

2014 Periodic Review Report

for

Hunts Point Food Distribution Center Operable Unit One of Parcel E

Voluntary Cleanup Program Site No. V00414-2

Prepared for:



New York City
Economic Development
Corporation

110 William Street, New York, New York 10038

Prepared by:



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1. INTRODUCTION

Henningson, Durham & Richardson Architecture and Engineering, P.C., in association with HDR Engineering, Inc. (HDR), was contracted by the New York City Economic Development Corporation (NYCEDC) to perform the 2014 Periodic Review Report (PRR) for Operable Unit One of Parcel E (Site E OU-1) in Hunts Point, Bronx, New York. Site E OU-1 is part of the New York State Department of Environmental Conservation's (NYSDEC) Voluntary Cleanup Program (VCP), Site No. V00414-2. In accordance with the VCP and the Voluntary Cleanup Agreement (VCA entered into by the City of New York and NYSDEC), this PRR package has been completed and executed. The Institutional and Engineering Controls Certification Form is included as Appendix A of this report.

The purpose of this PRR is to certify that the conditions of the Site Management Plan (SMP) have been upheld over the previous reporting period. Specific conditions taken into consideration include those observed during the site reconnaissance as well as the engineering controls and institutional controls in place for Site E OU-1 as part of the NYSDEC-approved remedy and as the basis for the Assignable Release and Covenant Not to Sue. The receipt of the release signifies that the remedial objectives for the Site have been met.

As required by the VCA, an annual inspection has been conducted and this Periodic Review Report (PRR) has been prepared in accordance with NYSDEC DER-10 *Technical Guidance for Site Investigation and Remediation* requirements. This is the seventh annual PRR prepared for the Site. The reporting period includes February 15, 2014 through February 15, 2015. The report includes the following elements:

- A Site overview;
- An evaluation of the Site remedy performance, effectiveness, and protectiveness;
- A SMP compliance report; and
- Overall PRR conclusions and recommendations.

The Institutional controls (IC) and Engineering Controls (EC) for Site E OU-1 have remained in place from the final redevelopment dates and continue to exist. This includes the paved surfaces, concrete slabs and surface cover. None of the controls at Site E OU-1 have been altered in a way that would constitute a violation or failure to comply with the SMP for the site. There are no recommendations for changes to the SMP or the site reporting requirements.

2. SITE OVERVIEW

Site E OU-1 is owned by the City of New York and managed by the NYCEDC. Site E OU-1 occupies the address 155 Food Center Drive, Hunts Point, Bronx, New York (Figure 1). The Site is bound on the north by Food Center Drive, on the south by the Hunts Point Cooperative Market, on the west by Operable Unit Two of Parcel E (Site E OU-2), and on the east by land owned by the City of New York and leased to Baldor Specialty Foods, Inc. (Baldor) as a food warehouse and distribution center.

Site E OU-1 consists of 6.99 acres of land. The majority of the parcel is located within the bounds of the current Baldor leasehold. Access to the Baldor property and Site E OU-1 is controlled by a secured gate and perimeter fencing. Site E OU-1 is partially occupied by a truck maintenance



Aerial Photo Source: © 2011 Google.
 Imagery Date: June 18, 2010

NOTE: All site boundaries are approximate.



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One Blue Hill Plaza
 Pearl River, NY 10965

Site E OU-1 Location

Hunts Point • Bronx, New York 10474

**Figure
 1**

facility and tractor trailer parking lot under the existing leasehold between the City of New York and Baldor.

Parcel E was historically part of a Consolidated Edison of New York, Inc. (Con Edison) manufactured gas plant (MGP), which consisted of several structures and numerous below ground utilities. The parcel was also used for material storage. Investigative activities showed that contamination existed in three (3) primary forms: coal tar, purifier waste and petroleum contaminated soil. The majority of Site E OU-1 was developed for use as a truck maintenance facility and a paved parking area. The area of the truck maintenance facility includes a concrete slab and building foundation. A small area located adjacent to and west of the truck maintenance building is not paved. This area was intended to accommodate a building expansion proposed by A&P Foods, a former tenant. However, the expansion was not completed. The area is currently covered in gravel with minimal vegetation. It is unfenced but contained within the Baldor fencing.

