

# CREAMER ENVIRONMENTAL, INC.

CONTRACTORS & CONSULTANTS

50 Fairfiled Road, Fairfield, New Jersey 07004

Phone (201) 968-3300 Fax (201) 968-3301

## LETTER OF TRANSMITTAL

TO: AECOM  
1 John James Audubon Parkway, Suite 210  
Amherst, NY 14228  
E-Copy

DATE: 9/15/22	CEI JOB NUMBER: 22-5023
ATTN: Kevin Connare	
RE: Front Street Gas Holder 5	
Submittal Number: 5a	

WE ARE SENDING YOU:

- ☒ Attached ☐ Under separate cover via \_\_\_\_\_ the following items:
- ☐ Shop Drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications
- ☐ Copy of letter ☐ Change order ☐ Other

COPIES	DATE	PAGES	DESCRIPTION OF SUBMITTAL
1	9/15/22	21	Construction Work Plan

THESE ARE TRANSMITTED as checked below:

- ☒ For Acceptance ☐ Approved as submitted ☐ Resubmit \_\_\_\_\_ copies for approval
- ☐ For your use ☐ Approved as noted ☐ Submit \_\_\_\_\_ copies for distribution
- ☐ As requested ☐ Returned for corrections ☐ Return \_\_\_\_\_ corrected print
- ☐ Review & comment ☐ Other: \_\_\_\_\_

REMARKS:

---


---

---

---

---

---

SIGNED:   
Andrew Samler  
Project Superintendent



**CREAMER ENVIRONMENTAL, INC.**

## Construction Work Plan

Chess Builders  
Front Street Former MGP Site  
218 Front Street  
Brooklyn, New York

September 15, 2022

## Table of Contents

Section A: Project Planning and Submittals .....	1
Section B: Health and Safety Program.....	2
Section C: Mobilization and Permits.....	2
Section D: Environmental Controls.....	3
Section E: Excavation and Backfill.....	4
Section F: Dewatering .....	6
Section G: Material Handling, Staging and Loadout .....	6
Section H: Traffic Control Plan .....	7
Section I: Demobilization and Project Close-Out .....	8

<u>Attachment 1</u> -	Site Layout Drawing
<u>Attachment 2</u> -	Baseline Project Schedule
<u>Attachment 3</u> -	Truck Routes to Disposal Facilities
<u>Attachment 4</u> -	Clean Water of New York Sampling Criteria

## Section A: Project Planning and Submittals

Upon receiving signed contracts Creamer Environmental, Inc. (CEI) will begin procurement of materials; submit all plans; and Section 01300 Submittals, Part 1.03 required pre-construction submittals. CEI will also apply for the required permits.

CEI's Project Management Team will consist of a Project Manager, Project Superintendent, Project Engineer, and a Site Health and Safety Officer. CEI's Project Management Team will manage the day-to-day operations of the project including project health and safety, project planning, scheduling, implementation of scope of work, coordination of subcontractors, materials management and routine submittals. Site work will be directly managed by the Superintendent and Health and Safety Officer in coordination with the Project Manager, who will provide the project support in terms of resources as well as contract and administrative matters with assistance from the Project Engineer. Project planning and scheduling will be jointly performed by the Project Manager and Superintendent. The Project Superintendent and Health and Safety Officer will conduct the day-to-day project supervision and field safety operations for the duration of the project. The Project Manager, will review daily reports, manage any needed issues which may arise in the field, and attend key project meetings.

CEI's home office will provide program and project management and technical support for engineering and regulatory issues; administrative support for the processing of project invoices; payments to subcontractors; processing and tracking of paperwork required for invoice backups and project submittals (i.e., disposal receipts, material delivery receipts, etc.); and global project oversight.

Project Personnel	
Project Manager:	Tom LaViano
Project Engineer:	Andrew Samler
Project Superintendent:	John Friedmann
Health and Safety Officer:	To be determined (TBD)

Subcontractors	
Survey	Louis J. Weber & Associates
Disposal on MGP Impacted Soil	Clean Earth CESP / Bayshore Soil Management
Disposal on MGP Impacted Debris	Waste Management Fairless Landfill
Transportation of Non-Hazardous Waste	Mendez Trucking / V&E Transport
Geophysical Survey	Mid Atlantic Geophysics
Offsite Disposal of Construction Water	Clean Water of New York

## Section B: Health and Safety Program

CEI will retain the services of a certified industrial hygienist who will review the project specific information and hazards to develop a Site-Specific Health and Safety Plan, (HASP). The HASP will detail the site-specific hazards and mitigations for each construction activity required to complete the remediation. Additionally, the HASP will contain the personal air monitoring requirements and Personal Protective Equipment (PPE) upgrade procedures. CEI will provide a fulltime onsite Health and Safety Officer (HSO) who will conduct a daily “toolbox” safety meeting as well as oversee daily operations to ensure compliance with CEI’s health and safety procedures, HASP, and specific Job Hazard Analyses (JHA). During ground intrusive activities, the HSO will perform personal air monitoring utilizing a photo-ionization detector, colorimetric tubes, 4 or 5-gas meter, and dust meter. The HSO will follow the HASP’s guidelines and will make the decision to upgrade to a higher level of PPE protection, (i.e., from Level D to Level C) based on the readings obtained from the personal air monitoring. Once an area of work has been upgraded to a higher level of PPE, only personnel wearing the appropriate PPE will be permitted to enter. The HSO will set up the signage and delineation of the exclusion zones and maintain the personnel decontamination stations at the contamination reduction zones. The HSO will provide workers with the appropriate PPE, as needed for the task per the HASP and specific JHA. The HSO will maintain onsite the HASP and all training and safety documentation/records. The HSO will be assisted by the Project Superintendent, Project Engineer, and CEI’s corporate Health and Safety Officer who will make periodic inspections of the worksite and safety records throughout the duration of construction. The HASP is to be submitted separately.

