

**BIOGAS RENEWABLE GENERATION PROJECT  
FINAL INITIAL STUDY / MITIGATED NEGATIVE DECLARATION**

Appendix G Pre-Demolition Asbestos and Lead-Based Paint Survey  
March 9, 2018

**Appendix G 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.



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Ms. Godinez

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**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



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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



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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



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**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



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(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.



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#### 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.



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Ms. Godinez  
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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 041527953-0001	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 041527953-0002	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 041527953-0003	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 041527953-0004	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: **Jason Stagno** Phone: (805) 230-1266  
**Stantec Consulting Services Inc** Fax:  
**290 Conejo Ridge Avenue** Received: 09/16/15 12:50 PM  
**Thousand Oaks, CA 91361** 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

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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



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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
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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
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

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



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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

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 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** Phone: (805) 230-1266  
**Stantec Consulting Services Inc** Fax:  
**290 Conejo Ridge Avenue** Received: 09/16/15 12:50 PM  
**Thousand Oaks, CA 91361** 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

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 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
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

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 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)

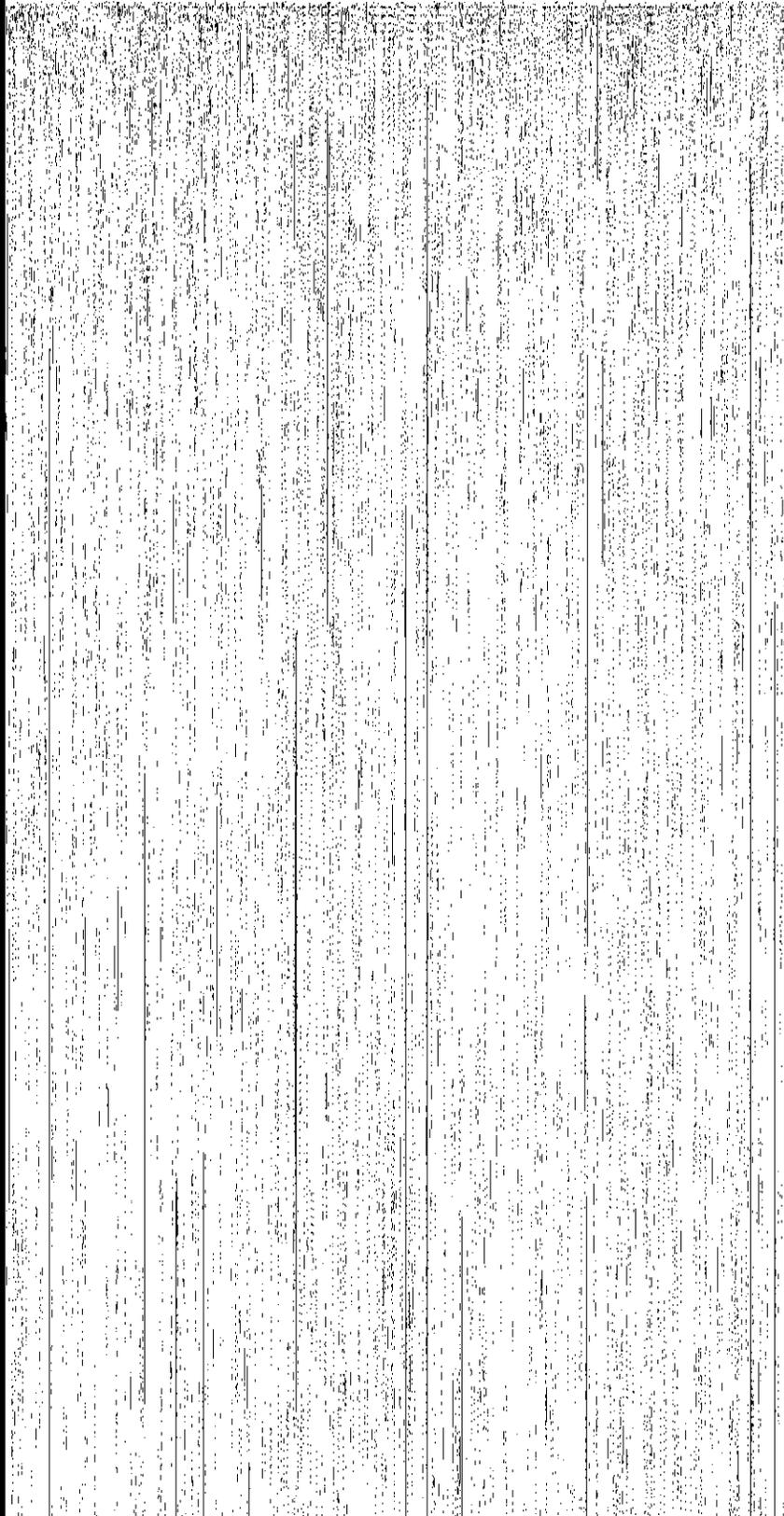
  
Benjamin Ellis, Laboratory Manager  
or other approved signatory

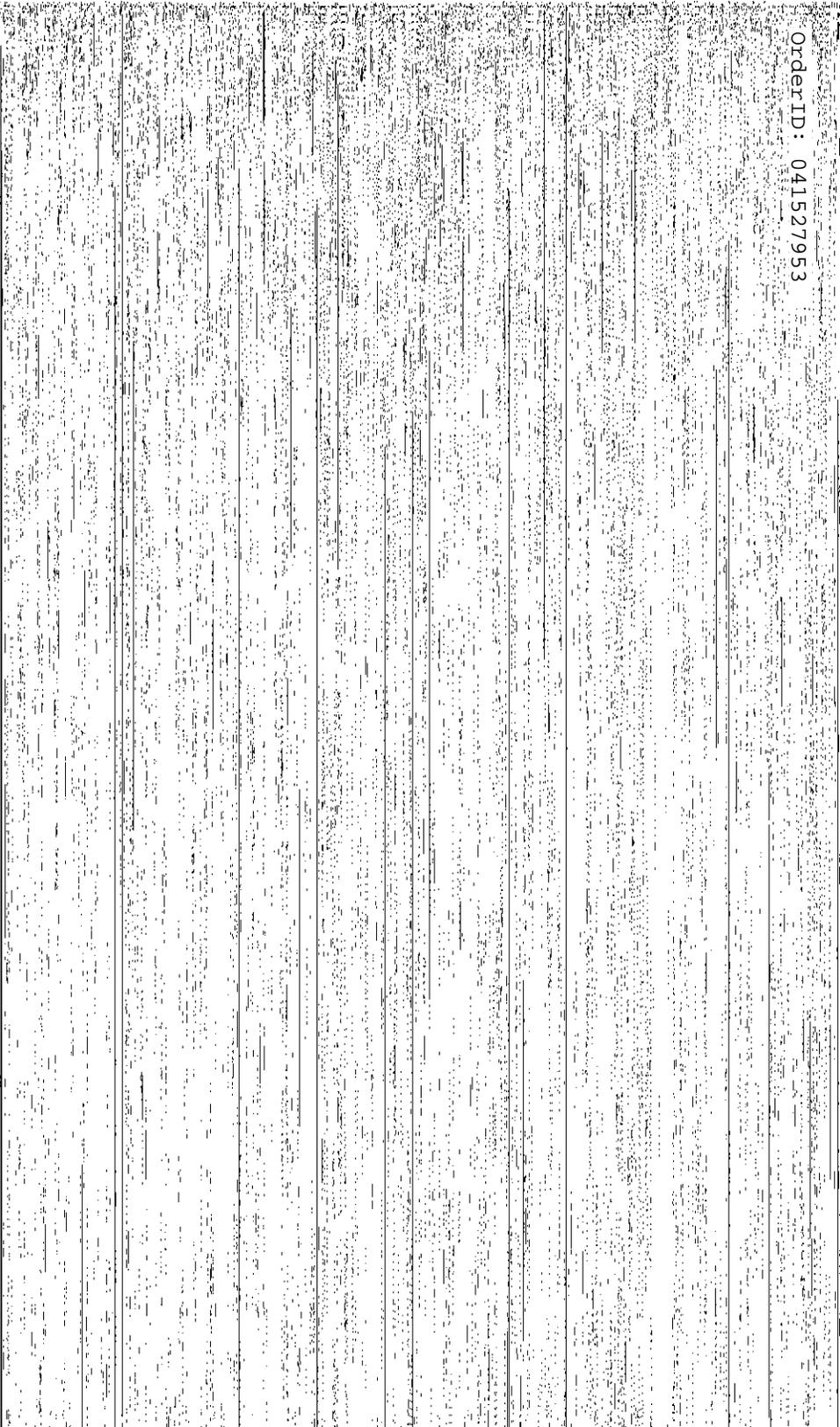
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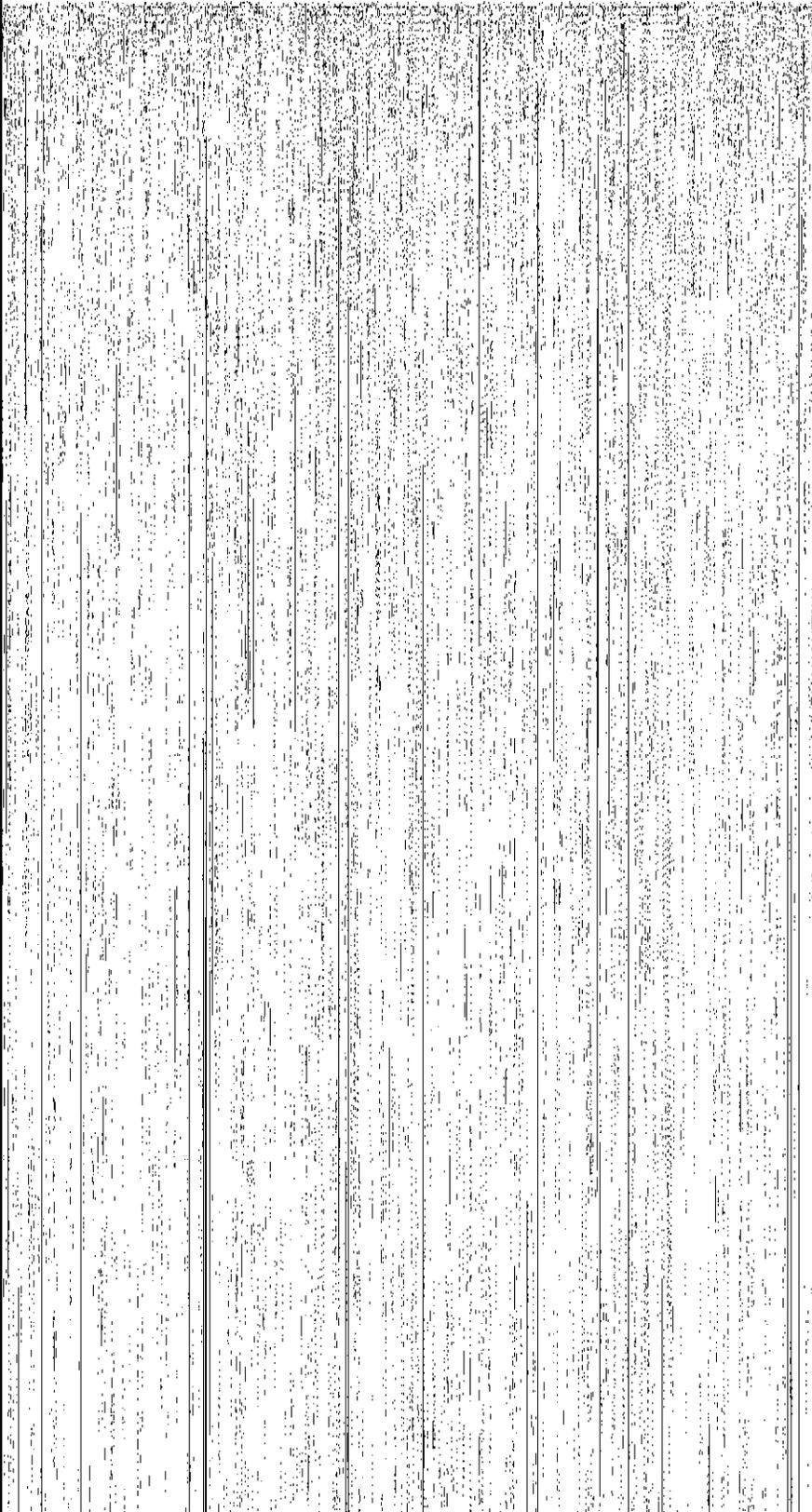
Initial report from 09/17/2015 08:01:27

