	99%	Glass	1% Non-fibrous (other) <b>None Detected</b>
HA: 12					
12C 041527953-0026	Compressor- N - Wrap- Gray- a/w Aluminum Pipe Wrap	Gray Fibrous Homogeneous	99%	Glass	1% Non-fibrous (other) <b>None Detected</b>
HA: 12					
13A 041527953-0027	South Compressor - Sleeve- Beige- Fabric a/w Valves	Beige Fibrous Homogeneous	30%	Synthetic	70% Non-fibrous (other) <b>None Detected</b>
HA: 13					
14A-Shingle 041527953-0028	Roof- South - Roofing- Tan- Asphalt Shingle	Black Fibrous Homogeneous	10%	Glass	90% Non-fibrous (other) <b>None Detected</b>
HA: 14					
14A-Tar Paper 041527953-0028A	Roof- South - Roofing- Tan- Asphalt Shingle	Black Fibrous Homogeneous	40%	Cellulose	60% Non-fibrous (other) <b>None Detected</b>
HA: 14					
14B-Shingle 041527953-0029	Roof- North - Roofing- Tan- Asphalt Shingle	Black Fibrous Homogeneous	10%	Glass	90% Non-fibrous (other) <b>None Detected</b>
HA: 14					

Analyst(s)  
 Benjamin Verghese (15)  
 William Bradford (18)

  
 Benjamin Ellis, Laboratory Manager  
 or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%  
 Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367

Initial report from 09/17/2015 08:01:27

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com>[cinnaslab@EMSL.com](mailto:cinnaslab@EMSL.com)

EMSL Order:	041527953
CustomerID:	32SCOE63
CustomerPO:	
ProjectID:	

Attn: **Jason Stagno**  
**Stantec Consulting Services Inc**  
**290 Conejo Ridge Avenue**  
**Thousand Oaks, CA 91361**

Phone: (805) 230-1266  
 Fax:  
 Received: 09/16/15 12:50 PM  
 Analysis Date: 9/16/2015  
 Collected: 9/14/2015

Project: 2057123300 / Scholl Canyon Landfill, 7721 North Figueroa St., Los Angeles CA 90041 / Task M800-5S- ENV-5G

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
14B-Tar Paper 041527953-0029A	Roof- North - Roofing- Tan- Asphalt Shingle	Black Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (other)	None Detected
HA: 14					
14C-Shingle 041527953-0030	Roof- East - Roofing- Tan- Asphalt Shingle	Tan/Black Fibrous Homogeneous	10% Glass	90% Non-fibrous (other)	None Detected
HA: 14					
15A 041527953-0031	Condensate Equipment - Gasket- Black- 48' Diameter a/w Condensate Equipment	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
HA: 15					

Analyst(s)  
 Benjamin Verghese (15)  
 William Bradford (18)

Benjamin Ellis, Laboratory Manager  
 or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%  
 Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367

Initial report from 09/17/2015 08:01:27



EMSL ANALYTICAL, INC.  
LABORATORY - PRODUCTS - TRAINING

### Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

041527953

Cinnaminson, NJ 08077  
PHONE: 1-800-220-3675  
FAX: (856) 786-5974

<b>Company:</b> Stantec Consulting Services Inc		<b>EMSL-Bill to:</b> <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
<b>Street:</b> 290 Conejo Ridge Avenue		<i>Third Party Billing requires written authorization from third party</i>	
<b>City:</b> Thousand Oaks	<b>State/Province:</b> CA	<b>Zip/Postal Code:</b> 91361	<b>Country:</b> United States
<b>Report To (Name):</b> Jason Stagno		<b>Telephone #:</b> Cell# 805-630-8648	
<b>Email Address:</b> jason.stagno@stantec.com		<b>Fax #:</b>	<b>Purchase Order:</b>
<b>Project Name/Number:</b> 2057123300		<b>Please Provide Results:</b> <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Mail	
<b>U.S. State Samples Taken:</b> CA		<b>CT Samples:</b> <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

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

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

Check For Positive Stop - Clearly Identify Homogenous Group      **Date Sampled:** 9/14/15

**Samplers Name:** J. Stagno      **Samplers Signature:**

Sample #	HA #	Sample Location	Material Description
		See attached logs	

RECEIVED  
 EMSL  
 CINNAMINSON, NJ  
 2015 SEP 16 P 12:52

**Client Sample # (s):** 01A - 15A      **Total # of Samples:** 31

**Relinquished (Client):**      **Date:** 9/14/15      **Time:** 1610

**Received (Lab):**      **Date:** 9-16-15      **Time:** 1850P

**Comments/Special Instructions:**

32

































**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 786-5974

<http://www.EMSL.com>

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

EMSL Order:	201510948
CustomerID:	32SCOE63
CustomerPO:	
ProjectID:	

Attn: **Jason Stagno**  
**Stantec Consulting Services Inc**  
**290 Conejo Ridge Avenue**  
**Thousand Oaks, CA 91361**

Phone: (805) 230-1266  
Fax:  
Received: 09/16/15 12:50 PM  
Collected: 9/14/2015

Project: 2057123300, Task # M800-5S Env-5G / Scholl Canyon Landfill Power Project

