

**CITIZEN PARTICIPATION PLAN  
FOR  
SITE INVESTIGATION/REMEDIAL  
ALTERNATIVES REPORT  
FOR THE  
DAVIDS ISLAND ENVIRONMENTAL  
RESTORATION PROJECT  
New Rochelle, New York  
Site No. E360077**

MARCH 2007  
REVISION 1

Prepared For:



**The City of New Rochelle  
Westchester County, New York**

Prepared By:



**TETRA TECH EC, INC.**

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## **PREFACE**

### **ENVIRONMENTAL RESTORATION PROJECT**

This Citizen Participation (CP) Plan has been developed for the Davids Island Environmental Restoration Project, funded under New York State's Environmental Restoration Projects Program.

Davids Island is categorized by New York State as a Brownfields site. Brownfields are abandoned, idled, or under-used properties where expansion or redevelopment is complicated by real or perceived environmental contamination. They typically are former industrial or commercial properties, or in this case a former military facility, where operations may have resulted in environmental contamination. They often pose not only environmental, but legal and financial burdens on communities. Left vacant, contaminated sites can diminish the property value of surrounding sites and potentially threaten the economic viability of adjoining properties.

### **RESOURCES AVAILABLE FOR COMMUNITY REDEVELOPMENT**

In an effort to spur the cleanup and redevelopment of Brownfields, New Yorkers approved, a \$200 million Environmental Restoration Fund as part of the \$1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Under the Program, the State of New York provides grants to municipalities to reimburse up to 90 percent of eligible costs for site investigation and remediation activities. Only New York State municipalities are eligible. The term "municipality" includes counties, cities, towns and villages as well as local public authorities, public benefit corporations, school and supervisory districts and improvement districts. The term also includes a municipality acting in partnership with a community-based organization.

Once remediated, the Brownfields property may then be reused for commercial, industrial, residential or public use. In addition, the municipality and all successors in title, lessees, and lenders are released from remedial liability for hazardous substances that were on the property prior to the grant. The State indemnifies these same persons in the amount of any settlements/judgments obtained regarding an action relating to hazardous substances that were on the property prior to the grant.

## **1.0 INTRODUCTION**

### **1.1 Introduction**

The City of New Rochelle and the New York State Department of Environmental Conservation (NYSDEC), in cooperation with the New York State Department of Health (NYSDOH), are committed to informing and involving the public during the process to develop the Site Investigation (SI) and Remedial Alternatives Report (RAR) for the Davids Island Environmental Restoration Project. The island is the location of a former military facility, and is located 0.6 mile off the shoreline of the City of New Rochelle, Westchester County, New York. This CP Plan, prepared, by Tetra Tech EC, Inc. (TtEC), for the City of New Rochelle, details the CP Program designed for this Project

The SI is a detailed study to evaluate how much contamination is present at a site, how far it extends, and the potential threats posed to public health and the environment from exposure to the contamination. Using information developed during the SI, the RAR evaluates possible ways to clean up the site. NYSDEC describes its preferred remedy in a Proposed Remedial Action Plan (PRAP). After public comment, the selection of a remedy is finalized in a Record of Decision (ROD).

The Citizen Participation Program seeks to assure an open process for the interested and possibly affected public. This includes public officials at all levels, citizen interest groups, commercial interests, individuals in the area of the site, and the media. These parties can be a part of the decision-making process for this site, and need to be informed about on-site activities. It also identifies locations where these parties can obtain additional information about the remedial program for this site. Specific opportunities for public and community input into the decision-making process are indicated.

The CP Plan is a working document. It can be enhanced to accommodate major changes in either public attitude, or in the nature and scope of technical activities at the site. The activities listed in the following sections are not intended to be an all-inclusive list, but an outline of possible activities which may be conducted in coordination with the site investigation and remedial process.

This CP Plan:

- Describes the site history;  
Indicates possible types of contamination;  
Describes past studies and previous remedial measures that may have occurred at the site;  
Describes the proposed Site Investigation/Remedial Alternatives Report (SI/RAR) activities;  
Lists contacts representing the affected and interested public agencies associated with this project;
- Identifies local repositories for information and reports generated during the course of completing the investigation activities; and  
Describes planned citizen participation activities.

## **1.2 Objectives of the Citizen Participation Program**

This CP Plan describes the program that the City of New Rochelle will use to: (1) keep the community informed of progress in the environmental investigation and cleanup at the Davids Island site, and (2) provides a mechanism for two-way communication between the City of New Rochelle and the public.

A key function of the CP Program is to provide avenues for public participation in the decision-making process. At key points during the site remedial process, as described in Section 6, the public will be given the opportunity to voice opinions or concerns about the proposed remedial (cleanup) alternatives. The community's viewpoints will be taken into consideration before final decisions about remedial activities are made.

## **1.3 Regulatory Requirements for the Citizens Participation Program**

The Citizen Participation Program has been designed to meet the applicable requirements of the *Procedures Handbook for Municipal Assistance for Environmental Restoration Projects*, 1996 Clean Water/Clean Air Bond Act, Environmental Restoration Projects-Title 5, NYSDEC, July 2004 and the *Draft Brownfield Cleanup Program Guide*, Division of Environmental Restoration, NYSDEC, May 2004.

## **1.4 Organization of the Citizen Participation Plan**

The CP Plan contains the following sections:

- Section 1.0 - an overview of the CP Plan, the objectives of the CP Program, and the regulatory requirements guiding the program.
- Section 2.0 - a brief description of the site's location.
- Section 3.0 – a summary of the site history, the site conditions, and the site characterization activities that have been conducted at the site to date.

Section 4.0 – a summary of the planned SI/RAR activities and the schedule of the upcoming technical activities at the site.

- Section 5.0 - a community profile and a history of the community's involvement in site activities.
- Section 6.0 - the community relations activities and the available resources for community involvement.

Appendix A includes a glossary of terms and acronyms/abbreviations used in this CPP as well as those common to environmental investigation and remediation.

Appendix B includes the figures referenced in this CPP.

Appendix C includes the Project Mailing List for dissemination of information and Fact Sheets, related to the SI/RAR at Davids Island.

## **2.0 SITE LOCATION**

Davids Island is located in Long Island Sound, approximately 0.6 mile east off the mainland, adjacent the southern portion of the City of New Rochelle, Westchester County, New York (Appendix B, see Figure 1). The island is due east of the Glen Island County Park.