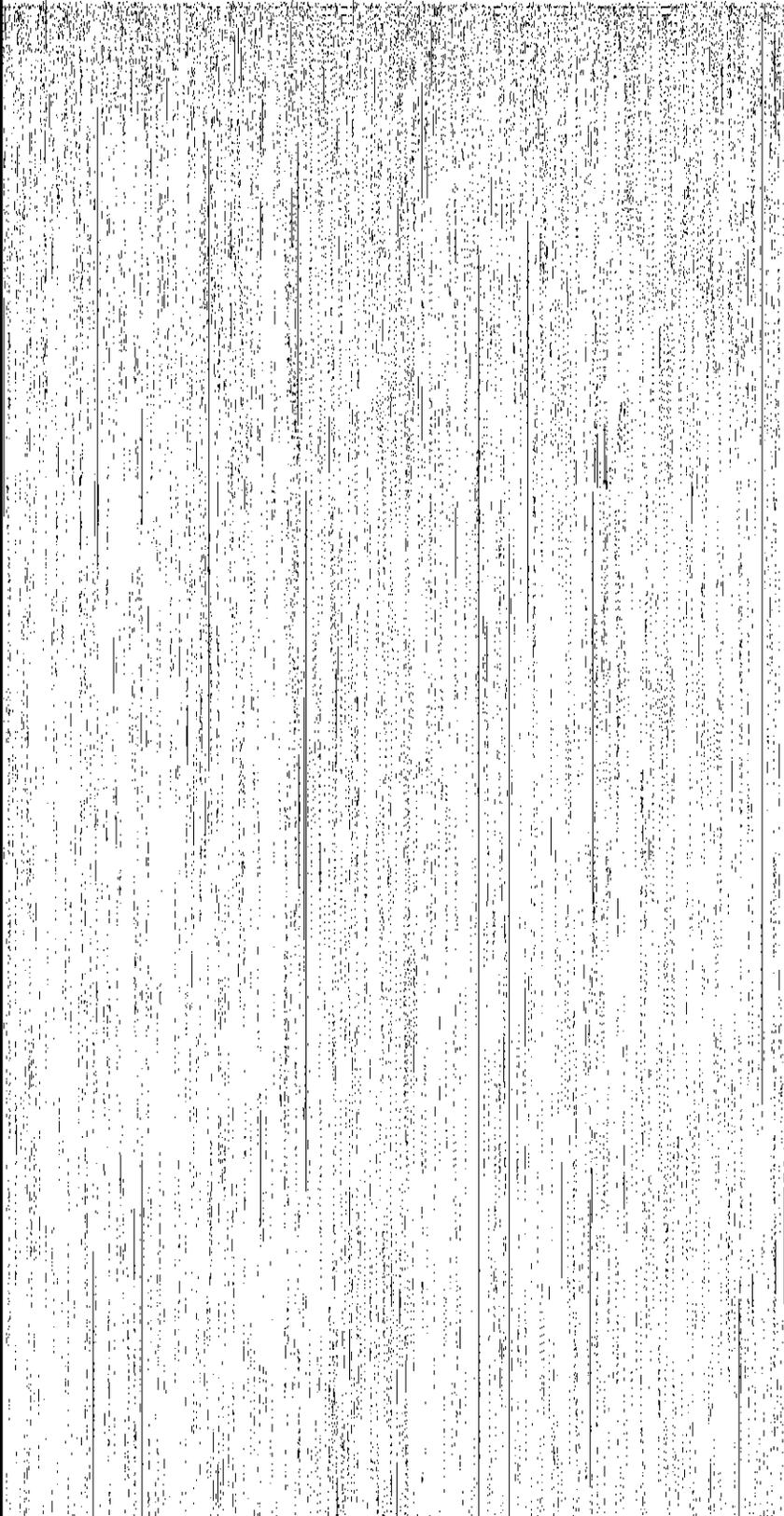


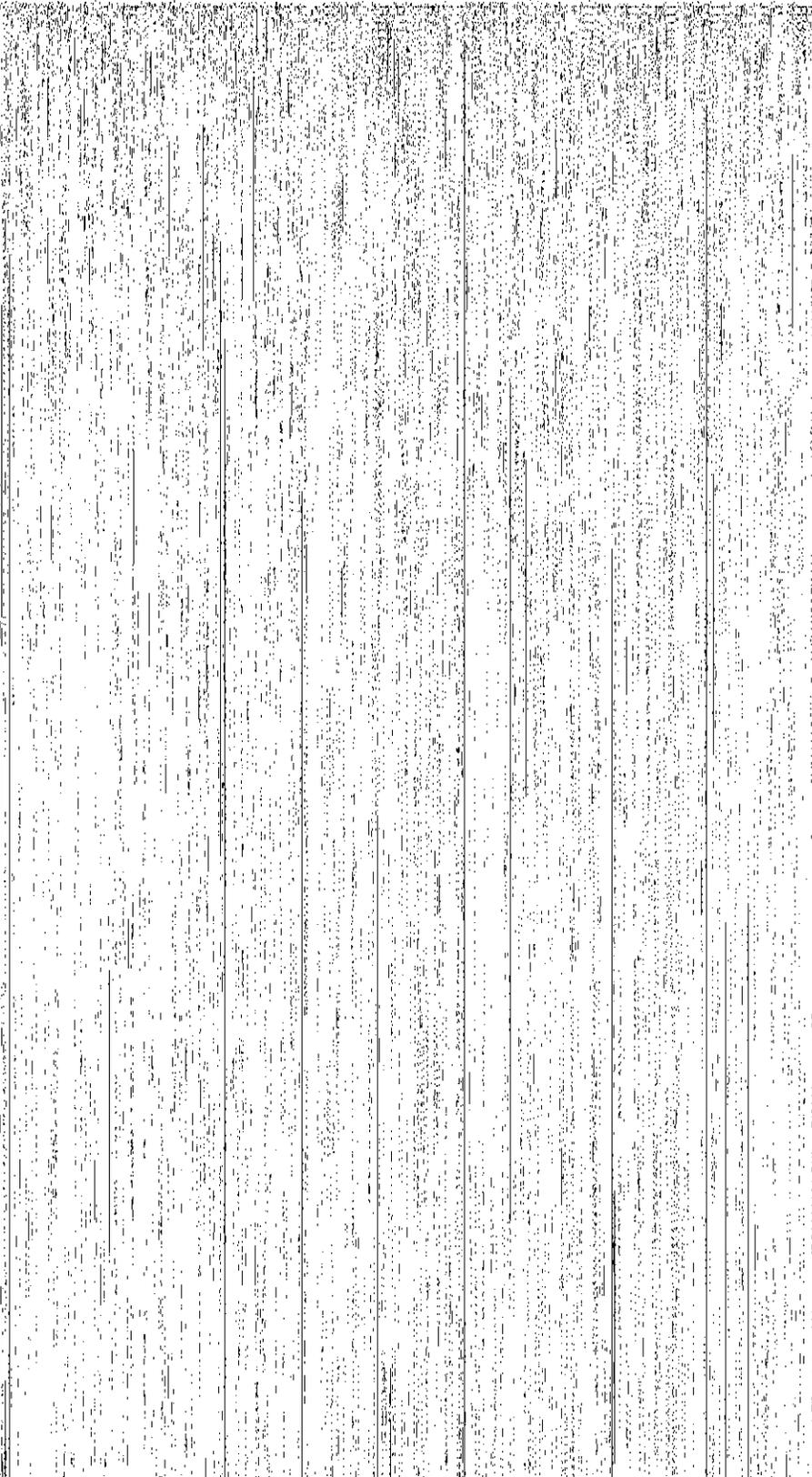


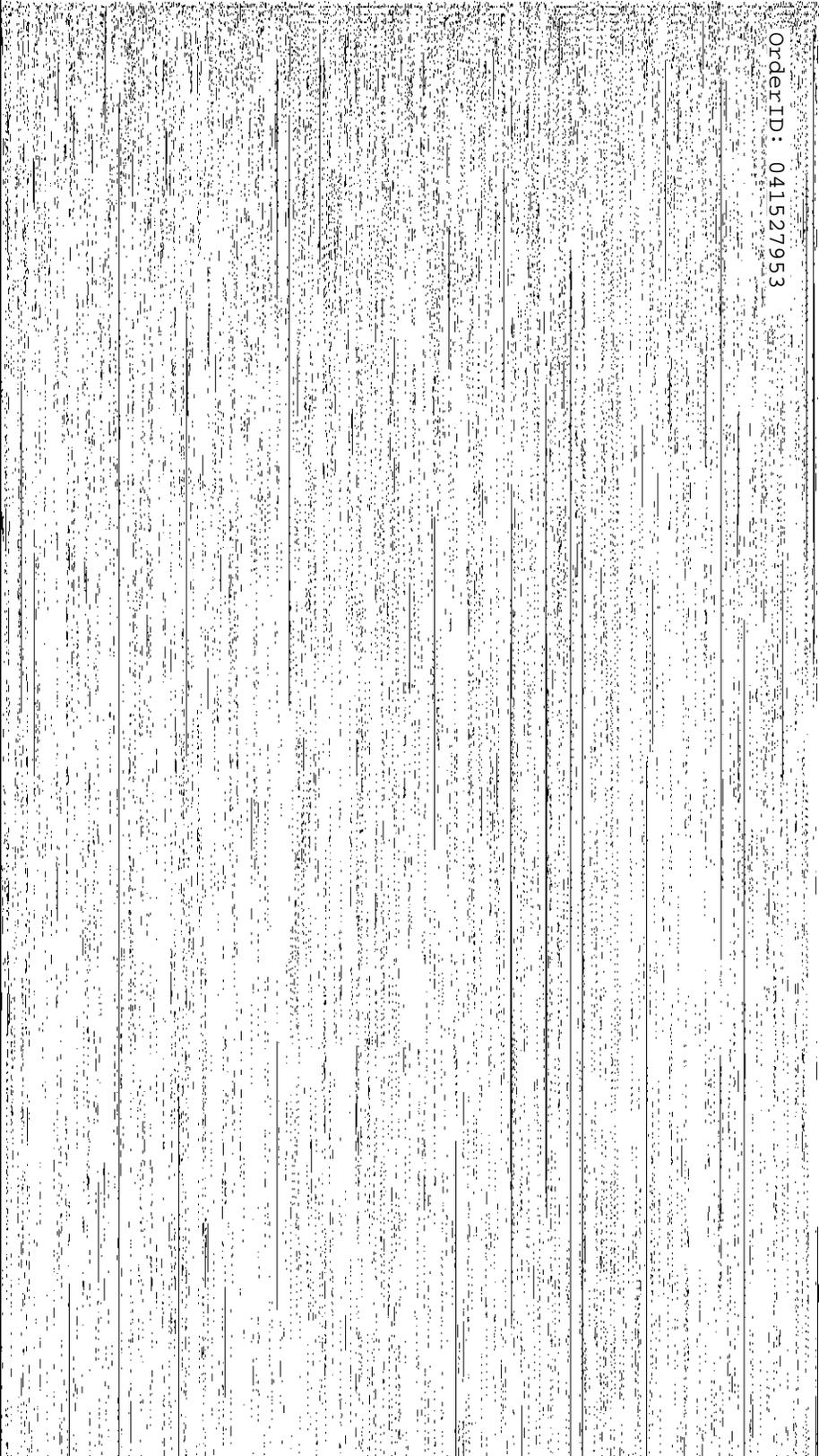


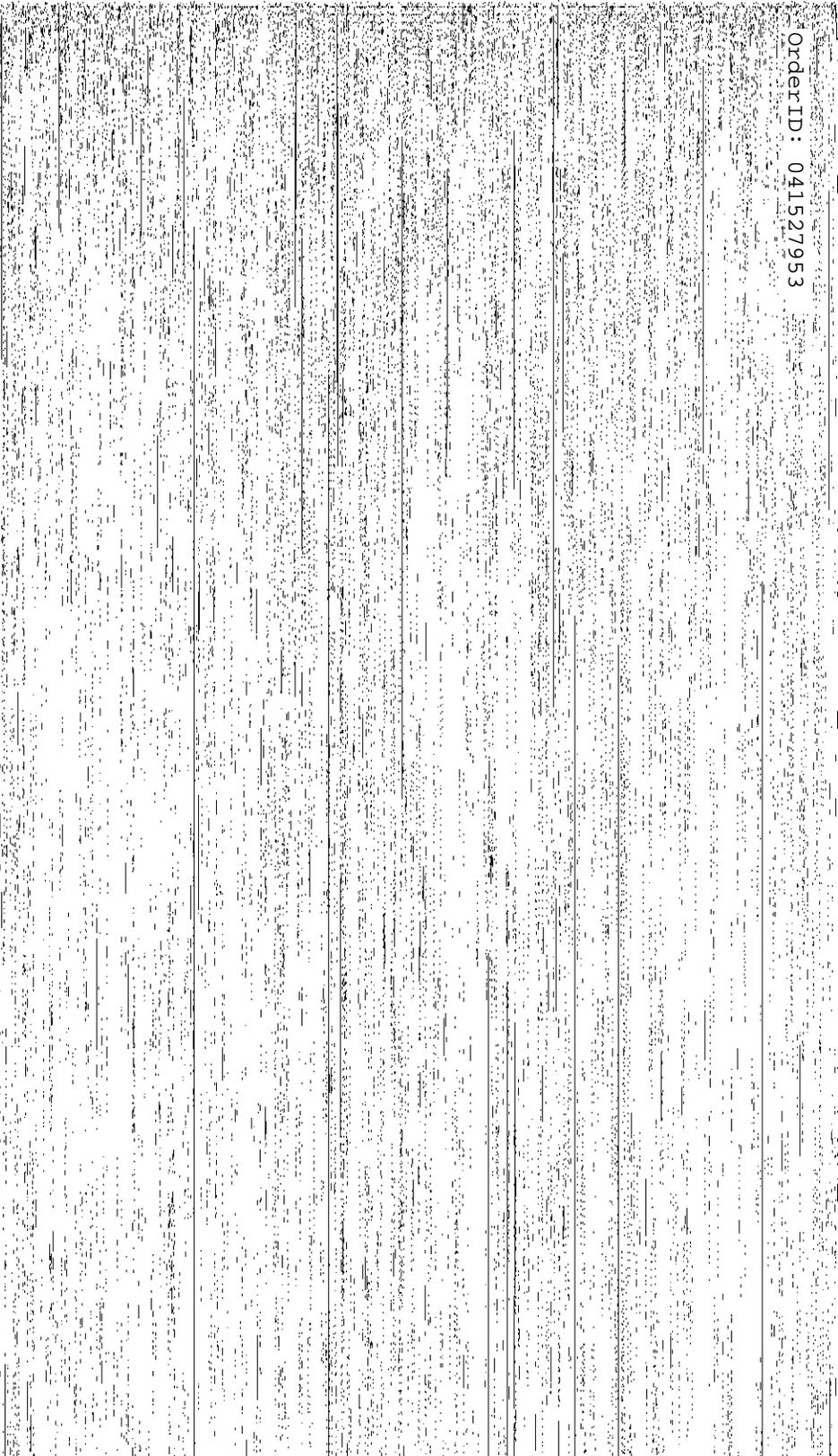


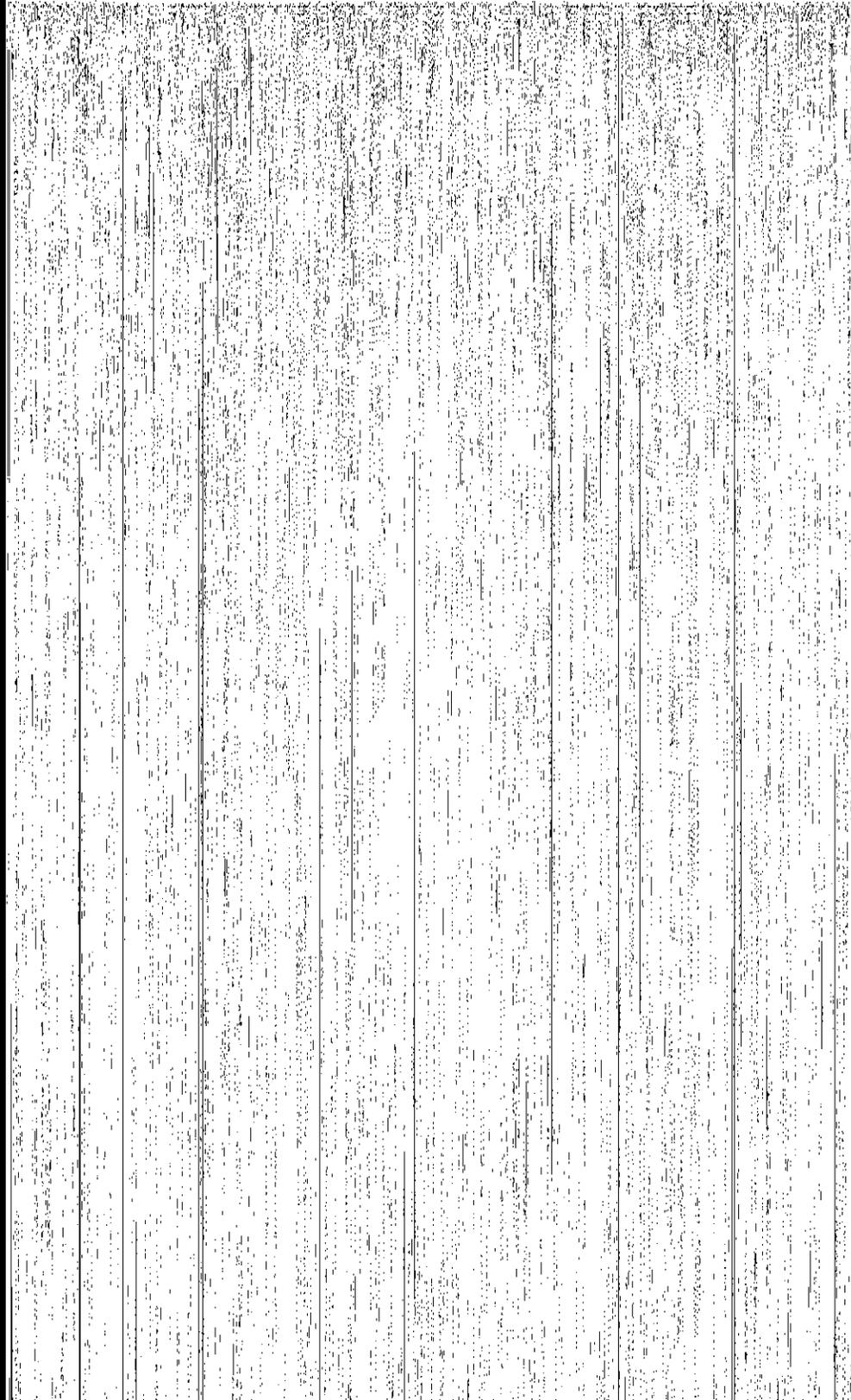


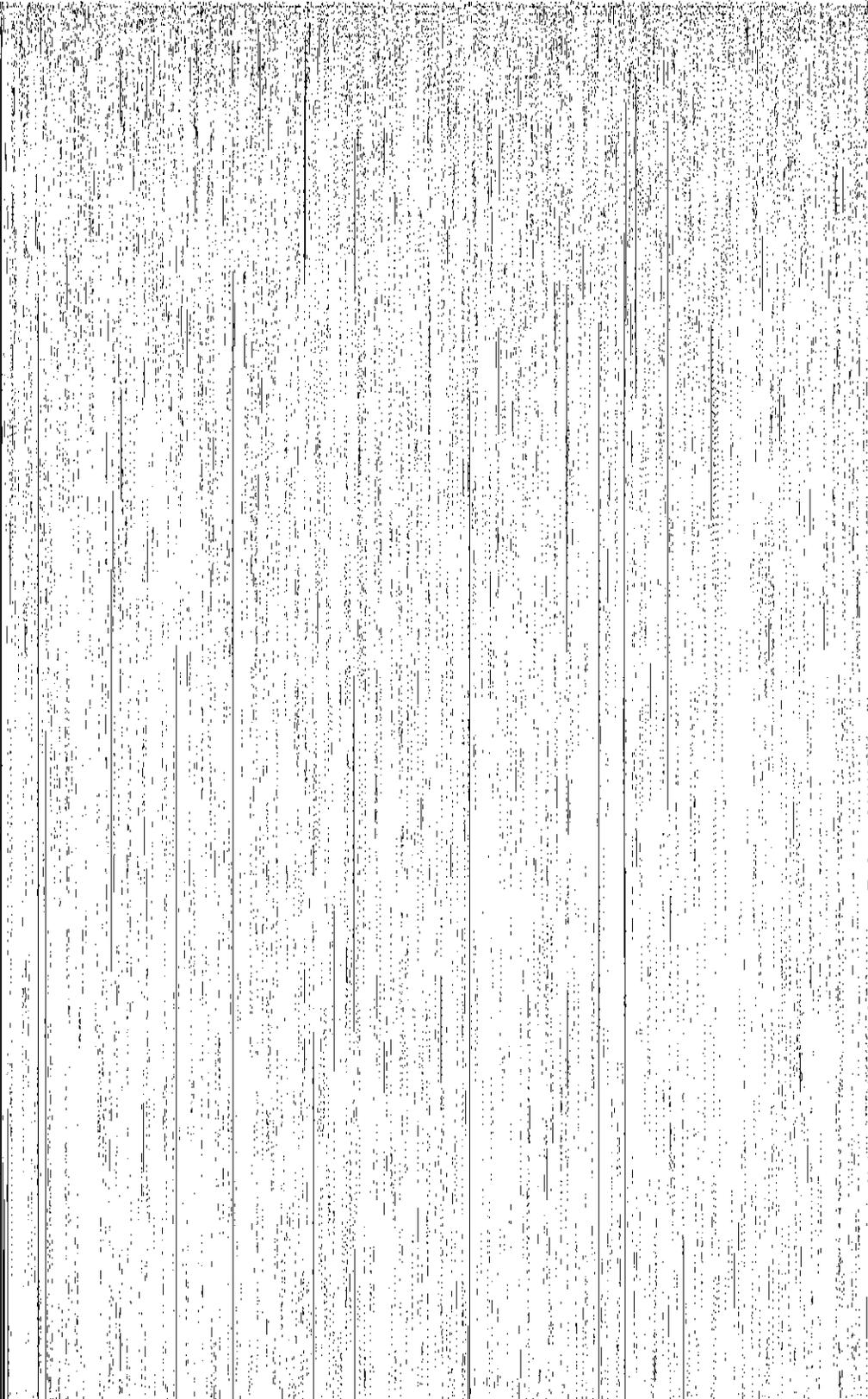




