



NELSON, POPE & VOORHIS, LLC

ENVIRONMENTAL • LAND USE • PLANNING

www.nelsonpopevoorhis.com

May 15, 2020

John C. Sheehan, PG
New York State Department of
Environmental Conservation
Division of Environmental Remediation
50 Circle Road
Stony Brook, New York 11790-3409

Re: A. Holly Patterson Extended Care Facility
DEC Site No. 13024
Construction Completion Report
NPV# 17165

Dear Mr. Sheehan:

This letter is provided as a summary detailing the remediation of the chlordane-impacted surface soils present within the triangular traffic median located between the split of Avenue B and south of 1st Street within the above referenced property. The work was completed in accordance with the Interim Remedial Measure (IRM) work plan dated September 4, 2013 as well as the work plan addendum dated February 28, 2019. The original work plan was prepared in accordance with the provisions of the March 2, 2010 Order on Consent (#A1-0631-01-10) (which was amended with an Amendment to Order on Consent and Administrative Settlement dated, November 7, 2018) as well as a Modification to the Order on Consent issued on January 4, 2012 and signed by the New York State Department of Environmental Conservation (NYSDEC) on June 26, 2012.

Soil Excavation

On March 20, 2020, Action Trucking, Inc. excavated the above referenced area with oversight provided by qualified personnel or Nelson, Pope & Voorhis (NPV). Excavation was conducted using a track mounted excavator and soils were removed to a depth of approximately one (1) foot below ground surface (bgs). All excavated soils were placed on plastic sheeting and stockpiled in the area immediately north of the excavation area to be held pending receipt of waste characterization results for disposal purposes. Photographs documenting the soil removal are provided in **Attachment A**.

Endpoint Sample Analysis

Following removal of impacted soils, a total of twelve (12) endpoint samples consisting of seven (7) sidewall and five (5) bottom samples were collected to confirm the adequate removal of impacted soils. All of the samples were analyzed for the presence of chlordane. Review of the sampling results revealed that chlordane was not detected in any of the endpoint samples collected. The analytical data sheets for the endpoint samples are provided in **Attachment B**. The locations of the endpoint samples are illustrated in **Figure 1**.

Soil Removal and Site Restoration

On April 9, 2020, 283.58 tons of soils were removed from the property and transported to the Soil Safe, Inc. – Metro 12 Recycling Facility in Carteret, New Jersey for disposal. Copies of the waste manifests and tonnage log for the soils transported from the subject property to this facility are provided in **Attachment C**.

Site restoration will be completed once suitable backfill material is obtained and subject to analytical testing consistent with NYSDEC requirement. Once the analytical data are received they will be forwarded to the NYSDEC for review and approval. Once approved the backfill material will be placed within the excavation, brought to surface grade, leveled and seeded in order to restore the site to its pre-remediation condition. Following restoration activities an addendum to this report will be provided to the NYSDEC detailing the origins and quantities of backfill materials, analytical results and restoration activities.

Air Monitoring

In accordance with the New York State Department of Health Community Air Monitoring Program (CAMP) airborne volatile organic compound and particulate monitoring was conducted using a photoionization detector and DustTrack DRX aerosol monitors for both upwind and downwind conditions. At no point during active excavation or soil loading activities did the air monitoring results detect volatile organic vapors in excess of established CAMP benchmark of five (5) parts per million (ppm) or airborne particulates that exceeded 100 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) above background levels per the CAMP benchmark for particulates. DustTrack monitoring logs are provided in **Attachment D**.

Groundwater Sampling Results

On April 14, 2020, Eastcoast Geoservices, under the supervision of NPV, installed a monitoring well immediately downgradient of the soil excavation area (**Figure 1**). The monitoring well was set at a total depth of 29 feet bgs and the depth to water was measured to a depth of 21.51 feet bgs. Following installation, approximately three to five volumes of water were removed from the monitoring well and sampled using a dedicated polyethylene bailer. Samples were placed in appropriate sample containers, delivered to Long Island Analytical Laboratories and analyzed for the presence of chlorinated pesticides as well as unfiltered and filtered TAL metals. Following collection of the groundwater sample the temporary well was removed.

Review of the analytical results for the groundwater sample collected revealed that no pesticides were detected in the groundwater sample and several metals were detected in both the unfiltered and filtered samples. Of the metals detected, only five (5) which included chromium, copper, iron, magnesium and sodium were found to exceed their respective NYSDEC TOGS 1.1.1 standards for Class GA groundwater in the unfiltered sample. It should also be noted that the chromium detection in the unfiltered sample consists of trivalent chromium since hexavalent chromium was not detected in the sample. With regard to the filtered sample only three (3) metals which included iron, manganese and sodium were found to exceed their respective NYSDEC TOGS 1.1.1 standards for Class GA groundwater. All of the exceeding metals detected in the filtered sample are expected to have originated from natural sources commonly found within subsurface soils on Long Island. A summary of the groundwater results are provided in **Table 1**.

Groundwater sample analytical datasheets are provided in **Attachment E**.

Should you have any questions or should you wish to further discuss this report please feel free to contact me at your earliest convenience.

