

APPENDIX C

Data Tables

Summary of Suspect Asbestos-Containing Materials
for 5871 Churchill Way, Juneau Alaska

Sample Number	Material Discription	% Asbestos	Other Materials	Location
A1	GWB: Gray Chalky; Brown Fibrous	NAD	20 % Cellulose 3% Figrous Glass 77%Non-Fibrous	Room 1, South Wall
A2	Joint Compound: Tan Granular	NAD	100% Non-Fibrous	Room 1, North Wall
A3	GWB: Tan Granular; Brown	NAD	35% Cellulose 65% Non-Fibrous	Room 1, Ceiling
A4	GWB: White Chalky; Brown Fibrous	NAD	20% Cellulose 80% Non-Fibrous	Room 4, West Wall
A5	Wall Tar Paper: Brown Fibrous; Black Powder	NAD	75% Cellulose 25% Non-Fibrous	Room 3, North Wall
A6	Wall Texture: Tan Granular	NAD	100% Non-Fibrous	Room 2, North Wall
A7	Wall Texture: White Granular	NAD	100% Non-Fibrous	Room 5, South Wall
A8	Ceiling Texture: White Brittle	NAD	100% Non-Fibrous	Room 5, Ceiling
A2-1	Wall Texture: White Brittle	NAD	100% Non-Fibrous	Room 10, West Wall by Staircase
A2-2	Gray Ceramic Tile	NAD	100% Non-Fibrous	Room 10
A2-2	Mastic, Yellow Adhesive	NAD	100% Non-Fibrous	Room 10
A2-2	Grout: Gray Granular	NAD	100% Non-Fibrous	Room 10
A2-3	Counter Grout: Gray Granular	NAD	100% Non-Fibrous	Room 10
A2-4	Ceiling Texture: White Brittle	NAD	100% Non-Fibrous	Room 10, Ceiling
A2-5	GWB: White Chalky	NAD	100% Non-Fibrous	Room 10, South Wall

Sample Number	Material Discription	% Asbestos	Other Materials	Location
A2-5	Texture: White Granular	NAD	100% Non-Fibrous	Room 10, South Wall
A2-6	Wall Tar Paper: Brown Fibrous; Black Tar-Like	NAD	85% Cellulose 15% Non-Fibrous	Bathroom, West Wall
A2-7	Wall Texture: White Granular	NAD	100% Non-Fibrous	Room 7, South Wall of Entry
A2-8	Joint Compound: White Brittle	NAD	100% Non-Fibrous	Room 7, West Wall of Entry
A2-9	Shower Mastic: Clear Adhesive	NAD	100% Non-Fibrous	Room 8, South Wall
A2-10	Vinyl Floor Mastic: Clear Adhesive	NAD	100% Non-Fibrous	Room 8, Floor Center
A2-11	Ceramic Tile: Blue Ceramic	NAD	100% Non-Fibrous	Room 8, West Wall of Tub Surround
A2-11	Mastic: Brown Adhesive	NAD	100% Non-Fibrous	Room 8, West Wall of Tub Surround
A2-12	GWB: White Granualr	NAD	10% Cellulose 90% Non-Fibrous	Room 9, South Wall
A2-13	Ceiling Texture: White Granular	NAD	100% Non-Fibrous	Room 9, Ceiling
A2-14	Ceiling Texture: White Brittle	NAD	100% Non-Fibrous	Room 8, Ceiling
AS-1	Ceiling: Tan Brittle	NAD	100% Non-Fibrous	Shed, ceiling
AS-2	GWB: Red Brittle	NAD	100% Non-Fibrous	Shed, South Wall of Entry
AE-1	Tarpaper: Black Tar-Like; Black Fibrous	NAD	65% Cellulose 35% Non-Fibrous	Exterior of Residence, North Side

NAD = no asbestos detected

APPENDIX D
Laboratory Reports



SGS North America Inc.
Alaska Division
Level II Laboratory Data Report

Project: 12-1054
Client: Nortech
SGS Work Order: 1122482

Released by:

Contents (Bookmarked in PDF):

Cover Page
Case Narrative
Sample Results Forms
Quality Control Summary Forms
Chain of Custody/Sample Receipt Forms
Attachments (if applicable)



Case Narrative

Client NORTECH Nortech
Workorder 1122482 12-1054

Printed Date/Time 6/27/2012 14:10

Sample ID **Client Sample ID**

Refer to the sample receipt form for information on sample condition.