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

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
P1	201510948-0001	9/14/2015	9/17/2015	<0.026 % wt
Site: Condensate Treatment Area Secondary Containment				
P2	201510948-0002	9/14/2015	9/17/2015	<0.010 % wt
Site: Condensate Processing Area Equipment				
P4	201510948-0004	9/14/2015	9/17/2015	<0.011 % wt
Site: Compressor Area				
P5	201510948-0005	9/14/2015	9/17/2015	<0.018 % wt
Site: Condensate Treatment Area Tank				

Julie Smith - Laboratory Director  
NJ-NELAP Accredited:03036  
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. Cinnaminson, NJ NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, AIHA-LAP, LLC ELLAP 100194, A2LA 2845.01

Initial report from 09/19/2015 08:11:16



# EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 786-5974

<http://www.EMSL.com>

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

EMSL Order:	201512364
CustomerID:	32SCOE63
CustomerPO:	
ProjectID:	

Attn: **Jason Stagno**  
**Stantec Consulting Services Inc**  
**290 Conejo Ridge Avenue**  
**Thousand Oaks, CA 91361**

Phone: (805) 230-1266  
 Fax:  
 Received: 10/23/15 9:50 AM  
 Collected:

Project: 2057123300

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

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
P3	201512364-0001		10/26/2015	0.097 % wt
Site: Small Compressor				
Desc: Metal / Poor / Gray				

Julie Smith - Laboratory Director  
 NJ-NELAP Accredited:03036  
 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. Cinnaminson, NJ NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, AIHA-LAP, LLC ELLAP 100194, A2LA 2845.01

Initial report from 10/27/2015 09:27:43



EMSL ANALYTICAL, INC.  
 LABORATORY PRODUCTS TRAINING

201512364  
**Lead (Pb) Chain of Custody**  
 EMSL Order ID (Lab Use Only):

201510948 C.D.  
 10/23/15

Cinnaminson, NJ 08077  
 PHONE: 1-800-220-3675  
 FAX: (856) 786-5974

Company: Stantec Consulting Services Inc		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same	
Street: 290 Conejo Ridge Avenue		If Bill to is Different note instructions in Comments**	
City: Thousand Oaks State/Province: CA		Third Party Billing requires written authorization from third party	
Report To (Name): Jason Stagno		Zip/Postal Code: 91361	Country: United States
Email Address: jason.stagno@stantec.com		Telephone #: Cell# 805-630-8648	
Project Name/Number: 2057123300		Fax #:	Purchase Order:
U.S. State Samples Taken: CA		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
		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 checked="" type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm <sup>2</sup> <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input 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* <span style="float: right;">ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/></span> <small>*If no box is checked, non-ASTM Wipe is assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 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"/>
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater <span style="float: right;">Unpreserved <input type="checkbox"/> Preserved with HNO<sub>3</sub> pH &lt; 2 <input type="checkbox"/></span>	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 <span style="float: right;">Unpreserved <input type="checkbox"/> Preserved with HNO<sub>3</sub> pH &lt; 2 <input type="checkbox"/></span>	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	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Name of Sampler: J. Stagno      Signature of Sampler: \_\_\_\_\_

Sample #	Location	Volume/Area	Date/Time Sampled
	See attached log		

Client Sample #'s: P1 - P5	Total # of Samples: 5
Relinquished (Client): <i>[Signature]</i>	Date: 9/14/15      Time: 1610
Received (Lab): <i>[Signature]</i> <i>[Signature]</i>	Date: 9-16-15      Time: 1250P
Comments: <i>Rec'd badge 10/23/15 9:50 Am FT</i>	



# Paint Chip Sample Log

201512364

201510948 C.O. 10/23/15

290 Conejo Ridge Avenue  
Thousand Oaks, CA 91361  
Tel: (805) 230-1266  
Fax: (805) 230-1277

Project Name: Scholl Canyon Landfill Power Project Site Name: Scholl Canyon Landfill Date: 9/14/15  
 M800-5S  
 Project #: 2057123300 Task #: Env-5G Site Address: 7721 North Figueroa Street Inspector: J. Stagno  
 : \_\_\_\_\_ Los Angeles, CA 90041 S. Edblad

Sample Number	Room	Component	Substrate	Sample Location*	Quantity Estimate	Notes/Condition/ Paint Color
1- P1	Ext	Secondary Containment	Concrete	Condensate Treatment Area Secondary Containment	200 SF	Poor / Yellow
2- P2	Ext	Process. Equip.	Metal	Condensate Processing Area Equipment	5,000 SF	Fair / Beige
3- * P3	Ext	Compressor	Metal	Small Compressor	25 SF	Poor / Gray
4- P4	Ext	Compressor Control Panel	Metal	Compressor Area	50 SF	Poor / Light Blue
5- P5	Ext	Condensate Tank	Metal	Condensate Treatment Area Tank	100 SF	Fair / White

\* - Include sample dimensions if trying to achieve mg/cm<sup>2</sup>.

Relinquished By: [Signature] Date: 9/14/15 Received By: [Signature] Date: 9/16/15 12:50  
 Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Received By: \_\_\_\_\_ Date: \_\_\_\_\_

P3 is insufficient (0.03g) cannot analyze sample requires 0.05g - emailed client 9/18/15, C.O.