Additionally, there is an unpaved area adjacent to the southern site perimeter. This unpaved area is an approximately 20 foot wide strip which is a New York City Department of Environmental Protection (NYCDEP) easement for the sewer/stormwater system. It is unfenced, but is contained within the Baldor fencing. The area has remained unpaved from the time of development, and is currently covered with gravel and void of vegetation.

A 40-foot wide, east-west orientated Con Edison easement runs through the paved area of the site. In addition, two gas lines cross the paved area of Site E OU-1. The smaller of the two gas lines runs parallel to and south of the easement and is noted by Con Edison as being abandoned. The northern high-pressure gas line is within the easement, measures 24-inches in diameter, extends from the nearby Con Edison Halleck Street Transmission Station and continues to the east across Food Center Drive to a Con Edison facility located along the Bronx River. The asphalt/concrete paving, concrete building slabs and one-foot of material overlying the vegetated area effectively constitute the engineering cap and control for Site E OU-1.

3. EVALUATION OF REMEDY

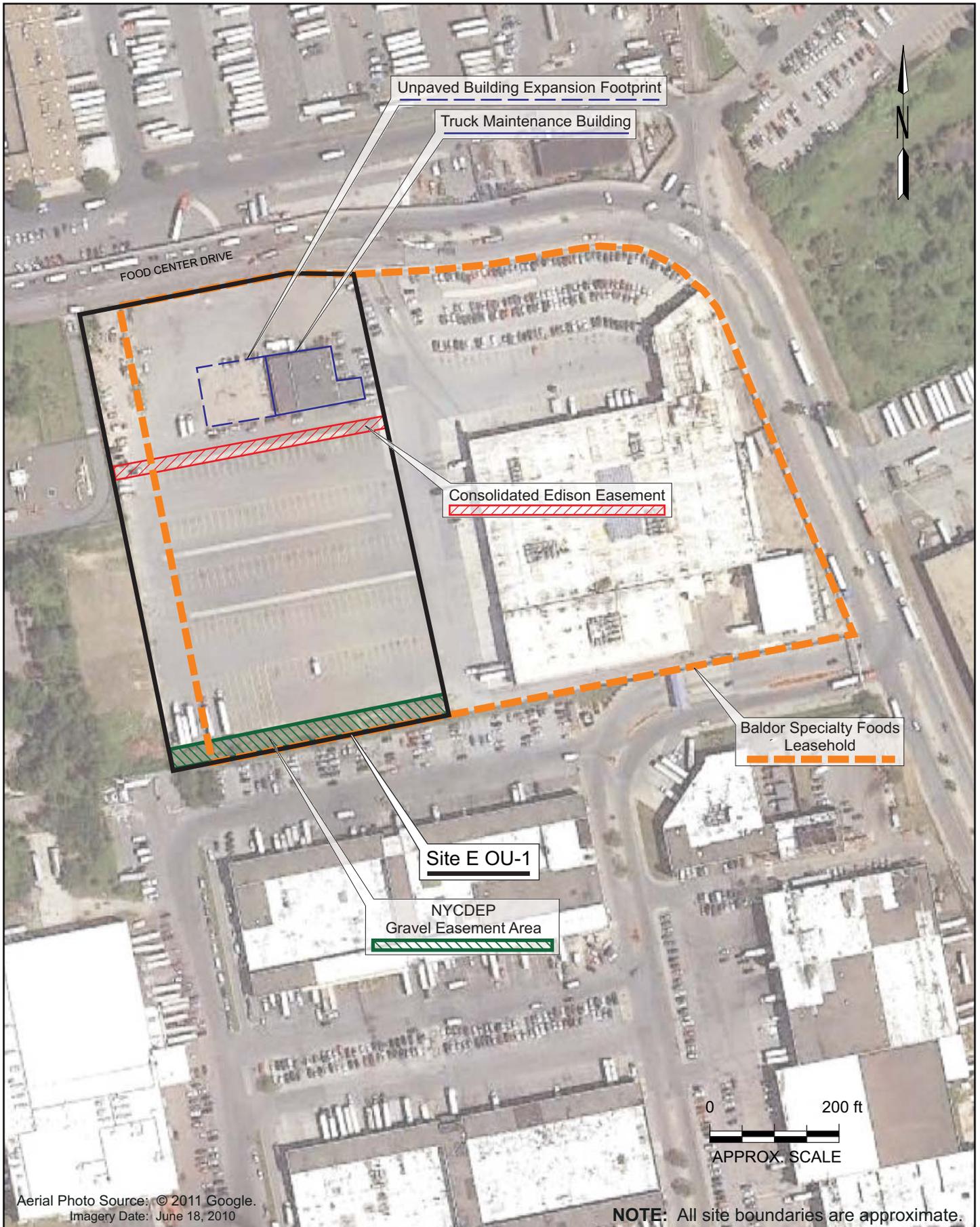
The remaining contamination on-site in the soil/fill or groundwater could only be released during intrusive activities. Currently the Site is predominantly developed as an asphalt parking lot and the residual contaminants are encapsulated from the public by the asphalt cap. The undeveloped portions of the Site are entirely contained within the Site fencing and are covered in gravel.