1122482001 PS CZ-01

AK102 - The pattern is consistent with a weathered middle distillate.

Jason Ginter
Nortech
4402 Thane Rd
Juneau, AK 99801

Work Order: 1122482
12-1054
Client: Nortech
Report Date: June 27, 2012

Enclosed are the analytical results associated with the above work order. All results are intended to be used in their entirety and SGS is not responsible for use of less than the complete report. If you have any questions regarding this report, or if we can be of any other assistance, please contact your SGS Project Manager at 907-562-2343. All work is provided under SGS general terms and conditions (http://www.sgs.com/terms_and_conditions.htm), unless other written agreements have been accepted by both parties.

SGS maintains a formal Quality Assurance/Quality Control (QA/QC) program. A copy of our Quality Assurance Plan (QAP), which outlines this program, is available at your request. The laboratory certification numbers are AK00971 (DW Chemistry & Microbiology) & UST-005 (CS) for ADEC and 2944.01 for DOD ELAP/ISO 17025 (RCRA methods: 1020A, 1311, 3010A, 3050B, 3520C, 3550C, 5030B, 5035B, 6020, 7470A, 7471B, 8021B, 8082A, 8260B, 8270D, 8270D-SIM, 9040B, 9045C, 9056A, 9060A, AK101 and AK102/103). Except as specifically noted, all statements and data in this report are in conformance to the provisions set forth by the SGS QAP and, when applicable, other regulatory authorities. The following descriptors or qualifiers may be found in your report:

- * The analyte has exceeded allowable regulatory or control limits.
- ! Surrogate out of control limits.
- B Indicates the analyte is found in a blank associated with the sample.
- CCV Continuing Calibration Verification
- CL Control Limit
- D The analyte concentration is the result of a dilution.
- DF Dilution Factor
- DL Detection Limit (i.e., maximum method detection limit)
- E The analyte result is above the calibrated range.
- F Indicates value that is greater than or equal to the DL
- GT Greater Than
- ICV Initial Calibration Verification
- J The quantitation is an estimation.
- JL The analyte was positively identified, but the quantitation is a low estimation.
- LCS(D) Laboratory Control Spike (Duplicate)
- LOD Limit of Detection (i.e., 2xDL)
- LOQ Limit of Quantitation (i.e., reporting or practical quantitation limit)
- LT Less Than
- M A matrix effect was present.
- MB Method Blank
- MS(D) Matrix Spike (Duplicate)
- ND Indicates the analyte is not detected.
- Q QC parameter out of acceptance range.
- R Rejected
- RPD Relative Percent Difference
- U Indicates the analyte was analyzed for but not detected.

Note: Sample summaries which include a result for "Total Solids" have already been adjusted for moisture content.
All DRO/RRO analyses are integrated per SOP.



Detectable Results Summary

Print Date: 6/27/2012 2:10 pm

Client Sample ID: **CZ-01**

SGS Ref. #: 1122482001

Semivolatile Organic Fuels Department

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Diesel Range Organics	3320	mg/Kg



SGS Ref.# 1122482001
Client Name Nortech
Project Name/# 12-1054
Client Sample ID CZ-01
Matrix Soil/Solid (dry weight)

Printed Date/Time 06/27/2012 14:10
Collected Date/Time 06/21/2012 11:00
Received Date/Time 06/22/2012 7:55
Technical Director Stephen C. Ede

Sample Remarks:

AK102 - The pattern is consistent with a weathered middle distillate.