\* received additional sample for P3 Page 1 of 1 10/23/15, C.O.

Page 3 of 3

OrderID: 201510948

Page 2 of 2

OrderID: 201512364



December 18, 2015

Ms. Godinez

**Reference: Pre-Demolition Asbestos and Lead-Based Paint Survey  
Scholl Canyon Landfill Gas Plant  
7721 N Figueroa Street, Los Angeles, CA  
Stantec Project no.: 2057123300**

# Attachment B

## Sample Location Map



Legend

- 01A ⊗ NON ASBESTOS-CONTAINING SAMPLE LOCATION
- P1 ● PAINT CHIP SAMPLE LOCATION

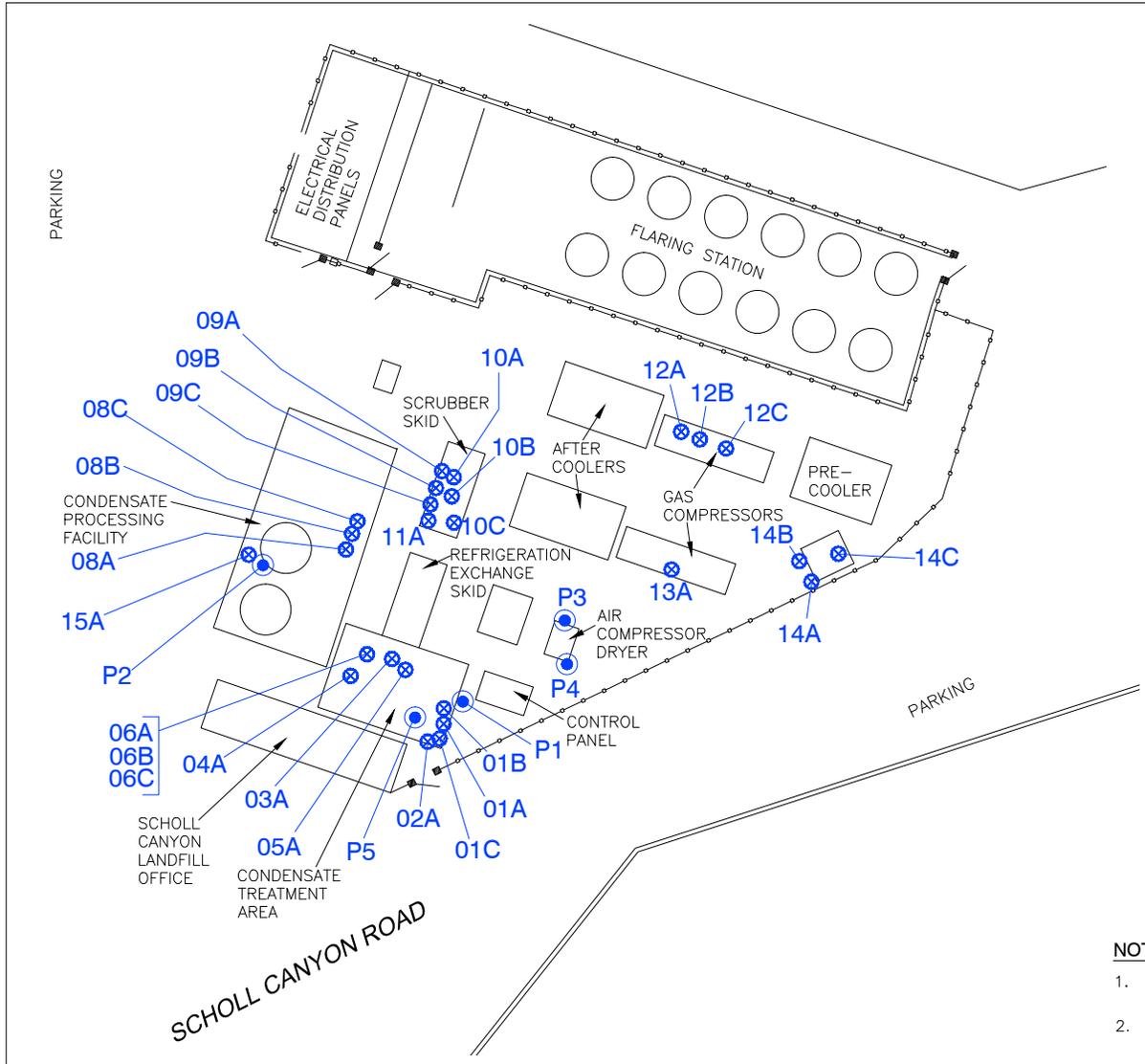
Note

SAMPLES COLLECTED ON SEPTEMBER 14, 2015.



NOTES:

1. MAP REFERENCE; GOOGLE EARTH PROFESSIONAL AERIAL IMAGE, 2015.
2. COORDINATE SYSTEM; NAD 83 CALIFORNIA STATE PLANES, ZONE V (FT.).



