

**Northrop Grumman Systems Corporation  
Operable Unit 3  
RW-21 Project Area  
Bethpage, New York**

**Weekly Construction Progress Report  
Work Period: 07/6/2020 thru 07/10/2020**

**Project Work Performed at South Recharge Basin:**

- Performed Community Air Monitoring with no reportable exceedances.
- Excavated approx. 135 linear feet of pipe trench.
- Fused approx. 404 linear feet of 16"x24" HDPE pipe and fittings.
- Installed approx. 135 linear feet of HDPE pipe and fittings.
- Installed approx. 300 linear feet of communication conduit.
- Backfilled approx. 250 linear feet of pipe trench.
- Graded and compacted access road.
- Performed density testing on backfilled materials, which passed with results greater than 92% compaction for select fill and 95% for utility bedding.
- Installed additional erosion and sedimentation controls along the pipe route.
- Installed stone pad at the north end of the pipe corridor near the Grumman Road East gate.
- Transported three truckloads of soil from the stockpile on the east side of Basin 4 to the staging area at Northrop Grumman.
- Received one truckload with twelve 50' sections of 16"x24" double-wall HDPE pipe.
- Successfully completed pneumatic pressure testing of 24-inch HDPE containment piping from Station 10+50 to Station 17+50.

**Work Projected Next Period:**

- Continue 16"x24" HDPE pipe and fittings fusion.
- Continue trench excavation and 16"x24" HDPE piping and fittings installation.
- Continue communication conduit installation.

**Site Visitors:**

- Resident at home near southeast end of South Recharge Basin inquired about work being done. As pipe was visible, Arcadis indicated that piping was being installed and provided resident a contact sheet to get further information.



**Density testing adjacent to HDPE piping**



**Communication conduits and HDPE pipe marking tape**



**Partially installed 45-degree HDPE pipe section**