### **3.0 SITE HISTORY**

The site is the former location of a military base known as Fort Slocum. The military abandoned the island in the 1960s and the island has remained vacant since. Abandoned buildings and infrastructure still exist but are severely deteriorated due to vandalism, neglect, and arson. In addition, dense vegetation covers much of the island including the former Parade Grounds and roadways. All 90+ buildings, pending cultural resource review, are slated for removal. Fifteen were removed two years ago, 30 last year and the rest over the next couple of years by United States Army Corps of Engineers (USACE), pending funding. A site layout map showing the former layout of the Island is included as Figure 2 (Appendix B). A more detailed description of the history of the site is provided in the Site Investigation Work Plan.

A summary of previous site characterization activities and findings are presented below.

#### **August 2002 AKRF Asbestos Inspection**

This inspection was performed for the Westchester County Department of Planning. The scope of the Asbestos Inspection included:

- Inspection of the buildings to identify suspect Asbestos Containing Materials (ACMs);
- Collection of representative samples of suspect ACM; and
- Analysis of suspect ACM samples at a New York state approved laboratory.

Materials in the buildings were found to contain ACM. As a result of the sampling conducted, AKRF recommended the removal of all identified ACM in the buildings by a qualified, licensed asbestos abatement contractor prior to building reconstruction, renovation, or demolition. Asbestos removal has been conducted in conjunction with the building demolition activities.

#### **September 2002 AKRF Phase II Investigation**

This investigation was performed for the Westchester County Department of Planning. The purpose of the Phase II Investigation was to investigate potential contamination resulting from transformers, chemical and waste handling activities, petroleum storage, and pesticide use on the island identified during previous investigations.

Between May and June 2002, a total of 80 soil samples were collected across the island in order to characterize possible surface soil contamination. Additional samples were collected in July 2002 to investigate additional areas of concern as well as to delineate polychlorinated biphenyl (PCB) and lead contamination detected during the first round of sampling. Sampling depths were generally between surface and 2 feet below ground surface (bgs).

Polycyclic aromatic hydrocarbons (PAHs) were detected at concentrations exceeding NYSDEC recommended soil cleanup objectives (RSCOs) in several areas of suspected chemical/waste handling including areas with underground storage tanks (USTs). These locations included Building 15, Building 16, Building 37, Building 40, and Building 56. As elevated levels of PAHs were also detected in random samples collected as background samples, it was concluded that PAHs are present in surface soil across the island as a result of emissions from the coal-fired boilers and/or building fires during the years of abandonment and not the result of leaks or spills.

PCB contamination was identified in several areas apparently as a result of improper dumping of electrical transformers. Areas recommended for remediation include an area on the western side of Building 20, a concrete transformer pad near Building 32, and on the southern side of Building 11. Another area recommended for remediation was located on the western side of Building 32. It was noted that this contamination may be due to suspected chemical/waste handling in this building.



Metals contamination was also detected in several areas and it was recommended that soil in the area of the Former Incinerator (Building 115) and Building 119 be remediated to remove lead contamination. It was noted that removal of lead-contaminated soil in this area would also address elevated levels of arsenic, cadmium, chromium, and/or copper.

An additional area recommended for remediation was the interior of Building 113. The entire floor of this building (approximately 150 ft<sup>2</sup>) was covered with approximately four inches of lead and chromium contaminated soil. It was estimated that two cubic yards of soil would require remediation.

Suspected UST locations were investigated using a variety of techniques. Soil gas samples were collected at depths ranging from 3 to 7 feet bgs. An electromagnetic (EM) survey was conducted in the area of Building 40 and south of the Coal Yard near the former dock. A magnetic locator survey was used to investigate USTs in the area of the abandoned gas pump at Building 40 and a suspected fill port outside Building 135. The magnetic locator survey identified three suspected tanks with estimated capacities in excess of 1,000 gallons on the western side of Building 40. This finding coincided with an anomaly identified by the EM survey. Two suspected tanks were also identified at Building 135. One of the tanks was on the southern side with an approximate capacity of 1,000 gallons. The other was on the eastern side with an estimated capacity of 500 gallons.

Currently, the information obtained and documented in the September 2002 AKRF Phase II Investigation has been incorporated by TtEC in the current scope of field activities and described in the SI Work Plan.

#### **November 2004 Site Assessment**

In November 2004, TtEC, under contract to the US Army Corps of Engineers, conducted a Site Assessment of Davids Island. The purpose of the Site Assessment was to confirm the findings of previous investigations and to collect necessary information in order to prepare work plan documents for subsequent site activities. Information gathered included building dimensions, construction details, structural stability, asbestos observations, and historical significance. Although building demolition has occurred at the Site, many buildings still remain.

An Archive Search Report was reviewed by a senior representative of TtEC's unexploded ordnance (UXO) department to assess the presence and risks of encountering munitions and explosives of concern (MEC) during the site work. The conclusion was that the risk of encountering MECs is very low for site demolition activities. However, as the SI requires invasive tasks, such as drilling or excavation/trenching in outlying areas of the Site, potential landfill area and old magazine areas, the UXO department staff will be involved prior to conducting and during such activities. A geophysical survey and search for UXOs will be conducted in areas where SI activities will be conducted.

## **4.0 PLANNED SITE INVESTIGATION**

### **4.1 Scope of the Site Investigation**

A Site Investigation Work Plan has been prepared which includes the following major tasks:

1. Review of the history of the site, site conditions and prior site characterizations.
2. Preparation and maintenance of the site's Conceptual Site Model (CSM)
3. Planned field activities to consist of:
  - Mobilization and Set-up of Support Area
  - Clearing and Grubbing
  - Utility Clearance
  - Site Reconnaissance and Marking of Sample Locations

- Visual Delineation of Ash and Coal
  - Surface Soil Sampling
  - Subsurface Soil Sampling
  - Groundwater Grab Sampling (if necessary)
  - Test Pitting
  - Surveying of Sample Points
  - IDW Characterization and Disposal
  - Demobilization
- 4 Preparation of a SI/RAR report of:
- Findings and recommendations
  - Potential remedial alternatives
  - Standards, criteria and guidelines
  - Exposure assessment

The SI Work Plan provides additional details about the investigation. Copies can be reviewed at the repositories listed in Section 6 of this CP Plan.

## **4.2 Project Schedule**

The above activities are expected to begin at the site early in the first quarter of 2007. The initial field activities will take approximately three months to complete. The remaining sampling activities will take place based on the results of the initial data gathered. Laboratory results should be available about one month after the end of sampling activities. A draft SI/RAR report should be submitted to the City of New Rochelle, the NYSDEC and the NYSDOH about two months following receipt of all data.