Very truly yours,
NELSON, POPE & VOORHIS



Eric C. Arnesen, PG
Project Manager/Hydrogeologist

cc: Jim Rigano, Esq. Rigano, LLC
Miriam E. Villani, Sahn Ward Coschignano

FIGURES

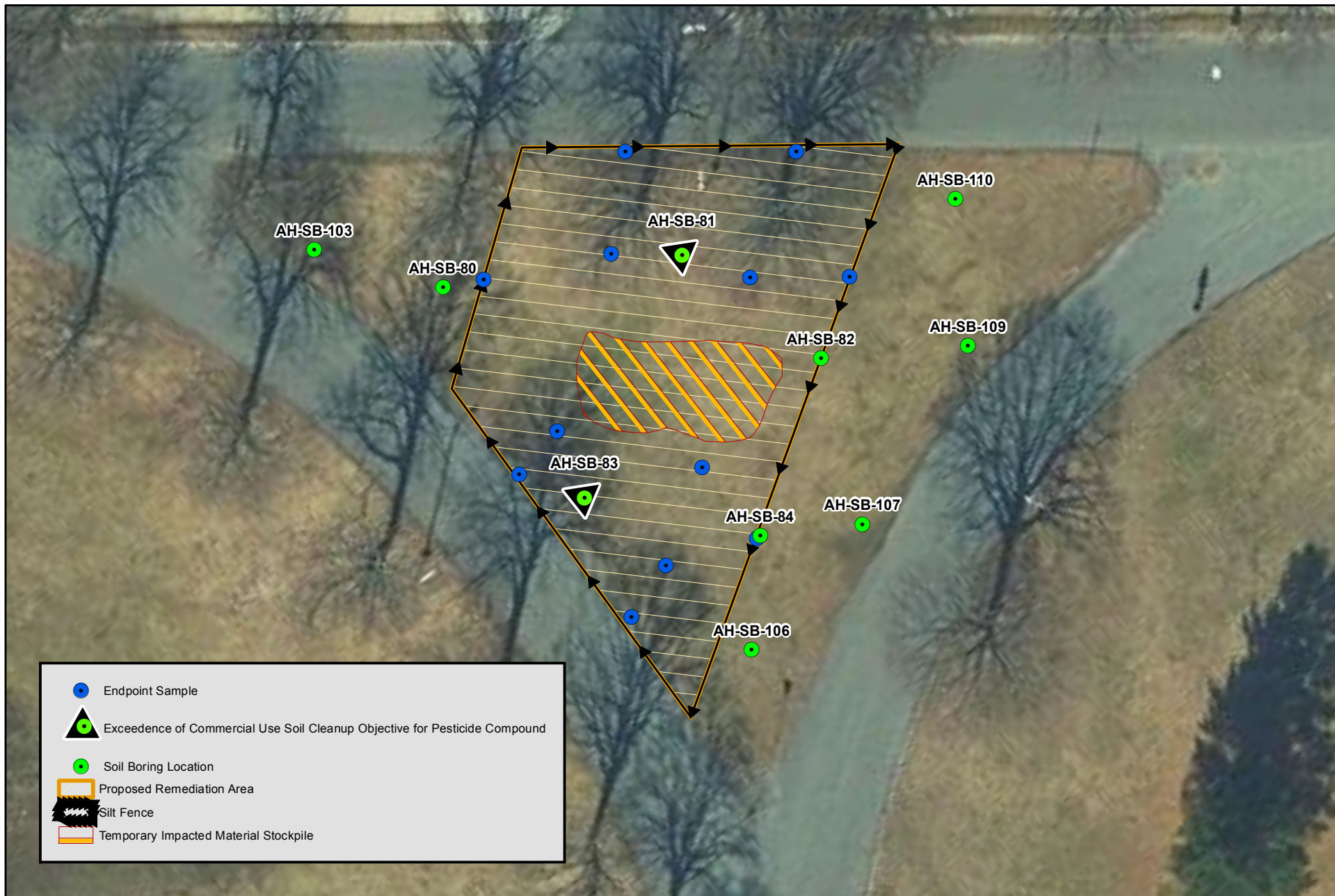


FIGURE 2
ENDPOINT SAMPLE LOCATION MAP

Source: NYS Orthophotography, 2016
Scale: 1 inch = 30 feet



TABLES

Table 1
Groundwater Sample Analytical Results

Constituents	GW-1		1.1.1 T.O.G.S
Pesticides	None Detected		
Constituents	GW-1 Unfiltered	GW-1 Filtered	1.1.1 T.O.G.S
Metals	mg/kg	mg/kg	mg/kg
Aluminum	12.9	1.43	NS
Barium	0.28	ND	1
Calcium	14.4	12.9	NS
Chromium	0.24	ND	0.05
Chromium (Hexavalent)	ND	ND	0.05
Cobalt	0.06	ND	NS
Copper	0.11	ND	0.2
Iron	37.1	4.19	0.3
Magnesium	3.67	3.61	35
Manganese	6.45	4.44	0.3
Nickel	0.07	ND	0.1
Potassium	7.75	6.48	NS
Sodium	155	130	20
Zinc	1.01	0.18	2

Notes: ND – Non-detect; NS – No standard
 Bold and shaded indicates exceedance of NYSDEC 1.1.1 TOGS for Class GA groundwater
 Only those constituents detected are included in table.
 Results compared to standards for Class GA groundwater under 1.1.1 TOGS

