

The Junipers Project
Final Environmental Impact Report
SCH No. 2018041032 - Project No. 586670

Appendix K3

Asbestos and Lead-Based Paint
Investigation

January 2021



May 21, 2018

Mr. Max Frank
Carmel Land LLC
1334 Parkview Avenue, Suite 100
Manhattan Beach, California 90266

RE: Asbestos and Lead-Based Paint Investigation
14455 Pensaquitos Drive
San Diego, California 90266
Former Golf Course and Tennis Courts
Hillmann Project #: C3-7144

Dear Mr. Frank:

Hillmann Consulting, LLC (Hillmann) was retained by 33North Development Group. (client) to conduct an asbestos and lead-based paint investigation at the above referenced location.

On April 25, 2018, an investigation of the above-referenced location was performed by Mr. Stephen Bartlett, a State of California Certified Site Surveillance Technician (CSST #17-6112) and a State of California Department of Public Health (CDPH) Certified Lead Sampling Technician (#29973), under the direction of Mr. Ryan Terwilliger, a State of California Certified Asbestos Consultant (CAC #11-4776) and CDPH Certified Lead Inspector/Risk Assessor (CLIA #22479) of Hillmann Consulting, LLC. The investigation was performed in order to identify potential asbestos-containing materials and lead-based paint that may be found at the former golf course and tennis courts located at 14455 Pensaquitos Drive.

Asbestos Containing Material (ACM) Investigation

Intrusive methods were utilized during the inspection of the premises for suspect ACM. However, suspect materials may exist within the inspected areas of the Property building that were not accessible during the inspection. Such areas typically include, but may not necessarily be limited to, wall cavities, crawl spaces, and ceiling plenums.

A total of nineteen (19) samples of suspect materials were collected from the former maintenance building and the shed in tennis court area (with 29 layers broken out) and analyzed, per Appendix A, Subpart F, 40 CFR Part 763, Section 1 via Polarized Light Microscopy (PLM), by LA Testing Lab Services located in Huntington Beach, CA. LA Testing is an American Industrial Hygiene Association (AIHA), Environmental Microbiology Laboratory Accreditation Program (EMLAP), and National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory.

Your Property. Our Priority.

Corporate Headquarters: 1600 Route 22 East, Suite #107, Union, NJ 07083 (908) 688-7800 Fax: (908) 686-2636 Toll free: (800) 232-4326
Office Locations: New York, Massachusetts, Pennsylvania, Virginia, North Carolina, California, **Engineering Division:** New Jersey

www.HillmannConsulting.com

Sampled materials included:

- Vinyl floor tile and associated mastic, roofing materials, penetration mastic, ceiling tiles, plaster, and joint compound.

The results of bulk sample analysis indicate that asbestos-containing materials **are** present in the following materials:

Table I
Positive ACM Sample Location Table

Sample & Location	Description	Quantity (Approximate)	Asbestos Content by PLM
A-4, A-5, A-6 / Former Maintenance Shed Roof	Penetration Mastic, Black	30 Ln Ft	5% Chrysotile
A-16, A-17 / Tennis Courts Equipment Shed Roof	Roofing Material	10 SF	5% Chrysotile

If any previously unidentified suspect asbestos-containing materials are encountered during activities that may disturb ACM, all work must stop. The unidentified materials should either be sampled or must be assumed to contain asbestos.

Lead-Based Paint (LBP) Investigation

Currently, the State of California, HUD, and the Environmental Protection Agency (EPA) define lead-based paint as paint or other surface coating with lead content equal to or greater than 1.0 milligram per square centimeter (mg/cm²) of surface area (via XRF instrumentation) or greater than or equal to 0.5% by weight, 5000 ppm, or 5000 mg/kg. A summary of the findings and recommendations of this report are included below. This summary alone does not constitute the complete screening report

The LBP Inspection was performed through paint chip sampling in general conformance with the 1995 HUD Guidelines for the evaluation and control of LBP hazards in housing (1997 revised Chapter 7 of the HUD guidelines). The subject areas were visually inspected and suspect LBP samples were collected and analyzed by LA Testing, in Huntington Beach, California, using Flame Atomic Absorption Spectrometry (AAS), following EPA Method SW846 3050/7000B.

The purpose of the survey was to identify, sample, analyze and quantify any suspect LBP from the former golf and tennis courts at 14455 Pensaquitos Drive.

