



**450 UNION STREET
NAPL GAUGING AND RECOVERY
MONTHLY REPORT – APRIL 2022**

450 Union Street – NAPL Gauging and Recovery
New York State Department of Environmental Conservation (NYSDEC)
BCP Site No. C224219

Monthly Report No. 1

This report serves to document Dense Non-Aqueous Phase Liquid (DNAPL) gauging and recovery performed by GZA GeoEnvironmental, inc. (GZA), at the 450 Union Street property in Brooklyn, New York (Site). In accordance with the October 2020 Remedial Action Work Plan (RAWP) prepared by Langan on behalf of 450 Union LLC and 450 Union Developer LLC, DNAPL gauging and recovery was performed at two wells (RW-01 and RW-02) which are located on the eastern portion of the Site.

Summary of Field Activities:

- On April 19, 2022, GZA performed DNAPL gauging and recovery at RW-01 and RW-02. The table below provides a summary of this event, and the attached **Table 1** summarizes gauging and recovery data collected by GZA to date.

Pre-Recovery						Post Recovery	
Well ID	Date	Depth to Water (ft)	Depth to NAPL (ft)	DNAPL Thickness (ft)	DNAPL Volume Removed (gal)	Depth to NAPL (ft)	DNAPL Thickness (ft)
RW-01	4/19/22	10.01	38.2	10.7	14	Trace	Trace
RW-02	4/19/22	10.08	39.0	19.4	31	42	16.4

- The area around each well was covered with polyethylene sheeting prior to performance of gauging and recovery activities.
- Approximately 45 gallons of DNAPL/water mixture was recovered from the two wells during the April 19, 2022 recovery event with a submersible pump.
- The recovered DNAPL/water and polyethylene sheeting/PPE were containerized in 55-gallon drums. Prior to leaving the Site, these drums were transported off-Site for disposal by Miller Environmental Group. A copy of the disposal manifest attached.



April 2022
450 Union Street
Brooklyn, New York
File No. 03.0034060.10

Certification

I, James J. Clark, certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this field report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).

James J. Clark, P.E., LEP
Qualified Environmental Professional

April 27, 2022

Date



Signature

Attachments: Table 1: Summary of NAPL Gauging and Recovery Activities
Attachment A: Disposal Manifest



April 2022
450 Union Street
Brooklyn, New York
File No. 03.0034060.10

TABLE 1
SUMMARY OF NAPL GAUGING ACTIVITIES



April 2022
450 Union Street
Brooklyn, New York
File No. 03.0034060.10

ATTACHMENT A
DISPOSAL MANIFEST

GENERATOR
↓
TRANSPORTER
↓
DESIGNATED FACILITY
↓

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number 0006951	
5. Generator's Name and Mailing Address <i>Natural Grid 175 E. Old Country Rd Hicksville, NY 11801</i>			Generator's Site Address (if different than mailing address) <i>Natural Grid 450 Union Ave Brooklyn, NY 11201</i>			
6. Transporter 1 Company Name <i>Miller Environmental Group</i>			U.S. EPA ID Number <i>NYD986908085</i>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <i>Norlite LLC 626 South Saratoga St Catskills, NY 12047</i>			U.S. EPA ID Number <i>NYD080469935</i>			
Facility's Phone: <i>518-234-0201</i>						
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
		No.	Type			
1. <i>Non RCRA, Non DOT regulated liquids (DNAPL)</i>		1	DM	45	G	
2. <i>Non RCRA, Non DOT regulated solids</i>			DM	35	P	
3.						
4.						
13. Special Handling Instructions and Additional Information <i>Approval # 1000362816 Job # NY02200505</i>						
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.						
Generator's/Offor's Printed/Typed Name <i>Michael Santos</i>		Signature <i>Michael Santos</i>		Month <i>04</i>	Day <i>17</i>	Year <i>22</i>
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____						
Transporter Signature (for exports only): _____ Date leaving U.S.: _____						
16. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <i>Michael Santos</i>		Signature <i>Michael Santos</i>		Month <i>04</i>	Day <i>17</i>	Year <i>22</i>
Transporter 2 Printed/Typed Name		Signature		Month	Day	Year
17. Discrepancy						
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
17b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number						
Facility's Phone: _____						
17c. Signature of Alternate Facility (or Generator) _____ Month _____ Day _____ Year _____						
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a						
Printed/Typed Name		Signature		Month	Day	Year

NON-HAZARDOUS
WASTE MANIFEST

1. Generator ID Number

2. Page 1 of 1

3. Emergency Response Phone

4. Waste Tracking Number
0006954

5. Generator's Name and Mailing Address
National Grid
175 E. Old Country Rd
Hicksville NY 11801

Generator's Site Address (if different than mailing address)
National Grid
450 Union Ave
Brooklyn, NY 11201

6. Transporter 1 Company Name
Miller Environmental Group

U.S. EPA ID Number
NYD986908085

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Water works
77 Stewart
Newburgh, NY 12550

U.S. EPA ID Number
NYR000236349

9. Waste Shipping Name and Description
1. Non RCRA, non DOT regulated solids

10. Containers
No. Type
1 DM

11. Total Quantity
35

12. Unit Wt./Vol.
P

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name
As agent for: Jordan Stevens

Signature
[Signature]

Month Day Year
4 19 02

15. International Shipments
☐ Import to U.S. ☐ Export from U.S.

Port of entry/exit:
Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name
Dael C. Crisp

Signature
[Signature]

Month Day Year
4 22 02

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space
☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Devlin Stewart

Signature
[Signature]

Month Day Year
04 22 02



GZA GeoEnvironmental of New York