

Department of Navy Naval Weapons Industrial Reserve Plant, Bethpage Restoration Advisory Board Meeting

RE108 Phase II Groundwater Treatment Plant and Pipeline Construction and Operation

Presented by:
Stephen Matney, Project Manager
AGVIQ, LLC
17 May 2023

Presentation Topics



- RE108 Area Hotspot Treatment System Phase II Overview
- RE108 Area Hotspot Treatment System Phase II Status and Schedule
- Project Outreach and Monitoring
- Points of Contact
- Questions/Answers

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RE108 Area Hotspot Treatment System – Phase II System Overview



Construction of Water Treatment Plant

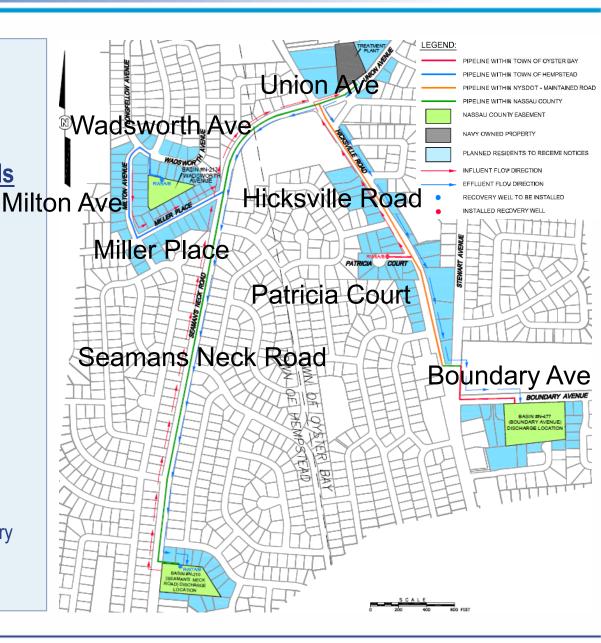
To be constructed at 11 Union Avenue

<u>Drilling and Installation of Recovery Wells</u>
(RWs)

- RW 5A/5B (Longfellow Avenue)
- RW 6A/6B (Patricia Court)
- RW 7A/7B (Seaman's Neck Road)

Installation of Influent and Effluent Pipelines

- RW 5A/5B Extraction Pipeline
- RW 6A/6B Extraction Pipeline
- RW 7A/7B Extraction Pipeline
- Effluent Pipeline to recharge basins N-477 (Boundary Avenue) and N-210 (Seaman's Neck Road)



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RE108 Area Hotspot Treatment System – Phase II System Installation Schedule of Pipeline Activities



Construction of Water Treatment Plant

- Under Construction approximately 77% constructed.
 - Groundwater Treatment Plant building fully enclosed and water tight.
 - Temporary Electrical Power Service Installation
 - Treatment Equipment Placement
 - Process Piping and equipment installation

Installation of Influent and Effluent Pipelines

- RW 6A/6B Extraction Pipeline.
- Installed approximately 1,600 LF of Reinforced Concrete Pipe (Effluent) along Boundary to Stewart Avenues and making turn onto Hicksville Road.
- Starting the Extraction (Influent) High Density
 Polyethylene (HPDE) piping installation in Patricia Court
 to Hicksville Road.
- Continue Clean-out and limited clearing at Basin N-477.

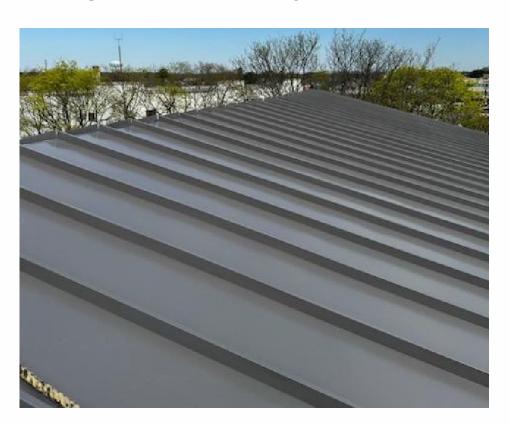




The following are photographs of progress on the project:



April 2023. Metal roof panel installation. Looking northwest.