ATTACHMENT A

PHOTO DOCUMENTATION











ATTACHEMENT B

**ENDPOINT SAMPLE
ANALYTICAL DATASHEET**



**LONG
ISLAND
ANALYTICAL
LABORATORIES INC.**

"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

Laboratory Report

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

LIAL# 0032016

April 01, 2020

Nelson, Pope & Voorhis
Eric Arnesen
572 Walt Whitman Road
Melville, NY 11747

Re: A. Holly Patterson

Dear Eric Arnesen,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on March 20, 2020. Long Island Analytical laboratories analyzed the samples on March 31, 2020 for the following:

CLIENT ID	ANALYSIS
SW-7	EPA 8081 B Chlordane
SW-1	EPA 8081 B Chlordane
B-1	EPA 8081 B Chlordane
B-3	EPA 8081 B Chlordane
SW-6	EPA 8081 B Chlordane
B-2	EPA 8081 B Chlordane
SW-3	EPA 8081 B Chlordane
SW-5	EPA 8081 B Chlordane
B-5	EPA 8081 B Chlordane
B-4	EPA 8081 B Chlordane
SW-4	EPA 8081 B Chlordane
SW-2	EPA 8081 B Chlordane

Samples received at 2.1 ° C

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories Inc. is a NELAP accredited laboratory. All reported results meet the requirements of the NELAP standards unless noted. Report shall not be reproduced except in full without the written approval of the laboratory. Results related only to items tested. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,



Long Island Analytical Laboratories, Inc.

Michael Veraldi - Laboratory Director

Client: Nelson, Pope & Voorhis	Client ID: A. Holly Patterson
Date Sampled: 03/20/2020	Date Extracted: 03/30/2020
Date Received: 03/20/2020	Date Analyzed: 03/31/2020
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Preparation Method: EPA 3545 A
Analytical Method: EPA 8081 B

LAB ID #	CLIENT SAMPLE ID	PARAMETER	LOQ	RESULT	UNITS	FLAG
0032016-01	SW-7	Chlordane	16.0	<16.0	ug/kg dry	
0032016-02	SW-1	Chlordane	16.1	<16.1	ug/kg dry	
0032016-03	B-1	Chlordane	15.9	<15.9	ug/kg dry	
0032016-04	B-3	Chlordane	16.0	<16.0	ug/kg dry	
0032016-05	SW-6	Chlordane	31.5	<31.5	ug/kg dry	3.A
0032016-06	B-2	Chlordane	16.1	<16.1	ug/kg dry	
0032016-07	SW-3	Chlordane	16.1	<16.1	ug/kg dry	
0032016-08	SW-5	Chlordane	15.6	<15.6	ug/kg dry	
0032016-09	B-5	Chlordane	20.3	<20.3	ug/kg dry	
0032016-10	B-4	Chlordane	15.0	<15.0	ug/kg dry	
0032016-11	SW-4	Chlordane	15.9	<15.9	ug/kg dry	
0032016-12	SW-2	Chlordane	32.3	<32.3	ug/kg dry	3.A

Data Qualifiers Key Reference:

3.A Reporting limit raised due to matrix interference.
MDL Minimum Detection Limit
LOQ Limit of Quantitation



**LONG
ISLAND
ANALYTICAL
LABORATORIES INC.**

"TOMORROW'S ANALYTICAL SOLUTIONS TODAY"

110 Colin Drive • Holbrook, New York 11741

Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS NPV 572 WALT BURNHAM RD. MELVILLE NY 11747				CONTACT: Eric Anderson PHONE: 631-427-5145 EMAIL:		SAMPLER (SIGNATURE) Eric Anderson		SAMPLER NAME (PRINT) Eric Anderson		SAMPLES RECEIVED AT 2.1 °C		SAMPLES SEaled YES / NO		CORRECT CONTAINER(S) YES / NO		0032016	
PROJECT LOCATION: A. Hany Patterson				TERMS & CONDITIONS: Accounts are payable in full within thirty days, outstanding balances accrue service charges of 1.5% per month. Tendering of samples to LIAL for analytical testing constitutes agreement by buyer/sampler to LIAL's Standard terms													
LABORATORY ID #	MATRIX	TYPE	PH	RES. CHLORINE	PRES.	DATE	TIME	SAMPLE #	LOCATION	ANALYSIS REQUIRED	# OF CONTAINERS						
For Laboratory Use Only																	
Q032016.01	S	G	-	-	-	12/3/2016	1004	Sw-7		X							
2. / 02							1007	Sw-1		X							
3. / 03							1008	B-1		X							
4. / 04							1012	B-3		X							
5. / 05							1014	Sw-6		X							
6. / 06							1025	B-2		X							
7. / 07							1026	Sw-3		X							
8. / 08							1146	Sw-5		X							
9. / 09							1147	B-5		X							
10. / 10							1149	B-4		X							
11. / 11							1150	Sw-4		X							
12. / 12							1247	Sw-2		X							
13.																	
14.																	

MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WIRE;
PC=PAINT CHIPS; BM=BULK MATERIAL; O=OIL; WW=WASTE WATER
TYPE: G=GRAB; C=COMPOSITE; SS=SPLIT SPOON
PRES: (1) ICE; (2) HCL; (3) H₂SO₄; (4) NaOH; (5) Na₂S₂O₃; (6) HNO₃; (7) OTHER

RELINQUISHED BY (SIGNATURE) Eric Anderson
DATE 3/26/20
TIME 3:44
PRINTED NAME Eric Anderson

RELINQUISHED BY (SIGNATURE) Eric Anderson
DATE 3/26/20
TIME 3:44
PRINTED NAME Eric Anderson

ATTACHEMENT C

WASTE DISPOSAL DOCUMENTATION

Tonnages for M6-2096 by Date, Log Number

From 4/1/2020

To 4/30/2020

Date	Log #	Truck Number	Truck Company	City	Batch#	Net
------	-------	--------------	---------------	------	--------	-----

M6-2096

4/9/2020

4/9/2020	10	408	sva		1000	25.78
4/9/2020	12	817	sva		1000	29.27
4/9/2020	13	672	sva		1000	26.41
4/9/2020	15	999	jencar		1000	27.25
4/9/2020	18	175	jencar		1000	29.08
4/9/2020	29	408	sva		1000	26.87
4/9/2020	33	817	sva		1000	30.25
4/9/2020	34	672	sva		1000	26.23
4/9/2020	38	999	jencar		1000	31.17
4/9/2020	44	175	jencar		1000	31.27

Total volume for Date = 4/9/2020 (10 detail records) 283.58 Average Weight: 28.358

Total Volume for Approval Number' = M6-2096 (10 detail records)

283.58

Total Trucks: 10

Grand Total

283.58

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name HOLLY PATTERSON EXTENDING Shipping Location Care
Address 875 JERUSHAN AVE Address Same
UNIONDALE, NEW YORK 11553
Phone No. 516-242-3315 Phone No. _____

Log Number
<u>44</u> 96120

Approval
Number
M6
2096

Description of Material

Non-Hazardous Soil
NON-REGULATED PETROLEUM
CONTAMINATED SOIL
NON DDT / RCRA
REGULATED

ID 175

GROSS

TARE

GROSS	46.31 TN	RECALLED
TARE	15.04 TN	
NET	31.27 TN	

TONNAGE

04/09/2020 02:21PM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

F. DEGENZIA AS AGENT FOR [Signature] 4/9/20
Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name JENCAR TRUCKING Driver Name (Print) MILTON SUAREZ
Address _____ Vehicle License No./State AW847H NJ
Truck Number 67

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] 04-09-2020 [Signature] _____
Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name SSI-Metro12 Phone No. 800-562-4365
Address 300 Salt Meadow Road, Carteret, NJ 07008

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature] [Signature] 4/9/20
Name of Authorized Agent Signature Receipt Date

White - Facility

Green - Facility

Yellow - Generator

Pink - Broker

Goldenrod - Contractor

Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Log Number

(38)

96119

Generator Name Holly Patterson Extended Care Shipping Location _____
Address 875 Jerusalem Ave Address SAME
Uniondale, New York 11553
Phone No. 516-242-3315 Phone No. _____

Approval
Number

M6-2096

Description of Material

Non-Hazardous Soil
Non Regulated Petroleum
Contaminated Soil
Now DOT/RCRA Regulated

ID 999

GROSS

GROSS 45.50 TN

TARE 14.33 TN RECALLED TARE

NET 31.17 TN

NET

04/09/2020 01:35PM

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

F. DEGRAZIA as AGENT FOR
Generator Authorized Agent Name

Signature

4/9/20
Shipment Date

TRANSPORTER

Transporter Name Jencar Trucking Driver Name (Print) Sergio
Address _____ Vehicle License No./State AT5584
Truck Number 59

I hereby certify that the above named material was
picked up at the generator site listed above.

I hereby certify that the above named material was
delivered without incident to the destination listed below.

Driver Signature

4-9-20
Shipment Date

Driver Signature

4-9-20
Delivery Date

DESTINATION

Site Name SSI-Metro12 Phone No. 800-562-4365

Address 300 Salt Meadow Road, Carteret, NJ 07008

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent

Signature

4/9/20
Receipt Date

White - Facility

Green - Facility

Yellow - Generator

Pink - Broker

Goldenrod - Contractor

Blue - Trucking Co.

SOIL SAFE, INC.

Log Number

34

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name HOLLY PATTERSON EXT. CARE Generator Site/Location _____

Address 875 JERUSALEM AVE Address SAME
UNIONDALE, N.Y. 11553

Phone No. _____ Phone No. _____

Approval
Number

M6-20916

Description of Material

Non-Regulated Petroleum
Contaminated Soil

Non DOT/RCRA Regulated

GROSS

ID 672

TARE

GROSS	41.11 TN	NET
TARE	14.88 TN	RECALLED
NET	26.23 TN	TONNAGE

04/09/2020 01:03PM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

F. DEGRAZIA AS AGENT FOR [Signature] 4/9/20
 Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name SVA Driver Name (Print) ALANSON L.
 Address _____ Vehicle License No. / State / EPA No. AV6622
 Truck Number 08

I hereby certify that the above named material was picked up at the generator site listed above.

