

**Appendix D -3**  
**Remediation Documentation**



**NELSON, POPE & VOORHIS, LLC**

ENVIRONMENTAL • PLANNING • CONSULTING  
572 WALT WHITMAN ROAD, MELVILLE, NY 11747 - 2188  
(631) 427-5665 FAX (631) 427-5620  
www.nelsonpoppevoorhis.com

July 3, 2014

Chairman Kass and Members of the Planning Board  
Village of North Hills  
One Shelter Rock Road  
North Hills, New York 11576

Re: Phase I ESA Documentation  
251 Searingtown Road, North Hills, NY  
NPV #13008

Dear Chairman Kass and Members of the Planning Board:

Nelson, Pope & Voorhis, LLC (“NP&V”) was retained by the property owner to prepare a Phase I Environmental Site Assessment (“ESA”) and conduct various follow up investigations on the subject property. Pursuant to your request, enclosed please find the Phase I ESA (dated August 23, 2013). Additionally, the Phase II ESA (dated November 13, 2013) is enclosed, which details various investigations of environmental conditions on the property. Since the preparation of the Phase II ESA, additional work was conducted to investigate and address environmental conditions on the property. These activities are outlined below:

1. Additional investigation was performed to confirm whether the former building was connected to the public sewer system (see **Attachment 1**). These investigations indicated that the former building was not connected to the public sewer system. The sanitary waste pipe connection from the former house was cut and sealed approximately 100 feet from the former building. Additional investigation is planned to locate the on-site cesspools and properly abandon the system in accordance with Nassau County Dept. of Health and EPA requirements.
2. The contaminated sediment within the existing storm drains in the driveway and parking area was removed. Waste manifests documenting the proper disposal of this sediment are provided as **Attachment 2**.
3. The on-site fuel oil tank was abandoned and removed (see **Attachment 3**).

Please feel free to contact use with any questions or concerns. Thank you.

Very truly yours,  
**NELSON, POPE & VOORHIS, LLC**

Carrie O'Farrell, ACIP  
Partner/Division Manager

Encl/

Cc: Anthony Guardino, Farrell Fritz  
Irene Ho, Manhasset Bay Group, Inc.

**Attachment 1**  
**Sanitary System Investigation**



**NELSON, POPE & VOORHIS, LLC**

ENVIRONMENTAL • PLANNING • CONSULTING  
572 WALT WHITMAN ROAD, MELVILLE, NY 11747- 2188  
(631) 427-5665 FAX (631) 427-5620  
www.nelsonpopevoorhis.com npv@nelsonpope.com

November 25, 2013

The Manhasset Bay Group  
c/o Charles M. Strain, Partner  
Farrell Fritz, P.C.  
1320 RXR Plaza  
Uniondale, New York 11556

Re: Sewer Disconnection Letter  
251 Searingtown Road, Manhasset

Dear Ms. Ho:

Nelson, Pope & Voorhis, LLC (NP&V) personnel completed a dye test on the existing sanitary system in order to confirm whether or not the building was connected to the Nassau County Municipal Sewage Collection System. In order to make this determination, dye was placed in the clean out pipe located off the southeast corner of the house and water was pumped into the pipe. Three (3) Nassau County Sewer manhole covers located on the west side of Searingtown Road were opened and inspected for evidence of any dye. No evidence was observed in any of the manholes. In order to determine if the sewer connection had been completed in the area of the old (original) driveway on the Long Island Expressway North Service Road a manhole located downstream of the subject property was inspected for evidence of dye. Again, no dye was observed in this manhole confirming the subject property was never connected the Nassau County Municipal Sewage Collection System.

Based on the information provided above, NP&V personnel witnessed the pipe camera inspection and location survey, excavation of the on-site sanitary system pipe and capping of this pipe on November 13, 2013. Specifically, the pipe camera inspection determined the location of the pipe approximately 100 feet away from the southeast corner of the house. This area was excavated and a clay pipe was found approximately 14 feet below grade. The pipe was broken and sealed with concrete to prevent any future use of the on-site system. Attached are photographs documenting the capping of the pipe.

