

JAN 12 2011



**Environmental
Protection**

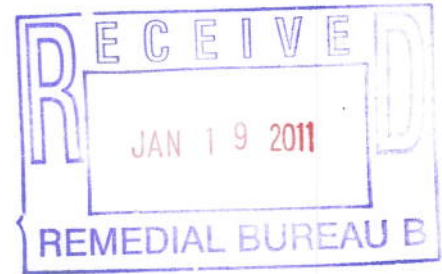
**Caswell F. Holloway
Commissioner**

**Kathryn Mallon, P.E.
Deputy Commissioner
Bureau of Engineering
Design & Construction
kmallon@dep.nyc.gov**

96-05 Horace Harding
Expressway
Corona, NY 11368
T: (718) 595-6183
F: (718) 595-5999

Mr. Thomas Panzone
Citizen Participation Spec.
New York State Department of Environmental Conservation
Region 2 Office
47-40 21st Street
Long Island City, NY 11101

RE: Environmental Restoration Project
Barretto Point Site
Site No: B00032-2
Explanation of Significant Difference



Dear Mr. Panzone:

New York State Department of Environmental Conservation requires DEP to send fact sheet (see Attachment) describing the modified remedy for the above-referenced site to you. This fact sheet must be kept in the document file at your facility.

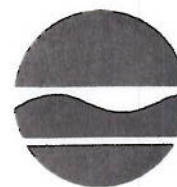
Should you have any questions or need further information, please feel free to contact Kin Tong, P.E. at 718-595-7197.

Sincerely,

John Romano, P. E.
Executive Project Manager

cc: K. Tong, R. Lee

EXPLANATION OF SIGNIFICANT DIFFERENCE BARRETTO POINT SITE



City of New York / Bronx County / Site No. B00032 / November 2010

Prepared by the New York State Department of Environmental Conservation
Division of Environmental Remediation

1.0 INTRODUCTION

The purpose of this notice is to describe the progress of the cleanup at the Barretto Point Site and to inform you about a change in the Site remedy. The 13-acre Barretto Point Environmental Restoration Site is located in the Hunts Point section of Bronx County, New York (see Figure 1). On December 4, 2003, the New York State Department of Environmental Conservation (NYSDEC) issued a decision document (known as a "Record of Decision" or ROD), which selected a remedy to cleanup the Site. The ROD called for remediating the "Former Paint and Varnish Manufacturing Facility" (FPVMF) area, which has been completed, and covering the entire site with 2 feet of clean cover to limit exposure to residually contaminated soil. To date, approximately 7.5 acres of the site is covered with 2 feet of clean soil cover, and may be used for recreational land use. The remaining 5.5 acres of the site are covered with vegetation, or a layer of asphalt and/or gravel. Due to these cover materials, direct exposure to residual contamination on the site is unlikely. The change to the original remedy involves allowing this portion of the site (the 5.5-acre area) to be covered with vegetation or the existing layer of fill, asphalt, and/or gravel, instead of 2 feet of clean soil. The material within the top one-foot in this area generally meets the industrial soil cleanup objectives (SCOs). Most of the 5.5-acre area will ultimately be covered by structures related to the upgrade of the Hunts Point Water Pollution Control Plant (HPWPCP). In its current status, the 5.5-acre area will be restricted to industrial land use. In the future, if some of the 5.5 acre area is converted to recreational use, this area must be covered with a 2-foot clean soil cover prior to that change in use.

This Explanation of Significant Difference (ESD) will become part of the Administrative Record for this Site. The information here is a summary of what can be found in greater detail in documents that have been placed in the following repositories:

NYSDEC Region 2
47-40 21st Street
Long Island City, NY 11101
Attn: Vadim Brevdo
(718) 482-4891
M – F: 8:30am – 4:45pm

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Hunts Point Branch
877 Southern Boulevard (at Tiffany Street)
Bronx, NY 10459
(718) 617-0338
M & Th: 10am – 7pm; Tu & W: 10am – 6pm
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Although this is not a request for comments, interested persons are invited to contact the Department's Project Manager for this site to obtain more information or have questions answered.