## Section C: Mobilization and Permits

CEI will mobilize to the site and procure the required construction permits, see table below. Site preparation work shall include the mobilization and installation of the temporary construction facilities (CEI’s field office trailer, storage, portable sanitary toilets, hand and eye wash stations) and controls (signs, tracking pad, equipment decontamination pad).

CEI will perform a site survey to record pre-existing site conditions. The existing conditions survey will be provided as a submittal upon completion.

Permits	
Chess Builders	
NYCDOB	Earthwork
NYCDOB	Fence
NYCDOT	Temporary Pedestrian Walk
NYCDOT	Occupancy of Sidewalk
Creamer Environmental	
NYCDOT	Sidewalk Crossing
NYCDEP	Hydrant Permit
NYCDEP	Generator Permit

## Section D: Environmental Controls

### Odor, Vapor and Dust Control

Odor, vapor, and dust controls will be performed in accordance with specifications. CEI will apply Rusmar's AC-645 Long-Duration Foam whenever directed by Chess' Construction Manager, Engineer, and/or NYSDDEC's onsite representative to mitigate and control emission of MGP-related odors and vapors during excavation of the remediation areas. The odor control will be applied and/or sprayed as directed by Chess to exposed or stockpiled soils and/or excavation faces.

CEI will also install and operate a perimeter misting system for odor and vapor suppression. The perimeter misting system will be installed around the perimeter of the Holder 5 excavation. The misting system will consist of a storage tank and pressure pump. The misting system works by atomizing or vaporizing a solution into the environment around the perimeters of the odor source. CEI will use Biosolve Clear odor neutralizer, the concentrate will be diluted with water and when introduced into an odorous environment, the molecules of the Biosolve Clear will attach to the odorous gases to catalyze and accelerate their natural biodegradation. This process has been independently tested to be environmentally safe and been proven to be an effective odor control measure at the perimeter of other MGP sites.

Dust control measures will be used to prevent surface and air movement of dust from disturbed or open-soil areas that may cause off-Site damage, health hazards, or traffic safety problems. CEI will apply water to wet down temporary access roads, active haul routes at the site and stockpiled soils/excavation faces. During excavation and selective demolition of concrete slabs and substructures, CEI shall provide hoses to spray water when using the excavator mounted hydraulic impact hammer.

Other odor, vapor and dust control measures include but are not limited to covering excavations and/or stockpiles with polyethylene liners at the end of each workday, spraying water or foam on buckets during excavation and dumping, keeping open excavation areas to a minimum and restricting vehicle speeds to 10mph on temporary access roads and active haul routes at the Site.

Community Air Monitoring Program (CAMP) monitoring will be accomplished by AECOM and the technician from AECOM will be in direct contact with AECOM / CEI. If the CAMP monitors detect levels approaching or exceed the warning levels within the CAMP AECOM / CEI will be notified and appropriate measures will be taken (odor or dust control). The CAMP technician will have the responsibility to determine if the elevated levels are related to onsite or offsite activities and will be noted accordingly.

Site activities may need to be modified to maintain compliance with the action levels for volatile organic compounds, respirable dust and odor presented in the CAMP. Modification may include temporary work stoppages to identify potential sources of emissions and implement controls.

## Erosion and Sediment Controls

Temporary erosion and sediment controls will be in accordance with the specifications. CEI will furnish and install prefabricated silt fence geotextile fabric 36" high in 100' rolls with wooden 4' posts driven into the ground approximately 16" minimum or sediment control straw wattles with sand bags. When installing silt fence existing ground shall be cut to allow embedment of the bottom of the fabric to approximately 6" minimum depth. The excavated material will be backfilled and restored to existing grade. When two sections of filter fabric abut each other, the edges will be folded over and overlapped by not less than six inches and securely fastened. Silt fences will be inspected periodically for accumulation of sediment, which will be removed as required. For locations containing asphalt/concrete surfaces, CEI will utilize ¾" clean stone that is wrapped in geotextile fabric. The "logs" of geotextile wrapped ¾" stone will be inspected periodically for accumulation of sediment, which will be removed as required.

Drop and curb inlet filters will be installed over drainage inlets or openings in accordance with manufacturer's instructions and will be secured to the structure's grate. Filters (Dandy Sack) will extend not less than two feet on either side of opening nor pose any obstruction above the elevation of the drainage inlet or catch basin grate. Grates will also be encompassed by 8in pre-filled compost silt filter socks to prevent debris and sediment from accumulating on the grate. The filter sock will be held in place by 16" rebar installed through the center of the sock to a depth of 4" every 10' in length. Inlet filters will be inspected weekly and/or immediately after wet weather events and accumulated silt, sediment, and debris will be removed as required to maintain flow and prevent ponding of water at drainage inlets or catch basins.

Surface water control measures, i.e., construction of straw bale dike and/or berm embankments as necessary will be implemented to prevent damage to the Work, the Site, and adjoining properties during expected rain and/or storm events. Soil berms, grading, and ditching will be constructed to direct surface water away from disturbed areas, excavations, pits, tunnels, and other construction areas, and to direct drainage to proper run-off courses to prevent erosion, damage, or nuisance.

Stabilized temporary construction entrances will be installed at all points of vehicle ingress and egress to the Site. The entrances will consist of geotextile separation fabric overlaid with 6" minimum thickness of size 2" stone. The stone will be placed and spread with an excavator.

## Section E: Excavation and Backfill

### Existing Asphalt Removal/Demolition

After establishing the temporary environmental controls, CEI will begin to remove the asphalt surface to allow for excavation. CEI will apply water to the asphalt surface as it is removed and demolished to control dust. Asphalt removal will progress as excavation progresses.