[Signature] 4-9-20
 Driver Signature Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] 4-9-20
 Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
 Address ~~300 Route 130 Logan Township, NJ 08095~~ 300 SALT ROAD CARLTON, NJ 08005
 No left turn on Rt. 130 North into the facility.
 Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature] [Signature] 4/9/20
 Name of Authorized Agent Signature Receipt Date

White - Facility

Green - Facility

Yellow - Generator

Pink - Broker

Goldenrod - Contractor

Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Log Number

33 136784

Generator Name HOLLY PATTERSON EXT. CARE Shipping Location _____Address 875 JERUSALEM AVE Address SAME
UNIONDALE, NY 11553

Phone No. _____ Phone No. _____

Approval
Number

MK-2096

Description of Material

Non-Hazardous Soil

GROSS

ID 817

TARE

GROSS 44.29 TN
TARE 14.04 TN RECALLED
NET 30.25 TN

TONNAGE

04/09/2020 01:01PM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

F. DEGRAZIA AS AGENT FOR [Signature] 4/9/20
Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name SVA trucking Driver Name (Print) Herber Martinez
Address _____ Vehicle License No./State AV4114
Truck Number #2

I hereby certify that the above named material was picked up at the generator site listed above.

[Signature] 4-9-2020
Driver Signature Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] 4-9-2020
Driver Signature Delivery Date

DESTINATION

Site Name SSI-Metro12 Phone No. 800-562-4365Address 300 Salt Meadow Road, Carteret, NJ 07008

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature] [Signature] 4/9/20
Name of Authorized Agent Signature Receipt Date

White - Facility

Green - Facility

Yellow - Generator

Pink - Broker

Goldenrod - Contractor

Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Log Number

136445

29

Generator Name HOLLY PATTERSON EXT. CARE Shipping Location _____
Address 875 Jerusalem Ave Address 875 Jerusalem Ave
Uniondale, NY Uniondale, NY
Phone No. _____ Phone No. _____

Approval
Number

#M6-2096

Description of Material

Non-Hazardous Soil

GROSS

ID 408

TARE

GROSS 41.54 TN

TARE 14.67 TN

NET 26.87 TN

RECALLED NET

TONNAGE

04/09/2020 12:10PM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

F. DEGRAZIA AS AGENT FOR

Generator Authorized Agent Name

Signature

4/9/20
Shipment Date

TRANSPORTER

Transporter Name SUA Driver Name (Print) Edimar Ortiz
Address _____ Vehicle License No./State AW 9562
Truck Number 10

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature

9-April-20
Shipment Date

Driver Signature

9-April-20
Delivery Date

DESTINATION

Site Name SSI-Metro12 Phone No. 800-562-4365Address 300 Salt Meadow Road, Carteret, NJ 07008

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent

Signature

4/9/20
Receipt Date

White - Facility

Green - Facility

Yellow - Generator

Pink - Broker

Goldenrod - Contractor

Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name HOLLY PATTERSON EXTEND ^{ONE} Shipping Location _____
Address 875 JEWELL AVE Address Same
UNIONDALE, NEW YORK 11553
Phone No. 516-242-3318 Phone No. _____

Log Number
(18) 119272

Approval
Number
N6
2096

Description of Material

Non-Hazardous Soil
NON REGULATED PETROLEUM
CONTAMINATED SOIL
NOV-DI/RCRA
REGULATED

ID 175

GROSS

GROSS	44.12 TN	TARE
TARE	15.04 TN	RECALLED
NET	29.08 TN	NET

04/09/2020 10:17AM TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

F. REGAN ^{AS AGENT FOR} [Signature] 4/9/20
Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name JEN CAR TRUCKING Driver Name (Print) MILTON SWARTZ
Address _____ Vehicle License No./State AW847H NJ
Truck Number 67

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

M/H 04-09-2020 M/H
Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name SSI-Metro12 Phone No. 800-562-4365
Address 300 Salt Meadow Road, Carteret, NJ 07008

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature] [Signature] 4/9/20
Name of Authorized Agent Signature Receipt Date

White - Facility

Green - Facility

Yellow - Generator

Pink - Broker

Goldenrod - Contractor

Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Holly Patterson Extended Care Shipping Location _____
Address 875 Jerusalem Ave Address SAME
Uniondale, New York 11553
Phone No. 516-242-3315 Phone No. _____

Log Number <u>15</u> 96118

Approval Number <u>MB-2096</u>

Description of Material
Non-Hazardous Soil
Non Regulated Petroleum
Contaminated Soil
NON-DOT/RCRA Regulated

ID 999	GROSS
GROSS 41.58 TN	TARE
TARE 14.33 TN	RECALLED
NET 27.25 TN	NET
04/09/2020 09:57AM TONNAGE	

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

F. DEGIRO AS AGENT FOR [Signature] 4/9/20
Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name Jencar Trucking Driver Name (Print) Sergio
Address _____ Vehicle License No./State AT558Y
Truck Number 59

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] 4-9-20 [Signature] 4-9-20
Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name SSI-Metro12 Phone No. 800-562-4365
Address 300 Salt Meadow Road, Carteret, NJ 07008

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature] [Signature] 4/9/20
Name of Authorized Agent Signature Receipt Date

SOIL SAFE, INC.

