



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

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

Monthly Report No. 3

This report serves to document Dense Non-Aqueous Phase Liquid (DNAPL) gauging and recovery performed by GZA GeoEnvironmental, inc. (GZA), on behalf of National Grid, at the 450 Union Street property in Brooklyn, New York (Site). Consistent 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 June 21, 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	6/21/22	10.29	39.17	9.73	40	Trace	Trace
RW-02	6/21/22	10.50	39.75	15.18	80	Trace	Trace

- The area around each well was covered with polyethylene sheeting prior to performance of gauging and recovery activities.
- Approximately 120 gallons of DNAPL/water mixture was recovered from the two wells during the June 21, 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 at the Waterworks, facility in Newburgh, New York. A copy of the disposal manifest is attached.



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

Attachments: Table 1: Summary of NAPL Gauging and Recovery Activities

Attachment A: Disposal Manifest

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

7/5/2022
Date

James J. Clark
Signature



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

TABLE 1
SUMMARY OF NAPL GAUGING ACTIVITIES

TABLE 1
Summary of NAPL Gauging and Recovery Activities
450 Union Street
Brooklyn, NY

[illegible]

TABLE 1
Summary of NAPL Gauging and Recovery Activities
450 Union Street
Brooklyn, NY

[illegible]



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

ATTACHMENT A
DISPOSAL MANIFEST

Please print or type

BILL OF LADING

Generator EPA ID #

N/A

1. Document No.

WB1014

2. Page 1

of 1

3. Generator's Name and Mailing Address

NATIONAL GRID
175 East Old Country Road
Hicksville, NY 11801

4. Generator's Phone () 347-213-8874

Site Address

NATIONAL GRID
450 UNION ST
BROOKLYN, NY 11231

5. Transporter 1 Company Name

MILLER ENVIRONMENTAL GROUP, INC

6. EPA ID #

NYD986908085

A. State Transporter's ID

B. Transporter 1 Phone

800-394-8808

7. Transporter 2 Company Name

8. EPA ID #

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address

WATERWORKS
77 STEWART AVENUE
NEWBURGH, NY 12550

10. EPA ID #

N/A

E. State Facility's ID

F. Facility's Phone

045-580-0408

HM

11. Shipping Name

a. NON-RCRA, NON-DOT, SOLIDS, N.O.S (PPE)

12. Containers

No.

Type

13. Total
Quantity14. Unit
Wt./Vol.

DM

100

P

b. non RCRA NONDOT Liquid

3

DM

150

G

c.

d.

G. Additional Descriptions for Materials Listed Above

Document # D29368 Job #: NY02220894 PO#

1) 20d00159 X 55-GAL DRUM

TRUCK 6523

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulation of the Department of Transportation. The materials described on this document are not subject to federal uniform hazardous waste manifest requirements.

Printed/Typed Name

As Agent For

Signature

R. Bel

Date

Month Day Year
6/23/22

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Riber Barborene

Signature

R. Bel

Date

Month Day Year
6/23/22

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name

David M. Stevens

Signature

David M. Stevens

Date

Month Day Year
6/23/22

BILL OF LADING

GENERATOR

TRANSPORTER

FACILITY



GZA GeoEnvironmental of New York