### Excavation

The excavation will begin with excavating around the perimeter of the holder 12' down except for the portion required to maintain access in order to allow Chess Builders/National Grid to evaluate the competency of the Holder 5 concrete and brick foundation to be used as the excavation support for the remaining work. Once perimeter excavation is complete, the excavation of the holder to 12' BGS will continue until receipt of acceptability of holder walls as excavation support. CEI expects to excavate and load out 600 Tons per day during full production. At this point excavation to full depth will begin on the north side of the holder and proceed towards the south. The excavation will be sloped in order to maintain a working face within the holder. Once the excavation has advanced to the north end of the working platform, the excavation will be completed radially around the entranceway to remove as much material as is possible while maintaining the working and loading platform. Once all the material that can be excavated has been removed, the excavator will be switched with a long reach excavator that will be used to complete the excavation from the entranceway of the site, sitting outside the holder to do so. The excavation will be performed by a tracked excavator direct loading into tri-axle dump trucks for off-site disposal.

As the excavation continues, CEI will install a 6' high chain link fence as fall prevention surrounding the perimeter of the holder which will completely encompass the holder when the excavation is complete.

The steel liner will be removed from the gas holder as the excavation continues. As the steel liner is uncovered it will be cut so it can be removed both vertically and horizontally. The portion under the working platform will be removed with the long reach from the entrance once the platform has been excavated.

Surveying of the bottom of excavation will be performed once the excavation has been completed. A ladder will be used in order to provide access to the bottom of the holder for the surveyor.

The material above the perched water should be dry enough to be shipped offsite with little if any amending required for moisture content issues. The portion of the excavation below perched water table will most likely need amending to control moisture content to meet the disposal facility acceptance requirements and will be amended as needed using Portland cement or a similar additive.

## Backfill

Upon completion of the contaminated soil excavation, backfill will begin to be installed starting on the south side of the holder. The backfill material will be installed in approximately 1' lifts. Compaction of fill material will be performed with mechanical vibratory or tamping equipment that is suitable for the size of the excavation and maximum depth of the lift to achieve a completely compacted installed lift depth with a firm and unyielding surface. Backfill material will be compacted to 95% of maximum dry density. Compaction testing to be done by others.

The Holder 5 backfill will be the 6mm Minus Screenings provided by Vulcan Materials from the Wantage NJ Quarry and it is estimated to be installed at a rate of 500 Tons per day.



## Section F: Dewatering

### Construction Dewatering

It is anticipated that construction dewatering will be required for the estimated 300,000 gallons of water trapped within the gas holder. As the need arises to dewater to keep a dry excavation bottom, CEI will use a 3" gasoline powered centrifugal pump or electrical submersible pump which will discharge to a frac tank for temporary storage prior to treatment or disposal offsite. CEI will excavate sumps ahead of the excavation deeper than the current cut to dry the waste material prior to loadout. The sumps will be constructed with a slotted pipe and stone filter around the slotted pipe to minimize the amount of fines pumped from the excavation. The location and number of sumps will be dependent on how much water is encountered and where it is encountered. CEI will connect the local sumps to a header that will discharge into a frac tank that is part of water storage for offsite disposal. Sampling will be performed in accordance with Clean Water of New York Petroleum Impacted Water Acceptance Criteria.

### Storm Water Management

To manage stormwater CEI will construct berms as needed and where possible to prevent surface runoff from entering the excavated areas. CEI will channel stormwater runoff outside the holder footprint away from the excavated areas and allow it to pass through the soil erosion control measures. Any rainwater that accumulates within the holder will then be treated as construction dewatering.

### Water Storage

CEI will mobilize a frac tank for the storage of construction waste waters. The untreated water will be pumped directly into the frac tank. Initially, the water will be stored in the frac tanks until the results from the analytical lab are received to ensure that the wastewater meets the disposal facility standards provided that offsite disposal is selected. Once the lab results are received the water will be disposed of offsite. It is anticipated that a maximum of 10,000-12,000 gallons of water would need to be shipped offsite per day during deep excavations. Based on the field conditions additional frac tanks will be mobilized if needed to make sure the water table is kept below the excavation. When all excavation has been completed, CEI will decontaminate and demobilize the frac tank.

## Section G: Material Handling, Staging and Loadout

Excavated material will be live loaded to the extent possible. All trucks receiving excavated material designated for offsite disposal will proceed to the loadout area and will have their truck bodies lined prior to loading. Once the truck is loaded, the load will be covered with a 6-mil poly liner; the truck will be decontaminated at the decontamination pad before leaving the site. Dry decontamination will consist of using plastic covering placed near the excavation under the load out trucks before loading commences. The trucks will back up over the plastic covering and loading will begin. After loading is complete soil and debris will then be swept off the trucks onto the plastic. The soil and debris will be

compiled on the plastic and shoveled back into the excavation for future load out. Plastic covering will be changed out as needed.

Each waste disposal truck will receive the proper manifest before exiting the site. Manifests will be signed by AECOM as agent for National Grid. The CEI labor foreman will manage the manifests and submit them to the CEI Project Engineer at the end of the day. Each load will be tracked on a disposal log.