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Semivolatile Organic Fuels Department</u>									
Diesel Range Organics	3320	136	mg/Kg	AK102	A		06/25/12	06/27/12	MEM
<u>Surrogates</u>									
5a Androstane <surr>	88.6		%	AK102	A	50-150	06/25/12	06/27/12	MEM
<u>Solids</u>									
Total Solids	72.8		%	SM21 2540G	A			06/24/12	CNP



SGS Ref.# 1095125 Method Blank
Client Name Nortech
Project Name/# 12-1054
Matrix Soil/Solid (dry weight)

Printed Date/Time 06/27/2012 14:10
Prep Batch
Method
Date

QC results affect the following production samples:
1122482001

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
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Solids

Total Solids	100			%	06/24/12
Batch	SPT8676				
Method	SM21 2540G				
Instrument					



SGS Ref.# 1095407 Method Blank
Client Name Nortech
Project Name/# 12-1054
Matrix Soil/Solid (dry weight)

Printed Date/Time 06/27/2012 14:10
Prep Batch XXX27180
Method SW3550C
Date 06/25/2012

QC results affect the following production samples:
1122482001

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
<u>Semivolatile Organic Fuels Department</u>					
Diesel Range Organics	ND	20.0	6.20	mg/Kg	06/26/12
Surrogates					
5a Androstane <surr>	101	60-120		%	06/26/12
Batch	XFC10431				
Method	AK102				
Instrument	HP 7890A	FID SV E R			



SGS Ref.# 1095126 Duplicate
Client Name Nortech
Project Name/# 12-1054
Original 1122455003
Matrix Soil/Solid (dry weight)

Printed Date/Time 06/27/2012 14:10
Prep Batch
Method
Date

QC results affect the following production samples:
1122482001

Parameter	Original Result	QC Result	Units	RPD	RPD Limits	Analysis Date
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Solids

Total Solids	93.0	92.6	%	0	(< 15)	06/24/2012
Batch	SPT8676					
Method	SM21 2540G					
Instrument						



SGS Ref.# 1095408 Lab Control Sample
1095409 Lab Control Sample Duplicate
Client Name Nortech
Project Name/# 12-1054
Matrix Soil/Solid (dry weight)

Printed Date/Time 06/27/2012 14:11
Prep Batch XXX27180
Method SW3550C
Date 06/25/2012

QC results affect the following production samples:

1122482001

Parameter	QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
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Semivolatile Organic Fuels Department

Diesel Range Organics	LCS	148	89	(75-125)		167 mg/Kg	06/26/2012
	LCSD	148	89		0	(< 20)	167 mg/Kg 06/26/2012