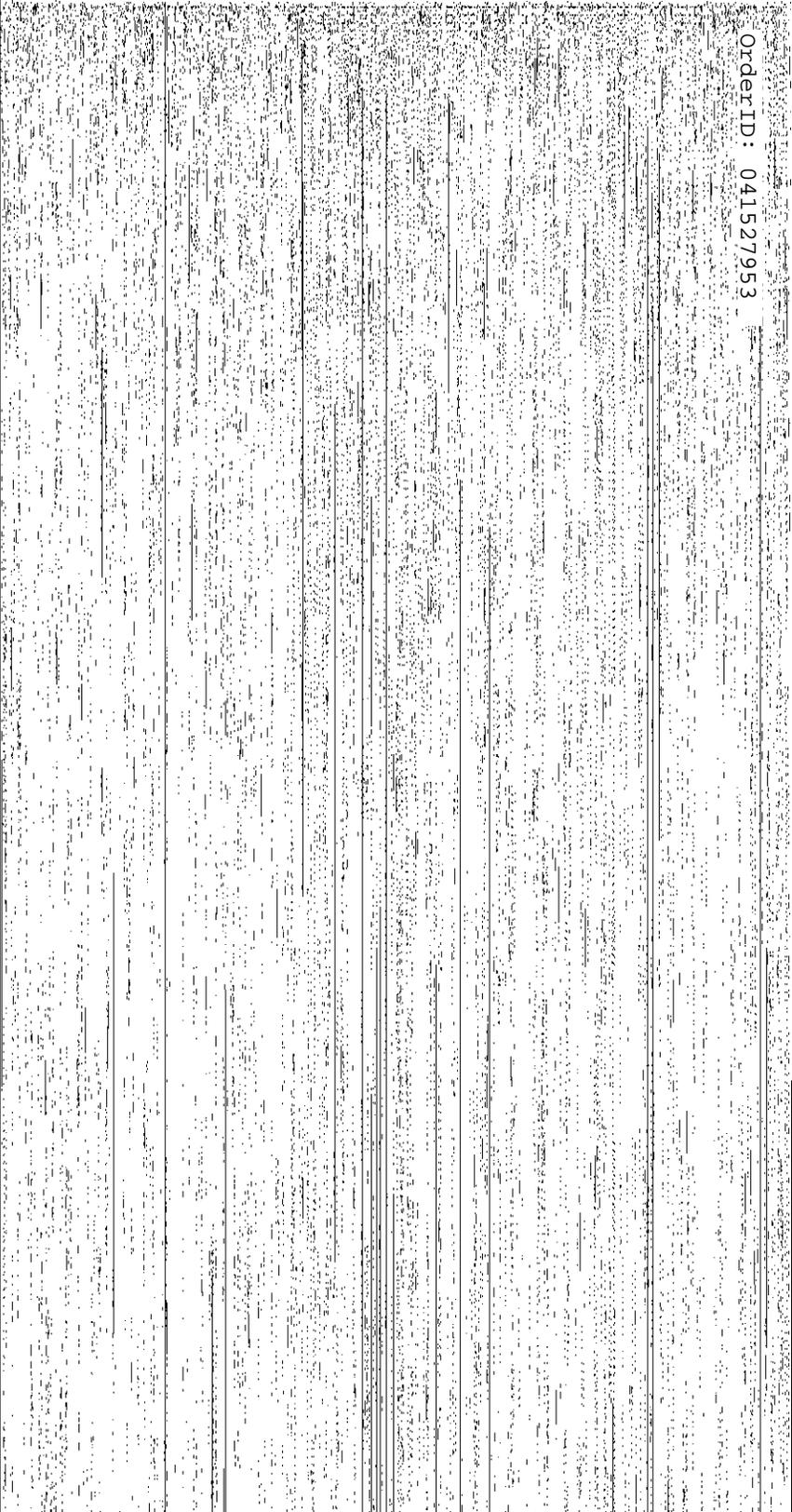


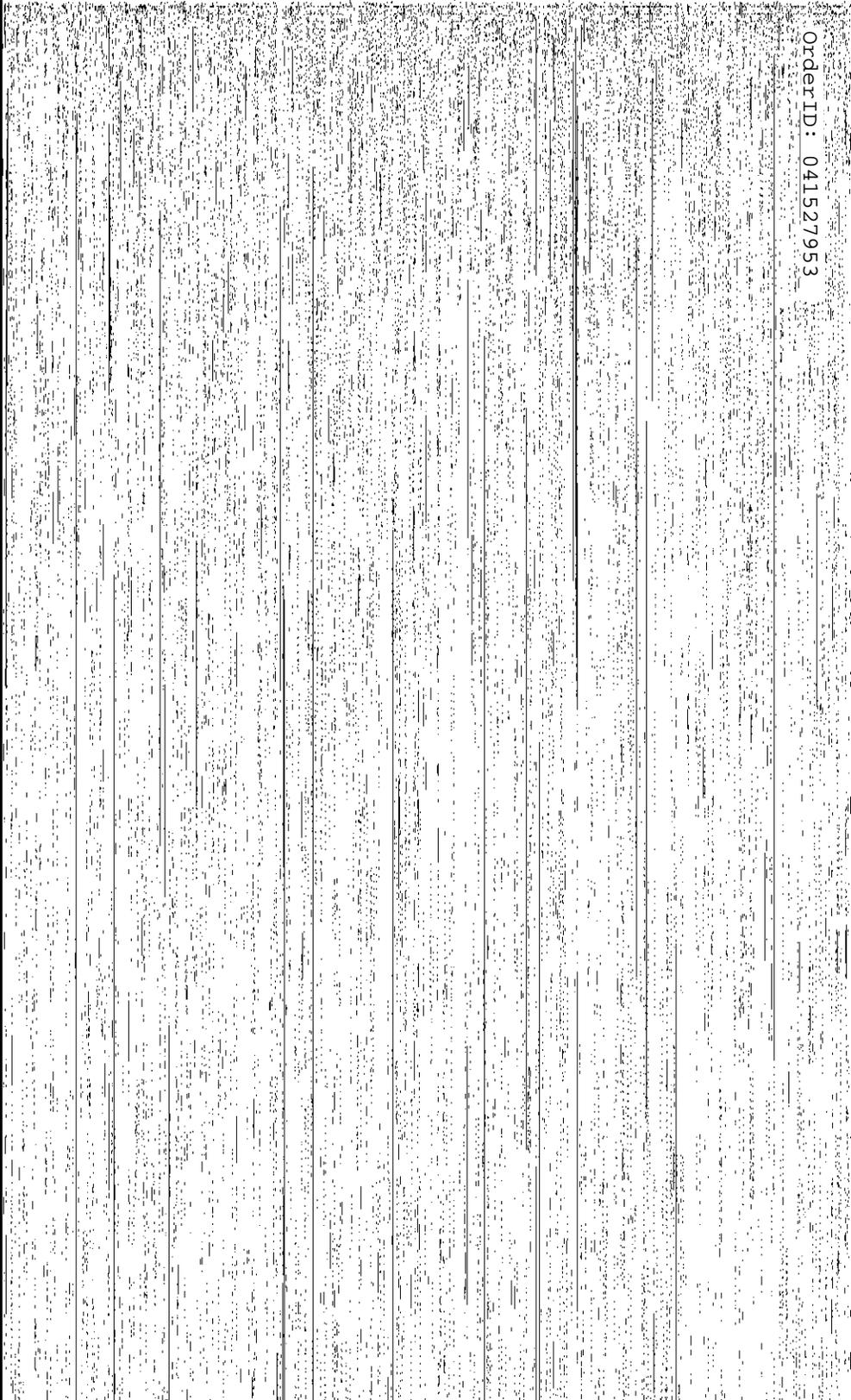


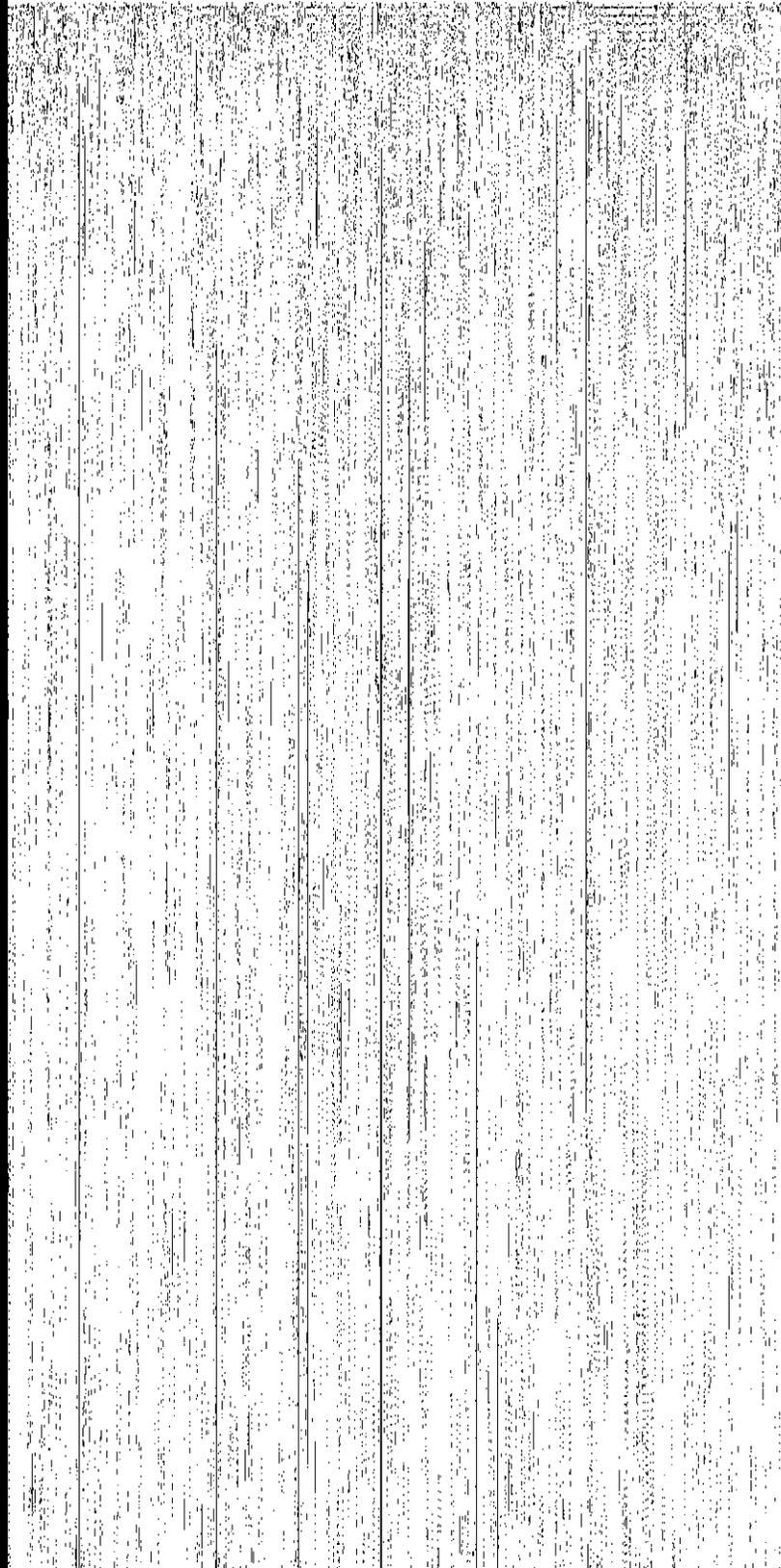


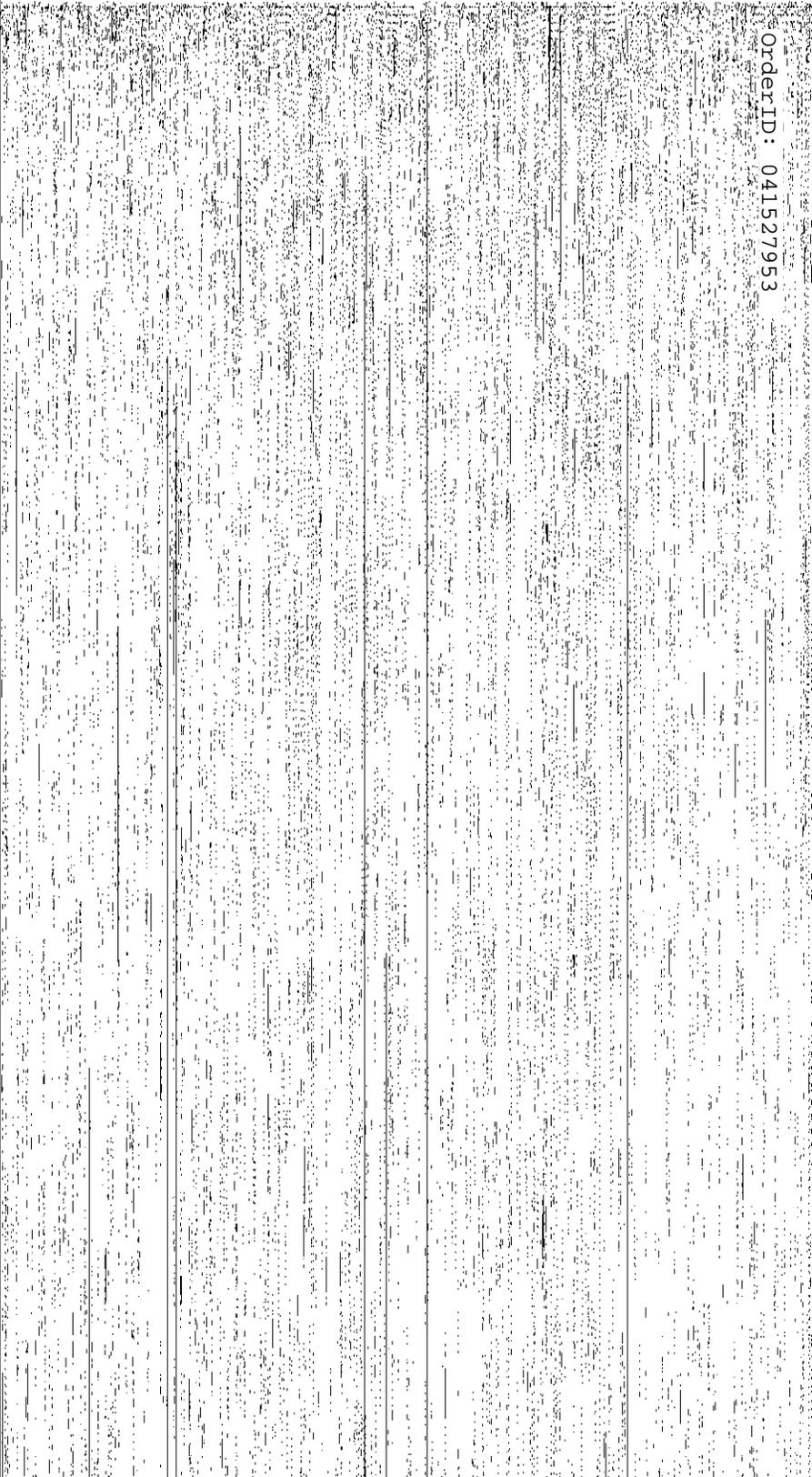


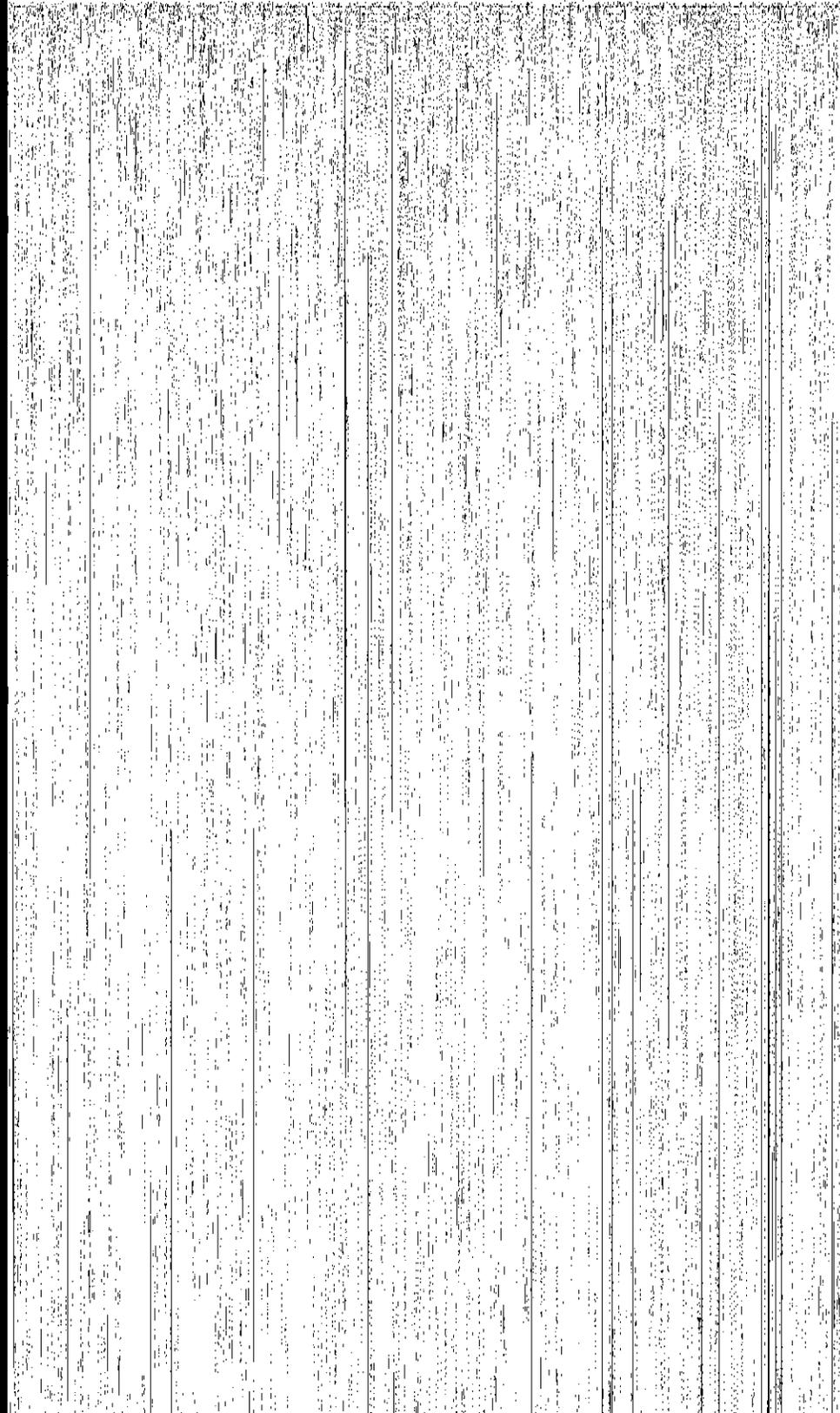
