Sampled materials included:

- Door frames, doors, walls, floors, and ceilings

Ten (10) samples of suspect lead-based paint (LBP) were collected and included **no** positive LBP:

The results of samples analyzed indicate that lead-based paint was **not** present.

In compliance with Title 17, CCR, Division 1, Chapter 8 and 24 CFR Subtitle A, Part 35.55, Hillmann filed the 8552 Form as required to notify the California Department of Public Health (CDPH) the findings of the LBP Inspection conducted on the Site. A copy of the 8552 form is included in the appendices.

If suspect LBP is discovered during servicing or maintenance related work for which there are no sample documentation/results, Hillmann recommends pursuing one of the following alternatives: (1) Sample and analyze the discovered suspect material(s) to determine whether they contain LBP or, (2) quantify and remove on a unit cost basis.

Conclusion

The results of the asbestos and lead-based paint investigation indicated that ACM **was** identified and LBP was **not** identified at the above referenced structures.

Asbestos-Containing Material

Sample & Location	Description	Quantity (Approximate)	Asbestos Content by PLM
A-4, A-5, A-6 / Former Maintenance Shed Roof	Penetration Mastic, Black	30 Ln Ft	5% Chrysotile
A-16, A-17 / Tennis Courts Equipment Shed Roof	Roofing Material	10 SF	5% Chrysotile

Based on the findings of the asbestos survey, Hillmann offers the following recommendations:

- Analytical results returned that **asbestos was detected** in the samples that were collected indicated in Table 1. The ACM listed in Table 1 is non-friable and in good condition. Before any renovation can take place, the removal of asbestos-containing materials must include consulting services (design and monitoring), and the removal should be performed by a California licensed asbestos abatement contractor and according to all federal, state and local laws governing asbestos.
- If additional impacted suspect **ACBM** or **ACCM** are discovered during renovations, servicing or maintenance related work for which there are no sample documentation/results, Hillmann recommends pursuing one of the following alternatives: Sample and analyze the discovered suspect material(s) to determine whether it contains asbestos; or assume the material(s) to be asbestos-containing materials, quantify and remove on a unit cost basis.

- A copy of this report must be present on-site during any renovation or demolition activities affecting the sampled materials.

This report should be maintained as a permanent maintenance record for the Property.

Please feel free to contact our office at (714) 634-9500, should you have any questions or concerns.

Sincerely,

HILLMANN CONSULTING, LLC



Ryan Terwilliger
West Coast Operations Manager
CAC – 11-4776



Stephen Bartlett
Environmental Scientist
CSST- 17-6112

Attachments: Lab Results



LA Testing

5431 Industrial Drive Huntington Beach, CA 92649

Tel/Fax: (714) 828-4999 / (714) 828-4944

<http://www.LATesting.com> / gardengrovelab@latestesting.com

LA Testing Order: 331809458

Customer ID: HILL50

Customer PO:

Project ID:

Attention: Stephen Bartlett
Hillmann Consulting, LLC
1600 Route 22 East
Union, NJ 07083

Phone: (908) 688-7800

Fax:

Received Date: 04/25/2018 3:20 PM

Analysis Date: 04/30/2018

Collected Date: 04/25/2018

Project: C3-7144 33 North Development 14455 Penasquitos Drive

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
A-01-Shingle 1 331809458-0001	Roof Maintenance shed roof - roofing core, black	White/Black/Green Fibrous Heterogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
A-01-Shingle 2 331809458-0001A	Roof Maintenance shed roof - roofing core, black	Brown/Black Fibrous Heterogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
A-02-Shingle 1 331809458-0002	Roof Maintenance shed roof - roofing core, black	White/Black/Green Fibrous Heterogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
A-02-Shingle 2 331809458-0002A	Roof Maintenance shed roof - roofing core, black	Brown/Black Fibrous Heterogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
A-03-Shingle 1 331809458-0003	Roof Maintenance shed roof - roofing core, black	White/Black/Green Fibrous Heterogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
A-03-Shingle 2 331809458-0003A	Roof Maintenance shed roof - roofing core, black	Brown/Black Fibrous Heterogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
A-04 331809458-0004	Roof Maintenance shed roof - penetration mastic, black	Black Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
A-05 331809458-0005	Roof Maintenance shed roof - penetration mastic, black	Black Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
A-06 331809458-0006	Roof Maintenance shed roof - penetration mastic, black	Black Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
A-07-Floor Tile 331809458-0007	Office maintenance shed office - 12x12 vinyl floor tile, paper pattern	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
A-07-Adhesive 331809458-0007A	Office maintenance shed office - 12x12 vinyl floor tile, paper pattern	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
A-08-Floor Tile 331809458-0008	Office maintenance shed office - 12x12 vinyl floor tile, paper pattern	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
A-08-Adhesive 331809458-0008A	Office maintenance shed office - 12x12 vinyl floor tile, paper pattern	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
A-09-Floor Tile 331809458-0009	Office maintenance shed office - 12x12 vinyl floor tile, paper pattern	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 04/30/2018 13:38:16