Surrogates

5a Androstane <surr>	LCS		94	(60-120)			06/26/2012
	LCSD		93		2		06/26/2012

Batch XFC10431
Method AK102
Instrument HP 7890A FID SV E R



Review Criteria:	Condition:	Comments/Action Taken:
Were custody seals intact? Note # & location, if applicable. COC accompanied samples?	Yes No N/A Yes No N/A	IF
Temperature blank compliant* (i.e., 0-6°C after correction factor)? <i>* Note: Exemption permitted for chilled samples collected less than 8 hours ago.</i>	Yes No N/A	
Cooler ID: <u>1</u> @ <u>5.4</u> w/ Therm.ID: <u>35</u> Cooler ID: _____ @ _____ w/ Therm.ID: _____ Cooler ID: _____ @ _____ w/ Therm.ID: _____ Cooler ID: _____ @ _____ w/ Therm.ID: _____ Cooler ID: _____ @ _____ w/ Therm.ID: _____ <i>Note: If non-compliant, use form FS-0029 to document affected samples/analyses.</i> If samples are received <u>without</u> a temperature blank, the "cooler temperature" will be documented in lieu of the temperature blank & "COOLER TEMP" will be noted to the right. In cases where neither a temp blank <u>nor</u> cooler temp can be obtained, note "ambient" or "chilled."		
If temperature(s) <0°C, were all sample containers ice free?	Yes No <u>N/A</u>	
Delivery method (specify all that apply): Client USPS <u>Alert Courier</u> Road Runner <u>AK Air</u> Lynden Carlile ERA PenAir FedEx UPS NAC Other: → For WO# with airbills, was the WO# & airbill info recorded in the Front Counter eLog?	Note ABN/ tracking # <u>See Attached</u> or N/A Yes No N/A	
→ For samples received with payment, note amount (\$) and cash / check / CC (circle one) or note: → For samples received in FBKS , ANCH staff will verify all criteria are reviewed.		SRF Initiated by <u>[Signature]</u> <u>N/A</u>
Were samples received within hold time? <i>Note: Refer to form F-083 "Sample Guide" for hold time information.</i>	Yes No N/A	
Do samples match COC* (i.e., sample IDs, dates/times collected)? <i>* Note: Exemption permitted if times differ <1hr; in which case, use times on COC.</i>	Yes No N/A	
Were analyses requested unambiguous?	Yes No N/A	
Were samples in good condition (no leaks/cracks/breakage)? Packing material used (specify all that apply): Bubble Wrap Separate plastic bags Vermiculite Other:	Yes No N/A	
Were all VOA vials free of headspace (i.e., bubbles ≤6 mm)? Were all soil VOAs field extracted with MeOH+BFB?	Yes No <u>N/A</u> Yes No <u>N/A</u>	
Were proper containers (type/mass/volume/preservative*) used? <i>* Note: Exemption permitted for waters to be analyzed for metals.</i>	Yes No N/A	
Were Trip Blanks (i.e., VOAs, LL-Hg) in cooler with samples?	Yes No <u>N/A</u>	
For special handling (e.g., "MI" or foreign soils, lab filter, limited volume, Ref Lab), were bottles/paperwork flagged (e.g., sticker)?	Yes No <u>N/A</u>	
For preserved waters (other than VOA vials, LL-Mercury or microbiological analyses), was pH verified and compliant ? If pH was adjusted, were bottles flagged (i.e., stickers)?	Yes No <u>N/A</u> Yes No <u>N/A</u>	
For RUSH/SHORT Hold Time or site-specific QC (e.g., BMS/BMSD/BDUP) samples, were the COC & bottles flagged (e.g., stickers) accordingly? For RUSH/SHORT HT, was email sent?	Yes No N/A	<u>Due 6/28/12</u>
For any question answered "No," has the PM been notified and the problem resolved (or paperwork put in their bin)?	Yes No <u>N/A</u>	SRF Completed by: <u>[Signature]</u> PM = _____ N/A
Was PEER REVIEW of sample numbering/labeling completed ?	Yes No <u>N/A</u>	Peer Reviewed by: _____ N/A
Additional notes (if applicable):		


Note to Client: Any "no" circled above indicates non-compliance with standard procedures and may impact data quality.

027 JNU 8679 4912

027-8679 4912

Shipper's Name and Address NORTECH 2400 COLLEGE RD FAIRBANKS, AK 99709 USA Tel: 9074525688	Shipper's Account Number 27442126076	Not Negotiable Air Waybill Issued By <i>Alaska Air Cargo</i> ALASKA AIRLINES & HORIZON AIR P.O. BOX 68900 SEATTLE, WA 98168 800-225-2752 ALASKACARGO.COM
	Customer's ID Number 10588	

Consignee's Name and Address SGS North America Inc 200 W Potter Drive Anchorage, AK 99518 USA Tel: 9075622343	Consignee's Account Number 27400215947	Also notify N NTRD
	Tel:	

Issuing Carrier's Agent and City	Accounting Information NORTECH 2400 COLLEGE RD FAIRBANKS, AK 99709 USA SRN/12-1054 GoldStreak	10588 1122482 
Agent's IATA Code	Account No.	
Airport of Departure (Addr. of First Carrier) and Requested Routing Juneau		

To	By First Carrier	To / By	To / By	Currency	WT/VAL	Other	Declared Value For Carriage	Declared Value For Customs
ANC	Alaska Airlines			USD	PX	X	NVD	NCV
Airport of Destination	Flight/Date	Flight/Date	Amount of Insurance					
Anchorage	AS 077/21		XXX					

Handling Information TENDERED BY TARA NOA 907-562-2343		SCI
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No of Pieces	Gross Weight	kg	lb	Commodity Item No.	Chargeable Weight	Rate / Charge	Total	Nature and Quantity of Goods (Incl. Dimensions or Volume)
1	8.0	L			8.0		AS AGREED	SOIL SAMPLE Dims: 9 x 11 x11 x 1
1	8.0						AS AGREED	GSX Volume: 0.630

Prepaid	Weight Charge	Collect	Other Charges
AS AGREED			MYC 1.44 SCC 2.00
Valuation Charge			
Tax			
Total Other Charges Due Agent			
Total Other Charges Due Carrier			
Total Prepaid	Total Collect		
AS AGREED			

Shipper certifies that the particulars on the face hereof are correct and that insofar as any part of the consignment contains dangerous goods, such part is properly described by name and is in proper condition for carriage by air according to the applicable Dangerous Goods Regulations. I consent to the inspection of this cargo.