ORIGINAL SHEET - ANSI A

November, 2015  
2057123300



9179 Aero Drive  
San Diego, CA 92123  
www.stantec.com

Confidential - Attorney Client Privileged - Attorney Work Product

Client/Project  
Scholl Canyon Landfill Power Project  
7721 N Figueroa Street  
Los Angeles, CA 90041  
Figure No.  
1  
Title  
SAMPLE LOCATION MAP



December 18, 2015

Ms. Godinez

**Reference: Pre-Demolition Asbestos and Lead-Based Paint Survey  
Scholl Canyon Landfill Gas Plant  
7721 N Figueroa Street, Los Angeles, CA  
Stantec Project no.: 2057123300**

# **Attachment C Personnel Certifications and Laboratory Accreditations**

DEPARTMENT OF INDUSTRIAL RELATIONS

Division of Occupational Safety and Health

Asbestos Unit

2424 Arden Way, Suite 495

Sacramento, CA 95825-2417

(916) 574-2993 Office (916) 483-0572 Fax

<http://www.dir.ca.gov/dir/databases.html> [actu@dir.ca.gov](mailto:actu@dir.ca.gov)



209214949C

368

November 09, 2015

Jason J Stagno

Dear Certified Asbestos Consultant or Technician:

Enclosed is your certification card. **To maintain your certification, you must abide by the rules printed on the back of the certification card.**

Your certification is valid for a period of one year. If you wish to renew your certification, you must apply for renewal at least 60 days before the expiration date shown on your card. [8 CCR 341.15(h)(1)].

Please hold and do not send copies of your required AHERA refresher renewal certificates to our office until you apply for renewal of your certification.

Certificates must be kept current if you are actively working as a CAC or CSST. The grace period is only for those who are not actively working as an asbestos consultant or site surveillance technician.

Please contact our office at the above address, fax number or email; of any changes in your contact/mailling information within 15 days of the change.

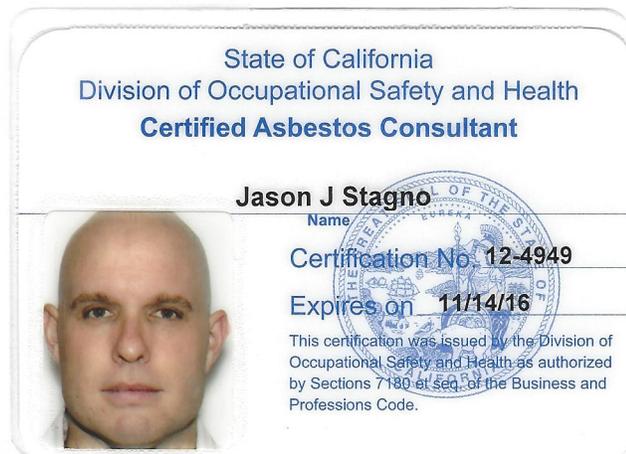
Sincerely,

Jeff Ferrell  
Senior Safety Engineer

Attachment: Certification Card

cc: File

Renewal – Card Attached (Revised 10/24/2012)



State of California Department of Public Health

Lead-Related  
Construction  
Certificate

Certificate  
Type

Expiration  
Date

Inspector/Assessor 07/31/2016



Jason J. Stagno

ID #: 19068

United States Department of Commerce  
National Institute of Standards and Technology



**Certificate of Accreditation to ISO/IEC 17025:2005**

NVLAP LAB CODE: 101048-0

**EMSL Analytical, Inc.**  
Cinnaminson, NJ

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

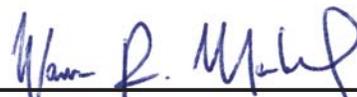
**Asbestos Fiber Analysis**

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality  
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2015-06-02 through 2016-06-30

*Effective Dates*



  
For the National Voluntary Laboratory Accreditation Program



**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005**

**EMSL Analytical, Inc.**

200 Route 130 North  
Cinnaminson, NJ 08077  
Mr. Ben Ellis  
Phone: 800-220-3675 Fax: 856-786-5973  
Email: bellis@emsl.com  
<http://www.emsl.com>

**ASBESTOS FIBER ANALYSIS**

**NVLAP LAB CODE 101048-0**

**Bulk Asbestos Analysis**

<u>Code</u>	<u>Description</u>
18/A01	EPA 600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

**Airborne Asbestos Analysis**

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

A handwritten signature in blue ink, appearing to read "James P. Murphy".

For the National Voluntary Laboratory Accreditation Program



## AIHA Laboratory Accreditation Programs, LLC

*acknowledges that*

### **EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Laboratory ID: 100194

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC accreditation to the ISO/IEC 17025:2005 international standard, *General Requirements for the Competence of Testing and Calibration Laboratories* in the following:

#### **LABORATORY ACCREDITATION PROGRAMS**

- |   |                                   |
|---|-----------------------------------|
| <input checked="" type="checkbox"/> <b>INDUSTRIAL HYGIENE</b>         | Accreditation Expires: 09/01/2016 |
| <input checked="" type="checkbox"/> <b>ENVIRONMENTAL LEAD</b>         | Accreditation Expires: 09/01/2016 |
| <input checked="" type="checkbox"/> <b>ENVIRONMENTAL MICROBIOLOGY</b> | Accreditation Expires: 09/01/2016 |
| <input type="checkbox"/> <b>FOOD</b>                                  | Accreditation Expires:            |
| <input type="checkbox"/> <b>UNIQUE SCOPES</b>                         | Accreditation Expires:            |

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached **Scope of Accreditation**. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2005 and AIHA-LAP, LLC requirements. This certificate is not valid without the attached **Scope of Accreditation**. Please review the AIHA-LAP, LLC website ([www.aihaaccreditedlabs.org](http://www.aihaaccreditedlabs.org)) for the most current Scope.