## **5.0 COMMUNITY PROFILE**

### **5.1 Profile**

New Rochelle is the second largest city in Westchester County, New York and the seventh largest city in New York State. It is one of the largest suburbs of New York City. The city was named after the city of La Rochelle in France. In the seventeenth century, French Protestants known as Huguenots left France following the revocation of the Edict of Nantes by Louis XIV. No longer protected from religious persecution, Huguenots arrived in the area which they named after the port from which they had departed France. The last recorded entries on town records in French date to 1738.

As of 2000, the population of New Rochelle was approximately 72,180 people. The population was categorized as 68% White, 19% African American, .20% Native American, 3% Asian, and almost 10% other races. At least 20% of the population of the City of New Rochelle identifies culturally as Hispanic or Latino. The median income for families in New Rochelle was \$ 72,723 in 2000. About 11 % of the population was below the poverty line. New Rochelle's schools are known for the diversity of their student body. The city's downtown area has experienced some degree of revitalization with the opening of the New Roc City entertainment complex that replaced a former department store and a mall.

### **5.2 History of Community Involvement**

Since 2004, community outreach activities that have taken place about Davids Island relate to informing the public about activities performed by TtEC under the US Army Corps of Engineers contract focused on demolition of the structures on the Island.



Outreach activities have included:

- USACE Fact Sheet published March 2005
- Environmental Assessment completed in March 2005 resulted in a Finding of No Significant Impact for the planned demolition work.
- Ground breaking ceremony on Davids Island hosted by Congresswoman Nita Lowey to mark the commencement of the USACE cleanup activities on the island.  
Newspaper articles discussing the USACE project to demolish buildings on Davids Island appeared in *The Journal News* March 18, 2005; March 23, 2005; March 29, 2005 (2 articles); August 12, 2005. *The New York Times* (August 12, 2005). *Larchmont Gazette* (August 11, 2005).
- USACE New Release (March 7, 2005)
- Public Information Meeting hosted by USACE on March 22, 2005, 7 p.m. to 9 p.m. in the Council Chambers of City Hall, New Rochelle, NY to discuss the findings of the draft Environmental Assessment and to discuss plans for the project to demolish and remove buildings on Davids Island.
- USACE-sponsored Historic Preservation Interested Parties Meetings to develop and implement Project's Memorandum of Agreement (MOA) that summarized actions to be taken by the USACE to mitigate adverse effects to Fort Slocum Historic and Archeological District (April 27, 2005; May 17, 2005; November 30, 2006).
- USACE hosted a tour of Davids Island for Interested Parties (April 28, 2005).
- Interested Parties have been working with the USACE by providing input to historic preservation decisions about the structures and other cultural features on the island based on their review of a series of cultural resources reports that document the structures on the island, recommend potential preservation alternatives for selected structures, describe elements on numerous structures that have the potential to be salvaged if the respective building is demolished, and report the results of archeological investigations that were performed to assess the potential effects of the demolition project on archeological resources that are eligible for listing in the National Register of Historic Places.

Future community outreach will disseminate information about the City of New Rochelle-sponsored SI activities and their results.

## **6.0 CITIZEN PARTICIPATION ACTIVITIES**

It is the expressed intent of the City of New Rochelle and the NYSDEC to provide information to the public in a timely, complete, and accurate manner. Towards this end, the City of New Rochelle has compiled a list of individuals to whom the public can address specific requests for information. These contacts are both local and state public officials and are knowledgeable of the proposed investigative activities. This list of contacts is provided in Section 6.1 (Table 1), below.

A local repository has been established at The New Rochelle Public Library, 1 Library Plaza, New Rochelle, New York 10801. Additional repositories have been established at the City of New Rochelle City Hall and the NYSDEC regional office. Repositories of information are identified in Section 6.2 below. A copy of the documents relevant to the SI/RAR, including the SI/RAR Work Plan, will be placed in the repositories to allow interested citizens and groups an opportunity to review these documents.

A Fact Sheet detailing the availability of the SI/RAR Work Plan will be sent out to the residents and other interested parties on the City of New Rochelle's Project Mailing List. The mailing list is presented in the attached Appendix C. This mailing list will include the names and addresses of the Mayor of the City of New Rochelle, NYSDEC Citizen Participation Specialist, NYSDEC Project Manager, and NYSDOH contacts. Parties who express interest in being placed on or being removed from the mailing list will be added or removed as requested.

A Fact Sheet will be issued to announce the 45 day comment period for the Proposed Remedial Action Plan (PRAP) and to announce the public meeting that will be held to present and discuss the proposed remedy.

Additional activities, such as a public informational meeting and/or a Fact Sheet after the SI is completed, will be performed as the project progresses.

Once the SI/RAR Report has been accepted, the NYSDEC will issue the PRAP for the site. This plan will use the information contained in the SI/RAR and evaluate several alternatives to address the contamination at the site. This plan will then propose a course of remedial action for the site.

A public meeting will then be held to present the SI/RAR and the PRAP to the public. This presentation will be followed by a formal question and answer period. The PRAP will also have a 45-day comment period, during which written comments and questions can be submitted to the NYSDEC.

After the comment period, the ROD will be issued by the NYSDEC identifying the remedy selected for the site, and the basis for this selection. As part of the ROD, a responsiveness summary will be prepared. This responsiveness summary will include all comments received on the PRAP and the NYSDEC/NYSDOH responses to the questions and comments. When the ROD has been issued, a Fact Sheet will be sent to those on the mailing list. The Fact Sheet will briefly describe the selected remedy and advise that the ROD has been placed in the document repositories for public review and comment.

The ROD and the PRAP, and all NYSDEC-approved reports, plans, and fact sheets on this project will be placed in the document repositories for public review. These documents may be distributed more widely, such as to interested local groups, if warranted.

## **6.1 Public Agency Contacts**

The City of New Rochelle has identified individuals who may be contacted if additional information is requested about the proposed remedial investigation activities. These individuals are identified in the following table.