LA Testing

5431 Industrial Drive Huntington Beach, CA 92649

Tel/Fax: (714) 828-4999 / (714) 828-4944

<http://www.LATesting.com> / gardengrovelab@latestesting.com

LA Testing Order: 331809458

Customer ID: HILL50

Customer PO:

Project ID:

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
A-09-Adhesive 331809458-0009A	Office maintenance shed office - 12x12 vinyl floor tile, paper pattern	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
A-10-Joint Compound 331809458-0010 <i>Drywall not found in sample</i>	Office maintenance shed office - drywall + jc composite	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
A-11 331809458-0011 <i>Drywall not found in sample</i>	Office maintenance shed office - drywall + jc composite	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
A-12 331809458-0012 <i>Drywall not found in sample</i>	Office maintenance shed office - drywall + jc composite	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
A-13 331809458-0013	Office maintenance shed office - 2x4 ct	Gray/White Fibrous Heterogeneous	40% Cellulose 10% Min. Wool	30% Perlite 20% Non-fibrous (Other)	None Detected
A-14 331809458-0014	Office maintenance shed office - 2x4 ct	Gray/White Fibrous Heterogeneous	40% Cellulose 10% Min. Wool	30% Perlite 20% Non-fibrous (Other)	None Detected
A-15 331809458-0015	Office maintenance shed office - 2x4 ct	Gray/White Fibrous Heterogeneous	40% Cellulose 10% Min. Wool	30% Perlite 20% Non-fibrous (Other)	None Detected
A-16-Shingle 331809458-0016	Roof tennis courts shed - roofing core	White/Black Fibrous Heterogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
A-16-Felt 331809458-0016A	Roof tennis courts shed - roofing core	Black Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (Other)	None Detected
A-16-Mastic 331809458-0016B	Roof tennis courts shed - roofing core	Black Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
A-17-Shingle 331809458-0017	Tennis courts shed - roofing core	White/Black Fibrous Heterogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
A-17-Felt 331809458-0017A	Tennis courts shed - roofing core	Black Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (Other)	None Detected
A-17-Mastic 331809458-0017B	Tennis courts shed - roofing core	Black Fibrous Homogeneous		96% Non-fibrous (Other)	4% Chrysotile
A-18 331809458-0018	Floor tennis courts - caulking, white	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
A-19 331809458-0019	caulking, white	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 04/30/2018 13:38:16



LA Testing

5431 Industrial Drive Huntington Beach, CA 92649

Tel/Fax: (714) 828-4999 / (714) 828-4944

<http://www.LATesting.com> / gardengrovelab@lateesting.com

LA Testing Order: 331809458

Customer ID: HILL50

Customer PO:

Project ID:

Analyst(s)

Christopher Miranda (29)

Michael DeCavallas, 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 LA Testing Huntington Beach, CA NVLAP Lab Code 101384-0, CA ELAP 1406

Initial report from: 04/30/2018 13:38:16



LA Testing

5431 Industrial Drive, Huntington Beach, CA 92649

Phone/Fax: (714) 828-4999 / (714) 828-4944

<http://www.LATesting.com>

gardengrovelab@latestesting.com

LA Testing Order: 331809481
CustomerID: HILL65
CustomerPO:
ProjectID:

Attn: **Ryan Terwilliger**
Hillmann Consulting
1745 West Oranewood Avenue
Suite 110
Orange, CA 92868

Phone: (714) 634-9500
 Fax:
 Received: 04/25/18 3:20 PM
 Collected:

Project: C3-7144

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

Client Sample Description	Collected	Analyzed	RDL	Lead Concentration
B-1 331809481-0001		4/26/2018	0.010 % wt	0.018 % wt
	Site: Maintenance shed ext wall, green, intact, wood			
B-2 331809481-0002		4/26/2018	0.043 % wt	<0.043 % wt
	Site: Maintenance shed int wall, beige, intact, wood			
B-3 331809481-0003		4/26/2018	0.041 % wt	<0.041 % wt
	Site: Maintenance shed int wall, beige, intact, wood			
B-4 331809481-0004		4/26/2018	0.061 % wt	<0.061 % wt
	Site: Maintenance shed int wall, white, intact, wood			
B-5 331809481-0005		4/26/2018	0.021 % wt	<0.021 % wt
	Site: Maintenance shed int wall, brown, intact, wood			
B-6 331809481-0006		4/26/2018	0.010 % wt	<0.010 % wt
	Site: Tennis court light poles, brown, intact, metal			
B-7 331809481-0007		4/26/2018	0.036 % wt	<0.036 % wt
	Site: Tennis court shed, green, intact, wood			
B-8 331809481-0008		4/26/2018	0.10 % wt	<0.10 % wt
	Site: Tennis court shed, white, intact, wood			
B-9 331809481-0009		4/26/2018	0.049 % wt	<0.049 % wt
	Site: Tennis court floor, red, intact, concrete			
B-10 331809481-0010		4/26/2018	0.014 % wt	<0.014 % wt
	Site: Tennis court floor, green, intact, concrete			

Michael Chapman, Laboratory Manager
or other approved signatory

*Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.010 % wt based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.

Samples analyzed by LA Testing Huntington Beach, CA AIHA-LAP, LLC--ELLAP Accredited #101650, CA ELAP 1406

Initial report from 04/26/2018 17:06:24



HILLMANN
CONSULTING

BULK SAMPLE IDENTIFICATION FORM
PLM COC, Version 3.3

331809458 #

DATE: 4/25/18

Environmental Consulting & Lab Services, 1600 Route 22 East, Union, NJ 07083
(908) 688-7800 Fax (908) 686-2636 email: Shatter@hillmanngrp.com

POSITIVE STOP ON ALL HOMOG. SAMPLES

JOB#: C3-7144

CLIENT: 33North Development

LOCATION: 14455 Pensacolas Drive

TAT for PLM - 3-6hrs 8-12hrs 24hrs 48hrs **72hrs** 5-7day
TAT for TEM - 3-6hrs 8-12hrs 24hrs 48hrs 72hrs 5-7day
TAT for SOF-V - 1wk 2wk

LAB Instructions: **ANALYZE ALL NOBS AS INDICATED BY "VIA TEM IF NEGATIVE VIA PLM. POSITIVE STOP ON TEM ONLY"**
ANALYZE BOTTOM / INNER LAYERS FIRST AS INDICATED BY "BL" - IF POSITIVE THEN STOP ANALYSIS OF OTHER LAYERS

Homg. ID	Sample # Lab #	Floor/Room	Location Description	Material Description Color	Quantity in SOW?	Cond Friable?	NOB	Time Sample Collected	Lab Results
	A-01	Roof	Maintenance shed roof	Roofing Core, black					
	A-02								
	A-03								
	A-04			Penetration mastic, black					
	A-05								
	A-06								
	A-01	Office	Maintenance shed Office	Vertical Vitrif. floor tile, Pear Pattern					
	A-04								
	A-04								
	A-10			Drywall + 5/8" Comp. Board					

CHAIN OF CUSTODY

SAMPLED BY:	TRANSPORTED BY:	RECEIVED BY:	ANALYZED BY:
Stephen Barker		(F) O'Brien 4/25 3:20 PM	
Sign			
Date			

Material Codes

AP=acoustical plaster, BC=brown coat, BF=base flashing, BUR=built-up roofing, CB=cove base, CBM=cove base mastic, CF=curb flashing, CFT=ceramic floor tile, CM=carpet mastic, CPM=carpet padding mastic, CPT=carpet tile mastic, CT=ceiling tile, CTM=CT mastic, CWT=ceramic wall tile, FP=fireproofing, JC=joint compound, JT=joint tape, LC=leveling compound, PL=plaster, PP=pitch pocket, PPW=parapet wall flashing, RFP=re-inforced fiberglass panel, SP=soundproofing, TP=tar paper, VB=vapor barrier, VCT=vinyl floor tile, VCTM=VCT mastic, VSF=vinyl sheet flooring, WB=wallboard, WPA=wall paper adhesive, PI=pipe insulation, PFI=pipe fitting insulation, FG= fiberglass line ALL OTHER DESCRIPTIONS MUST BE WRITTEN OUT