Please do not hesitate to contact me if you have any questions.

Very truly yours,  
Nelson, Pope & Voorhis, LLC

Steven J. McGinn  
Partner/Division Manager

1. Photograph of septic system disconnection



2. Photograph of disconnected and concrete capped pipe.



**Attachment 2**  
**Storm Drain Waste Manifests**

13-20226

Please print or type  
(Form designed for use on elite (12-pitch) typewriter.)

**NON-HAZARDOUS  
WATER MANIFEST**

1. Generator's US EPA ID No. . . . .  
Manifest Doc. No. **57432**  
2. Page 1 of **NHWM57432**

3. Generator's Name and Mailing Address  
**Commercial Property  
251 Scarsington Rd  
Manhasset**

4. Generator's Phone ( )  
5. Transporter 1 Company Name **AARCO ENVIRONMENTAL SERVICES CORP.**  
6. US EPA ID Number **N.Y.R.0.0.0.1.0.7.3.2.6**  
A. Transporter's Phone **631-586-5900**

7. Transporter 2 Company Name  
8. US EPA ID Number  
B. Transporter's Phone

9. Designated Facility Name and Site Address  
**Triunvirate  
42-14 19th Ave Astoria, NY**  
10. US EPA ID Number **NYD077444263**  
C. Facility's Phone **718-274-3359**

11. Waste Shipping Name and Description	12. Containers		13. Total Quantity	14. Unit Wt/Vol
	No.	Type		
a. <b>Non-Haz Contaminated Dirt</b>	<b>1</b>	<b>Dm</b>	<b>400</b>	<b>P</b>
b.	.	.	.	.
c.	.	.	.	.
d.	.	.	.	.

D. Additional Descriptions for Materials Listed Above  
**NYC103113 1-556**  
E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information  
**EMERGENCY PHONE # 631-586-5900**

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name **Anthony Mastandrea Agent for** Signature **Anthony Mast** Month **10** Day **24** Year **13**

17. Transporter 1 Acknowledgment of Receipt of Materials  
Printed/Typed Name **Anthony Mast** Signature **Anthony Mast** Month **10** Day **24** Year **13**

18. Transporter 2 Acknowledgment of Receipt of Materials  
Printed/Typed Name \_\_\_\_\_ Signature \_\_\_\_\_ Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 19.  
Printed/Typed Name **Ying Zhang** Signature **[Signature]** Month **10** Day **31** Year **13**

GENERATOR

TRANSPORTER

FACILITY

Please print or type  
(Form designed for use on elite (12-pitch) typewriter.)

**NON-HAZARDOUS  
WATER MANIFEST**

1. Generator's US EPA ID No.

Manifest Doc. No.  
**57483**

2. Page 1  
of

3. Generator's Name and Mailing Address

*251 Springtown Rd  
Manhasset NY*

4. Generator's Phone ( )

5. Transporter 1 Company Name

**AARCO ENVIRONMENTAL SERVICES CORP.**

6. US EPA ID Number

**N.Y.R. 0,0,0,1,0,7,3,2,6**

A. Transporter's Phone

**631-586-5900**

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

*Clear Brook  
912 Nicolls Rd  
Deer Park NY*

10. US EPA ID Number

C. Facility's Phone

11. Waste Shipping Name and Description

a. *NON HAZARDOUS Solids*

12. Containers  
No. Type

13. Total  
Quantity

14. Unit  
Wt/Vol

*001 TT 0010 Y*

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

**EMERGENCY PHONE # 631-586-5900**

*John 1320226*

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

*Jonathan McGinn*

Signature

*[Signature]*

Month Day Year  
*11/11/13*

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name

*Michael Pellegrino*

Signature

*[Signature]*

Month Day Year  
*11/11/13*

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year  
. . .