Gerald Schultz, CIH  
Chairperson, Analytical Accreditation Board

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

Revision 14: 03/26/2014

Date Issued: 10/31/2014



## AIHA Laboratory Accreditation Programs, LLC SCOPE OF ACCREDITATION

### **EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Laboratory ID: **100194**

Issue Date: 10/31/2014

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

The EPA recognizes the AIHA-LAP, LLC ELLAP program as meeting the requirements of the National Lead Laboratory Accreditation Program (NLLAP) established under Title X of the Residential Lead-Based Paint Hazard Reduction Act of 1992 and includes paint, soil and dust wipe analysis. Air analysis is not included as part of the NLLAP.

### **Environmental Lead Laboratory Accreditation Program (ELLAP)**

**Initial Accreditation Date: 01/18/1995**

Field of Testing (FoT)	Method	Method Description <i>(for internal methods only)</i>
<b>Paint</b>	EPA SW-846 3050B	
	EPA SW-846 7000B	
<b>Soil</b>	EPA SW-846 3050B	
	EPA SW-846 7000B	
<b>Settled Dust by Wipe</b>	EPA SW-846 3050B	
	EPA SW-846 7000B	
<b>Airborne Dust</b>	NIOSH 7082	

A complete listing of currently accredited Environmental Lead laboratories is available on the AIHA-LAP, LLC website at: <http://www.aihaaccreditedlabs.org>



CALIFORNIA

**Water Boards**

STATE WATER RESOURCES CONTROL BOARD  
REGIONAL WATER QUALITY CONTROL BOARDS

**Interim**



CALIFORNIA STATE

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

**CERTIFICATE OF ENVIRONMENTAL ACCREDITATION**

Is hereby granted to

**EMSL Analytical Inc.**

200 Route 130 North  
Cinnaminson, NJ 08077

Scope of the certificate is limited to the  
"Fields of Testing"  
which accompany this Certificate.

Continued accredited status depends on successful completion of on-site inspection,  
proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of  
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **1877**

Expiration Date: **3/31/2016**

Effective Date: **4/1/2015**

Christine Sotelo, Chief  
Environmental Laboratory Accreditation Program

Sacramento, California  
subject to forfeiture or revocation



CALIFORNIA  
Water Boards  
STATE WATER RESOURCES CONTROL BOARD  
REGIONAL WATER QUALITY CONTROL BOARDS

CALIFORNIA STATE  
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM  
Accredited Fields of Testing



**EMSL Analytical Inc.**

200 Route 130 North  
Cinnaminson, NJ 08077  
Phone: (800) 220-3675

Certificate No.: 1877  
Renew Date: 3/31/2016  
INTERIM

**Field of Testing: 102 - Inorganic Chemistry of Drinking Water**

102.030 001	Bromide	EPA 300.0
102.030 003	Chloride	EPA 300.0
102.030 005	Fluoride	EPA 300.0
102.030 006	Nitrate	EPA 300.0
102.030 007	Nitrite	EPA 300.0
102.030 008	Phosphate, Ortho	EPA 300.0
102.030 010	Sulfate	EPA 300.0
102.100 001	Alkalinity	SM2320B
102.130 001	Conductivity	SM2510B
102.140 001	Total Dissolved Solids	SM2540C
102.163 001	Chlorine, Free and Total	SM4500-Cl G
102.190 001	Cyanide, Total	SM4500-CN E
102.192 001	Cyanide, amenable	SM4500-CN G
102.270 001	Surfactants	SM5540C
102.520 001	Calcium	EPA 200.7
102.520 002	Magnesium	EPA 200.7
102.520 003	Potassium	EPA 200.7
102.520 004	Silica	EPA 200.7
102.520 005	Sodium	EPA 200.7
102.520 006	Hardness (calculation)	EPA 200.7

**Field of Testing: 103 - Toxic Chemical Elements of Drinking Water**

103.030 001	Mercury	SM3112B
103.060 001	Aluminum	SM3120B
103.060 003	Barium	SM3120B
103.060 007	Chromium	SM3120B
103.060 009	Iron	SM3120B
103.060 011	Manganese	SM3120B
103.060 015	Silver	SM3120B
103.060 017	Zinc	SM3120B
103.130 007	Chromium	EPA 200.7
103.130 008	Copper	EPA 200.7
103.130 009	Iron	EPA 200.7
103.130 011	Manganese	EPA 200.7
103.130 015	Silver	EPA 200.7
103.130 017	Zinc	EPA 200.7
103.140 001	Aluminum	EPA 200.8
103.140 002	Antimony	EPA 200.8
103.140 003	Arsenic	EPA 200.8

As of 6/26/2015, this list supersedes all previous lists for this certificate number.  
Customers: Please verify the current accreditation standing with the State.