2.0 SITE DESCRIPTION AND ORIGINAL REMEDY

2.1 Site History, Contamination, and Selected Remedy

The Barretto Point Environmental Restoration Site consists of a 13-acre City-owned waterfront parcel in a predominantly industrialized area of the South Bronx (Hunts Point) and is located immediately adjacent to the Hunts Point Sewage Treatment Plant. The site is somewhat remote from residential population centers in Hunts Point and has very heavy tractor trailer truck traffic associated with solid waste transfer stations and other commercial uses.

Most of the northwest portion of the site was the location of a sand and gravel operation. An asphalt plant was located in the southwest corner of Barretto Street and Ryawa Avenue, and framed coal pockets (structures likely used for the storage of coal) were located to the west along the East River. In the northeastern portion of the site, industries included a paint and varnish manufacturing facility. By 1991, the structures mentioned above were no longer present on the site. As a result of these historic operations, on-site soils were contaminated with elevated levels of volatile organic compounds (VOCs), polyaromatic hydrocarbons (PAHs), and metals.

A Site Investigation (SI) was completed in 2000. The SI identified low to moderate contamination in most areas, consistent with urban fill, except in the former paint and varnish manufacturing area. In this area VOCs were found in soil and groundwater due to historical manufacturing processes and possible disposal of paint and varnishes. A Remedial Alternative Report was completed in January 2003, and the Record of Decision (ROD) was signed on December 4, 2003. Based on the SI completed by the City under the Environmental Restoration Program, a ROD was issued by the Department in December 2003. The remedial actions outlined in the ROD included:

- Placement of 2 feet of clean soils in the 5-acre Planned Park Area (PPA) and the 8-acre Remaining Site Area (RSA);
- Excavation and removal of approximately 14,100 cubic yards of contaminated soil in the 0.7-acre Former Paint and Varnish Manufacturing Facility Area;
- Covering the excavated areas with clean soil and/or the future treatment plant digesters which have been proposed as part of the upgrade of the HPWPCP;
- Development of a Soils Management Plan and the imposition of an Environmental Easement to restrict future use of the property.

New York City applied for and was approved for remediation funding from the 1996 Bond Act on September 14, 2004.

3.0 CURRENT STATUS

The NYCDPR completed the remediation of the PPA and constructed the 5-acre Barretto Point Park in the western portion of the site in February 2007. In the latter part of 2008, the New York City Department of Environmental Protection (NYCDEP) commenced the remediation of the RSA which required the completion of the following Tasks: Task 1 - excavation and off-site disposal of approximately 14,100 cubic yard of contaminated soil; Task 2 - backfilling the excavation to grade;

Task 3 - covering the excavation area (measuring approximately 2.5 acres) with 2 feet of clean cover; and Task 4 – covering the remainder of the RSA (measuring approximately 5.5 acres) with 2 feet of clean cover.

By August 2009 the NYCDEP had completed Tasks 1 through 3. Task 4 has been modified and involves covering the remainder of the RSA with either vegetation or a layer of asphalt and/or gravel instead of 2 feet of clean soil. On November 3, 2010 the Department issued an ESD which allows the remaining 5.5 acres to remain as is, since the top one-foot of material in this area meets industrial soil cleanup objectives; the area is completely fenced; and the material already in place precludes exposure to any residual contamination.

4.0 DESCRIPTION OF SIGNIFICANT DIFFERENCE

4.1 New Information

The original remedy called for covering the entire 13-acre site with 2 feet of clean cover. The NYCDPR and the NYCDEP have already covered 7.5 acres of the site with 2 feet of clean cover. Upon re-examination of the soil data from the SI and considering the current and future use of the site, the NYSDEC has determined that a 2-foot soil cover over the remaining 5.5 acres is presently unnecessary for the intended use of the site. The material that currently covers the top one (1) foot of the remaining 5.5 acres (i.e. asphalt, gravel, vegetation, and soil) generally meets the industrial soil SCOs. Also, most of the remaining 5.5 acres will be covered by structures (i.e. the treatment plant digesters) once the proposed upgrade of the HPWPCP is completed in the future. In addition, a well maintained fence and a locked gate restricts public access to the NYCDEP portion of the site.