Facility	Estimated quantity shipped per day during full scale production	Estimated number of trucks per day during full scale production
MGP Impacted Soil Disposal Clean Earth Southeast PA Bayshore Soil Management NJ	600 Tons	25 Triaxle Truckloads
MGP Impacted Debris Disposal Waste Management Fairless PA	TBD - As Needed	TBD - As Needed
Construction Water Disposal Clean Waters of New York	Estimated 10,000 - 12,000 Gallons	2 Water Tanker Truckloads
Backfill Vulcan Material Fill	500 Tons	20 Triaxle Truckloads

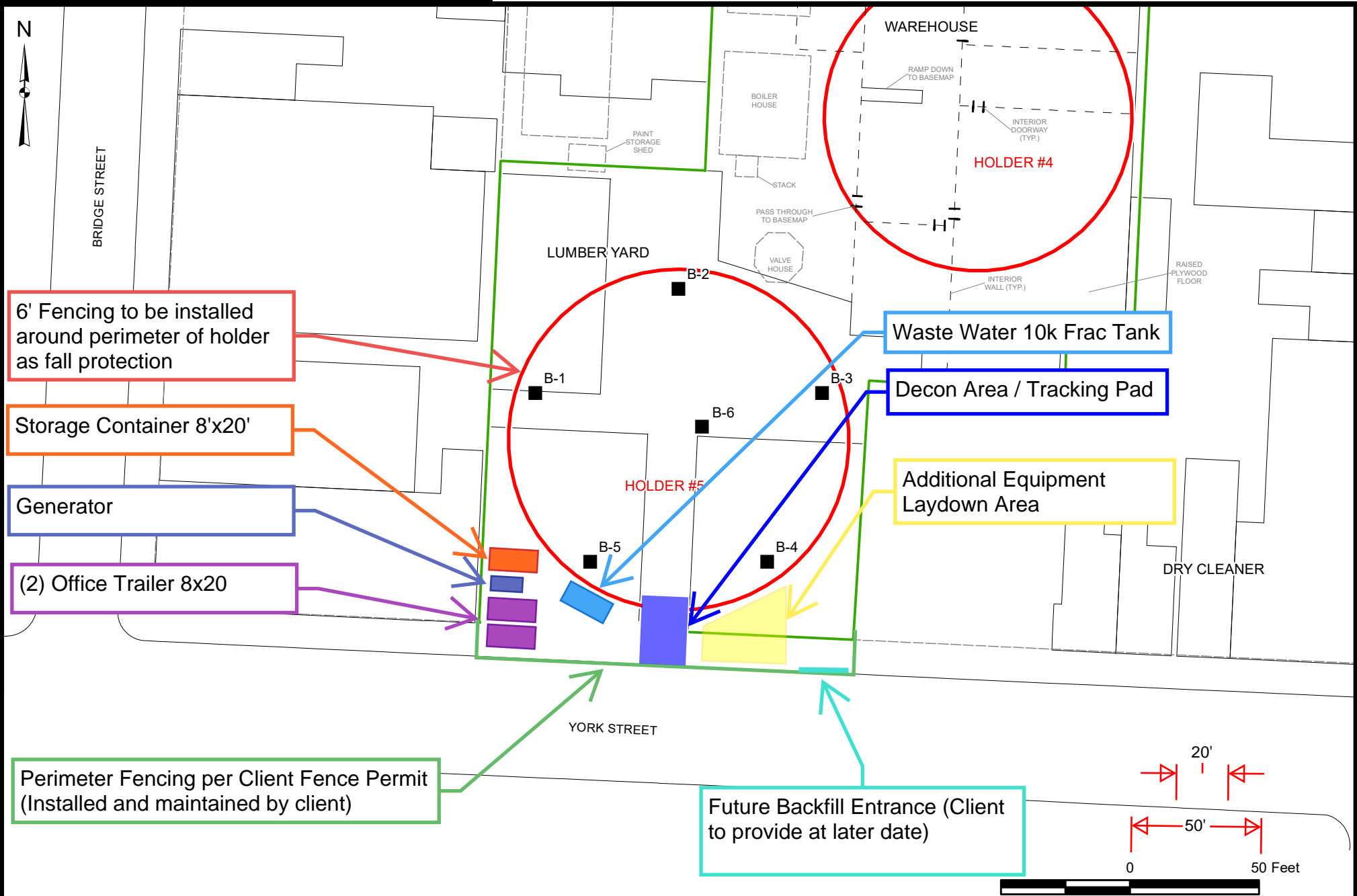
## Section H: Traffic Control Plan

- A. Vehicles will enter and exit the work site through the dedicated gate that is located off of York Street.
- B. Construction vehicles will remain on the site access roads or designated staging areas during work hours.
- C. Trucks will not be permitted to stage offsite on local roads.
- D. Trucks will not be permitted to idle while they are not being loaded.
- E. No cell phone use is permitted while driving on site.
- F. The Golden Rule, that equipment has the right of way, will be followed on site.
- G. The speed limit on site will be 5 miles per hour.
- H. Trucks will utilize the approved truck route when entering and leaving the site.
- I. Trucks will stage onsite or within the closed DOT permitted parking lane area directly outside the perimeter fence while waiting to be loaded to minimize interference with local traffic.
- J. Drivers for soil disposal and material import will be provided with copies of the truck route and site flow prior to starting work at the site via their dispatchers.
- K. Trucks will be inspected to ensure they are in proper working condition. Material will be transported off site in tri-axle dump trucks with watertight tailgates, turnbuckles and tarps. Tarps must be solid and impermeable. If a truck arrives with a mesh cover then the load must be sprayed with odor control foam and 6-mil poly liner. Once leaving the site the trucking company is responsible for any potential releases.









- L. Flag men will be used as necessary to assist trucks accessing and exiting the site.
- M. CEI will install the necessary traffic and pedestrian signage prior to loading and hauling of contaminated material.
- N. All waste transporters will have a copy of their Part 364 Waste Transporter Permit

## Section I: Demobilization and Project Close-Out

Once the excavation has been completed CEI will begin demobilization activities including fencing around the open gas holder, decontaminate and demobilize heavy equipment. CEI will remove all remaining materials, cleanup and vacate the site.