HILLMANN
CONSULTING

BULK SAMPLE IDENTIFICATION FORM
PLM COC, Version 3.3

331809458 #

DATE: 4/25/18

Environmental Consulting & Lab Services, 1600 Route 22 East, Union, NJ 07083
(908) 688-7800 Fax (908) 686-2636 email: @hillmanngroup.com

CLIENT: 33North Development

LOCATION: 14455 Pensacolas Drive

POSITIVE STOP ON ALL HOMOG. SAMPLES

JOB#: C3-7144

TAT for PLM - 3-6hrs 8-12hrs 24hrs 48hrs 72hrs 5-7day
TAT for TEM - 3-6hrs 8-12hrs 24hrs 48hrs 72hrs 5-7day
TAT for SOF-V - 1wk 2wk

LAB Instructions: **ANALYZE ALL NOBS AS INDICATED BY "VIA TEM IF NEGATIVE VIA PLM. POSITIVE STOP ON TEM ONLY"**
ANALYZE BOTTOM / INNER LAYERS FIRST AS INDICATED BY "BL" - IF POSITIVE THEN STOP ANALYSIS OF OTHER LAYERS

Homg. ID	Sample # Lab #	Floor/Room	Location Description	Material Description Color	Quantity in SOW?	Cond Friable?	NOB	Time Sample Collected	Lab Results
	A-11	Office	Maintenance Shop	Dtmall + TC composite					
	A-12								
	A-13			2x4 CT					
	A-14								
	A-15								
	A-16	Roof	Tennis Courts shed	Roofing core					
	A-17								
	A-19	Floor	Tennis courts	Caulking white					
	A-19								
	A-20								

CHAIN OF CUSTODY

SAMPLED BY:	TRANSPORTED BY:	RECEIVED BY:	ANALYZED BY:
Print <i>Stephen Bickler</i>			
Sign <i>Stephen Bickler</i>			
Date <i>4/25/18</i>			

Material Codes

AP=acoustical plaster, BC=brown coat, BF=base flashing, BUR=built-up roofing, CB=cove base, CBM=cove base mastic, CF=curb flashing, CFT=ceramic floor tile, CM=carpet mastic, CPM=carpet padding mastic, CPT=carpet tile mastic, CT=ceiling tile, CTM=CT mastic, CWT=ceramic wall tile, FP=fireproofing, JC=joint compound, JT=joint tape, LC=leveling compound, PL=plaster, PP=pitch pocket, PPW=parapet wall flashing, RFP=re-inforced fiberglass panel, SP=soundproofing, TP=tar paper, VB=vapor barrier, VCT=vinyl floor tile, VCTM=VCT mastic, VSF=vinyl sheet flooring, WB=wallboard, WPA=wall paper adhesive, PI=pipe insulation, PFI=pipe fitting insulation, FG=fiberglass line ALL OTHER DESCRIPTIONS MUST BE WRITTEN OUT



Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

#331809481

LATESTING
520 MISSION STREET
SOUTH PASADENA, CA
91030
PHONE: (800) 303-0047
FAX: (323)-254-9982

Company: Hillmann Consulting LLC		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 1745 W. Orangewood Avenue, Suite 110		Third Party Billing requires written authorization from third party	
City: Orange	State/Province: CA	Zip/Postal Code:	Country:
Report To (Name): Ryan Terwilliger		Telephone #:	
Email Address: rterwilliger@hillmanngrp.com		Fax #:	Purchase Order:
Project Name/Number: C3-7144		Please Provide Results: <input type="checkbox"/> Fax <input type="checkbox"/> Email	
U.S. State Samples Taken: CA		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 ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input checked="" type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/> *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	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 Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	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: Stephen Bartlett Signature of Sampler: Stephen Bartlett

Sample #	Location	Volume/Area	Date/Time Sampled
B-1	Maintenance shed ext wall, Green, Intact, wood		
B-2	Maintenance shed int. wall, beige, Intact, wood		
B-3	Maintenance shed int. wall, beige, Intact, wood		
B-4	Maintenance shed int. wall, white, Intact, wood		
B-5	Maintenance shed ext., brown, Intact, wood		

Client Sample #'s: 1 - 10 Total # of Samples:

Relinquished (Client): Date: Time:

Received (Lab): Date: 4/25 Time: 3:20PM

Comments: CC Kristine Savona ksavona@hillmanngrp.com on all reports/invoices