Other areas that are outside the footprint of the upgraded HPWPCP, but are adjacent to the Barretto Point Park, may be covered with 2 feet of clean soil at a later date. If this occurs, the institutional controls on the upgraded areas can be changed to recreational land use.

4.2 Comparison of Changes with Original Remedy

The original remedy called for the coverage of the entire site with 2 feet of clean cover. The revised remedy still covers the entire site, but a part of the NYCDEP portion of the site is covered with either pavement, a layer of asphalt and/or gravel, or vegetation. These cover materials meet the industrial SCOs, and serve to limit direct exposures to residually contaminated surface soil. In addition, the NYCDEP portion of the site is surrounded by a fence and a locked gate which limits access to the site by unauthorized individuals. In the future the NYCDEP portion of the site will almost entirely be covered by structures associated with the proposed upgrade of the HPWPCP.

All other aspects of the revised remedy remain the same as the original remedy including the institutional and engineering controls. These controls would be described in a Site Management Plan. Controls would include requirements for properly handling any contaminated soils which may be excavated during expected future construction activity.

The cost of the original selected remedy was \$11,315,241. The cost of implementing this remedy is estimated to be \$10,565,477.

5.0 SCHEDULE AND MORE INFORMATION

All essential remedial work associated with this project has been completed.



**Environmental
Protection**

Caswell F. Holloway
Commissioner

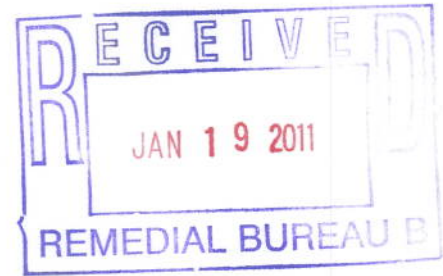
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JAN 12 2011

Ms. Dawn Hettrick, P.E.
New York State Department of Health
547 River Street
Troy, NY 12180

RE: Environmental Restoration Project
Barretto Point Site
Site No: B00032-2
Explanation of Significant Difference



Dear Ms. Hettrick:

New York State Department of Environmental Conservation requires DEP to send fact sheet (see Attachment) describing the modified remedy for the above-referenced site to you. This fact sheet must be kept in the document file at your facility.

Should you have any questions or need further information, please feel free to contact Kin Tong, P.E. at 718-595-7197.

Sincerely,

John Romano, P. E.
Executive Project Manager

cc: K. Tong, R. Lee

EXPLANATION OF SIGNIFICANT DIFFERENCE BARRETTO POINT SITE



City of New York / Bronx County / Site No. B00032 / November 2010

Prepared by the New York State Department of Environmental Conservation
Division of Environmental Remediation