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 19.

Printed/Typed Name

*Kristin Smith*

Signature

*[Signature]*

Month Day Year  
*11.11.13*

GENERATOR

TRANSPORTER

FACILITY

**ORIGINAL - RETURN TO GENERATOR**



Clearbrook TEI Company  
972 Nicolls Road  
Deer Park, NY 11729

CH  
Ticket: 1030129  
Date: 11/12/2013  
Time: 15:57:58 - 06:04:38

Truck: G542  
Customer: AARCO  
50 GEAR AVE  
LINDENHURST, NY 11757

License: 99116MB  
Generator: MANHASSET GROUP  
251 SEARINGTOWN RD  
MANHASSET, NY

Gross: 67280 lb In Manual Wt  
Tare: 47100 lb Out Manual Wt  
Net: 20180 lb

Comment:

Manifest: 57483

Origin	Materials & Services	Quantity	Unit
7/SUFFOLK	4DISPCS/Disposal of Contamina	10.09	Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: \_\_\_\_\_  
Tara B.

**Attachment 3**  
**NCDH Tank Removal Information**

Nassau County Department of Health  
 NASSAU COUNTY PUBLIC HEALTH ORDINANCE - ARTICLE XI  
 APPLICATION FOR A TOXIC OR HAZARDOUS MATERIALS  
 STORAGE FACILITY PERMIT  
 FORM I-GENERAL INFORMATION (SEE INSTRUCTION SHEET)

If applicable, check the following: <input type="checkbox"/> Municipality <input type="checkbox"/> Public School <input type="checkbox"/> Other tax-supported institutions	If tax exempt facility, enter N.Y. State Exempt Organization Certificate No. and enclose a copy: <input type="checkbox"/> Yes <input type="checkbox"/> No	For Office Use Only
		Facility I.D. Date Rec'd.

Check all that apply to your facility:  Tank Storage  Container Storage  Bulk Storage  Storage of Road De-icing Materials

Reason for submitting application:  New  Renewal  Change  Construction

Facility Name	Street Address	Post Office	State	Zip	Phone
	251 Searingtown Road	Manhasset	NY	11030	N/A
Facility Mailing Address (If different from above)	Facility Contact Person (Name & Title)				
Hudson Meridian Construction Group, 40 Rector St., New York, NY 10006	Malcolm McPherson, Property Manager (212) 608-6600 X328				
Facility Owner	Street Address	Post Office	State	Zip	Phone
The Manhasset Bay Group, Inc.	c/o Farrell Fritz, P.C. 1320 RXR Plaza	Uniondale	NY	11556	(516) 227-0700
Property Owner (If not Facility Owner)	Street Address	Post Office	State	Zip	Phone
Tank Owner (If not Facility Owner)	Street Address	Post Office	State	Zip	Phone

Name that should appear on Permit (Permittee)  
 (If different from Facility Owner)

Permittee's Street Address	Post Office	State	Zip	Phone
Same as Facility Owner (above)				

Permittee's Relationship to Facility Owner:  Same  Operator of Facility  Other (Specify):

Principal Property Tax Code:	School District No.	Section	Block	Lot
	2822	0003	00162-00	00822

Forms Attached  Form 2 - Tank Registration  Form 3 - Bulk & Container Storage Registration  Form 4 - Storage of Road De-icing Materials  
 (Check all that apply)

I hereby affirm under penalty of perjury that the information provided on this form and on any attached forms, statements and exhibits is true and correct to the best of my knowledge and belief.