103.140 004	Barium	EPA 200.8
103.140 005	Beryllium	EPA 200.8
103.140 006	Cadmium	EPA 200.8
103.140 007	Chromium	EPA 200.8
103.140 008	Copper	EPA 200.8
103.140 009	Lead	EPA 200.8
103.140 010	Manganese	EPA 200.8
103.140 012	Nickel	EPA 200.8
103.140 013	Selenium	EPA 200.8
103.140 014	Silver	EPA 200.8
103.140 015	Thallium	EPA 200.8
103.140 016	Zinc	EPA 200.8
103.150 009	Lead	EPA 200.9
103.160 001	Mercury	EPA 245.1
103.300 001	Asbestos	EPA 100.1
103.301 001	Asbestos	EPA 100.2

---

**Field of Testing: 104 - Volatile Organic Chemistry of Drinking Water**


---

104.040 000	Volatile Organic Compounds	EPA 524.2
104.040 001	Benzene	EPA 524.2
104.040 007	n-Butylbenzene	EPA 524.2
104.040 008	sec-Butylbenzene	EPA 524.2
104.040 009	tert-Butylbenzene	EPA 524.2
104.040 010	Carbon Tetrachloride	EPA 524.2
104.040 011	Chlorobenzene	EPA 524.2
104.040 015	2-Chlorotoluene	EPA 524.2
104.040 016	4-Chlorotoluene	EPA 524.2
104.040 019	1,3-Dichlorobenzene	EPA 524.2
104.040 020	1,2-Dichlorobenzene	EPA 524.2
104.040 021	1,4-Dichlorobenzene	EPA 524.2
104.040 022	Dichlorodifluoromethane	EPA 524.2
104.040 023	1,1-Dichloroethane	EPA 524.2
104.040 024	1,2-Dichloroethane	EPA 524.2
104.040 025	1,1-Dichloroethene	EPA 524.2
104.040 026	cis-1,2-Dichloroethene	EPA 524.2
104.040 027	trans-1,2-Dichloroethene	EPA 524.2
104.040 028	Dichloromethane	EPA 524.2
104.040 029	1,2-Dichloropropane	EPA 524.2
104.040 033	cis-1,3-Dichloropropene	EPA 524.2
104.040 034	trans-1,3-Dichloropropene	EPA 524.2
104.040 035	Ethylbenzene	EPA 524.2
104.040 037	Isopropylbenzene	EPA 524.2
104.040 039	Naphthalene	EPA 524.2
104.040 041	N-propylbenzene	EPA 524.2
104.040 042	Styrene	EPA 524.2
104.040 044	1,1,2,2-Tetrachloroethane	EPA 524.2
104.040 045	Tetrachloroethene	EPA 524.2
104.040 046	Toluene	EPA 524.2

As of 6/26/2015, this list supersedes all previous lists for this certificate number.  
 Customers: Please verify the current accreditation standing with the State.

104.040	048	1,2,4-Trichlorobenzene	EPA 524.2
104.040	049	1,1,1-Trichloroethane	EPA 524.2
104.040	050	1,1,2-Trichloroethane	EPA 524.2
104.040	051	Trichloroethene	EPA 524.2
104.040	052	Trichlorofluoromethane	EPA 524.2
104.040	054	1,2,4-Trimethylbenzene	EPA 524.2
104.040	055	1,3,5-Trimethylbenzene	EPA 524.2
104.040	056	Vinyl Chloride	EPA 524.2
104.040	057	Xylenes, Total	EPA 524.2
104.045	001	Bromodichloromethane	EPA 524.2
104.045	002	Bromoform	EPA 524.2
104.045	003	Chloroform	EPA 524.2
104.045	004	Dibromochloromethane	EPA 524.2
104.045	005	Trihalomethanes	EPA 524.2
104.050	002	Methyl tert-butyl Ether (MTBE)	EPA 524.2
104.050	007	tert-Butyl Alcohol (TBA)	EPA 524.2
104.050	008	Carbon Disulfide	EPA 524.2
104.050	009	Methyl Isobutyl Ketone	EPA 524.2

**Field of Testing: 109 - Toxic Chemical Elements of Wastewater**

109.010	001	Aluminum	EPA 200.7
109.010	002	Antimony	EPA 200.7
109.010	003	Arsenic	EPA 200.7
109.010	004	Barium	EPA 200.7
109.010	005	Beryllium	EPA 200.7
109.010	007	Cadmium	EPA 200.7
109.010	009	Chromium	EPA 200.7
109.010	010	Cobalt	EPA 200.7
109.010	011	Copper	EPA 200.7
109.010	012	Iron	EPA 200.7
109.010	013	Lead	EPA 200.7
109.010	015	Manganese	EPA 200.7
109.010	016	Molybdenum	EPA 200.7
109.010	017	Nickel	EPA 200.7
109.010	019	Selenium	EPA 200.7
109.010	021	Silver	EPA 200.7
109.010	023	Thallium	EPA 200.7
109.010	024	Tin	EPA 200.7
109.010	026	Vanadium	EPA 200.7
109.010	027	Zinc	EPA 200.7
109.020	001	Aluminum	EPA 200.8
109.020	002	Antimony	EPA 200.8
109.020	003	Arsenic	EPA 200.8
109.020	004	Barium	EPA 200.8
109.020	005	Beryllium	EPA 200.8
109.020	006	Cadmium	EPA 200.8
109.020	007	Chromium	EPA 200.8
109.020	008	Cobalt	EPA 200.8

As of 6/26/2015, this list supersedes all previous lists for this certificate number.  
Customers: Please verify the current accreditation standing with the State.