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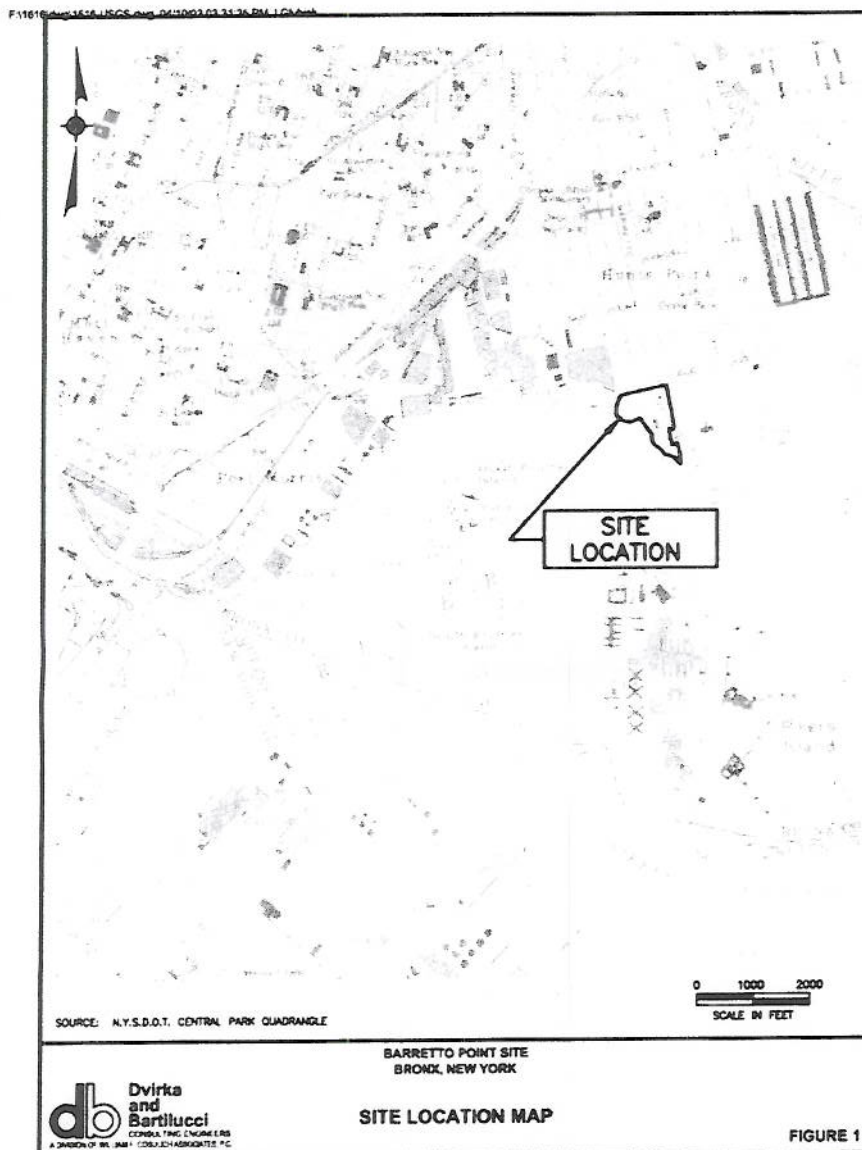
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Ronnie Lee, Project Manager
NYSDEC Central Office
625 Broadway, 12th Floor
Albany, NY 12233-7016
(518) 402-9768
rslee@gw.dec.state.ny.us

Thomas Panzone, Citizen Participation Spec.
NYSDEC Region 2 Office
47-40 21st Street
Long Island City, NY 11101
(718) 482-4958
tvpanzon@gw.dec.state.ny.us

Vadim Brevdo
NYSDEC Region 2 Office
47-40 21st Street
Long Island City, NY 11101
(718) 482-4928
vxvbrevdo@gw.dec.state.ny.us

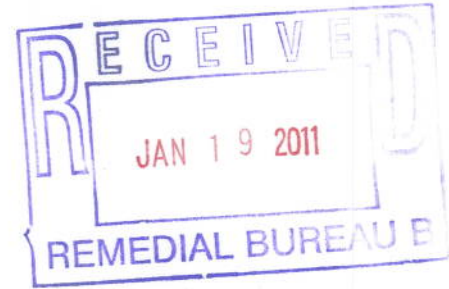
Dawn Hettrick
NYSDOH
547 River Street
Troy, NY 12180-2216
(518) 402-7860
(800) 458-1158 ext. 27860





JAN 12 2011

Mr. Vadim Brevdo
New York State Department of Environmental Conservation
47-40 21st Street
Long Island City, NY 11101



RE: Environmental Restoration Project
Barretto Point Site
Site No: B00032-2
Explanation of Significant Difference

Caswell F. Holloway
Commissioner
cholloway@dep.nyc.gov

59-17 Junction Boulevard
Flushing, NY 11373
T: (718) 595-6565
F: (718) 595-3525

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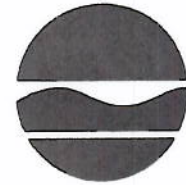
Sincerely,

John Romano, P. E.
Executive Project Manager

cc: K. Tong, R. Lee

EXPLANATION OF SIGNIFICANT DIFFERENCE

BARRETTO POINT SITE



City of New York / Bronx County / Site No. B00032 / November 2010

Prepared by the New York State Department of Environmental Conservation
Division of Environmental Remediation

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4.2 Comparison of Changes with Original Remedy

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5.0 SCHEDULE AND MORE INFORMATION

All essential remedial work associated with this project has been completed.