April 2023. Roof panel installation, elevated AST tower.



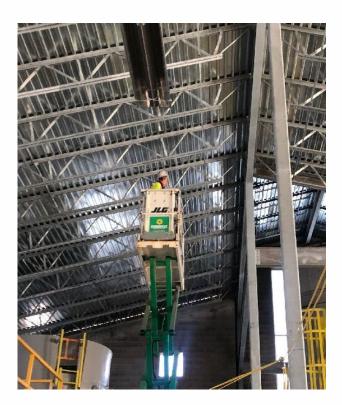
The following are photographs of progress on the project:



March 2023. Completed B17 outfall rip rap installation and surveying



The following are photographs of progress on the project:







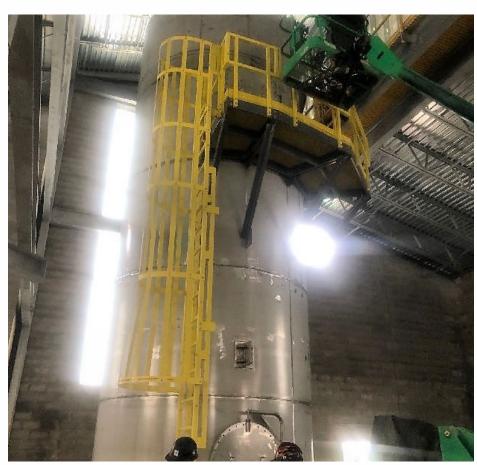


April 2023. HVLS fan installation



The following are photographs of progress on the project:

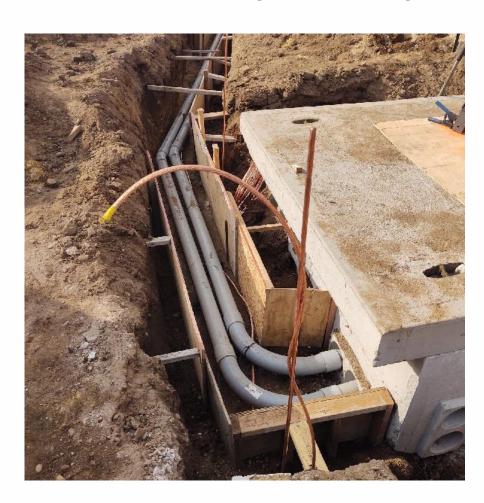




April 2023. AST ladder and access platform



The following are photographs of progress on the project:



March 2023. GWTP concrete electrical duct bank formwork



April 2023. GWTP electrical box and stub ups installed

RE108 Area Hotspot Treatment System – Phase II System Status and Schedule



- April 2021 Demolition, site grading, and seeding of 11 Union Avenue completed
- September 2021 -The 100 percent design was completed and issued for construction by Tetra Tech.
- March 2021 Tetra Tech began recovery well installation.
 - RW6A/B located on Patricia Court in the Town of Oyster Bay
 - RW7A/B located at Nassau County stormwater basin N-210
 - RW5A/5B located at Nassau County stormwater basin N-213 (drilling in progress)
- December 2021 April 2023 Mobilization for construction of the Groundwater Treatment Plant at 11 Union Avenue and Pipeline Installation operations. Continues through 2023.
- Commissioning Summer 2023.





RE108 Area Hotspot Treatment System – Phase II System Status and Schedule



Project Activities	Estimated Dates
Construction of Water Treatment Plant	December 2021 – July 2023
Drilling and Installation of Recovery Wells	March 2021 – May 2023
Installation of Conveyance Pipelines	April 2022 – September 2023
Commissioning Operations	June 2023 – July 2023

Project Outreach and Monitoring



- AGVIQ and NAVFAC intend to conduct periodic construction update meetings, as necessary, with representatives from the Town of Oyster Bay and the Town of Hempstead, property owners, and nearby residents.
- October 2021 AGVIQ and NAVFAC hand-delivered Construction Notices to buildings/residents surrounding 11 Union Avenue and will hand-deliver Construction Notices to residences in close proximity of the pipeline work prior to start of construction.
- February 2022 AGVIQ and NAVFAC hand-delivered Construction Notices to buildings/residents along the affected streets in close proximity of the pipeline work.
- October 2022 AGVIQ and NAVFAC hand-delivered Construction Notices to buildings/residents along the affected streets in close proximity of the pipeline work.
- April 2023 AGVIQ and NAVFAC hand-delivered Construction Notices to buildings/residents along the affected streets in close proximity of the pipeline work.