Print Name	Signature	Title	Date



Field Investigation  
 Article XI Facility  
 Nassau County Department of Health



8220  
 money order 1/28/14

- Initial System Test
- Tank Removal
- Tank Only
- Installation
- System Retest
- Abandonment
- Periodic Year
- Well Installed

Date of Job 3/19/14 Time \_\_\_\_\_

Facility ID# 59880

Date Received 1/28/14 Time \_\_\_\_\_

Confirmation # 018 H14 207

Contractor metro Industrial

DEC Spill # NA

Telephone # 718-350-7487

Establishment Name Hudson Meridian Property

Address 251 Seagrinstown Road

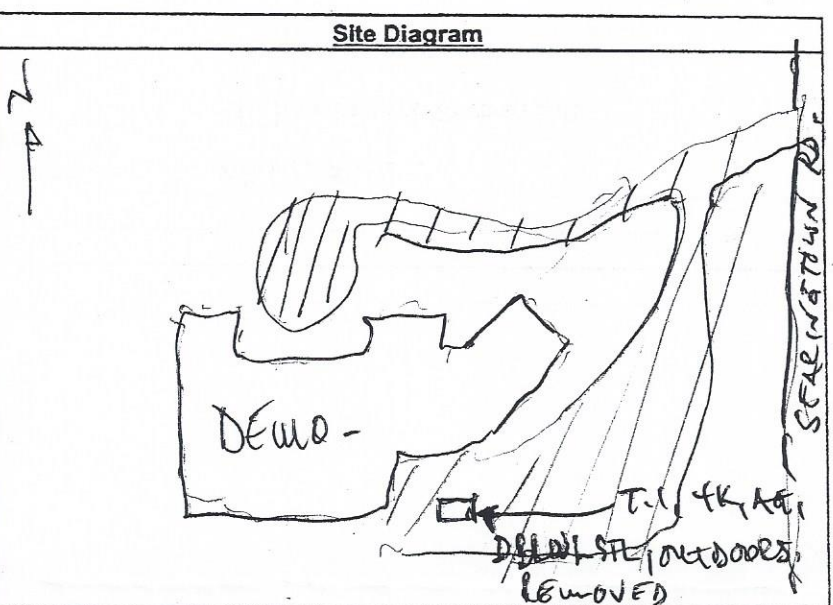
Town Manhasset 11030

Telephone # 718-350-7487

No. Tanks 1

Type of Test \_\_\_\_\_

Tank #	T-1
Size	4KAGT
Product	H2F/O
Test:	
System Test	
Tank Test	
Leak Rate	
Pass/Fail	
Fee	
Fee Paid	
Retest Needed	
Removal:	
Visible Holes	NA
# of Holes	1
Size	
Location	
Photo	↓



Excavation NA Clean NA Contaminated Soil NA Free Floating Product NA

Soil Removed NA

Amount NA yds<sup>3</sup>

Installation Y X N Gas Tank Size \_\_\_\_\_

Approved plans: Yes No X N/A

Notes: Demolition: No Tank on site: 3/19/14.

Inspector MIKE PRANSKY

Supervisor R PUTNAM

Employee Number 146 Date 3/19/14

- Continued on Reverse Side
- Computer Entry
- Data Book Entry

- 1-Piping
- 2-Tank
- 3-Fitting
- 4-Other

**From:** [Kim, Lisa](#)  
**To:** [Steve McGinn](#)  
**Subject:** RE: Floor Drain Remediation Work Plan - 251 Searingtown Road, Manhasset  
**Date:** Thursday, September 12, 2013 12:11:34 PM

---

Steve,

The U.S. Environmental Protection Agency (EPA) has reviewed the remediation plan for the above-referenced facility and approves the plan.

Thanks,

Lisa

=====

Lisa Kim Pelcyger  
USEPA Region 2  
290 Broadway, 20th Floor  
New York, NY 10007-1866  
Tel: 212-637-4225  
Fax: 212-637-4211  
e-mail: [kim.lisa@epa.gov](mailto:kim.lisa@epa.gov)  
Visit: <http://www.epa.gov/safewater/uic>  
<http://www.epa.gov/region02/water/compliance>

=====

---

**From:** Steve McGinn [mailto:[SMcGinn@nelsonpope.com](mailto:SMcGinn@nelsonpope.com)]  
**Sent:** Tuesday, September 10, 2013 2:53 PM  
**To:** Kim, Lisa  
**Subject:** Floor Drain Remediation Work Plan - 251 Searingtown Road, Manhasset

Lisa,

Attached please find a copy of the Limited Phase II ESA report and the Remediation Work Plan. Please review and let me know if you have any comments or if I can proceed with the remedial activities.

