



**CWSRF Projects C2-5210-16-70 & 16-00**  
**New York City Municipal Water Finance Authority**  
**Richmond County**  
**NYCDEP Oakwood Beach WPCP Upgrade –**  
**Contract OB-125 (Main Electrical Substation)**

---

**Type of Financing:** Short-Term Interest-Free and American Recovery and Reinvestment Act (ARRA) Funds

**Estimated Amount to be Financed:** \$13,852,850

**Estimated ARRA Principal Forgiveness:** \$13,852,850

**Estimated Principal of Long-Term Financing:** NA

**Other Funding Sources:** None

**Prior CWSRF Recipient:** Yes (X) No ( )

**Hardship Determination:** Yes ( ) No (X)

---

**Project Description:**

This action consists of providing short-term financing for the costs associated with the reconstruction of the primary electrical substation switchgear and enclosure facility and the 5KV feeder lines to the secondary unit power electrical substations throughout the site of the Oakwood Beach WPCP. This project is defined in the Engineering Report entitled “OB-125 Reconstruction of High Tension Substation at the Oakwood Beach WPCP”, dated June 29, 2009 was approved and made eligible by the NYSEFC on July 24, 2009. The plans and specifications will be approved upon receipt of the final bid set.

**Project Summary:**

This project is necessary to complete the upgrade of the main electrical substation at the Oakwood Beach Water Pollution Control Plant that serves all of southern Staten Island and has a dry weather flow capacity of 40 MGD. The NYCDEP had previously been unable to complete this main power supply upgrade due to the concerns of the local utility, Con Edison, over the selection of certain electrical equipment components that could not be approved. This project will include all of the reconstruction work and replacements of equipment that are necessary to complete this critical upgrade and receive Con Edison approvals.

**Financing Summary:**

Total project costs will be funded with CWSRF short-term interest-free financing, and upon satisfactory completion will be principally forgiven and any ineligible portion will be either converted to CWSRF long-term leveraged financing or repaid. Project costs have not been pre-financed by any other source.

**SEQR Findings:**

The Corporation has determined that the proposed action will finance the construction of a project that will not have a significant adverse effect on the environment: (1) DEC has certified that this project is in compliance with the SERP; (2) no potentially large impacts have been identified; and (3) NYCDEP, acting as lead agency, has determined that the project will not have a significant effect on the environment.

**Construction Schedule:**

<u>Description</u>	<u>Construction Start</u>	<u>Construction Completion</u>
Contract OB-125	January 1, 2010 (T)	September 1, 2012 (T)