



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

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

Monthly Report No. 8

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 November 29, 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	11/29/22	10.90	45.30	3.60	20	Trace	Trace
RW-02	11/29/22	11.15	49.20	9.15	80	Trace	Trace

- The area around each well was covered with polyethylene sheeting prior to performance of gauging and recovery activities.
- Approximately 100 gallons of DNAPL/water mixture was recovered from the two wells during the November 29, 2022, recovery event with a submersible pump and the Pulse Pump[®] Model LP1301.
- 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 (PPE), and Norlite facility in Cohoes, New York (DNAPL). A copy of the disposal manifests is attached.



December 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

12/15/2022
Date


Signature



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

TABLE 1
SUMMARY OF NAPL GAUGING ACTIVITIES



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

ATTACHMENT A
DISPOSAL MANIFEST

Please print or type

BILL OF LADING

N/A

1. Document No. **D32196 346382**

2. Page 1 of 1

3. Offeror Name and Mailing Address
NATIONAL GRID
175 East Old Country Road
Hicksville, NY 11801

Site Address
NATIONAL GRID
450 UNION ST
BROOKLYN, NY 11231

4. Offeror Phone (**347-213-8874**

5. Transporter 1 Company Name
MILLER ENVIRONMENTAL GROUP, INC

6. EPA ID #
NYD986908085

A. State Transporter's ID
B. Transporter 1 Phone **800-394-8606**

7. Transporter 2 Company Name

8. EPA ID #

C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
NORLITE, LLC
628 S. SARATOGA ST.
COHOES, NY 12047
HM

10. EPA ID #
NYD080469935

E. State Facility's ID
F. Facility's Phone
518-235-0401

11. Shipping Name

12. Containers
No. Type

13. Total Quantity

14. Unit Wt./Vol.

a. **NON-RCRA, NON-DOT REGULATED LIQUIDS N.O.S.(DNAPLE)**

2 DM

100

G R

b.

c.

d.

G. Additional Descriptions for Materials Listed Above **Document # D32196 Job #: NY02221275 PO# 17118**

1) APPROVAL# _____ X 55-GAL DRUM; TRUCK# **6626**

15. Special Handling Instructions and Additional Information

JOB # NY02221275 # 6621

16. OFFEROR 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
Ass Agents For National Grid Joe Crespo

Signature
[Signature]

Date
Month Day Year
11 24 20

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name
Joe Crespo

Signature
[Signature]

Date
Month Day Year
11 24 20

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name
Craig Pearce

Signature
[Signature]

Date
Month Day Year
12 14 22

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
Lebrah Daquet

Signature
[Signature]

Date
Month Day Year
12/14/20

GENERATOR

BILL OF LADING

TRANSPORTER

FACILITY

Please print or type

BILL OF LADING

N/A

1. Document No.

D32197

2. Page 1

of 1

3. Offeror Name and Mailing Address

NATIONAL GRID
175 East Old Country Road
Hicksville, NY 11801

Site Address

NATIONAL GRID
450 UNION ST
BROOKLYN, NY 11231

4. Offeror Phone (347-213-8874

5. Transporter 1 Company Name

MILLER ENVIRONMENTAL GROUP, INC

6. EPA ID #

NYD986908085

A. State Transporter's ID

B. Transporter 1 Phone 800-394-8606

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
HM

10. EPA ID #

N/A

E. State Facility's ID

F. Facility's Phone 845-590-0408

11. Shipping Name

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

12. Containers

No.

Type

13. Total Quantity

14. Unit Wt./Vol.

1

DM

30

P

G. Additional Descriptions for Materials Listed Above Document # D32197 Job #: NY02221275 PO#

1) 20d00159 ____ X55-GAL DRUM; TRUCK# 6606

15. Special Handling Instructions and Additional Information

16. OFFEROR 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

ASS AGENT FOR NATIONAL GRID

Signature

[Signature]

Date

Month Day Year

11 29 22

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name

[Signature]

Signature

[Signature]

Date

Month Day Year

11 29 22

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name

Signature

Date

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

Stela [Signature]

Signature

[Signature]

Date

Month Day Year

12 1 22

GENERATOR

BILL OF LADING

TRANSPORTER

FACILITY



GZA GeoEnvironmental of New York