For: NORTECH
Signature of Shipper or his Agent
Jaron

THIS SHIPMENT DOES NOT CONTAIN DANGEROUS GOODS
 THIS SHIPMENT DOES CONTAIN DANGEROUS GOODS

Executed On (Date)	at (Place)	Signature of Issuing Carrier or its Agent
21 Jun 2012 16:44	Juneau	Alaska Airlines
027-8679 4912		

Alert Expeditors Inc.
DBA/Petroleum Courier Service

329491

Citywide Delivery
272-0349 • 440-3351

21 Flamingo Drive • Anchorage, Alaska 99502

6/22/2
Nurtech
5115

Collect <input type="checkbox"/>	Prepay <input type="checkbox"/> Account <input type="checkbox"/>	Advance Charges <input type="checkbox"/>
PO#	PO#	

1 cooler
7079 4712
1122482
GSX



Shipped Signature
Received By: _____
Total Charge 0/55



Environmental Hazards Services, L.L.C.
 7469 Whitepine Rd
 Richmond, VA 23237
 Telephone: 800.347.4010

Asbestos Bulk Analysis Report

Report Number: 12-06-03659

Client: Nortech
 2400 College Road
 Fairbanks, AK 99709

Received Date: 06/27/2012
 Analyzed Date: 06/28/2012
 Reported Date: 07/02/2012

Project/Test Address: 12-1054; 5871 Churchill Way

Client Number:
 02-2641

Fax Number:
 907-452-5694

Laboratory Results

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
12-06-03659-001	A-1		Gray Chalky; Brown Fibrous	NAD	20% Cellulose 3% Fibrous Glass 77% Non-Fibrous
12-06-03659-002	A-2		Tan Granular	NAD	100% Non-Fibrous
12-06-03659-003	A-3		Tan Granular; Brown Fibrous	NAD	35% Cellulose 65% Non-Fibrous
12-06-03659-004	A-4		White Chalky; Brown Fibrous	NAD	20% Cellulose 80% Non-Fibrous
12-06-03659-005	A-5		Brown Fibrous; Black Powder	NAD	75% Cellulose 25% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 02-2641

Report Number: 12-06-03659

Project/Test Address: 12-1054; 5871 Churchill Way

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
12-06-03659-006	A-6		Tan Granular	NAD	100% Non-Fibrous
12-06-03659-007	A-7		White Granular	NAD	100% Non-Fibrous
12-06-03659-008	A-8		White Brittle	NAD	100% Non-Fibrous
12-06-03659-009	A2-1		White Brittle	NAD	100% Non-Fibrous
12-06-03659-010A	A2-2	Ceramic Tile	Gray Ceramic	NAD	100% Non-Fibrous
12-06-03659-010B	A2-2	Mastic	Yellow Adhesive	NAD	100% Non-Fibrous
12-06-03659-010C	A2-2	Grout	Gray Granular	NAD	100% Non-Fibrous
12-06-03659-011	A2-3		Gray Granular	NAD	100% Non-Fibrous
12-06-03659-012	A2-4		White Brittle	NAD	100% Non-Fibrous
12-06-03659-013A	A2-5	Other *	White Chalky	NAD	100% Non-Fibrous

Wall Board

Environmental Hazards Services, L.L.C

Client Number: 02-2641

Report Number: 12-06-03659

Project/Test Address: 12-1054; 5871 Churchill Way

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
12-06-03659-013B	A2-5	Texture	White Granular	NAD	100% Non-Fibrous
12-06-03659-014	A2-6		Brown Fibrous; Black Tar-Like	NAD	85% Cellulose 15% Non-Fibrous
12-06-03659-015	A2-7		White Granular	NAD	100% Non-Fibrous
12-06-03659-016	A2-8		White Brittle	NAD	100% Non-Fibrous
12-06-03659-017	A2-9		Clear Adhesive	NAD	100% Non-Fibrous
12-06-03659-018	A2-10		Clear Adhesive	NAD	100% Non-Fibrous
12-06-03659-019	A2-12		White Granular	NAD	10% Cellulose 90% Non-Fibrous
Only texture present.					
12-06-03659-020	A2-13		White Granular	NAD	100% Non-Fibrous
12-06-03659-021A	A2-11	Ceramic Tile	Blue Ceramic	NAD	100% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 02-2641

