

SRG Federal Services LLC (SRG Federal), formerly ECOR Federal Services LLC, supported the U.S. Navy, Engineering Field Activity Atlantic Division (NAVFAC MIDLANT) under its MidAtlantic, Small Business Environmental Multiple Award Contract (EMAC). ECOR provided operation and maintenance (O&M) activities, system optimization, site management, and technical reporting services for NAVFAC at the GM-38 Area groundwater treatment plant (GWTP).

The GM-38 Area refers to a cluster of monitoring wells that were installed by Northrop Grumman Corp. and are approximately 8,500 feet south southeast and hydraulically down-gradient of the former Naval Weapons Industrial Reserve Plant (NWIRP) Bethpage.

NWIRP Bethpage was located in east central Nassau County, Long Island, New York, approximately 30 miles east of New York City and is currently listed by New York State Department of Environmental Conservation (NYSDEC) as an inactive hazardous waste site.

The GM-38 Area GWTP is designed to treat up to 1,200 gallons per minute (gpm) groundwater contaminated with trichloroethylene (TCE), tetrachloroethylene (PCE), and carbon tetrachloride (CCl₄) that is extracted from two recovery wells and processed through a packed column air stripper followed by Liquid Granular Activated Carbon treatment (LGAC).



Treated water can either be discharged into a Nassau County Recharge Basin or into an on-site injection well. Emissions from the air stripper are processed through Vapor Granular Activated Carbon (VGAC) and Potassium Permanganate prior to atmospheric discharge. SRG Federal performed preventative maintenance activities, collected operating and chemical data, and prepared monthly compliance reports and contaminant mass removal calculations for submittal to NYSDEC.



SRG Federal performed quarterly Long Term Monitoring (LTM) activities for the groundwater wells associated with the GM-38 Area GWTP. Quarterly and Annual Reports summarizing the results of the LTM events, groundwater contours, isopleths, trend analysis, and plume transect plots were submitted to NAVFAC and NYSDEC for review.

SRG Federal presented GWTP operational data and LTM program data as well as GWTP progress updates to the public and regulatory agencies during quarterly Restoration Advisory Board (RAB) meetings. SRG Federal prepared and continually updated technical reports including the Sampling and Analysis Plan (SAP), Long Term Performance Monitoring Plan (LTPMP), a Preventative Maintenance Plan (PMP), Site Specific Safety and Health Plan (SSHP), monthly O&M reports, and quarterly and annual LTM reports.