**Table 1**  
**Public Agency Contacts**

<b>The City of New Rochelle</b>		
Dorothy Allen City Clerk	City of New Rochelle City Hall 515 North Avenue New Rochelle, NY 10801	Phone Number (914) 654-2000
Jeffery Coleman, P.E. Commissioner	City of New Rochelle Department of Public Works City Hall 515 North Avenue New Rochelle, NY 10801	Phone Number (914) 654-2131
Kaz A. Orszulik Senior Engineer	City of New Rochelle Department of Public Works City Hall 515 North Avenue New Rochelle, NY 10801	Phone Number (914) 654-2128
<b>NYS Department of Environmental Conservation</b>		
NYSDEC Project Manager Mr. Matthew Hubicki (Technical Assistance)	625 Broadway A 10 <sup>th</sup> Fl. Albany, NY 12233-7014	Phone Number (518) 402-9564
NYSDEC Public Affairs Mr. Michael Knipfing (Citizen Participation)	21 South Putt Corners Road New Paltz, NY 12561	Phone Number (845) 256-3154
<b>New York State Department of Health</b>		
NYSDOH Project Manager Ms. Kristin Kulow (Technical Assistance)	NYSDOH Project Manager's Oneonta District Office 28 Hill Street, Suite 201 Oneonta, NY 13820	Phone Number (607) 432-3911
<b>Westchester, County Department of Planning</b>		
Gina Dagrosa, AICP Director, Water Agency Watermaster	Department of Planning Michaelian Office Building White Plains, NY 10601	Phone Number (914) 995-4425

## 6.2 Document Repositories

The public is encouraged to review the documents related to the site, which are available for public review at the following locations:

NYSDEC Region 3 Office 21 South Putt Corners Road New Paltz, NY 12561 (845) 256-3154	The New Rochelle Public Library 1 Library Plaza New Rochelle, NY 10801 Attn: Barbara Davis Phone: (914) 632-7878 Hours: M-T 9 - 8, W 10-6, Th 9-8, F-Sa 9-5, Su 1-5	Department of Public Works City Hall 515 North Avenue New Rochelle, NY 10801 Attn: Jeffery Coleman P.E. Hours: M-F, 9-5
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## 6.3 News Media Distribution

Public Notices regarding the Davids Island site will be published in the *Journal News, Westchester Edition*. In addition, all Fact Sheets generated during this remediation process will be sent to the media outlets listed in Appendix C.

## 6.4 Project Mailing List

The Project Mailing List provided in Appendix C includes federal and state representatives and agencies, local representatives, and interested parties (any additional interested parties may request a copy for their own reference). The mailing list from the previous public meeting on Davids Island held in New Rochelle is being kept on file and residents on that list will also be receiving the mailings. The City of New Rochelle will produce and distribute Fact Sheets providing residents with timely information on project status, including notifications of upcoming activities on-site (e.g., fieldwork) or off-site (e.g., public availability sessions). Included in all Fact Sheets will be the list of individuals to be contacted by the public for additional information (see Table 1, above). Fact sheets will be mailed to the elected officials/representatives, environmental groups, and media listed in Appendix C.

**APPENDIX A**  
**GLOSSARY**

## APPENDIX A

# Glossary and Acronyms

### GLOSSARY

This glossary defines terms associated with New York's Citizen Participation Program, and important elements of the Brownfield program. Words in **bold** in the definitions are defined elsewhere in the glossary.

<b>Asbestos</b>	A mineral fiber that was commonly used in a variety of building materials for insulation and as a fire retardant. Asbestos fibers may cause serious health problems when they become airborne and are inhaled.
<b>Availability Session</b>	A scheduled gathering of program staff and members of the public in a casual setting, without a formal presentation or agenda but usually focusing on a specific aspect of a site's remedial process.
<b>Citizen Participation</b>	A program of planning and activities to encourage communication among people affected by or interested in Brownfield sites and the government agencies responsible for investigating and remediating them.
<b>Citizen Participation Plan</b>	A document which must be developed at a site's <b>Site Investigation</b> stage. A CPP describes the citizen participation activities that will be conducted during a site's remedial process.
<b>Citizen Participation Specialist</b>	A staff member from an <b>NYSDEC</b> central office or regional office who has specialized training and experience to assist a <b>project manager</b> and other staff to plan, conduct and evaluate a site-specific citizen participation program.
<b>Conceptual Site Model (CSM)</b>	The Conceptual Site Model (CSM) presents the current understanding of the known and potential sources of contamination, migration pathways of these contaminants, and potential human and ecological receptors associated with Davids Island under current and the reasonably anticipated future land uses.
<b>Comment Period</b>	A time period for the public to review and comment about various documents and <b>DER</b> actions. For example, a 45-day comment period is provided when <b>DER</b> issues a <b>Proposed Remedial Action Plan (PRAP)</b> .
<b>Contact List</b>	Names, addresses and/or telephone numbers of individuals, groups, organizations, government officials and media affected by or interested in a particular Brownfield site. The size of a contact list and the categories included are influenced by population density, degree of interest in a site, the stage of the remedial process and other factors. It is an important tool needed to conduct outreach activities.



<b>Division of Environmental Remediation</b>	A major program unit within the <b>NYSDEC</b> created to manage the hazardous waste site remedial program, the Brownfield program, and the Voluntary Cleanup program. Staff include: engineers, geologists, chemists, attorneys, citizen participation specialists, environmental program specialists and support staff.
<b>Document Repository</b>	A file of documents pertaining to a site's remedial and citizen participation programs which is made available for public review. The file generally is maintained in a public building near the Brownfield site to provide access at times and a location convenient to the public.
<b>Fact Sheet</b>	A written discussion about part or all of a site's remedial process, prepared and provided by <b>DER</b> to the public. A fact sheet may focus on: a particular element of the site's remedial program; opportunities for public involvement; availability of a report or other information, or announcement of a <b>public meeting or comment period</b> . A fact sheet may be mailed to all or part of a site's <b>contact list</b> , distributed at meetings, placed in a <b>document repository</b> and/or sent on an "as requested" basis.
<b>Groundwater</b>	The supply of fresh water found beneath the Earth's surface (usually in aquifers) which often supplies wells and springs.
<b>Hazardous Waste</b>	Wastes exhibiting any of the following characteristics: ignitability, corrosivity, reactivity, or toxicity. The <b>USEPA</b> and the State of New York also have listed as hazardous other wastes that do not necessarily exhibit these characteristics. Although the legal definition of hazardous waste is complex, the term generally refers to wastes that the <b>USEPA</b> or the State have identified as posing a threat to human health or the environment if managed improperly. Federal and state regulations set strict controls on the management of hazardous wastes.
<b>Document Repository</b>	A file containing current information, technical reports, and reference documents regarding a site. The information repository is usually located in a public building that is convenient for local residents, such as a library, public school, or city hall. In order to provide better public access, there is often more than one information repository.
<b>Interim Remedial Measure (IRM)</b>	A discrete action which can be conducted at a site relatively quickly to reduce the risk to people's health and the environment from a well-defined contamination problem. An IRM can involve removing contaminated soil and drums, providing alternative water supplies or securing a site to prevent access.
<b>New York State Department of Environmental Conservation (NYSDEC)</b>	Agency within the executive branch of New York State government with responsibility to conserve, improve, and protect New York State's natural resources and environment to enhance the health, safety, and welfare of the people of the State.
<b>New York State Department of Health (NYSDOH)</b>	Agency within the executive branch of New York State government which: performs health-related inspections at suspected contaminated sites; conducts health assessments to determine potential risk from environmental exposure; reviews