# EMSL Analytical, Inc.

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<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 CD  
 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 Ridge 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

Project #: 2057123300 Task #: Env-5G

M800-5S

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  
10/23/15, C.O. Page 1 of 1





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

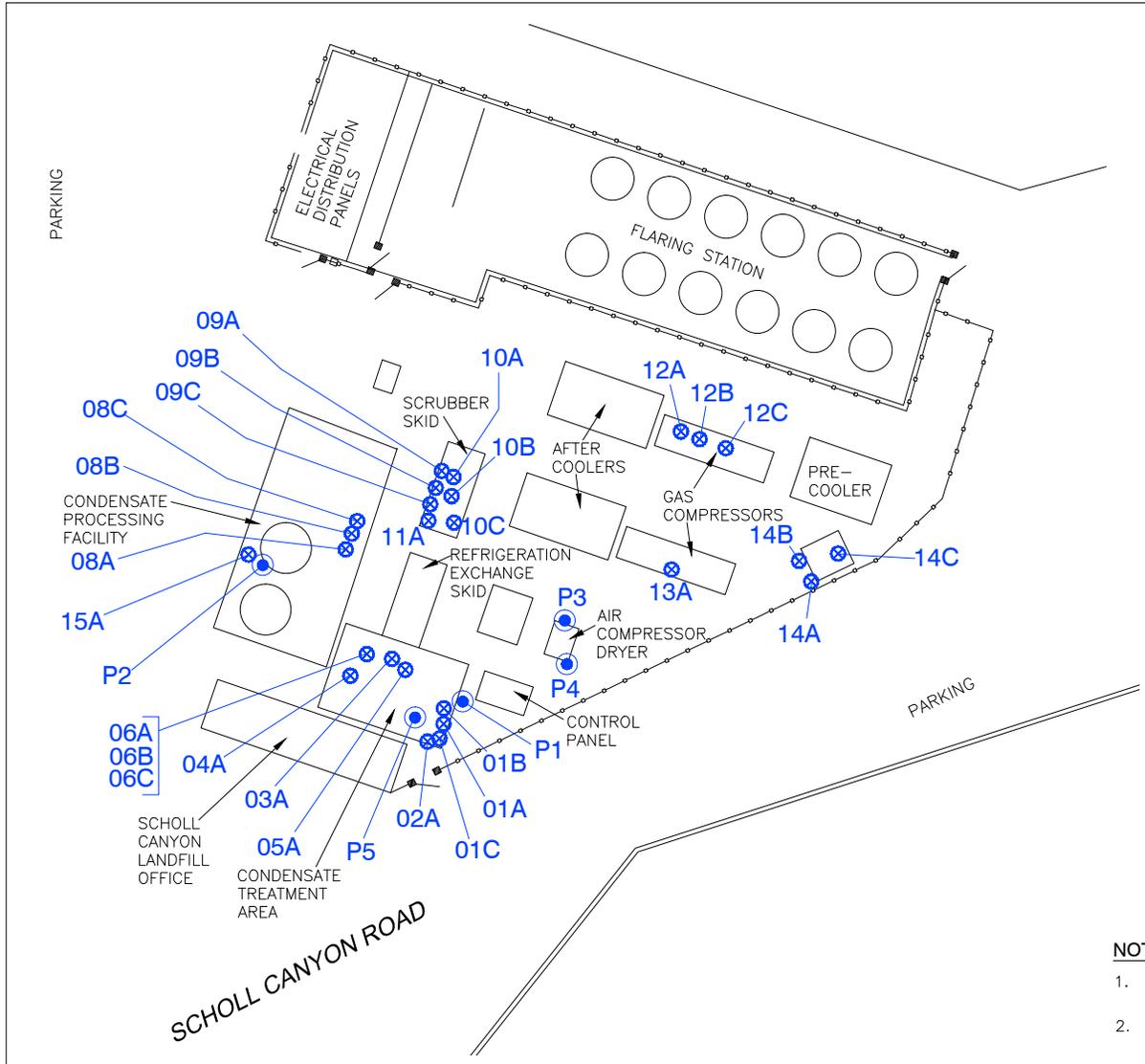
Note