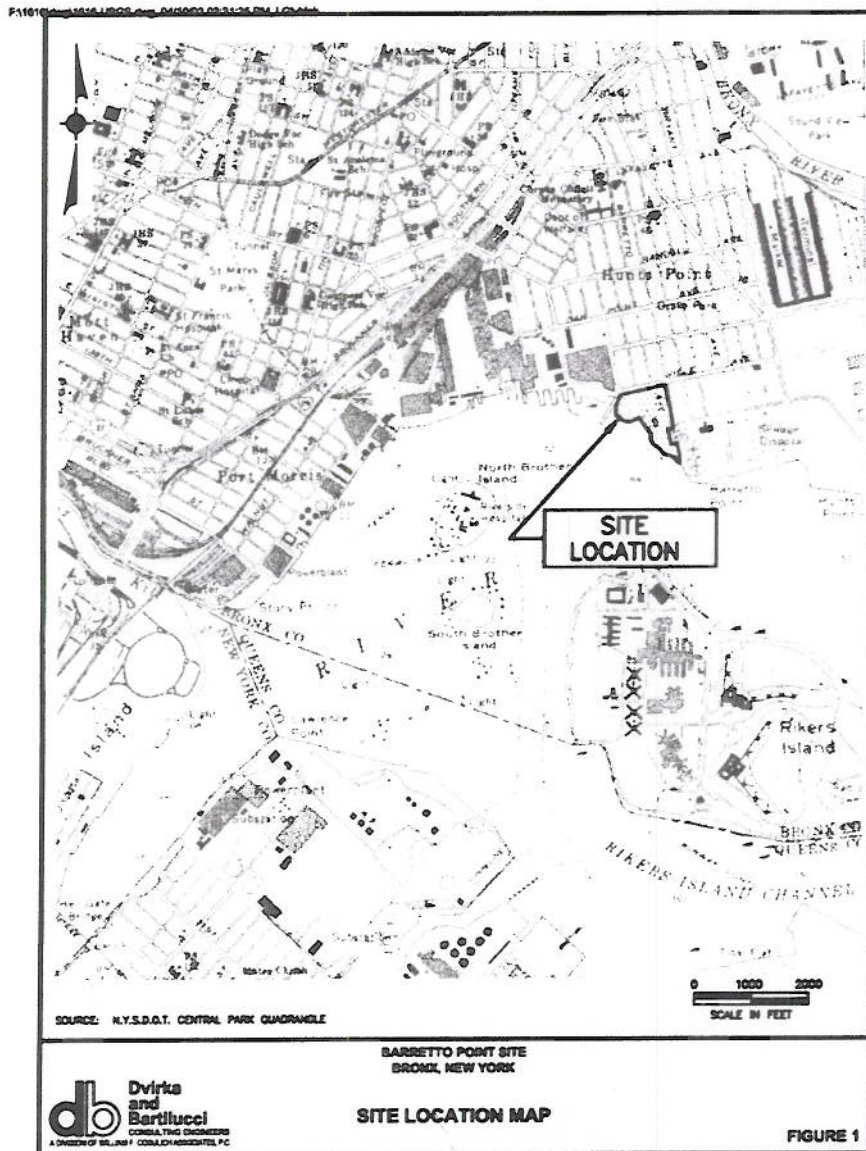
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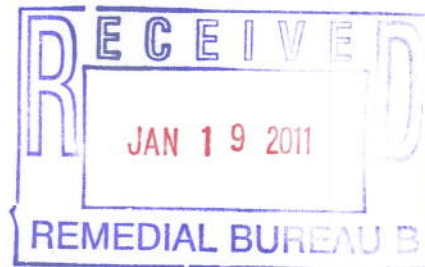