CONSTRUCTION NOTICE

February 2022

Please be advised that the Department of the Navy (Navy), in conjunction with the New York State Department of Environmental Conservation (NYSDEC), will be conducting environmental remedial action activities along the following roads beginning in March 2022:

- Seaman's Neck Road
- Miller Place
- Milton Avenue Wadsworth Avenue

- Hicksville Road Patricia Court
- Stewart Avenue
- Boundary Avenue

The environmental remedial action activities are part of the Navy's Phase II RE108 Area Hotspot Groundwater Extraction and Treatment System to address contaminated groundwater migrating from the former Naval Weapons Industrial Reserve Plant Bethpage

Construction activities include: recharge basin regrading and restoration, and installation of underground conveyance piping along the above listed roads associated with the construction of a treatment system, including a treatment facility building that will be constructed on the property located at 11 Union Avenue. Restoration at Nassau County basins N-213 (Wadsworth Avenue), N-210 (Seaman's Neck Road) and N-477 (Boundary Avenue) will commence on or around March 7, 2022 Construction to install underground conveyance piping to route from the basins to the treatment facility building will begin in April 2022. Anticipated disruptions could include driveways being temporarily blocked or potentially requiring residents to move their vehicles off the street for a short period of time (less than one day). Residents with potential driveway blockages will be notified two days prior to the work in their area. Piping will be installed in trenches in the road right-of-way approximately four to six feet deep. The duration of pipeline installation is approximately five to six months. Standard construction equipment will be used during these activities and road signage will be used to alert motorists and pedestrians

Additional information on the Navy's cleanup program is available at http://go.usa.gov/DyXF.

The Navy and its contractors are taking all reasonable steps to minimize disruption to you and your neighbors during these construction activities. Furthermore, heavy equipment will only be operated between the hours of 8 a.m. and 4 p.m., Monday through Friday, to limit noise disturbances. If it is necessary to visit the work site during other hours or weekends, activities will be kept to a minimum.

Onsite prime contractor for the Navy will be AGVIQ, LLC and their subcontractors. Inquiries may be directed to Stephen Matney, the Navy's Task Order Manager, or other contacts listed below.

We appreciate your cooperation and patience as we complete this important project. If you require additional information, please contact;

Stephen Matney Scott Sokolowski AGVIQ, LLC U.S. Navy

Project Manager Remedial Project Manager (757) 213-8583 (757) 341-2011

scott.c.sokolowski.civ@us.navy.mil

Jason Pelton NYSDEC

NYSDEC Regional Citizen Project Manager Participation Specialist (518) 402-9478 (631) 444-0350

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Jim Sullivan

Project Manager

NYSDOH

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Project Outreach and Monitoring (continued)



- The Navy and its contractors will take all reasonable steps to minimize disruption to the neighbors
 - Heavy equipment operations are limited to the hours between 8:00 AM and 5:00
 PM to limit noise disturbance
 - Affected school bus schedules will be identified and construction operations modified, as appropriate, to limit interruption and safety risks to the students
 - Noise and dust monitoring will be conducted at the perimeter of the work zones

Points of Contact



Point of Contact	<u>Name</u>	Contact Information
Navy Remedial Project Manager	Scott Sokolowski	scott.c.sokolowksi.civ@us. navy.mil
NYSDEC Project Manager	Jason Pelton	jason.pelton@dec.ny.gov
AGVIQ Project Manager	Stephen Matney	smatney@tikigaq.com

Questions



Questions and Answers RAB Members