Log Number

13

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name HOLLY PATTERSON EXTENDED CARE Generator Site/Location SAME
 Address 875 JERUSALEM AVE Address SAME
UNIONDALE, N.Y. 11553
 Phone No. (516) 242-3315 Phone No. _____

Description of Material

Approval
Number

M6-2096

Non-Regulated Petroleum
Contaminated Soil

Non DOT/RCRA Regulated

GROSS

ID 672

TARE

GROSS 41.29 TN

TARE 14.88 TN

NET 26.41 TN

RECALL NET

TONNAGE

04/09/2020 09:41AM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

F. DEGIOIA AS AGENT FOR [Signature] 4/9/20
 Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name SVA Driver Name (Print) Alexson T.
 Address _____ Vehicle License No. / State / EPA No. AV6622
 Truck Number 08

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] 4-9-20
 Driver Signature Shipment Date

[Signature] 4/9/20
 Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
 Address 300 SALT MEADOW ROAD BRIDGEPORT, NJ 08005
 No left turn on Rt. 130 North into the facility.
 Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature] 4/9/20
 Name of Authorized Agent Signature Receipt Date

SOIL SAFE, INC.

Log Number

12

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name HOLLY PATERSON EXTENDED CNGS Generator Site/Location 875 JERUSALEM AVE
 Address UNIONDALE, N.Y. 11553 Address SAME
 Phone No. (516) 242-3315 Phone No. _____

Approval
Number

M6-2096

Description of Material

Non-Regulated Petroleum
Contaminated Soil

Non DOT/RCRA Regulated

ID 817

GROSS

GROSS 43.31 TN
TARE 14.04 TN
NET 29.27 TN

TARE

NET

04/09/2020 09:38AM

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

F. DEGRADIA AS AGENT FOR [Signature] 4/9/20
 Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name SVA trucking Driver Name (Print) Herber Martinez
 Address _____ Vehicle License No. / State / EPA No. AD 4114
 Truck Number # 2

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] 4-8-2020 [Signature] 4-8-2020
 Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe, Inc. -- Bridgeport Phone No. 1-856-467-8030
 Address 378 Route 130, Logan Township, NJ 08085 Metro 12 Carteret NJ
 No left turn on Rt. 130 North into the facility.
 Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature] [Signature] 4/9/20
 Name of Authorized Agent Signature Receipt Date

White - Facility

Green - Facility

Yellow - Generator

Pink - Broker

Goldenrod - Contractor

Blue - Trucking Co.

SOIL SAFE, INC.

Log Number

10

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name HOLLY PATTERSON EX. CARE Generator Site/Location HOLLY PATTERSON EX. CARE
 Address 875 JERUSALEM AVE Address 875 JERUSALEM
UNIONDALE, NY. UNIONDALE, NY.
 Phone No. _____ Phone No. _____

Description of Material

Approval
Number

M6-2096

Non-Regulated Petroleum
Contaminated Soil

Non DOT/RCRA Regulated

ID 408

GROSS

GROSS	40.45 TN	TARE
TARE	14.67 TN	RECALLED
NET	25.78 TN	NET

04/09/2020 09:04AM TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

F. DEGIROIA AS AGENT FOR [Signature] 4/9/20
 Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name SVA Driver Name (Print) Edimar Ortiz
 Address _____ Vehicle License No. / State / EPA No. AW9562
 Truck Number #10

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] 9-April-20 [Signature] 9-April-20
 Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
 Address 370 Route 130 Logan Township, NJ 08805 M12 300 Salt Meadow Rd
Carteret, NJ
 No left turn on Rt. 130 North into the facility.
 Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature] [Signature] 4/9/20
 Name of Authorized Agent Signature Receipt Date

White - Facility

Green - Facility

Yellow - Generator

Pink - Broker

Goldenrod - Contractor

Blue - Trucking Co.

ATTACHEMENT D

DUSTTRACK MONITORING LOGS

ATTACHMENT E

**GROUNDWATER SAMPLE
ANALYTICAL DATASHEETS**

**LONG
ISLAND
ANALYTICAL
LABORATORIES INC.****"TOMORROWS ANALYTICAL SOLUTIONS TODAY"**Laboratory ReportNYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

LIAL# 0041423

April 24, 2020

Nelson, Pope & Voorhis
Eric Arnesen
572 Walt Whitman Road
Melville, NY 11747

Re: 875 Jerusalem Ave

Dear Eric Arnesen,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on April 14, 2020. Long Island Analytical laboratories analyzed the samples on April 23, 2020 for the following:

SAMPLE ID	ANALYSIS
GW-1	EPA 8081 B, TAL Filtered Metals, TAL Target Analyte List

Samples received at 2.7 ° C

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories Inc. is a NELAP accredited laboratory. All reported results meet the requirements of the NELAP standards unless noted. Report shall not be reproduced except in full without the written approval of the laboratory. Results related only to items tested. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,

Long Island Analytical Laboratories, Inc.**Michael Veraldi - Laboratory Director**