CEI Site Layout Drawing

ID	 Task Mode	Task Name	Duration	Start	Finish	Predecessors	Jun	Qtr 3, 2022 Jul	Aug	Sep	Qtr 4, 2022 Oct	Nov	Dec	Qtr 1, 2023 Jan	Feb
1		Bid Award/Notice To Proceed	0 days	Mon 8/29/22	Mon 8/29/22		Bid Award/Notice To Proceed								
2		Submit waste profile for approval	3 days	Mon 8/29/22	Wed 8/31/22	1									
3		National Grid waste profile sign off	2 days	Thu 9/1/22	Fri 9/2/22	2									
4		CESP/PADEP waste profile/Form U approv	22 days	Tue 9/6/22	Wed 10/19/22	3									
5		Permits/Submittals	30 days	Tue 8/30/22	Tue 10/25/22	1FS+1 day	Permits/Submittals								
6		Site Mob/Prep/Surveying	5 days	Wed 9/28/22	Tue 10/4/22	5FS-12 days	Site Mob/Prep/Surveying								
7		Temp Facilities/SESC/Traffic Controls	3 days	Thu 10/6/22	Wed 10/19/22	6	Temp Facilities/SESC/Traffic Controls								
8		Assemble Water Storage System	1 day	Thu 10/6/22	Thu 10/6/22	6	Assemble Water Storage System								
9		Gas Holder No. 5 Exc and Dewatering	34 days	Thu 10/20/22	Fri 12/9/22		Gas Holder No. 5 Exc and Dewatering								
10		Exc & T&D of Perimeter to 12' BGS	2 days	Thu 10/20/22	Fri 10/21/22	7,4	Exc & T&D of Perimeter to 12' BGS								
11		Inspect SOE & provide direction (by others)	5 days	Mon 10/24/22	Fri 10/28/22	10	Inspect SOE & provide direction (by others)								
12		Exc & T&D of Soil to 12' BGS	5 days	Mon 10/24/22	Fri 10/28/22	10	Exc & T&D of Soil to 12' BGS								
13		Exc & T&D of soil to bottom of holder from north to south	25 days	Mon 10/31/22	Wed 12/7/22	12,10	Exc & T&D of soil to bottom of holder from north to south								
14		Const Dewatering/T&D of Perched Water	32 days	Mon 10/24/22	Fri 12/9/22	10,8	Const Dewatering/T&D of Perched Water								
15		Steel Tank Wall Removal	27 days	Mon 10/31/22	Fri 12/9/22	12	Steel Tank Wall Removal								
16		Cleaning/Demobilizing of Frac Tank	3 days	Thu 12/8/22	Mon 12/12/22	13	Cleaning/Demobilizing of Frac Tank								
17		Backfill Holder to Elevation 16	15 days	Mon 12/12/22	Tue 1/3/23	15,14	Backfill Holder to Elevation 16								
18		Removal of Temp Facilities/Controls	2 days	Wed 1/4/23	Thu 1/5/23	17	Removal of Temp Facilities/Controls								
19		Site Cleanup/Demobilization	3 days	Fri 1/6/23	Tue 1/10/23	18	Site Cleanup/Demobilization 1/10								

Task

Split

Milestone

Summary

Project Summary

Inactive Task

Inactive Milestone

Inactive Summary

Manual Task

Duration-only

Manual Summary Rollup

Manual Summary

Start-only

Finish-only

External Tasks

External MilestoneDeadlineCriticalCritical SplitLateProgressManual Progress

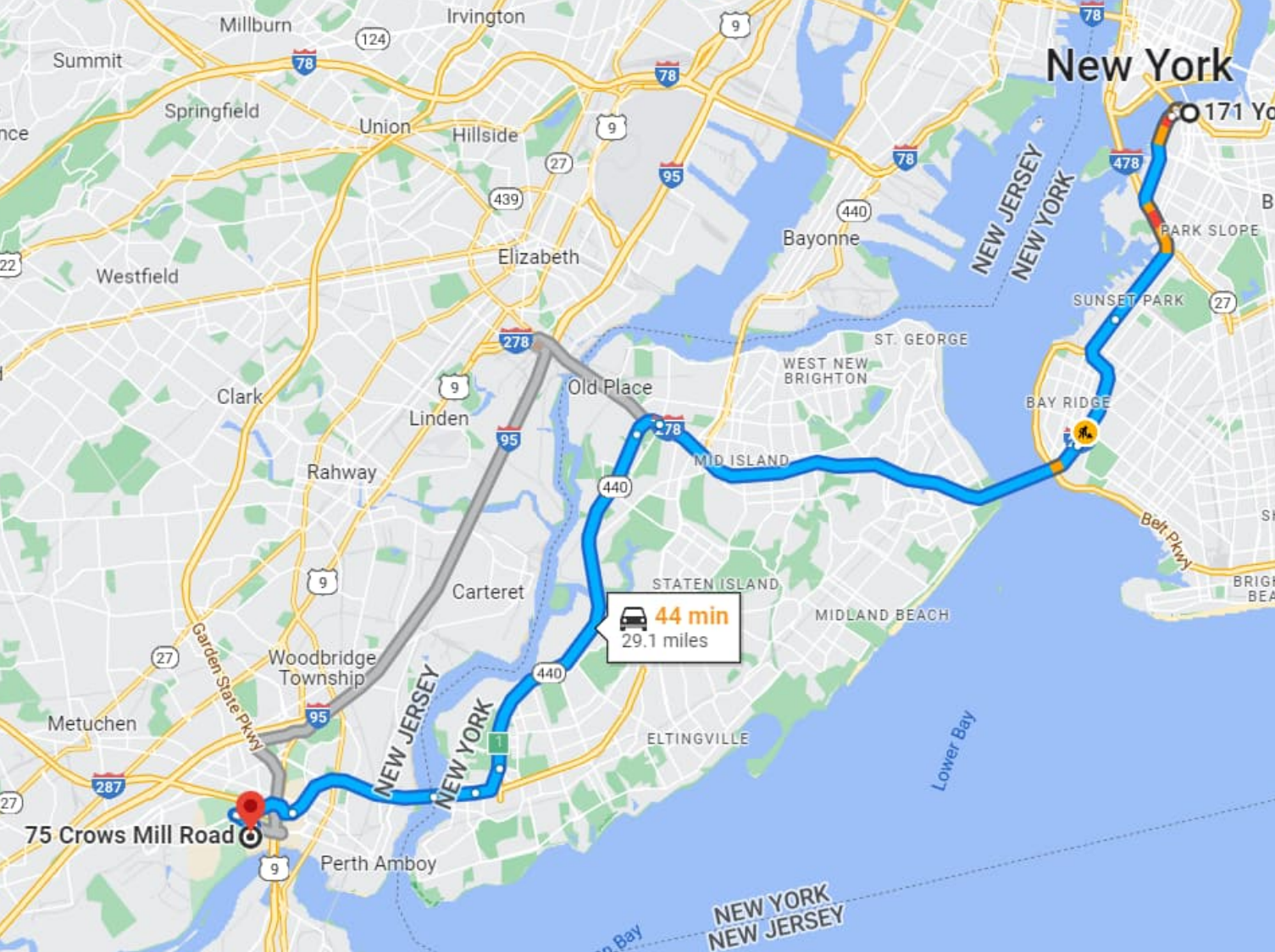
### **Project Site to Bayshore Soil Management**