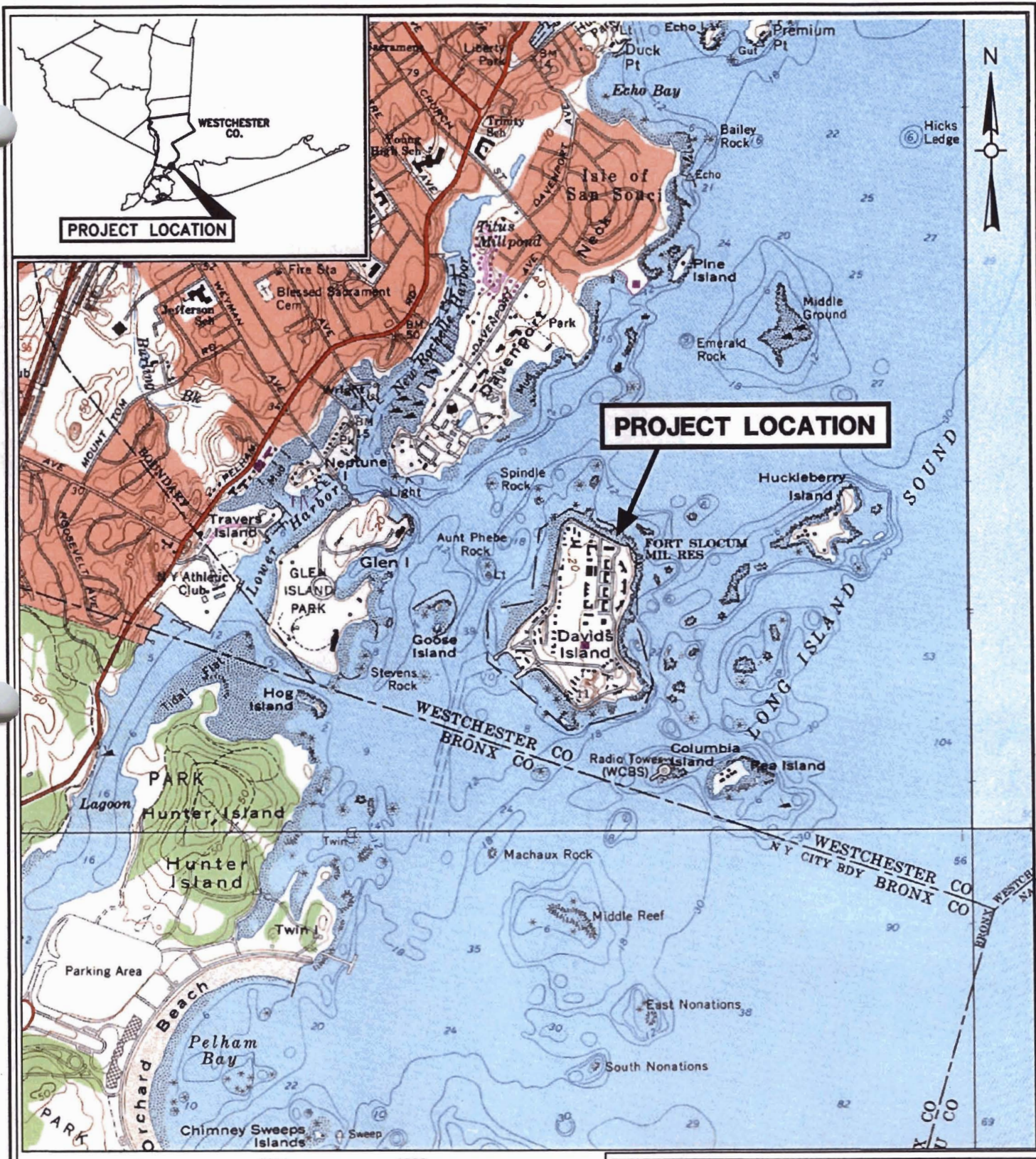
	<b>Exposure (Risk) Assessments</b> prepared during the <b>Site Investigation/Remedial Alternatives Report</b> ; conducts health-related community outreach around sites; and reviews remedial actions to assure that public health concerns are adequately addressed.
<b>Operable Unit</b>	A discrete part of an entire site that produces a release, threat of release, or pathway of exposure. An Operable Unit can receive specific investigation, and a particular remedy may be proposed. A <b>Record of Decision</b> is prepared for each Operable Unit.
<b>Operation and Maintenance</b>	A period in which remedial action may be conducted following construction at a site (for example, operation of a "pump and treat" system), or which is performed after a remedial action to assure its continued effectiveness and protection of people's health and the environment. Activities can include site inspections, well monitoring and other sampling.
<b>Polycyclic Aromatic Hydrocarbons (PAHs)</b>	A group of chemical compounds that are often formed by incomplete combustion of carbon-containing fuels such as wood, coal, diesel, fat, or tobacco. Tar also contains PAHs. Some are known or suspected carcinogens (any substance or agent that promotes cancer).
<b>Parts Per Billion (ppb)</b>	Units commonly used to express lowest concentrations of contaminants. For example, one ounce of chemical in one billion ounces of soil is 1 ppb. If one drop of a chemical is mixed in a competition-sized swimming pool, the water will contain about 1 ppb of the chemical.
<b>Parts Per Million (ppm)</b>	Units commonly used to express low concentrations of contaminants. For example, one ounce of chemical in one million ounces of soil is 1 ppm.
<b>Polychlorinated Biphenyls (PCBs)</b>	A group of toxic, persistent chemicals used in transformers and capacitors for insulating purposes and used in other applications as cooling fluids and lubricants. Further sale of PCBs was banned by law in 1979.
<b>Project Manager</b>	An <b>NYSDEC</b> staff member within the <b>Division of Environmental Remediation</b> (usually an engineer, geologist or hydro geologist) responsible for the day-to-day administration of remedial activities at, and ultimate disposition of, an Environmental Restoration site. The Project Manager works with legal, health, <b>citizen participation</b> and other staff to accomplish site-related goals and objectives.
<b>Proposed Remedial Action Plan (PRAP)</b>	An analysis by <b>DER</b> of each alternative considered for the remediation of an Environmental Restoration site and a rationale for selection of the alternative it recommends. The PRAP is created based on information developed during the <b>Site Investigation/Remedial Alternatives Report</b> . The PRAP is reviewed by the public and other state agencies.
<b>Public Meeting</b>	A scheduled gathering of <b>Division of Environmental Remediation</b> staff with the affected/interested public to give and

