

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

**Weekly Construction Progress Report Work
Period: 07/27/2020 thru 07/31/2020**

Project Work Performed at South Recharge Basin:

- Performed Community Air Monitoring with no reportable exceedances.
- Fused 122-degree HDPE pipe radius to 50 linear feet of 16"x24" HDPE pipe.
- Fused HDPE air release and annular closure fittings.
- Excavated approx. 80 linear feet of pipe trench.
- Installed approx. 20 linear feet of communication conduit.
- Backfilled approx. 20 linear feet of pipe trench.
- Performed density testing on backfilled materials, which passed with results greater than 92% compaction for select fill and 95% for utility bedding.
- Transported five truckloads of soil to the staging area at Northrop Grumman.
- Successfully completed pneumatic pressure testing of 16-inch HDPE carrier piping from Station 0+48 to Station 21+23.



Construction of 122-degree HDPE pipe radius

Project Work Performed on Grumman Road East:

- Performed Community Air Monitoring with no reportable exceedances.
- Performed noise monitoring.
- Hand and vacuum excavated to locate utilities along pipeline route.
- Trimmed tree branches to 17 feet above pavement along the southern and western sides of road.
- Sawcut the asphalt pavement on both sides of the proposed pipe trench.
- Staged material along the grass shoulder including precast vaults, castings, HDPE pipe fittings, trench boxes, steel road plates, and traffic control signs.



Vacuum excavating for utility location

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:

- Local resident walking by asked if the road was being paved and was told area over new pipe trench would be repaved.



Trees trimmed on west (left) side of road