171 York St  
Brooklyn, NY 11201

Get on I-278 W from York St  
4 min (0.5 mi)

Continue on I-278 W. Take NY-440 S to Industrial Ave/Riverside Dr in Woodbridge Township.  
Take the Riverside Dr exit from NJ-440 S  
38 min (27.7 mi)

Continue on Industrial Ave/Riverside Dr. Drive to Crows Mill Rd  
2 min (0.9 mi)  
75 Crows Mill Rd  
Keasbey, NJ 08832





## **Project Site to Clean Earth Southeast Pennsylvania**

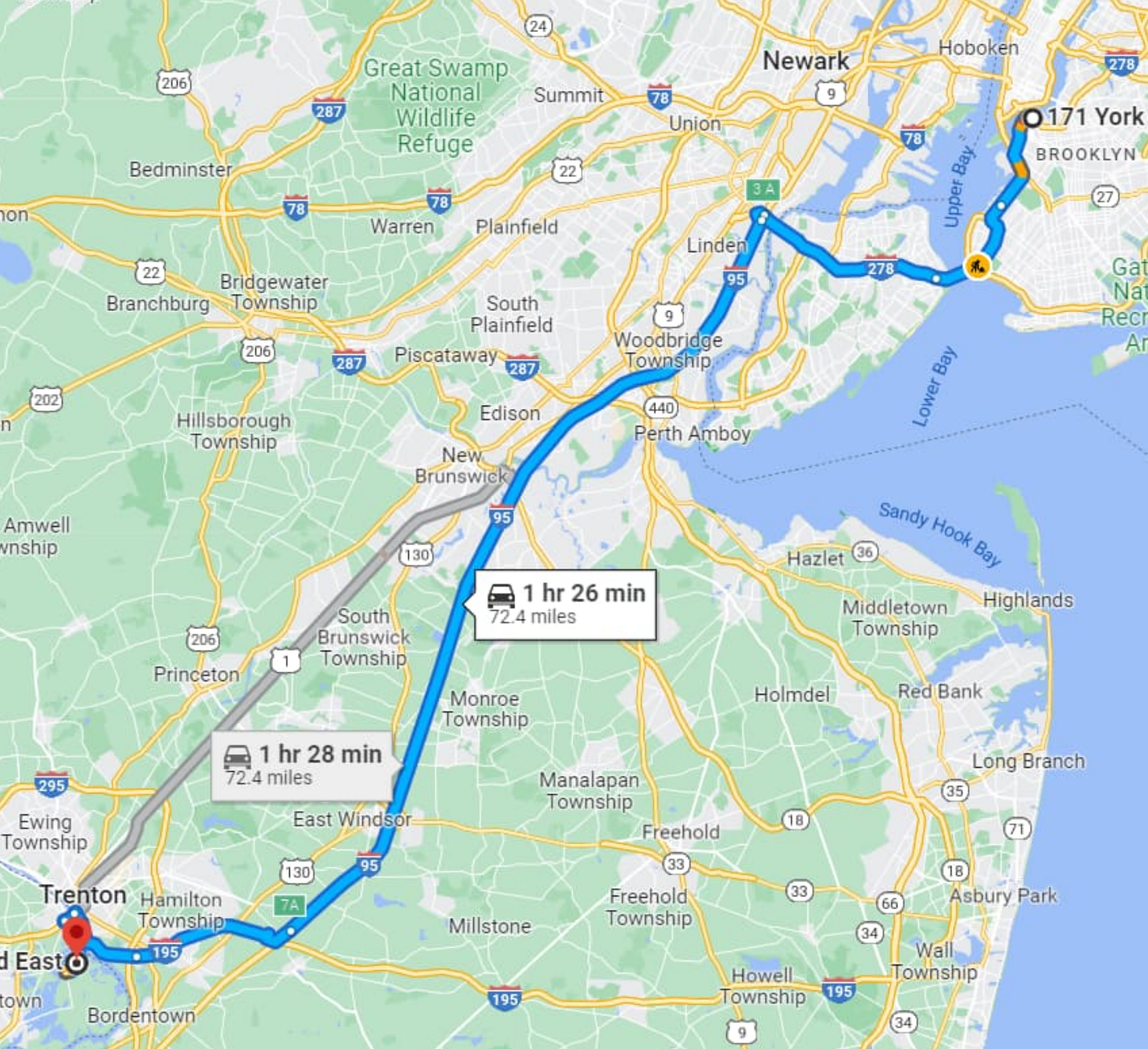
171 York St  
Brooklyn, NY 11201

Get on I-278 W from York St  
4 min (0.5 mi)

Continue on I-278 W. Take I-95 S and I-195 W to S Pennsylvania Ave in Morrisville. Take the South Pennsylvania Ave exit from US-1 S  
1 hr 19 min (68.5 mi)