	receive information, ask questions and discuss concerns about a site's remedial program. Staff from other NYSDEC divisions, legal and health staff, and staff from consultants and a responsible party often also attend. A public meeting, unlike an <b>availability session</b> , generally features a formal presentation and a detailed agenda.
<b>Record of Decision (ROD)</b>	A document which provides definitive record of the cleanup alternative that will be used to remediate an Environmental Restoration site. The ROD is based on information and analyses developed during the <b>Site Investigation/Remedial Alternatives Report</b> and public comment
<b>Remedial Construction</b>	The physical development, assembly and implementation of the remedial alternative selected to remediate a site. Construction follows the <b>Remedial Design</b> stage of a site's remedial program.
<b>Remedial Design</b>	The process following finalization of a <b>Record of Decision</b> in which plans and specifications are developed for the <b>Remedial Construction</b> of the alternative selected to remediate a site.
<b>Site Investigation/ Remedial Alternatives Report (SI/RAR)</b>	The SI fully defines and characterizes the type and extent of contamination at the site. The RAR, which may be conducted during or after the SI, uses information developed during the SI to develop alternative remedial actions to eliminate or reduce the threat of contamination to public health and the environment.
<b>Responsiveness Summary</b>	A written summary of major oral and written comments received by <b>Responsiveness DER</b> during a <b>comment period</b> about key elements of a site's remedial program, such as a <b>Proposed Remedial Action Plan</b> , and DER's response to those comments.
<b>Exposure (Risk) Assessment</b>	An evaluation performed as part of an investigation to assess conditions at a site and to determine the risk posed to public health and the environment.
<b>United States Army Corps of Engineers (USACE)</b>	United States Army Corps of Engineers is made up of some 34,600 civilian and 650 military men and women. The Corps' mission is to provide engineering services to the United States.
<b>United States Environmental Protection Agency (USEPA)</b>	United States Government agency responsible for administering environmental protection legislation.
<b>Unexploded Ordinance (UXO)</b>	Unexploded ordinances are explosive weapons (bombs, shells, grenades, land mines, navel mines, etc.) that did not explode when they were employed, and still pose a risk of detonation many decades after they were used or discarded.

## **APPENDIX B**

### **FIGURES**





City of New Rochelle

Davids Island  
New Rochelle, NY

Figure 1  
Location Map







TETRA TECH EC, INC.

Source:  
USGS 7.5 Minute Series Topographic Maps: Mount Vernon, NY, 1966, photorevised 1979, Sea Cliff, NY, 1968, photorevised 1979, Mamaroneck, NY-CT, 1967, photoinspeted 1975, and Flushing, NY, 1966, photorevised 1979

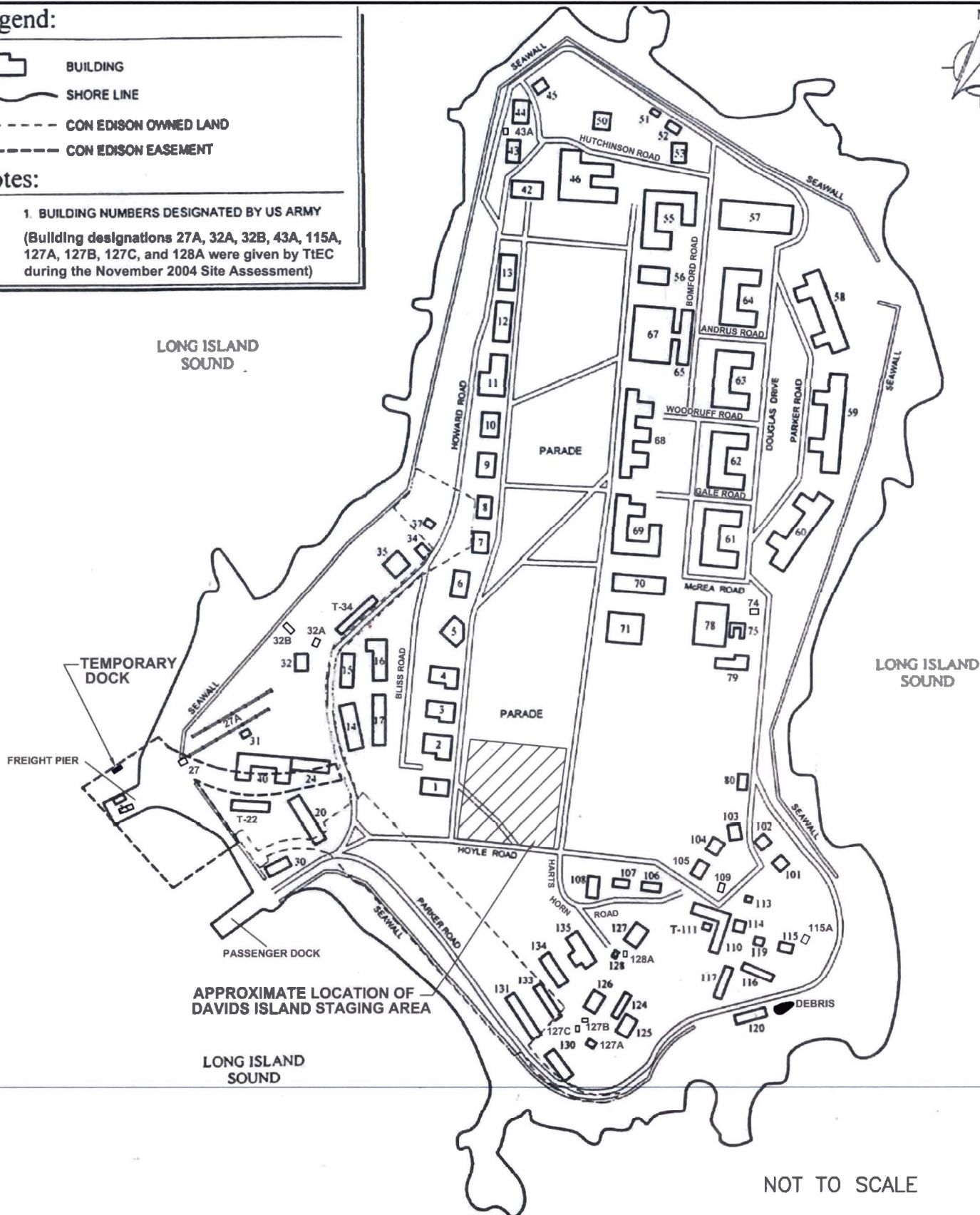


## Legend:

-  BUILDING
-  SHORE LINE
-  CON EDISON OWNED LAND
-  CON EDISON EASEMENT

## Notes:

1. BUILDING NUMBERS DESIGNATED BY US ARMY  
(Building designations 27A, 32A, 32B, 43A, 115A, 127A, 127B, 127C, and 128A were given by TTEC during the November 2004 Site Assessment)



