



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

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

Monthly Report No. 7

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 October 26, 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	10/26/22	10.10	38.65	10.25	35	Trace	Trace
RW-02	10/26/22	10.25	47.20	11.15	105	Trace	Trace

- The area around each well was covered with polyethylene sheeting prior to performance of gauging and recovery activities.
- Approximately 140 gallons of DNAPL/water mixture was recovered from the two wells during the October 26, 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.



November 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

11/08/2022
Date


Signature



November 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]



November 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.

D32825

2. Page 1

of

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 #

NYD080439935

A. State Transporter's ID

B. Transporter 1 Phone

800-394-81

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

10. EPA ID #

NYD080439935

E. State Facility's ID

F. Facility's Phone

518-235-0401

HM

11. Shipping Name

12. Containers

No.

Type

13. Total
Quantity14. Unit
Wt./Vol.

a.

NON-RCRA, NON-DOT REGULATED LIQUIDS N.O.S. (DIAPLE)

3

DR

142

DR

G

b.

c.

d.

G. Additional Descriptions for Materials Listed Above

Document# D32825 Job #: NY02221159 PO#

1) APPROVAL#1000 36 2516 X55-GAL DRUM TRUCK# 621

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.

Ass Agents For National Grid
Joel Crespo

Signature

10/22/22
Date
Month Day Year

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Date

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgment of Receipt of Materials

Date

Printed/Typed Name

Signature

Month Day Year

FACILITY

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

Signature

Date
Month Day Year

Please print or type

BILL OF LADING

N/A

1. Document No.

MET1105

2. Page 1
of

3. Offeror Name and Mailing Address

NATIONAL GRID
175 East Old Country Road
Hicksville, NY 11801
347-213-8874

Site Address

NATIONAL GRID
450 UNION ST
BROOKLYN, NY 11231

4. Offeror Phone ()

5. Transporter 1 Company Name

MILLER ENVIRONMENTAL GROUP, INC

6. EPA ID #

NYD988912085

A. State Transporter's ID

B. Transporter 1 Phone

800-394-81

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

845-590-0408

HM

11. Shipping Name

12. Containers

13. Total
Quantity

14. Unit
Wt./Vol.

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

No.

Type

1

DM

60

DM

P

b.

c.

d.

G. Additional Descriptions for Materials Listed Above

Document # D32826 Job #: NY02221159 PO#

1) 20d00159 Truck #

621

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.

ASS Agents For Joel Crespo

Printed/Typed Name

Signature

Date

Month Day Year

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name

Signature

Date

Month Day Year

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

Signature

Date

Month Day Year

Devlin Stewart

Devlin Stewart

10/26/20

GENERATOR

BILL OF LADING

TRANSPORTER

FACILITY



GZA GeoEnvironmental of New York