Continue on S Pennsylvania Ave. Drive to Steel Rd E in Falls Township  
7 min (3.5 mi)  
7 Steel Rd E  
Morrisville, PA 19067





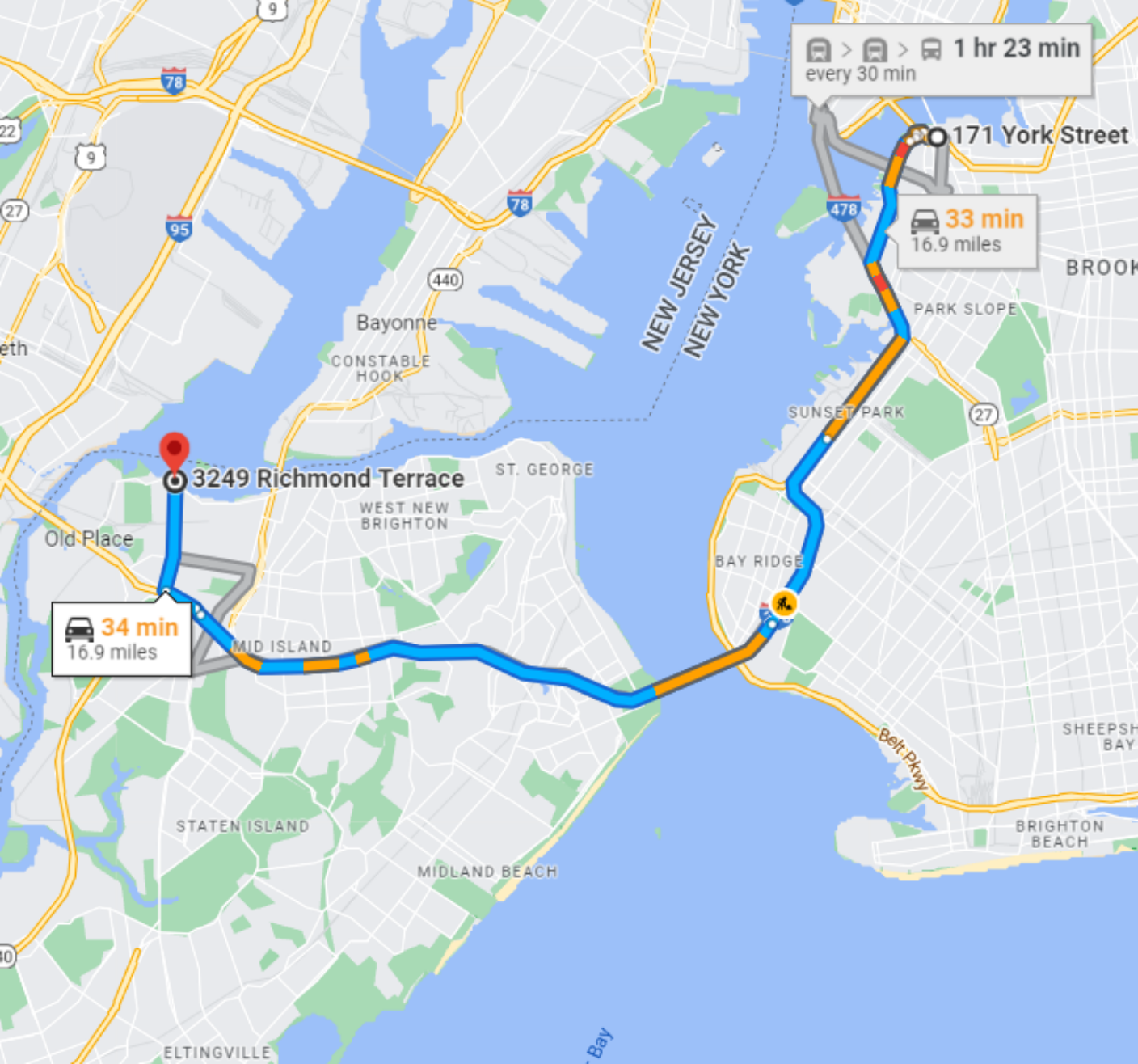
## **Project Site to Clean Water of New York**

171 York St  
Brooklyn, NY 11201

Get on I-278 W from York St  
4 min (0.5 mi)

Follow I-278 W to Goethals Rd N in Staten Island. Take exit 6 from I-278 W  
21 min (14.6 mi)

Take South Ave to your destination  
6 min (1.8 mi)  
3249 Richmond Terrace  
Staten Island, NY 10303