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.

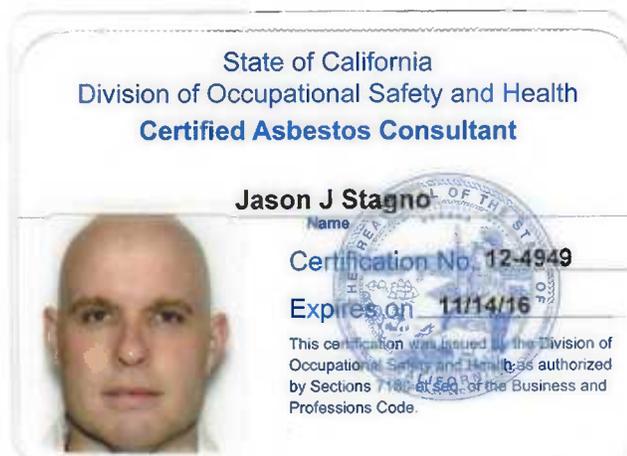
Sincerely,

Jeff Ferrell  
Senior Safety Engineer

Attachment: Certification Card

cc: File

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



State of California Department of Public Health

Expiration: \_\_\_\_\_



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:*

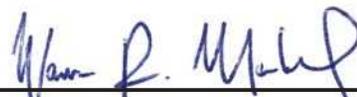
**Asbestos Fiber Analysis**

*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 "Ben Ellis".

