



Department of  
Environmental  
Conservation

# Environmental Site Remediation Database Search Details

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## Site Record

### Administrative Information

**Site Name:** City DPW Yard

**Site Code:** C360101

**Program:** Brownfield Cleanup Program

**Classification:** A

**EPA ID Number:**

### Location

**DEC Region:** 3

**Address:** 224 Main Street

**City:** New Rochelle Zip: 10801

**County:** Westchester

**Latitude:** 40.913422222

**Longitude:** -73.77255

**Site Type:**

**Estimated Size:** 6.47 Acres

### Site Owner(s) and Operator(s)

**Current Owner Name:** City of New Rochelle

**Current Owner(s) Address:** City Hall, 515 North Avenue  
New Rochelle, NY, 10801

**Current On-Site Operator:** Department of Public Works

**Stated Operator(s) Address:** City Hall, 515 North Avenue  
New Rochelle, NY 10801

### Site Document Repository

**Name:** New Rochelle Public Library

**Address:** 1 Library Plaza  
New Rochelle, NY 10801

### Site Description

**Location:** The site is located at 224 Main Street in New Rochelle, New York and is identified as Section 1, Block 84, Lot 5 on the Westchester County Tax Map. The site is 6.47 acres and is located in a mixed-use area with commercial, industrial, and residential uses on the northwest shores of Echo Bay. **Site Features:** The site is mostly asphalt-paved and occupied by the City of New Rochelle.

Department of Public Works (DPW). The DPW's facilities include several interconnected 1-story brick and concrete structures which are used as the office/administrative base for its routine operations, as a transfer station for recyclables collected from city residents, for road salt storage, for storing and repairing municipal vehicles and trucks, and for washing street-sweeping vehicles. Additionally, a fuel dispensing station is located to the east of the vehicle maintenance building. Current Zoning and Land Use: The site is currently occupied by the City of New Rochelle's DPW. The DPW uses the property for its routine operations, as a transfer station for recyclables collected from city residents, for road salt storage, and for washing street-sweeping vehicles. According to the zoning map for the City of New Rochelle dated December 14, 2010, the Site is located in a PWD-5 planned waterfront development district with 3- and 5-story restriction for residential redevelopment. Past Use of the Site: Past uses of the site include a boat yard (circa 1911) and vehicle maintenance and repair by the City of New Rochelle's Department of Public Works (DPW). Typical operations by the DPW included the use of petroleum, paints, and solvents. From 1926 to 1955 a sewage treatment and disposal plant was operated by the DPW at the site. Site Geology and Hydrogeology: The site consists of surficial layer of historic fill from 1 to 15 feet below ground surface (bgs). The historic fill is composed of varying amounts of sand, gravel, brick fragments, and other anthropogenic materials. The fill is underlain by alluvial and till deposits which are primarily composed of sand with varying amounts of silt, gravel, cobbles, and boulders. The alluvial and till deposits are underlain by bedrock. Depth to bedrock varies significantly across the site, from about 1 feet bgs in the northwestern part of the site to about 40 feet in the eastern part of the Site. The upper 1 to 12 feet of bedrock was weathered and decomposed. Depth to groundwater at the site ranges from about 5 to 15 feet bgs and flows southeast in the direction of Echo Bay.

## Site Environmental Assessment

Petroleum impacts and light non-aqueous phase liquid (LNAPL) have been observed in soil borings and groundwater monitoring wells during investigation activities conducted at the site. The impacts likely originated from the petroleum bulk storage (PBS) areas and the fuel dispensing station. Soil: Soil contamination levels at the site exceeds the 6 NYCRR Unrestricted Use Soil Cleanup Objectives (SCOs) for benzene, toluene, ethyl benzene, and xylene (BTEX) constituents, naphthalene, and polycyclic aromatic hydrocarbons (PAHs). In addition, LNAPL was observed at two boring locations. Metals detected on-site which exceeded the Unrestricted Use SCOs included total chromium, copper, lead, mercury, nickel, and zinc. Pesticides that were detected on-site at concentrations exceeding their Unrestricted Use SCOs include 4,4'-DDD, 4,4'-DDE, and 4,4'-DDT. PCBs were not detected at concentrations above the Unrestricted Use SCO at the site. Groundwater LNAPL was detected in groundwater at three monitoring well locations, at thicknesses ranging from 0.04 feet to 0.57 feet. Volatile organic compounds (VOCs) which were detected in groundwater at concentrations exceeding their respective TOGS 1.1.1 Ambient Water Quality Standards (AWQS) include BTEX, isopropyl benzene, and MTBE. Select PAHs, bis(2-ethylhexyl)phthalate, and naphthalene were also detected in

groundwater at concentrations exceeding their respective AWQS. Metals including cadmium, iron, lead, manganese, and sodium were detected in groundwater at the site at concentrations exceeding the AWQS. Pesticides and PCBs were not detected in groundwater at the site.

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