The property remains in compliance with the requirements of the IC/ECs:

- All ECs are being operated and maintained as specified in the SMP;
- All ECs are inspected and certified at a frequency and in a manner defined in the SMP; and
- Data and information pertinent to Site Management is reported at the frequency and in a manner defined in the SMP.

The Deed Restriction which formally documents IC/ECs at the Site was filed on July 18, 2007. The remediation identifies ICs in the form of Site restrictions. Adherences to these ICs are required under the Deed Restriction. Site restrictions include:

- *Use of groundwater underlying the Site is prohibited without treatment rendering it safe for the intended use;*



Aerial Photo Source: © 2011 Google.
Imagery Date: June 18, 2010



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Architecture and Engineering, P.C.
One Blue Hill Plaza
Pearl River, NY 10965

Site E OU-1 Features
Hunts Point • Bronx, New York 10474

Figure 2

- *All future activities on the Site that will disturb residual contaminated material are prohibited unless they are conducted in accordance with the soil/materials management provisions in the SMP; and*
- *The owner of the property shall prohibit the Site from ever being used for purposes other than commercial or industrial use provided the long term ECs and ICs remain in full force and effect as set forth in the Site Management Plan without express written waiver of such prohibition by the Department, or the Relevant Agency.*

The Site inspection was conducted on March 26, 2015, by HDR. Photographs were taken during the Site visit and are included as Appendix B.

Upon arriving on Site E OU-1, HDR met with Manny Lopez, Baldor's Maintenance Manager. As per Mr. Lopez, Baldor has performed no intrusive activities within the bounds of Site E OU-1 over the past year. Once the interview was complete, HDR traversed the Site and inspected the ECs. HDR observed that the southern unpaved NYCDEP easement continues to be unobstructed, per the requirements of the easement. This unpaved area ends shortly before the eastern perimeter of Site E OU-1 and is bordered to the north by a 3-foot high metal guard rail. Gravel remains in place over the area and remains level and void of vegetation. Based on observations, no excavation took place and no subsurface soil was removed from the Site during this reporting period. It is anticipated that the NYCDEP easement will be paved with asphalt in the future with the possible removal of the metal railing system.

The majority of the Site is paved with asphalt and tractor-trailer parking spaces are delineated with concrete-paved strips. The engineered cap is in place and is unchanged from the previous Periodic Review Report. The existing truck maintenance building is near the northern perimeter of Site E OU-1 and remains unchanged. The western half of the originally designed structure has a concrete foundation with rebar protruding from the ground surface but construction was never completed. This area continues to remain unpaved and covered with gravel and minimal vegetation.