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.

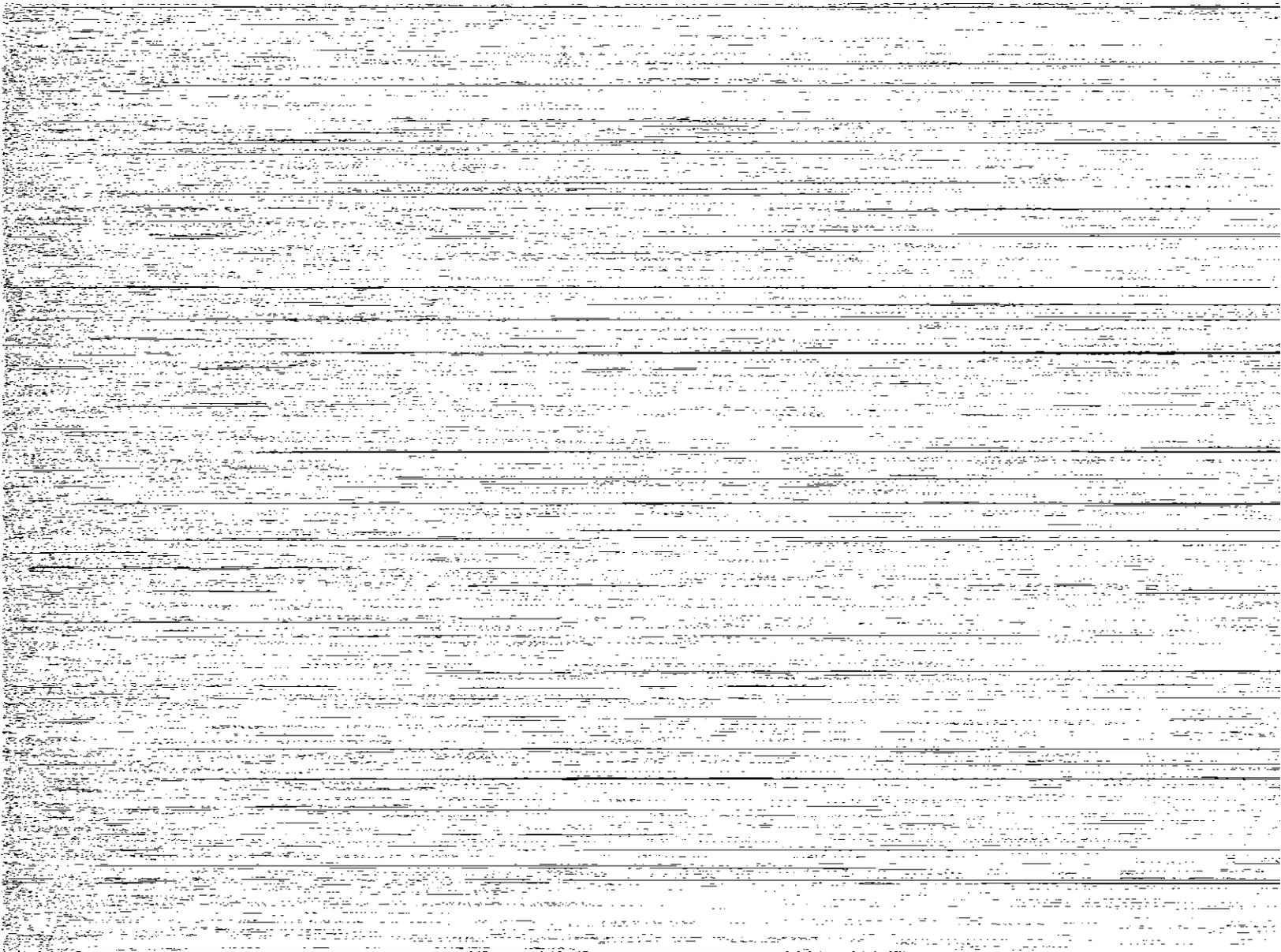
### **Environmental Lead Laboratory Accreditation Program (ELLAP)**

**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>



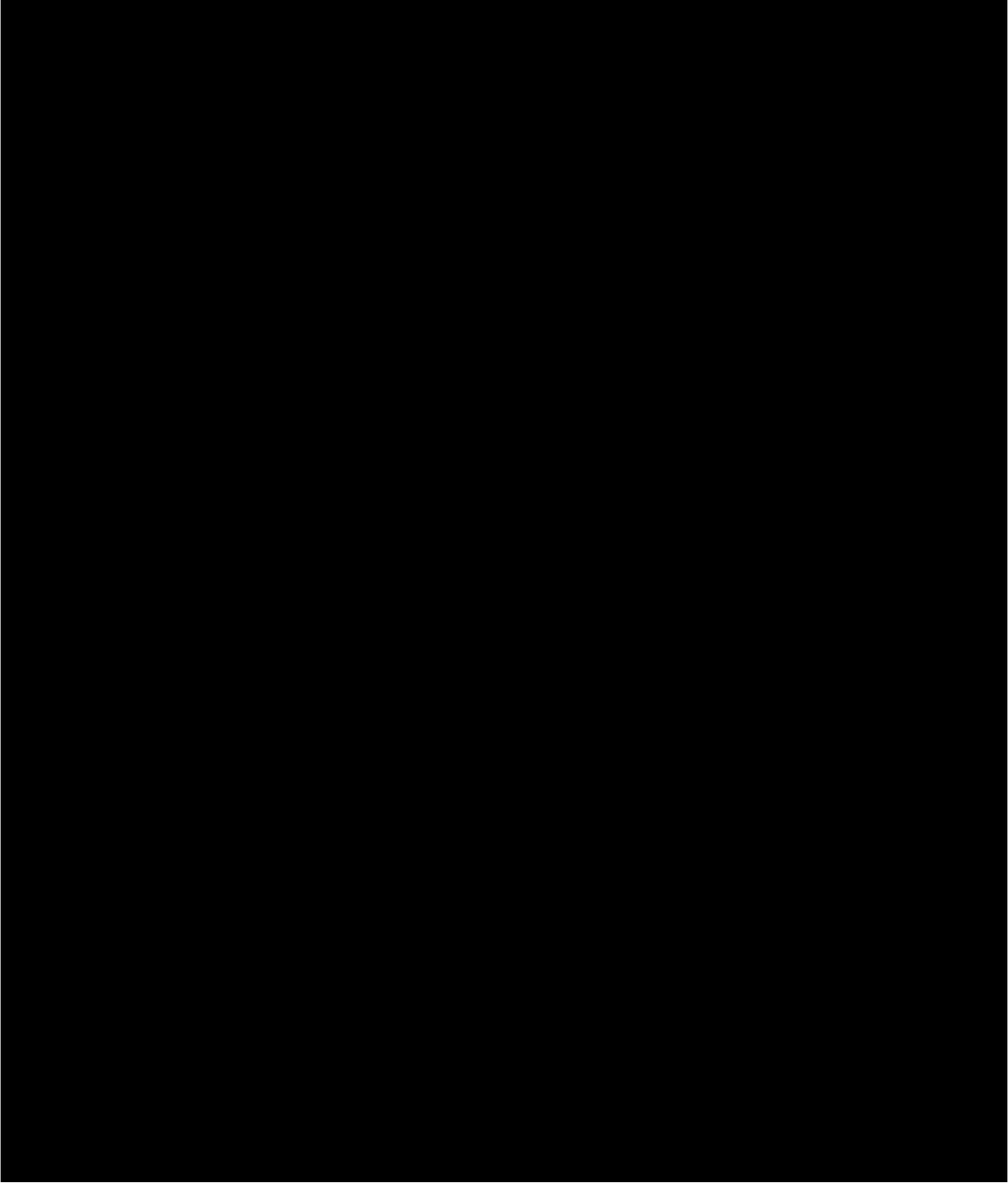














December 18, 2015

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

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Scholl Canyon Landfill Gas Plant  
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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

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**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

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Scholl Canyon Landfill Gas Plant  
7721 N Figueroa Street, Los Angeles, CA  
Stantec Project no.: 2057123300**

# **Attachment E CDPH Form 8552**



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