109.020	009	Copper	EPA 200.8
109.020	010	Lead	EPA 200.8
109.020	011	Manganese	EPA 200.8
109.020	012	Molybdenum	EPA 200.8
109.020	013	Nickel	EPA 200.8
109.020	014	Selenium	EPA 200.8
109.020	015	Silver	EPA 200.8
109.020	016	Thallium	EPA 200.8
109.020	017	Vanadium	EPA 200.8
109.020	018	Zinc	EPA 200.8
109.020	021	Iron	EPA 200.8
109.020	022	Tin	EPA 200.8
109.020	023	Titanium	EPA 200.8
109.025	010	Lead	EPA 200.9
109.190	001	Mercury	EPA 245.1
109.370	007	Gold	SM3111B
109.370	010	Lead	SM3111B
109.370	014	Palladium	SM3111B
109.370	015	Platinum	SM3111B
109.400	001	Mercury	SM3112B
109.430	001	Aluminum	SM3120B
109.430	002	Antimony	SM3120B
109.430	005	Beryllium	SM3120B
109.430	007	Cadmium	SM3120B
109.430	009	Chromium	SM3120B
109.430	010	Cobalt	SM3120B
109.430	011	Copper	SM3120B
109.430	012	Iron	SM3120B
109.430	013	Lead	SM3120B
109.430	015	Manganese	SM3120B
109.430	016	Molybdenum	SM3120B
109.430	017	Nickel	SM3120B
109.430	019	Selenium	SM3120B
109.430	021	Silver	SM3120B
109.430	024	Vanadium	SM3120B
109.430	025	Zinc	SM3120B
109.811	001	Chromium (VI)	SM3500-Cr D (18th/19th)

**Field of Testing: 114 - Inorganic Chemistry of Hazardous Waste**

114.010	001	Antimony	EPA 6010B
114.010	002	Arsenic	EPA 6010B
114.010	003	Barium	EPA 6010B
114.010	004	Beryllium	EPA 6010B
114.010	005	Cadmium	EPA 6010B
114.010	006	Chromium	EPA 6010B
114.010	007	Cobalt	EPA 6010B
114.010	008	Copper	EPA 6010B
114.010	009	Lead	EPA 6010B

As of 6/26/2015, this list supersedes all previous lists for this certificate number.  
 Customers: Please verify the current accreditation standing with the State.

114.010	010	Molybdenum	EPA 6010B
114.010	011	Nickel	EPA 6010B
114.010	012	Selenium	EPA 6010B
114.010	013	Silver	EPA 6010B
114.010	014	Thallium	EPA 6010B
114.010	015	Vanadium	EPA 6010B
114.010	016	Zinc	EPA 6010B
114.020	001	Antimony	EPA 6020
114.020	002	Arsenic	EPA 6020
114.020	003	Barium	EPA 6020
114.020	004	Beryllium	EPA 6020
114.020	005	Cadmium	EPA 6020
114.020	006	Chromium	EPA 6020
114.020	007	Cobalt	EPA 6020
114.020	008	Copper	EPA 6020
114.020	009	Lead	EPA 6020
114.020	010	Molybdenum	EPA 6020
114.020	011	Nickel	EPA 6020
114.020	012	Selenium	EPA 6020
114.020	013	Silver	EPA 6020
114.020	014	Thallium	EPA 6020
114.020	015	Vanadium	EPA 6020
114.020	016	Zinc	EPA 6020
114.103	001	Chromium (VI)	EPA 7196A
114.130	001	Lead	EPA 7420
114.131	001	Lead	EPA 7421
114.140	001	Mercury	EPA 7470A
114.141	001	Mercury	EPA 7471A

**Field of Testing: 115 - Extraction Test of Hazardous Waste**

115.020	001	Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311
115.030	001	Waste Extraction Test (WET)	CCR Chapter11, Article 5, Appendix II

**Field of Testing: 116 - Volatile Organic Chemistry of Hazardous Waste**

116.010	000	EDB and DBCP	EPA 8011
116.020	030	Nonhalogenated Volatiles	EPA 8015B
116.020	031	Ethanol and Methanol	EPA 8015B
116.030	001	Gasoline-range Organics	EPA 8015B
116.080	000	Volatile Organic Compounds	EPA 8260B
116.080	120	Oxygenates	EPA 8260B

**Field of Testing: 117 - Semi-volatile Organic Chemistry of Hazardous Waste**

117.010	001	Diesel-range Total Petroleum Hydrocarbons	EPA 8015B
117.110	000	Extractable Organics	EPA 8270C
117.210	000	Pesticides & PCBs	EPA 8081A
117.220	000	PCBs	EPA 8082
117.250	000	Chlorinated Herbicides	EPA 8151A

**Field of Testing: 121 - Bulk Asbestos Analysis of Hazardous Waste**

121.010	001	Bulk Asbestos	EPA 600/M4-82-020
---------	-----	---------------	-------------------

As of 6/26/2015, this list supersedes all previous lists for this certificate number.  
 Customers: Please verify the current accreditation standing with the State.