Client: Nelson, Pope & Voorhis	Client ID: 875 Jerusalem Ave
Date (Time) Collected: 04/14/2020 09:55	Sample ID: GW-1
Date (Time) Received: 04/14/2020 11:51	Laboratory ID: 0041423-01
Matrix: Non-Potable Water	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
4,4'-DDD	72-54-8	2.00	<2.00	ug/L	4.T
4,4'-DDE	72-55-9	2.00	<2.00	ug/L	
4,4'-DDT	50-29-3	2.00	<2.00	ug/L	4.T
Aldrin	309-00-2	2.00	<2.00	ug/L	
alpha-BHC	319-84-6	2.00	<2.00	ug/L	4.T
beta-BHC	319-85-7	2.00	<2.00	ug/L	4.G, 4.T
Chlordane	12789-03-6	2.00	<2.00	ug/L	
cis-Chlordane	5103-71-9	2.00	<2.00	ug/L	4.T
delta-BHC	319-86-8	2.00	<2.00	ug/L	4.G, 4.T
Dieldrin	60-57-1	2.00	<2.00	ug/L	4.G, 4.T
Endosulfan I	959-98-8	2.00	<2.00	ug/L	4.G, 4.T
Endosulfan II	33213-65-9	2.00	<2.00	ug/L	4.G, 4.T
Endosulfan Sulfate	1031-07-8	2.00	<2.00	ug/L	4.G, 4.T
Endrin	72-20-8	2.00	<2.00	ug/L	4.G, 4.T
Endrin Aldehyde	7421-93-4	2.00	<2.00	ug/L	4.G, 4.T
Endrin Ketone	53494-70-5	2.00	<2.00	ug/L	4.M, 4.G
gamma-BHC	58-89-9	2.00	<2.00	ug/L	4.T
Heptachlor	76-44-8	2.00	<2.00	ug/L	
Heptachlor Epoxide	1024-57-3	2.00	<2.00	ug/L	4.G, 4.T
Methoxychlor	72-43-5	2.00	<2.00	ug/L	4.M, 4.G, 4.T
Toxaphene	8001-35-2	2.00	<2.00	ug/L	
trans-Chlordane	5103-74-2	2.00	<2.00	ug/L	4.T

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	81	57.4-130	
Tetrachloro-m-xylene	877-09-8	75	51.9-129	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	143	50-200	

Date Prepared: 04/23/2020

Preparation Method: EPA 3510 C

Date Analyzed: 04/23/2020

Analytical Method: EPA 8081 B

Client: Nelson, Pope & Voorhis	Client ID: 875 Jerusalem Ave
Date (Time) Collected: 04/14/2020 09:55	Sample ID: GW-1
Date (Time) Received: 04/14/2020 11:51	Laboratory ID: 0041423-01
Matrix: Non-Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Aluminum	04/16/2020	EPA 200.7, Rev. 4.4(1994)	0.25	12.9	mg/L	
Antimony	04/16/2020	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	
Arsenic	04/16/2020	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	
Barium	04/16/2020	EPA 200.7, Rev. 4.4(1994)	0.05	0.28	mg/L	
Beryllium	04/16/2020	EPA 200.7, Rev. 4.4(1994)	0.02	<0.02	mg/L	
Cadmium	04/16/2020	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	
Calcium	04/16/2020	EPA 200.7, Rev. 4.4(1994)	0.10	14.4	mg/L	
Chromium	04/16/2020	EPA 200.7, Rev. 4.4(1994)	0.05	0.24	mg/L	
Cobalt	04/16/2020	EPA 200.7, Rev. 4.4(1994)	0.05	0.06	mg/L	
Copper	04/16/2020	EPA 200.7, Rev. 4.4(1994)	0.05	0.11	mg/L	
Iron	04/16/2020	EPA 200.7, Rev. 4.4(1994)	0.20	37.1	mg/L	
Lead	04/16/2020	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	
Magnesium	04/16/2020	EPA 200.7, Rev. 4.4(1994)	0.10	3.67	mg/L	
Manganese	04/16/2020	EPA 200.7, Rev. 4.4(1994)	0.05	6.45	mg/L	
Nickel	04/16/2020	EPA 200.7, Rev. 4.4(1994)	0.05	0.07	mg/L	
Potassium	04/16/2020	EPA 200.7, Rev. 4.4(1994)	0.25	7.75	mg/L	
Selenium	04/16/2020	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	
Silver	04/16/2020	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	
Sodium	04/16/2020	EPA 200.7, Rev. 4.4(1994)	2.50	155	mg/L	4.C, 4.N
Thallium	04/16/2020	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	
Vanadium	04/16/2020	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	
Zinc	04/16/2020	EPA 200.7, Rev. 4.4(1994)	0.05	1.01	mg/L	

Date Prepared: 04/16/2020

Preparation Method: EPA 200.2

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	04/22/2020	EPA 245.1, Rev. 3.0(1994)	0.002	<0.002	mg/L	

Date Prepared: 04/16/2020

Preparation Method: EPA 245.1

Client: Nelson, Pope & Voorhis	Client ID: 875 Jerusalem Ave
Date (Time) Collected: 04/14/2020 09:55	Sample ID: GW-1
Date (Time) Received: 04/14/2020 11:51	Laboratory ID: 0041423-01
Matrix: Non-Potable Water	ELAP: #11693

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Hexavalent Chromium	04/14/2020	EPA 7196 A	0.100	<0.100	mg/L	