Thanks,

Steve

Steven J. McGinn  
Partner/Division Manager  
**Nelson, Pope & Voorhis, LLC**  
572 Walt Whitman Road  
Melville, New York 11747  
631-427-5665 (phone)  
631-427-5620 (fax)

[www.nelsonpopevoorhis.com](http://www.nelsonpopevoorhis.com)

## **Floor Drain Remediation Work Plan** **251 Searingtown Road, Manhasset**

Nelson, Pope & Voorhis, LLC (NP&V) will coordinate, supervise and complete the proposed remediation of one (1) floor drain at the above referenced address. The floor drain is located in the basement of the building and discharges directly to the soils beneath the concrete floor. The following describes the work to be performed to remediate this floor drain.

- a) Utilize a posthole digger to excavate the soil from the floor drain located in the basements of the three (3) buildings. The excavation of each floor drain will be completed to visibly clean soil.
- b) Provide 55 gallon steel drums for the disposal of the soil excavated from the floor drains.
- c) Collect one (1) waste characterization sample of removed sediment for disposal purposes, as required by the disposal facility.
- d) Collect one (1) end-point sample from the drain and analyze the sample for the presence of metals.
- e) Provide clean sand to backfill the excavation and re-concrete the area of the floor.
- f) The non-hazardous soil contained in drums will be transported to an approved facility for disposal. Waste manifest will be obtained and provided for your records along with the closure report.
- g) A closure report will be prepared outlining the remediation process, end-points results for submittal to the USEPA.

**From:** [Steve McGinn](#)  
**To:** [Kim.Lisa@epamail.epa.gov](mailto:Kim.Lisa@epamail.epa.gov)  
**Subject:** Floor Drain Remediation Work Plan - 251 Seasingtown Road, Manhasset  
**Date:** Tuesday, September 10, 2013 2:53:00 PM  
**Attachments:** [St Ignatius - PhaseII ESA.pdf](#)  
[Floor Drain Remediation Work Plan.pdf](#)

---

Lisa,

Attached please find a copy of the Limited Phase II ESA report and the Remediation Work Plan. Please review and let me know if you have any comments or if I can proceed with the remedial activities.

Thanks,

Steve

Steven J. McGinn  
Partner/Division Manager  
**Nelson, Pope & Voorhis, LLC**  
572 Walt Whitman Road  
Melville, New York 11747  
631-427-5665 (phone)  
631-427-5620 (fax)

[www.nelsonpopevoorhis.com](http://www.nelsonpopevoorhis.com)





**NELSON, POPE & VOORHIS, LLC**

ENVIRONMENTAL • PLANNING • CONSULTING  
572 WALT WHITMAN ROAD, MELVILLE, NY 11747-2188  
(631) 427-5665 FAX (631) 427-5620  
[www.nelsonpopevoorhis.com](http://www.nelsonpopevoorhis.com) [npv@nelsonpope.com](mailto:npv@nelsonpope.com)

November 11, 2015

Lisa Kim  
Environmental Protection Agency  
290 Broadway  
New York, New York 10007-1866

Re: Floor Drain Remediation Closure Letter  
251 Seasingtown Road, Manhasset  
NP&V Job# 13008

Dear Ms. Kim:

Nelson, Pope & Voorhis, LLC (NP&V) coordinated and supervised the remediation of a floor drain in the basement of the house located at the above referenced property in accordance with the approved work plan. A copy of the work plan and your email approving the work plan are attached for your review. All of the work was completed in September of 2013; however, no closure report was generated after the work was completed. The following is a synopsis of the work that was completed.