December 18, 2015

Ms. Godinez

**Reference: Pre-Demolition Asbestos and Lead-Based Paint Survey  
Scholl Canyon Landfill Gas Plant  
7721 N Figueroa Street, Los Angeles, CA  
Stantec Project no.: 2057123300**

# Attachment D

## Photographic Log



December 18, 2015

Ms. Godinez

**Reference: Pre-Demolition Asbestos and Lead-Based Paint Survey  
Scholl Canyon Landfill Gas Plant  
7721 N Figueroa Street, Los Angeles, CA  
Stantec Project no.: 2057123300**

**PHOTO No. 1, September 14, 2015**



View of tanks at condensate treatment area.

**PHOTO No. 2, September 14, 2015**



View of refrigeration exchange skid.



December 18, 2015

Ms. Godinez

**Reference: Pre-Demolition Asbestos and Lead-Based Paint Survey  
Scholl Canyon Landfill Gas Plant  
7721 N Figueroa Street, Los Angeles, CA  
Stantec Project no.: 2057123300**

**PHOTO No. 3, September 14, 2015**



View of scrubber skid.

**PHOTO No. 4, September 14, 2015**



View of north gas compressor.



December 18, 2015

Ms. Godinez

**Reference: Pre-Demolition Asbestos and Lead-Based Paint Survey  
Scholl Canyon Landfill Gas Plant  
7721 N Figueroa Street, Los Angeles, CA  
Stantec Project no.: 2057123300**

**PHOTO No. 5, September 14, 2015**



View of air compressors.

**PHOTO No. 6, September 14, 2015**



View of air compressor panel.



December 18, 2015

Ms. Godinez

**Reference: Pre-Demolition Asbestos and Lead-Based Paint Survey  
Scholl Canyon Landfill Gas Plant  
7721 N Figueroa Street, Los Angeles, CA  
Stantec Project no.: 2057123300**

# **Attachment E CDPH Form 8552**

## LEAD HAZARD EVALUATION REPORT

**Section 1 – Date of Lead Hazard Evaluation** September 14, 2015

**Section 2 – Type of Lead Hazard Evaluation (Check one box only)**

Lead Inspection   
  Risk assessment   
  Clearance Inspection   
  Other (specify) Paint Chip Samples

**Section 3 – Structure Where Lead Hazard Evaluation Was Conducted**

Address [number, street, apartment (if applicable)] <b>7721 N Figueroa Street</b>		City <b>Los Angeles</b>	County <b>Los Angeles</b>	Zip Code <b>90014</b>
Construction date (year) of structure <b>Unknown</b>	Type of structure <input type="checkbox"/> Multi-unit building <input type="checkbox"/> School or daycare <input type="checkbox"/> Single family dwelling <input checked="" type="checkbox"/> Other <u>Landfill Gas Processing &amp; Treatment</u>		Children living in structure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't Know	

**Section 4 – Owner of Structure (if business/agency, list contact person)**

Name <b>City of Glendale Water &amp; Power</b>		Telephone number <b>(818) 548-3300</b>		
Address [number, street, apartment (if applicable)] <b>141 N Glendale Avenue</b>		City <b>Glendale</b>	State <b>California</b>	Zip Code <b>91206</b>

**Section 5 – Results of Lead Hazard Evaluation (check all that apply)**

No lead-based paint detected   
  Intact lead-based paint detected   
  Deteriorated lead-based paint detected  
 No lead hazards detected   
  Lead-contaminated dust found   
  Lead-contaminated soil found   
  Other \_\_\_\_\_

**Section 6 – Individual Conducting Lead Hazard Evaluation**

Name <b>Jason Stagno</b>		Telephone number <b>(805) 719-9392</b>		
Address [number, street, apartment (if applicable)] <b>290 Conejo Ridge Avenue</b>		City <b>Thousand Oaks</b>	State <b>California</b>	Zip Code <b>91361</b>
CDPH certification number <b>19068</b>	Signature 			Date <b>12/14/15</b>

Name and CDPH certification number of any other individuals conducting sampling or testing (if applicable)

\_\_\_\_\_

**Section 7 – Attachments**

- A. A foundation diagram or sketch of the structure indicating the specific locations of each lead hazard or presence of lead-based paint;
- B. Each testing method, device, and sampling procedure used;
- C. All data collected, including quality control data, laboratory results, including laboratory name, address, and phone number.

First copy and attachments retained by inspector  
 Second copy and attachments retained by owner

Third copy only (no attachments) mailed or faxed to:  
 California Department of Public Health  
 Childhood Lead Poisoning Prevention Branch Reports  
 850 Marina Bay Parkway, Building P, Third Floor  
 Richmond, CA 94804-6403  
 Fax: (510) 620-5656