Report Number: 12-06-03659

Project/Test Address: 12-1054; 5871 Churchill Way

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
12-06-03659-021B	A2-11	Mastic	Brown Adhesive	NAD	100% Non-Fibrous
12-06-03659-022	A2-14		White Brittle	NAD	100% Non-Fibrous
12-06-03659-023	AS-1		Tan Brittle	NAD	100% Non-Fibrous
12-06-03659-024	AS-2		Red Brittle	NAD	100% Non-Fibrous
12-06-03659-025	AE-1		Black Tar-Like; Black Fibrous	NAD	65% Cellulose 35% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 02-2641
Project/Test Address: 12-1054; 5871 Churchill Way

Report Number: 12-06-03659

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
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QC Sample: 7-M1-1991-3
QC Blank: SRM 1866 Fiberglass
Reporting Limit: 1% Asbestos
Method: EPA Method 600/R-93/116, EPA Method 600/M4-82-020
Analyst: Araceli Enzler



Reviewed By Authorized Signatory:

Tasha Eaddy
QA/QC Clerk

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of the Environmental Hazards Service, L.L.C. California Certification #2319 NY ELAP #11714. All information concerning sampling location, date, and time can be found on Chain-of-Custody. Environmental Hazards Services, L.L.C. does not perform any sample collection.

Environmental Hazards Services, L.L.C. recommends reanalysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), (for enhanced detection capabilities) for materials regulated by EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

400 Point Count Analysis, where noted, performed per EPA Method 600/R-93/116 with a Reporting Limit of 0.25%.

LEGEND: NAD = no asbestos detected



ENVIRONMENTAL & ENGIN

2400 College Road, Fairbanks, AK 99709 Ph (90

25 PLM

12-06-03659

A



Due Date:
07/02/2012
(Monday)
ES M

CHAIN OF CUSTODY RECORD/FIELD SURVEY DATA		
Field Collection Date 6-21-12	Job #: 12-1054	Material Type: <u>Asbestos</u>
Project Name: 12-1054	Bulk Analysis Requested: (circle) <input checked="" type="checkbox"/> PLM PLM Dust/TEM Bulk/Lead TCLP/Lead P1	
Facility: 5871 Churchill Way	Disposal: Normal	Turnaround: RUSH, 1 or 3 day

Special Instructions: Please analyze all layers and point count all results great than 1 or less than 5

Collected By (signature) <i>Tara Richards</i>	Selected Laboratory EHS	Comments: Please ^{email} fax us the results, when available to: <u>trichards@nortechengr.com</u>
Printed Name <i>Tara Richards</i>	Samples Accepted By	
Shipping Method <i>Fed Ex</i>	Date/Time	
Courier (signature)	Analyst's Signature	
Date/Time:	Date:	

Sample ID:	Sample Material Description	Sample Location & Comments
TR A1	wall board - GWB	Room 1, south wall
TR A2	joint compound	room 1, north wall
TR A3	wall board - GWB	room 1, ceiling
A4	wall board - GWB	room 4, west wall
A5	wall tar paper	room 3, north wall
A6	wall texture	room 2, north wall

msw@nortech.com



Field Survey (continued)		Page 2 of 3
Project Name: 12-1054		Facility: 5871 Churchill Rd
Job Number: 12-1054	Date: 6-21-12	Collected By: TR
Sample ID:	Sample Material Description	Sample Location & Comments
A7	wall texture	room 5, south wall
A8	ceiling texture	room 5, ceiling
A2-1	wall texture	room 10, west wall by staircase
A2-2	tile, mastic, grey grout	room 10
A2-3	counter tile ^{TR} grout	room 10
A2-4	ceiling texture	room 10, ceiling
A2-5	wall board + texture	room 10, south wall
A2-6	wall tar paper	room 10, north wall
A2-7	wall texture	room 7, south wall of entry
A2-8	joint compound	room 7, west wall of entry
A2-9	shower mastic	room 8, south wall