NP&V personnel supervised the remedial activities which entailed breaking open the concrete floor in the area of the floor drain in order to access the soils at the bottom of the drain. A posthole digger and stainless steel hand auger were utilized to excavate the soils. All soil excavated from the floor drain were placed in 55 gallon drum. The bottom of the floor drain was excavated to a depth approximately three and a half (3.5) feet below the bottom of the floor drain and approximately two (2) feet wide. One (1) 55 gallon of soil was generated, transported and disposed of at an approved disposal facility. A copy of the waste disposal manifest is provided as an attachment to this document. Once the excavation was completed, an endpoint sample was collected from the bottom of the excavation. This sample was placed in the appropriate laboratory supplied sampling vessels and an ice filled cooler for transportation to a certified laboratory. The sample was analyzed for the presence of semi-volatile organic compounds and metals based on the New York State Department of Environmental Conservation (NYSDEC) Part 375 parameters. The laboratory results revealed that no elevated concentrations were present in the sample. A copy of the laboratory datasheets is provided as an attachment to this letter.

Based on the information provided in this letter and accompanying waste manifest and laboratory datasheets, if all of the information is sufficient please provide a sign off letter.

Please do not hesitate to contact me if you have any questions.

Very truly yours,  
**NELSON, POPE & VOORHIS, LLC**

Steven J. McGinn  
Partner

# **ATTACHMENTS**



**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# 3092001

September 27, 2013

Nelson, Pope & Voorhis  
Steve McGinn  
572 Walt Whitman Road  
Melville, NY 11747

**Re: 251 Seasingtown Rd Manhasset**

Dear Steve McGinn,

Enclosed please find the laboratory Analysis Report(s) for sample(s) recieved on September 20, 2013. Long Island Analytical laboratories analyzed the samples on September 25, 2013 for the following:

CLIENT ID	ANALYSIS
FD-1 EP	NYC Part 375 (Semi-Volatile), NYC Part 375 Metals

Samples received at 4.7 ° 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: 251 Seasingtown Rd Manhasset
Date (Time) Collected: 09/19/2013 13:41	Sample ID: FD-1 EP
Date (Time) Received: 09/20/2013 10:30	Laboratory ID: 3092001-01 % Solid:66.58
Matrix: Soil	ELAP: #11693

### Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Phenol	108-95-2	24.0	60.1	<60.1	ug/kg dry	
2-Methylphenol	95-48-7	34.5	60.1	<60.1	ug/kg dry	
3/4-Methylphenol	108-39-4/106-44-5	27.0	60.1	<60.1	ug/kg dry	
Naphthalene	91-20-3	24.0	60.1	<60.1	ug/kg dry	
Acenaphthylene	208-96-8	33.0	60.1	<60.1	ug/kg dry	
Acenaphthene	83-32-9	34.5	60.1	<60.1	ug/kg dry	
Dibenzofuran	132-64-9	28.5	60.1	<60.1	ug/kg dry	
Fluorene	86-73-7	33.0	60.1	<60.1	ug/kg dry	
Hexachlorobenzene	118-74-1	30.0	60.1	<60.1	ug/kg dry	
Pentachlorophenol	87-86-5	25.5	60.1	<60.1	ug/kg dry	
Phenanthrene	85-01-8	33.0	60.1	<60.1	ug/kg dry	
Anthracene	120-12-7	27.0	60.1	<60.1	ug/kg dry	
Fluoranthene	206-44-0	30.0	60.1	<60.1	ug/kg dry	
Pyrene	129-00-0	31.5	60.1	<60.1	ug/kg dry	
Benzo(a)anthracene	56-55-3	36.0	60.1	<60.1	ug/kg dry	
Chrysene	218-01-9	31.5	60.1	<60.1	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	27.0	60.1	<60.1	ug/kg dry	
Benzo(k)fluoranthene	207-08-9	34.5	60.1	<60.1	ug/kg dry	
Benzo(a)pyrene	50-32-8	31.5	60.1	<60.1	ug/kg dry	
Indeno(1,2,3-cd)pyrene	193-39-5	40.6	60.1	<60.1	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	39.0	60.1	<60.1	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	34.5	60.1	<60.1	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2-Fluorophenol	367-12-4	0.2	25-121	4.L
Phenol-d6	13127-88-3	2	24-113	4.L
Nitrobenzene-d5	4165-60-0	0.4	23-120	4.L
2-Fluorobiphenyl	321-60-8	17	30-115	4.L
2,4,6-Tribromophenol	118-79-6	73	19-122	
Terphenyl-d14	1718-51-0	81	18-137	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	109	50-200	