City of New Rochelle

Davids Island  
New Rochelle, NY

Figure 2  
Davids Island Site Layout



**TETRA TECH EC, INC.**

Source: AKRF Report, Figure 2  
"Configuration of Fort Slocum" 06/05/02



**APPENDIX C**  
**PROJECT MAILING LIST**

## Appendix C Project Mailing List

### Federal, State, and Local Representatives/Officials

The Honorable Hillary Rodham Clinton United States Senate P.O. Box 617 Hartsdale, NY 10530	The Honorable Charles Schumer United States Senate 757 Third Avenue Suite 17-02 New York, NY 10017
The Honorable Nita M. Lowey United States House of Representatives 222 Mamaroneck Avenue Suite 310 White Plains, NY 10605	Honorable George Latimer New York State Assembly 933 Mamaroneck Ave., Suite 102 Mamaroneck, NY 10543
Honorable Amy Paulin New York State Assembly 700 White Plains Rd. Suite 252 Scarsdale, NY 10583	Honorable Suzi Oppenheimer New York State Senate 222 Grace Church Street, 3rd Floor Port Chester, New York 10573
Honorable Noam Bramson Mayor, City of New Rochelle City Hall 515 North Avenue New Rochelle, NY 10801	Charles Strome III City Manager City of New Rochelle City Hall 515 North Avenue New Rochelle, NY 10801
Jeffrey Coleman, P.E. City of New Rochelle Deputy Commissioner Department of Public Works City Hall 515 North Avenue New Rochelle, New York 10801	Barbara Davis Acting Historian City of New Rochelle One Library Plaza New Rochelle, New York 10801
Mel Beecher City of New Rochelle Historical and Landmarks Review Board City Hall 515 North Avenue New Rochelle, New York 10801	Gina D'Agrosa Director Westchester County Department of Planning 432 Michaelian Office Building 148 Martine Avenue White Plains, New York 10601
Jeffrey Williams Associate Planner Westchester County Department of Planning 432 Michaelian Office Building 148 Martine Avenue White Plains, New York 10601	Katherine M. Hite Executive Director Westchester County Historical Society 2199 Saw Mill River Road Elmsford, New York 10523

Andrew J. Spano Westchester County Executive 148 Martine Avenue White Plains, New York 10601	Timothy C. Idoni Westchester County Clerk 110 Dr. Martin Luther King Jr. Boulevard White Plains, NY 10601
Judith A. Myers Westchester County Legislator, District 7 800 Michaelian Office Building 148 Martine Avenue White Plains, NY 10601	Vito J. Pinto Westchester County Legislator, District 10 800 Michaelian Office Building 148 Martine Avenue White Plains, NY 10601
James Maisano Westchester County Legislator, District 11 800 Michaelian Office Building 148 Martine Avenue White Plains, NY 10601	Salvatore Carrera Westchester County Economic Development Director 800 Michaelian Office Building 148 Martine Avenue White Plains, NY 10601
Karen M. Pasquale Westchester County State Relations Director 800 Michaelian Office Building 148 Martine Avenue White Plains, NY 10601	Jerry Mulligan Westchester County Planning Commissioner 800 Michaelian Office Building 148 Martine Avenue White Plains, NY 10601
Ralph Butler Westchester County Public Works Commissioner 800 Michaelian Office Building 148 Martine Avenue White Plains, NY 10601	Joshua Lipsman Westchester County Health Commissioner 800 Michaelian Office Building 148 Martine Avenue White Plains, NY 10601
Michael E. Boyle Jr. Rochelle City Council Member, District #1 515 North Avenue New Rochelle, NY 10801	Christina Selin Rochelle City Council Member, District #2 515 North Avenue New Rochelle, NY 10801
James Count Stowe Rochelle City Council Member, District #3 515 North Avenue New Rochelle, NY 10801	Roberto Lopez Rochelle City Council Member, District #4 515 North Avenue New Rochelle, NY 10801
Barry R. Fertel Rochelle City Council Member, District #5 515 North Avenue New Rochelle, NY 10801	Marianne L. Sussman Rochelle City Council Member, District #6 515 North Avenue New Rochelle, NY 10801
Dorothy Allen Rochelle City Clerk 515 North Avenue New Rochelle, NY 10801	Craig King Commissioner of Development 515 North Avenue New Rochelle, NY 10801

## Federal Agencies

Mike Davis Associate Director Office of Economic Adjustment Office of the Secretary of Defense 400 Army Navy Drive Suite 200 Arlington, Virginia 22202-2884	Mark Tedesco, Director USEPA-Long Island Sound Study Office Stamford Government Center 888 Washington Boulevard, Suite 6-5 Stamford, CT 06904-2152
Grace Musumeci, Chief USEPA, Region 2 Environmental Review Section (Attn: Lingard Knutson) 290 Broadway New York, New York 1007-1866	Diane Rusanowsky NOAA-National Marine Fisheries Service Northeast Fisheries Science Center Milford Laboratory 212 Rogers Ave Milford, CT 06460
Mary A. Colligan Assistant Regional Administrator for Protected Resources NOAA-National Marine Fisheries Service Northeast Region One Blackburn Drive Gloucester, MA 01930-2298	David Stilwell Field Supervisor U.S. Fish and Wildlife Service New York Field Office (Region 5) (Attn: Alex Chmielewski) 3817 Luker Road Cortland, New York 13045
Commander (WOB) Coast Guard Forces, New York Attn: LT Commander Ernie Morton 212 Coast Guard Dr. Staten Island, New York 10305	Natural Resources Conservation Service Ag. Service Center 2715 Route 44 Millbrook, NY 12545-0037