mswll @ 6/27/12



3659

June 25, 2012

Field Survey (continued)		Page 3 of 3
Project Name: 12-1054		Facility: 5871 Churchill Way
Job Number: 12-1054	Date: 6-21-12	Collected By: TR
Sample ID:	Sample Material Description	Sample Location & Comments
A2-10	vinyl floor mastic	room 8, floor center
A2-12	wall board, wall texture	room 9, south wall
A2-13	ceiling texture	room 9, ceiling
A2-11	tile, mastic	room 8, west wall of tub
A2-14	ceiling texture	room 8, ceiling
AS-1	ceiling	shed, ceiling
AS-2	wall	shed, south wall of entry
AE-1	tarpaper	exterior, north side

~~Field Survey (continued)~~

~~Page 4 of~~

msw @ 6/27/12



Environmental Hazards Services, L.L.C.
 7469 Whitepine Rd
 Richmond, VA 23237
 Telephone: 800.347.4010

RCRA 8 TCLP Analysis Report

Report Number: 12-06-03761

Client: Nortech
 2400 College Road
 Fairbanks, AK 99709

Received Date: 06/28/2012
 Analyzed Date: 06/29/2012
 Reported Date: 06/29/2012

Project/Test Address: 12-1054

Client Number:
 02-2641

Fax Number:
 907-452-5694

Laboratory Results

Lab Sample Number: 12-06-03761-001 Sample Description: Bldg Debris
 Client Sample Number: Composite Sample Weight (g): 100

Analyte	Result (mg/L)	Regulatory Limit (mg/L)	Reporting Limit (mg/L)	Narrative ID
Arsenic (As)	0.083	5.0	0.050	
Barium (Ba)	0.24	100	0.050	
Cadmium (Cd)	<0.050	1.0	0.050	
Chromium (Cr)	0.062	5.0	0.050	
Lead (Pb)	0.59	5.0	0.050	
Mercury (Hg)	<0.0010	0.20	0.0010	
Selenium (Se)	<0.050	1.0	0.050	
Silver (Ag)	<0.050	5.0	0.050	

Environmental Hazards Services, L.L.C


Client Number: 02-2641
Project/Test Address: 12-1054

Report Number: 12-06-03761

Methods: Mercury (Hg): EPA SW846 1311/7470A
All other metals: EPA SW846 1311/3010B/6010C

Analyst: Aubrey Simonds

Reviewed By Authorized Signatory: _____



Rebecca Stapleton
QA/QC Clerk

Method EPA SW846 1311 recommends 100g for analysis.

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. All internal quality control requirements associated with the batch were met, unless otherwise noted. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of the Environmental Hazards Service, L.L.C. California Certification #2319 NY ELAP #11714.

Legend g = gram ppm = parts per million mg/L = milligrams per liter

1 TCLP RCRA8



ENVIRONMENTAL & ENGINEERING CONSULTANTS
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CHAIN OF CUSTODY RECORD/FIELD SURVEY DATA		Page 1 of 1
Field Collection Date: 6-21-12	Job #: 12-1054	Material Type: (circle) Asbestos <u>Lead</u>
Project Name: 12-1054	Bulk Analysis Requested: (circle) PLM/PLM Dust/TEM Bulk <u>Lead TCLP</u> /Lead PPM TCLP Metals RCRA8	
Facility: 5871 Churchill Way	Disposal: <u>Normal</u>	Turnaround: RUSH, 1 or 3 day
Special Instructions:		
Collected By (signature) <i>Tara Richards</i>	Selected Laboratory EHS	Comments: Please fax ^{email} us the results, when available to: <u>trichards@nortechengr.com</u>
Printed Name <i>Tara Richards</i>	Samples Accepted By	
Shipping Method <i>Fed Ex</i>	Date/Time	
Courier (signature)	Analyst's Signature	
Date/Time:	Date:	
Sample ID:	Sample Material Description	Sample Location & Comments
Composite	Composite of building materials	
		12-06-03761
		Due Date: 07/03/2012 (Tuesday) ES M

J. Steen 6-28-12