Date Prepared: 04/14/2020

Preparation Method: No Prep Metals



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110 Colin Drive • Holbrook, New York 11741

Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: Nelson, Pope & Voorhis	Client ID: 875 Jerusalem Ave
Date (Time) Collected: 04/14/2020 09:55	Sample ID: GW-1
Date (Time) Received: 04/14/2020 11:51	Laboratory ID: 0041423-01
Matrix: Non-Potable Water	ELAP: #11693

Filtered Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Aluminum	04/20/2020	EPA 200.7, Rev. 4.4(1994)	0.05	1.43	mg/L	
Antimony	04/20/2020	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	
Arsenic	04/20/2020	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	
Barium	04/20/2020	EPA 200.7, Rev. 4.4(1994)	1.00	<1.00	mg/L	
Beryllium	04/20/2020	EPA 200.7, Rev. 4.4(1994)	0.02	<0.02	mg/L	
Cadmium	04/20/2020	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	
Calcium	04/20/2020	EPA 200.7, Rev. 4.4(1994)	0.10	12.9	mg/L	
Chromium	04/20/2020	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	
Cobalt	04/20/2020	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	
Copper	04/20/2020	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	
Iron	04/20/2020	EPA 200.7, Rev. 4.4(1994)	0.20	4.19	mg/L	
Lead	04/20/2020	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	
Magnesium	04/20/2020	EPA 200.7, Rev. 4.4(1994)	0.05	3.61	mg/L	
Manganese	04/20/2020	EPA 200.7, Rev. 4.4(1994)	0.05	4.44	mg/L	
Nickel	04/20/2020	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	
Potassium	04/20/2020	EPA 200.7, Rev. 4.4(1994)	0.25	6.48	mg/L	
Selenium	04/20/2020	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	
Silver	04/20/2020	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	
Sodium	04/20/2020	EPA 200.7, Rev. 4.4(1994)	0.10	130	mg/L	
Thallium	04/20/2020	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	
Vanadium	04/20/2020	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	
Zinc	04/20/2020	EPA 200.7, Rev. 4.4(1994)	0.05	0.18	mg/L	

Date Prepared: 04/17/2020

Preparation Method: EPA 200.2

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	04/22/2020	EPA 245.1, Rev. 3.0(1994)	0.002	<0.002	mg/L	

Date Prepared: 04/17/2020

Preparation Method: EPA 245.1 Filtered

Data Qualifiers Key Reference:

4.C	Target compound found in blank.
4.G	Spike recovery out of range due to matrix interference.
4.M	LCS recovery was above QC acceptance limit.
4.N	LCS recovery was below QC acceptance limit.
4.T	Sample Matrix Spike/Spike Dup RPD is above acceptable range.
MDL	Minimum Detection Limit
LOQ	Limit of Quantitation



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CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS NYS 572 Collins Blvd Holbrook, NY 11741				CONTACT: Eric Ambrose PHONE: (631) 427-5665 EMAIL:		SAMPLER (SIGNATURE) Eric Ambrose		SAMPLER NAME (PRINT) Eric Ambrose		SAMPLE(S) SEALED YES / NO		IN	
PROJECT LOCATION: 875 Tennesse Ave				TERMS & CONDITIONS: Accounts are payable in full within thirty days, outstanding balances accrue service charges of 1.5% per month. Tendering of samples to LIAL for analytical testing constitutes agreement by buyer/sampler to LIAL's Standard terms.		SAMPLES RECEIVED AT 27 °C		ANALYSIS REQUIRED 8081 TAL METALS TAL METALS FULL		CORRECT CONTAINERS YES / NO		0041423 Y	
LABORATORY ID #	MATRIX	TYPE	PH	RES. CHLORINE	PRES.	DATE	TIME	SAMPLE #	LOCATION	ANALYSIS REQUIRED			
004142301	W	C				4/14/02	9:35	602-1		X	X		
2.													
3.													
4.													
5.													
6.													
7.													
8.													
9.													
10.													
11.													
12.													
13.													
14.													

HMBB
 CLIENT <v

MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WASTE WATER
PC=PAINT CHIPS; BM= BULK MATERIAL; O=OIL; WW=WASTE WATER
TYPE: G=GRAB; C=COMPOSITE; SS=SPLIT SPOON
PRES: (1) ICE; (2) HCL; (3) H₂SO₄; (4) NaOH; (5) Na₂SO₃; (6) HNO₃; (7) OTHER

RELINQUISHED BY (SIGNATURE) Eric Ambrose		DATE 4/14/02	TIME 11:51	PRINTED NAME Eric Ambrose	TURNAROUND REQUIRED: <input checked="" type="checkbox"/> NORMAL <input type="checkbox"/> STAT	COMMENTS / INSTRUCTIONS	RECEIVED BY (SIGNATURE) Ben Lamberson	DATE 4/14/02	TIME 11:51A	PRINTED NAME Ben Lamberson
RELINQUISHED BY (SIGNATURE)		DATE	TIME	PRINTED NAME	TURNAROUND REQUIRED:	COMMENTS / INSTRUCTIONS	RECEIVED BY (SIGNATURE)	DATE	TIME	PRINTED NAME