**Environmental
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JAN 12 2011

Mr. Gilbert Arroyo
Site Manager
New York Public Library
Hunts Point Branch
877 Southern Boulevard
Bronx, NY 10459



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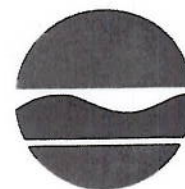
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Division of Environmental Remediation

1.0 INTRODUCTION

The purpose of this notice is to describe the progress of the cleanup at the Barretto Point Site and to inform you about a change in the Site remedy. The 13-acre Barretto Point Environmental Restoration Site is located in the Hunts Point section of Bronx County, New York (see Figure 1). On December 4, 2003, the New York State Department of Environmental Conservation (NYSDEC) issued a decision document (known as a "Record of Decision" or ROD), which selected a remedy to cleanup the Site. The ROD called for remediating the "Former Paint and Varnish Manufacturing Facility" (FPVMF) area, which has been completed, and covering the entire site with 2 feet of clean cover to limit exposure to residually contaminated soil. To date, approximately 7.5 acres of the site is covered with 2 feet of clean soil cover, and may be used for recreational land use. The remaining 5.5 acres of the site are covered with vegetation, or a layer of asphalt and/or gravel. Due to these cover materials, direct exposure to residual contamination on the site is unlikely. The change to the original remedy involves allowing this portion of the site (the 5.5-acre area) to be covered with vegetation or the existing layer of fill, asphalt, and/or gravel, instead of 2 feet of clean soil. The material within the top one-foot in this area generally meets the industrial soil cleanup objectives (SCOs). Most of the 5.5-acre area will ultimately be covered by structures related to the upgrade of the Hunts Point Water Pollution Control Plant (HPWPCP). In its current status, the 5.5-acre area will be restricted to industrial land use. In the future, if some of the 5.5 acre area is converted to recreational use, this area must be covered with a 2-foot clean soil cover prior to that change in use.

This Explanation of Significant Difference (ESD) will become part of the Administrative Record for this Site. The information here is a summary of what can be found in greater detail in documents that have been placed in the following repositories:

NYSDEC Region 2
47-40 21st Street
Long Island City, NY 11101
Attn: Vadim Brevdo
(718) 482-4891
M – F: 8:30am – 4:45pm

New York Public Library
Hunts Point Branch
877 Southern Boulevard (at Tiffany Street)
Bronx, NY 10459
(718) 617-0338
M & Th: 10am – 7pm; Tu & W: 10am – 6pm
Fr & Sat: 10am – 5pm; Sun: Closed

Although this is not a request for comments, interested persons are invited to contact the Department's Project Manager for this site to obtain more information or have questions answered.

2.0 SITE DESCRIPTION AND ORIGINAL REMEDY

2.1 Site History, Contamination, and Selected Remedy

The Barretto Point Environmental Restoration Site consists of a 13-acre City-owned waterfront parcel in a predominantly industrialized area of the South Bronx (Hunts Point) and is located immediately adjacent to the Hunts Point Sewage Treatment Plant. The site is somewhat remote from residential population centers in Hunts Point and has very heavy tractor trailer truck traffic associated with solid waste transfer stations and other commercial uses.

Most of the northwest portion of the site was the location of a sand and gravel operation. An asphalt plant was located in the southwest corner of Barretto Street and Ryawa Avenue, and framed coal pockets (structures likely used for the storage of coal) were located to the west along the East River. In the northeastern portion of the site, industries included a paint and varnish manufacturing facility. By 1991, the structures mentioned above were no longer present on the site. As a result of these historic operations, on-site soils were contaminated with elevated levels of volatile organic compounds (VOCs), polyaromatic hydrocarbons (PAHs), and metals.