## State Agencies

Nicholas Conrad Information Services NYSDEC Natural Heritage Program 625 Broadway, 5 <sup>th</sup> Floor Albany, NY 12233-4757	James E. Ralston, P.E. Director, Bureau of Air Quality Planning NYS DEC Division of Air Resources Attn: Denny Escarpeta 625 Broadway, 2nd Floor Albany, NY 12233-3251
Steve Resler Deputy Bureau Chief New York Coastal Management Program Department of State Division of Coastal Resources 41 State St Albany, NY 12231-0001	Ruth L. Pierpont Director New York State Office of Parks, Recreation and Historic Preservation Field Services Bureau Peebles Island PO Box 189 Waterford, NY 12188-0189
Margaret Duke, Regional Permit Administrator Division of Environmental Permits NYSDEC, Region 3 Attn: Alec Ciesluck 21 South Putts Corners Road New Paltz, NY 12561-1696	Mr. Robert Schick New York State Department of Environmental Conservation Division of Environmental Remediation Remedial Bureau C 625 Broadway Albany, NY 12233
Matthew S. Hubicki Environmental Engineer NYSDEC Remedial Bureau C Division of Environmental Remediation 625 Broadway Albany, NY 12233-7014	Michael Knipfing NYDEC Region 3 21 South Putt Corners Road New Paltz, NY 12561
Marc Moran Regional Director NYDEC 21 South Putt Corners Road New Paltz, NY 12561	Wendy Rosenbach Public Affairs Officer NYSDEC 21 South Putt Corners Road New Paltz, NY 12561
Richard Baldwin NYSDEC 21 South Putt Corners Road New Paltz, NY 12561	Fran Dunwell NYSDEC 21 South Putt Corners Road New Paltz, NY 12561
Bill Rudge NYSDEC 21 South Putt Corners Road New Paltz, NY 12561	Mary Von Wergers NYSDEC 625 Broadway Albany, NY 12233
Harold Evans NYSDEC 625 Broadway Albany, NY 12233	Sal Ervolina NYSDEC 625 Broadway Albany, NY 12233

Mary Young NYSDEC 625 Broadway Albany, NY 12233	Gary Litwin NYSDOH 547 River Street Troy, NY 12180
Kristin Kulow NYSDOH 28 Hill Street, Suite 201 Oneonta, NY 13820	Betsy Blair HRNERR P.O. Box 315 Staatsburg, NY 12580
Richard Morse NYS Assembly Waste Commissions Agency Building 4, Fifth Floor, ESP Albany, NY 12248	



## Interested Parties

Edna Sussman, (2) Executive Director Federated Conservationists of Westchester County, Inc. E House – Pace University School of Law 78 North Broadway White Plains, New York 10603	Glen Island Harbor Club Glen Island Park Weyman Ave. New Rochelle, NY 10801
Environmental Advocates of New York 353 Hamilton St. Albany, NY 12210	Mark Bauer Consolidated Edison 31-01 20 <sup>th</sup> Avenue, Building 97 Astoria, New York 11105
Norman Herzberg, Muse Thomas Paine and New Rochelle Historical Association 983 North Avenue New Rochelle, New York 10804	Save the Sound, Inc. 18 Reynolds Street East Norwalk, CT 06855
Long Island Soundkeeper PO Box 4058 East Norwalk, CT 06855	Citizens Campaign for the Environment 225 A-Main Street Farmingdale, New York 11735
Natural Resources Defense Council 40 West 20 <sup>th</sup> Street New York, NY 10011	Westchester Land Trust 11 Babbitt Road Bedford Hills, NY 10507
New York Public Interest Research Group Long Island Regional & FBG 10 Oakwood Road Huntington, NY 11743-5536	Friends of Marshlands, Inc. P.O. Box 237 Rye, NY 10580
New York League of Conservation Voters Westchester Chapter 120 Bloomingdale Road White Plains, NY 10605	Greenway Conservancy Capitol Building Capital Station, Rm 254 Albany, NY 12224
Nature Conservancy Eastern NY Chapter 265 Chestnut Ridge Road Mt. Kisco, NY 10549	Westchester Environmental Coalition P.O. Box 488 White Plains, NY 10603
Karl Coplin, Esq. Pace/Riverkeeper 78 N. Broadway White Plains, NY 10603	Beczak Environmental Center 21 Alexander Street Yonkers, NY 10701
Environmental Citizens Coalition 119 Washington Ave., Suite #3 Albany, NY 12210-2204	Laura Haight NYPIRG 107 Washington Ave. Albany, NY 12210
Westchester County EMC 414 Michaelian Office Building White Plains, NY 10601	Robert Funicello Director of Environmental Projects Dept. of Environmental Facilities 270 North Avenue New Rochelle, NY 10801

## News and Media

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City Editor Associated Press 148 Martine Ave., CB Press White Plains, NY 10601	City Editor Gannett Suburban Newspapers 1 Gannett Drive White Plains, NY 10601
City Editor Martinelli Publications 40 Larkin Plaza Yonkers, NY 10701	City Editor Sound View News 40 Larkin Plaza Yonkers, NY 10701
City Editor Suburban Street News 170 Hamilton Ave., Ste. 211 White Plains, NY 10601	City Editor, The New York Times (White Plains Bureau) 235 Main Street White Plains, NY 10601
City Editor The Business Journal 3 Gannett Drive White Plains, NY 10604	City Editor Patent Trader-Journal News 185 Kisco Avenue Mount Kisco, NY 10549-1409
City Editor Westchester County Weekly 229 W. 43 <sup>rd</sup> Street NY. NY 10036	City Editor Westchester County Press P.O. Box 152 White Plains, NY 10602
City Editor Yonkers Jewish Chronicle 584 North Broadway Yonkers, NY 10701	News Director WHUD/WLNA P.O. Box 310 Beacon, NY 12508
News Director WRTN/WVOX 1 Broadcast Forum New Rochelle, NY 10801	News Director Cablevision of Westchester 116 N. Main Street Port Chester, NY 10573
News Director News 12 6 Executive Plaza Yonkers, NY 10701	News Director Paragon Cable 701-717 N. MacQuestein Mount Vernon, NY 10552
News Director WRNN TV 721 Broadway Kingston, NY 12401	Lisa Phillips, Bureau Chief WAMC 44 Main Street Kingston, NY 12401
Hank Gross Mid-Hudson News Network 42 Marcy Lane Middletown, NY 10941	City Editor Westmore News, Inc. 33 Broad Street Port Chester, NY 10573
City Editor American Latina 33 Broad Street Port Chester, NY 10573	News Director Women's E News 395 Hudson Street New York, NY 10014

News Director WFAS-AM P.O. Box 551, 365 Secor Road Hartsdale, NY 10530	City Editor Tri-State Pennysaver 510 Fifth Ave. Pelham, NY 10803
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