Several areas of Site E OU-1 require asphalt patching, although the holes did not extend through the binder course. As per Mr. Lopez, Baldor anticipates repairing these holes this spring.

As mentioned above, subsurface utilities do exist in Site E OU-1. However, no maintenance or upgrades requiring subsurface intrusion have reportedly been performed on these structures within the past year.

A Generic Worker/Department Notification plan has been created to provide notification, prior to the commencement of work, to the NYSDEC when intrusive activities are scheduled. This plan has been included as Appendix C.

The Site has consistently been operated in conformance with these restrictions over the 2014 annual PRR reporting period. The EC/ICs objectives are to:

- Prevent ingestion/direct contact with contaminated soil, fill material; and
- Prevent contact with or inhalation of volatiles from contaminated subsurface or groundwater.

As noted below and documented in this PRR, the ECs and ICs have remained in place and have functioned appropriately over this reporting period.

4. SMP COMPLIANCE REPORT

Based on the annual Site inspection of March 26, 2014 and Site information reviewed during the reporting period, the ECs described in the SMP are in place and functional.

Direct contact exposure to residual subsurface contamination (i.e., on-site soil/fill/bedrock) is prevented by the surrounding asphalt parking lots and gravel cover. No major maintenance of the barrier is required under normal conditions.

The annual Site inspection has been evaluated as part of the EC/IC certification and confirmed that the Site remedies continue to be protective of public health and the environment and are performing as designed. A signed IC/EC Certification is provided as Appendix A.

5. CONCLUSIONS & RECOMMENDATIONS

The ICs and ECs for Site E OU-1, also known as NYSDEC VCP Site No. V00414-2, have remained in place from the final redevelopment dates and continue to exist. This includes the paved surfaces, concrete slabs and surface cover. Additionally, the ICs and ECs required in the deed restrictions and SMP have been met during this reporting period. Site staff were reminded of the SMP requirements after completion of the annual Site inspection/reconnaissance.

Nothing has occurred that would constitute a violation or failure to comply with the SMP for the controls implemented on Site E OU-1.



Appendix A

NYSDEC Periodic Review Report Form



Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form



Site Details		Box 1	
Site No.	V00414		
Site Name Hunts Point Food Distr Ctr (Parcel E)			
Site Address: 155 Food Center Drive		Zip Code: 10474	
City/Town: Bronx			
County: Bronx			
Site Acreage: 7.0			
Reporting Period: February 15, 2014 to February 15, 2015			
		YES	NO
1. Is the information above correct?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
If NO, include handwritten above or on a separate sheet.			
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.			
5. Is the site currently undergoing development?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
		Box 2	
		YES	NO
6. Is the current site use consistent with the use(s) listed below? Industrial		<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Are all ICs/ECs in place and functioning as designed?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.			
A Corrective Measures Work Plan must be submitted along with this form to address these issues.			
N/A		N/A	
Signature of Owner, Remedial Party or Designated Representative		Date	

SITE NO. V00414

Box 3

Description of Institutional Controls

Parcel

2781-500

Owner

New York City Economic Development Corp.

Institutional Control

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction

1. Use of groundwater underlying the Site is prohibited without treatment rendering it safe for the intended use;
2. All future activities on the Site that will disturb residual contaminated material are prohibited unless they are conducted in accordance with the soil/materials management provisions in the Site Management Plan (SMP); and
3. The owner of the property shall prohibit the Site from ever being used for purposes other than commercial or industrial use provided the long-term Engineering and Industrial Controls remain in full force and effect as set forth in the SMP without express written waiver of such prohibition by the Department, or the Relevant Agency.

Box 4

Description of Engineering Controls

Parcel

2781-500

Engineering Control

Cover System
Fencing/Access Control

The remaining contamination on-site in the soil/fill, rock or groundwater could only be released during intrusive activities. Currently, the Site is predominantly developed as an asphalt parking lot and the residual contaminants are encapsulated from the public by the asphalt cap. The undeveloped portions of the Site are entirely contained within the site fencing and are covered in gravel.