A Site Investigation (SI) was completed in 2000. The SI identified low to moderate contamination in most areas, consistent with urban fill, except in the former paint and varnish manufacturing area. In this area VOCs were found in soil and groundwater due to historical manufacturing processes and possible disposal of paint and varnishes. A Remedial Alternative Report was completed in January 2003, and the Record of Decision (ROD) was signed on December 4, 2003. Based on the SI completed by the City under the Environmental Restoration Program, a ROD was issued by the Department in December 2003. The remedial actions outlined in the ROD included:

- Placement of 2 feet of clean soils in the 5-acre Planned Park Area (PPA) and the 8-acre Remaining Site Area (RSA);
- Excavation and removal of approximately 14,100 cubic yards of contaminated soil in the 0.7-acre Former Paint and Varnish Manufacturing Facility Area;
- Covering the excavated areas with clean soil and/or the future treatment plant digesters which have been proposed as part of the upgrade of the HPWPCP;
- Development of a Soils Management Plan and the imposition of an Environmental Easement to restrict future use of the property.

New York City applied for and was approved for remediation funding from the 1996 Bond Act on September 14, 2004.

3.0 CURRENT STATUS

The NYCDPR completed the remediation of the PPA and constructed the 5-acre Barretto Point Park in the western portion of the site in February 2007. In the latter part of 2008, the New York City Department of Environmental Protection (NYCDEP) commenced the remediation of the RSA which required the completion of the following Tasks: Task 1 - excavation and off-site disposal of approximately 14,100 cubic yard of contaminated soil; Task 2 - backfilling the excavation to grade;

Task 3 - covering the excavation area (measuring approximately 2.5 acres) with 2 feet of clean cover; and Task 4 – covering the remainder of the RSA (measuring approximately 5.5 acres) with 2 feet of clean cover.

By August 2009 the NYCDEP had completed Tasks 1 through 3. Task 4 has been modified and involves covering the remainder of the RSA with either vegetation or a layer of asphalt and/or gravel instead of 2 feet of clean soil. On November 3, 2010 the Department issued an ESD which allows the remaining 5.5 acres to remain as is, since the top one-foot of material in this area meets industrial soil cleanup objectives; the area is completely fenced; and the material already in place precludes exposure to any residual contamination.

4.0 DESCRIPTION OF SIGNIFICANT DIFFERENCE

4.1 New Information

The original remedy called for covering the entire 13-acre site with 2 feet of clean cover. The NYCDEP and the NYCDEP have already covered 7.5 acres of the site with 2 feet of clean cover. Upon re-examination of the soil data from the SI and considering the current and future use of the site, the NYSDEC has determined that a 2-foot soil cover over the remaining 5.5 acres is presently unnecessary for the intended use of the site. The material that currently covers the top one (1) foot of the remaining 5.5 acres (i.e. asphalt, gravel, vegetation, and soil) generally meets the industrial soil SCOs. Also, most of the remaining 5.5 acres will be covered by structures (i.e. the treatment plant digesters) once the proposed upgrade of the HPWPCP is completed in the future. In addition, a well maintained fence and a locked gate restricts public access to the NYCDEP portion of the site.

Other areas that are outside the footprint of the upgraded HPWPCP, but are adjacent to the Barretto Point Park, may be covered with 2 feet of clean soil at a later date. If this occurs, the institutional controls on the upgraded areas can be changed to recreational land use.

4.2 Comparison of Changes with Original Remedy

The original remedy called for the coverage of the entire site with 2 feet of clean cover. The revised remedy still covers the entire site, but a part of the NYCDEP portion of the site is covered with either pavement, a layer of asphalt and/or gravel, or vegetation. These cover materials meet the industrial SCOs, and serve to limit direct exposures to residually contaminated surface soil. In addition, the NYCDEP portion of the site is surrounded by a fence and a locked gate which limits access to the site by unauthorized individuals. In the future the NYCDEP portion of the site will almost entirely be covered by structures associated with the proposed upgrade of the HPWPCP.

All other aspects of the revised remedy remain the same as the original remedy including the institutional and engineering controls. These controls would be described in a Site Management Plan. Controls would include requirements for properly handling any contaminated soils which may be excavated during expected future construction activity.

The cost of the original selected remedy was \$11,315,241. The cost of implementing this remedy is estimated to be \$10,565,477.

5.0 SCHEDULE AND MORE INFORMATION

All essential remedial work associated with this project has been completed.

If you have questions or need additional information you may contact any of the following:

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