Client: Nelson, Pope & Voorhis	Client ID: 251 Searingtown Rd Manhasset
Date (Time) Collected: 09/19/2013 13:41	Sample ID: FD-1 EP
Date (Time) Received: 09/20/2013 10:30	Laboratory ID: 3092001-01 % Solid:66.58
Matrix: Soil	ELAP: #11693

### Semivolatile Analysis

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Naphthalene-d8	1146-65-2	108	50-200	
Acenaphthene-d10	15067-26-2	115	50-200	
Phenanthrene-d10	1517-22-2	116	50-200	
Chrysene-d12	1719-03-5	118	50-200	
Perylene-d12	1520-96-3	122	50-200	

Date Prepared: 09/20/2013

Preparation Method: EPA 3545 A

Date Analyzed: 09/23/2013

Analytical Method: EPA 8270D

Client: Nelson, Pope & Voorhis	Client ID: 251 Searingtown Rd Manhasset
Date (Time) Collected: 09/19/2013 13:41	Sample ID: FD-1 EP
Date (Time) Received: 09/20/2013 10:30	Laboratory ID: 3092001-01 % Solid:66.58
Matrix: Soil	ELAP: #11693

### Total Metals Analysis

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Arsenic	09/24/2013	EPA 6010 C	0.24	2.27	<2.27	mg/kg dry	
Barium	09/24/2013	EPA 6010 C	0.42	2.27	72.1	mg/kg dry	
Beryllium	09/24/2013	EPA 6010 C	0.24	2.27	<2.27	mg/kg dry	
Cadmium	09/24/2013	EPA 6010 C	0.23	2.24	<2.24	mg/kg dry	
Chromium	09/24/2013	EPA 6010 C	0.23	2.27	17.2	mg/kg dry	
Copper	09/24/2013	EPA 6010 C	0.20	2.27	29.3	mg/kg dry	
Lead	09/24/2013	EPA 6010 C	0.22	2.27	5.06	mg/kg dry	
Manganese	09/24/2013	EPA 6010 C	0.31	2.27	183	mg/kg dry	4.H
Nickel	09/24/2013	EPA 6010 C	0.26	2.27	24.5	mg/kg dry	
Selenium	09/24/2013	EPA 6010 C	0.77	2.27	<2.27	mg/kg dry	
Silver	09/24/2013	EPA 6010 C	0.18	2.27	<2.27	mg/kg dry	
Zinc	09/24/2013	EPA 6010 C	1.17	4.53	581	mg/kg dry	3.E, 4.F

Date Prepared: 09/23/2013

Preparation Method: EPA 3050B

Analytical Method: EPA 6010 C

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Mercury	09/25/2013	EPA 7471 B	0.002	0.03	<0.03	mg/kg dry	

Date Prepared: 09/23/2013

Preparation Method: EPA 7471 B

Analytical Method: EPA 7471 B

#### Data Qualifiers Key Reference:

- 3.E Compound reported at a dilution factor.
- 4.F Spike recovery does not meet QC criteria due to high target compound concentration.
- 4.H Batch spike recovery out of range due to matrix inconsistency.
- 4.L Surrogate recovery is outside the acceptance criteria.
- 4.N LCS recovery below QC limit.
- MRL Minimum Reporting Limit

**CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT**

CLIENT NAME/ADDRESS: **NPV 572 West Whitman Rd Melville, NY 11747**

PROJECT LOCATION: **251 ServiceTown Rd, Manhasset**

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

CONTACT: **J. McGinn**  
 PHONE: **427-5605**  
 FAX:  
 EMAIL:

SAMPLE BY (SIGNATURE): *[Signature]*  
 SAMPLE NAME (PRINT): **Steve J. McGinn**  
 SAMPLES RECEIVED AT: **47PC**

SAMPLE(S) SEALED:  YES / NO  
 CORRECT CONTAINER(S):  YES / NO

3092001

(PRINT LAST NAME AND NUMBER)

LABORATORY ID #	MATRIX	TYPE	PH	RES. CHLORINE	PRES.	DATE	TIME	SAMPLE #	LOCATION	ANALYSIS REQUIRED	# OF CONTAINERS
3092001-01	S	G				9/18/13	1:21	AD-1 EP		PA-375 SVOC PK-375 Metals	2

MATRIX: S=SOL; SL=SLUDGE; DW=DRINKING WATER; A-AIR; W=WIFE;  
 PC=PAINT CHIPS; BM= BULK MATERIAL; O-OIL; WM=WASTE WATER  
 TYPE: G=GRAB; C-COMPOSITE; SS=SPLIT SPOON  
 PRES: (1) ICE; (2) HCL; (3) H<sub>2</sub>SO<sub>4</sub>; (4) NaOH; (5) Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>; (6) HNO<sub>3</sub>; (7) OTHER

RELINQUISHED BY (SIGNATURE): *[Signature]* DATE: **9/20/13** TIME: **9:22**

PRINTED NAME: **Steve J. McGinn**

RECEIVED BY (SIGNATURE): *[Signature]* DATE: **9/20/13** TIME: **9:24**

PRINTED NAME: **N. FGRY.**

RECEIVED BY SAMPLE CUSTODIAN: *[Signature]* DATE: **9-20-13** TIME: **10:19 AM**

PRINTED NAME: **Ben Lamberson**

TURNAROUND REQUIRED:  NORMAL  STAT

COMMENTS / INSTRUCTIONS: **Ni hex Chron ~ cyanide**

13-20226

Please print or type  
(Form designed for use on elite (12-pitch) typewriter.)

**NON-HAZARDOUS  
WATER MANIFEST**

1. Generator's US EPA ID No.

Manifest Doc. No.

2. Page 1  
of

NHWM57432

3. Generator's Name and Mailing Address

Commercial Property  
251 Scarsington Rd  
Manhasset

4. Generator's Phone ( )

5. Transporter 1 Company Name

AARCO ENVIRONMENTAL SERVICES CORP.

6. US EPA ID Number

N.Y.R. 0.0.0.1.0.7.3.2.6

A. Transporter's Phone

631-586-5900

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Triunvirate  
42-14 19th Ave Astoria, NY

10. US EPA ID Number

NYD077444263

C. Facility's Phone

718-274-3339

11. Waste Shipping Name and Description

a. Non-Haz Contaminated Dirt

12. Containers

No. Type

13. Total Quantity

14. Unit Wt/Vol

1 0m 400 P

D. Additional Descriptions for Materials Listed Above

NYC103113 1-556

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

EMERGENCY PHONE # 631-586-5900

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Anthony Mastandrea Agent for

Signature

Anthony Masto

Month Day Year

10 24 13

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name

Anthony Masto

Signature

Anthony Masto

Month Day Year

10 24 13

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

. . .

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 19.

Printed/Typed Name

Ying Zhang

Signature

[Signature]

Month Day Year

10 31 13

GENERATOR

TRANSPORTER

FACILITY