IC CERTIFICATIONS
SITE NO. V00414

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1, 2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Mr. Richard Cote at 110 Williams Street, New York, NY 10038
print name print business address

am certifying as Owner's Representative (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.


Signature of Owner, Remedial Party, or Designated Representative
Rendering Certification

4-27-15
Date

IC/EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Mr. Thomas Pease, PhD, P.E. at 1 International Boulevard, Mahwah, NJ 07495
print name print business address

am certifying as a Qualified Environmental Professional for the NYCEDC (Owner's Representative)
(Owner or Remedial Party)


Signature of Qualified Environmental Professional, for
the Owner or Remedial Party, Rendering Certification



Stamp
(Required for PE)

9/24/15
Date

Appendix B

March 2015 Site Photographs



Photograph 1 – Site E-OU1 Cap (looking west)



Photograph 2 – Site E-OU1 Cap (looking southwest)



Photograph 3 – Site E-OU1 cap (looking south)



Figure 4 – Site E-OU1 Cap (looking southeast)



Photograph 5 – Site E-OU1 Southern Perimeter and NYCDEP Storm water easement (looking west)



Photograph 6 – Site E-OU1 Incomplete construction of truck maintenance building expansion (looking northeast)



Photograph 7 – Site E-OU1 Example of pot hole that will be repaired (looking northwest)



Photograph 8 – Site E-OU1 northern fence line and cap (looking northwest)



Appendix C

Department/Worker Notification Plan



The New York City Economic Development Corporation (NYCEDC) maintains a comprehensive plan for notifying utilities and City agencies of the subsurface conditions present. Currently under this comprehensive plan, all utility companies have been notified to coordinate planned and emergency subsurface utility work with Rory Melvin (Director of Facilities Management, NYCEDC's Asset Management Division), who is at the site on a regular basis, and Ms. Tracey Bell (Assistant Vice President, NYCEDC Planning Division).

At that time, NYCEDC will contact the parties performing the anticipated work about the potential contamination beneath the site and inform them that any soil handling work that is conducted in this area must conform to the approved Site Management Plan (SMP). NYCEDC will instruct their consultant to be present and provide guidance during any subsurface work and to coordinate notifications to the New York State Department of Environmental Conservation (NYSDEC).

Furthermore, all tenant leaseholds within the Food Distribution Center, whether or not they are located on a Voluntary Cleanup Program (VCP) project site, are contractually obligated to abide by the notification systems described above for any invasive work within their leaseholds. Both the approved SMP and Health and Safety Plan (HASP) requirements are appended to all tenant leases.

At least 10 days prior to the start of any activity that is reasonably anticipated to encounter remaining contamination, the site owner or their representative will notify the NYSDEC, or if the NYSDEC shall no longer exist, any New York State agency or agencies subsequently created to protect the environment of the state and the health of the state's citizens, hereinafter referred to as "the Relevant Agency". Currently this notification will be made to:

Mr. Ronnie Lee, P.E.
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, NY 12233-7016
Tel: (518) 402-9768

And

Director, Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, NY 12233-7010

Notifications to the Relevant Agency will be submitted by:

Ms. Tracey Bell
NYCEDC
110 William Street, 6th Floor
New York, NY 10038

Or

Mr. Brian K. Montroy
HDR
1 International Boulevard, 10th Floor
Suite 1000
Mahwah, NJ 07495

Soils generated during any invasive work will be segregated, and stockpiled based on soil composition, any soils that cannot be reused within the confines of the excavated area will be sampled



for waste characteristic and disposed of in accordance with all applicable state and federal regulations. Excavated soils that exhibit signs of coal tar or purifier waste contamination as described in the approved SMP will be segregated and stocked piled separately, sampled for waste characterization, and then subsequently transported off site for disposal at an appropriately permitted facility.