## **Project Site to Waste Management Fairless Landfill**

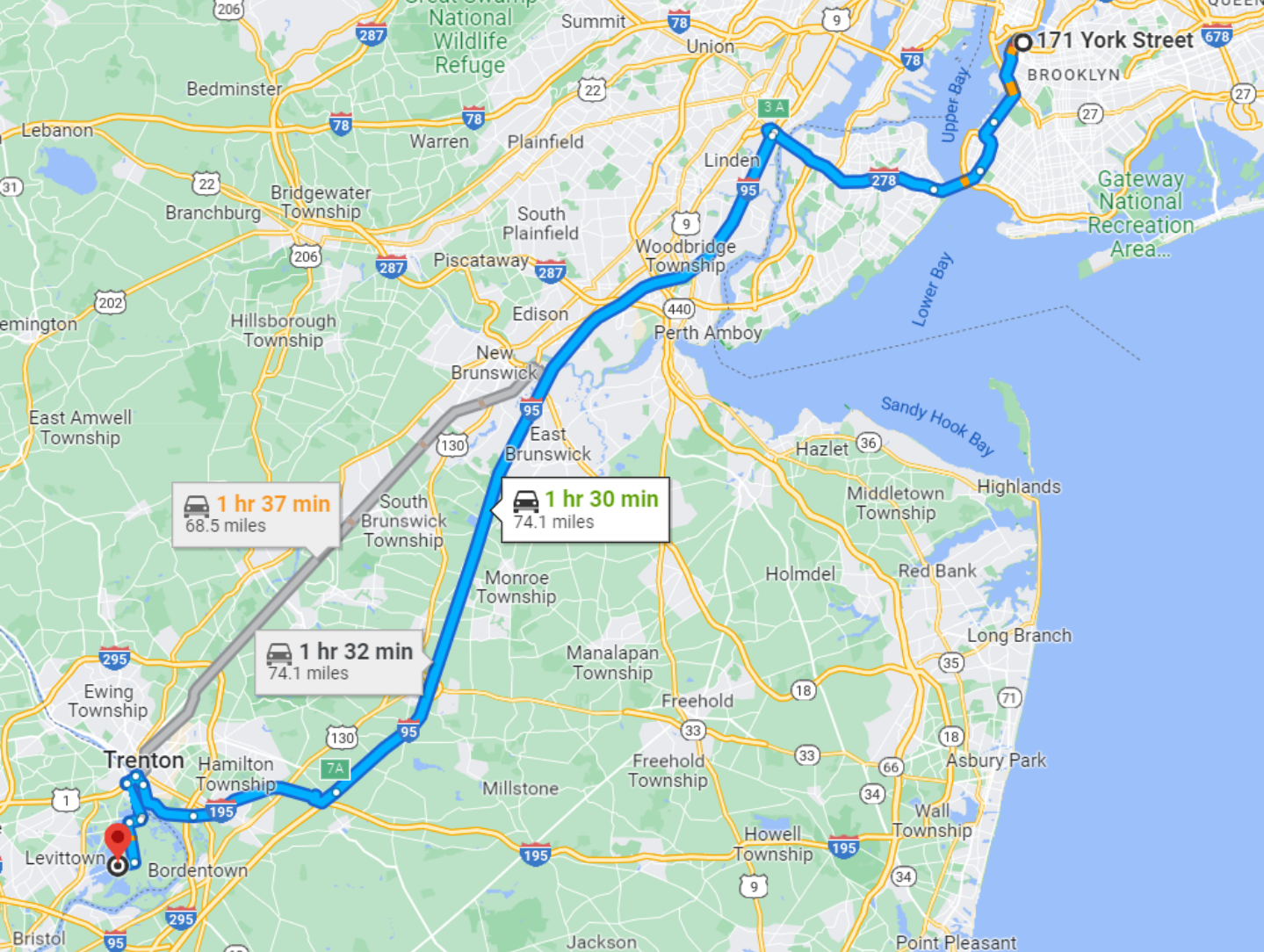
171 York St  
Brooklyn, NY 11201

Get on I-278 W from York St  
4 min (0.5 mi)

Continue on I-278 W. Take I-95 S and I-195 W to S Pennsylvania Ave in Morrisville. Take the South Pennsylvania Ave exit from US-1 S  
1 hr 19 min (68.5 mi)

Continue on S Pennsylvania Ave. Take New Ford Mill Rd to Bordentown Rd in Falls Township  
9 min (5.1 mi)  
1000 Bordentown Rd  
Morrisville, PA 19067





## PETROLEUM IMPACTED WATER ACCEPTENCE CRITERIA

All waste streams must be properly determined by the generator to be Non-Hazardous, Non-RCRA and Non-TSCA regulated. Additionally, all waste streams must meet the following criteria.:

- |                                   |  |
|-----------------------------------|--|
| • Flash Point                     | > 100 °F   |
| • Halogens                        | < 1,000 PPM                                      |
| • 8 RCRA Metals                   | All must be below the RCRA regulatory level      |
| • Volatile Organic Compounds      | All must be below the RCRA regulatory level      |
| • Semi-Volatile Organic Compounds | All must be below the RCRA regulatory level      |
| • Herbicides & Pesticides         | All must be below the RCRA regulatory level      |
| • PCB's*                          | < 2.0 PPM  |
| • Solids **                       | 1 % (Higher % are acceptable at additional cost) |
| • pH ***                          | 6 - 9  |

\*Any waste stream originating from a utility or a potential PCB containing source, unit or structure such as but not limited to transformers, manholes and pipelines, must have recent analysis showing PCB concentrations not greater than 2 PPM. This analysis must be submitted with a completed waste profile form.

\*\*No deductions will be made for material with 1% solids or less. For every percentage over 1% solid or sediment, a charge of \$3.25 per gallon will be added. Waste exceeding 5% solids may be subject to rejection.

\*\*\* A \$0.05 per gallon surcharge will be added for each pH unit below 6 & a \$0.03 per gallon surcharge for each pH unit above 9

Petroleum impacted wastewater streams include up to the first 5% oil content. Loads with greater than 5% oil/petroleum content will be subject to a \$0.10 per gallon surcharge.

Clean Water of New York, Inc. has a \$350.00 per load minimum.

Any waste stream generated from a CERCLA/Superfund site requires NYSDEC Region II approval. Please contact us for specific requirements.

Depending on the process generating the waste, Clean Water of New York, Inc. may require additional laboratory analysis for final approval. Please contact us for verification.

All groundwater waste streams require the following minimum analysis that is not older than three (3) months; from a representative sample of the waste and performed by a New York State certified laboratory.

- VOCs (EPA 8260)
- Total Metals (8 RCRA) plus Copper, Nickel, Zinc, Cobalt, Tin. Aluminum & Iron
- PCBs (EPA 8082)

At our discretion, there may be some latitude on these parameters based on the historic and current site usage; no confirmed or potential impacts from neighboring properties and if petroleum impacts are confined and from a known specific petroleum related sourced (e.g. leaking fuel oil tank).

All waste streams must be submitted on a current waste profile form for final approval prior to shipment. The formal approval number must be included on the shipping document(s).