



## March 2011 Project Update

### Overview

This project provides for the long-term abatement of odors generated by the Potomac Interceptor Sewer by constructing six ventilation buildings along the main sections of the sewer. The six sites are located in the District of Columbia (Site 1995), Montgomery County, MD (Sites 4, 17 and 27), Fairfax County, VA (Site 31) and Loudoun County, VA (Site 46). The constructed system will draw gases from the sewer by vacuum, treat the gas stream with activated carbon and discharge the treated air to the atmosphere.

### Construction

#### **Site 1995 (Fletcher’s Boat House)- Washington, DC**

Unexpected geotechnical conditions created the need to revise the building’s foundation design and to increase ground stability and load bearing capacity by injecting cement based grout into the earth at various predetermined points at the construction site. The foundation design revisions are now complete and the foundation is currently under construction. This brick and mortar facility will include public restrooms for park users. The restrooms will be owned and maintained by the National Park Service (NPS).

#### **Site 4 (Little Falls Pumping Station)- Bethesda, MD**

This site is currently under construction. The Washington Aqueduct and NPS recently approved the tone and texture of the exterior concrete walls of the building. The building walls are now being formed and concrete for the walls will be poured in the near future. The new building will look very similar to the existing sub-station buildings. Despite its proximity to the Clara Barton Parkway, the contractor has been successful in minimizing traffic related issues at the site.

#### **Site 17 (I-495)-Cabin John, MD**

After experiencing delays in obtaining some of the required permits, construction is underway at this site. The foundation has been poured and the walls will be erected soon. The exterior of this facility will be a combination of stone and brick and will be tucked behind an earthen barrier, just off the Clara Barton Parkway.

#### **Site 27 (Old Angler’s Inn)-Potomac, MD**

Following the discovery of large underground boulders at this project site, revisions to its foundation design and grouting work have been implemented to resolve the issue. To date, foundation design revisions have been completed and grouting is expected to be completed during this month. The water main that will serve this facility is currently under construction. This facility will be constructed of brick and mortar and will also feature a public restroom for park users.

#### **Site 31-Great Falls, VA**

The Special Zoning Exception and Board of Supervisors was obtained for this site on January 11, 2011. Presently, DC Water is working to finalize the Site Plan and Building Permit applications. Approval for these latter two items should take 4-6 months. Construction will start later in the year and is scheduled for 12-18 months. This facility will have an exterior of natural stone.

#### **Site 46 (Sportsplex)-Loudoun County, VA**

Site Plans have been submitted to Loudoun County and initial comments are currently being addressed. The construction contract for this facility will be considered together with Site 31. Construction of this facility will also start later in the year, is scheduled for 12-18 months, and will include an exterior of natural stone.

### Schedule

With construction underway at each of the DC and Maryland sites, work at these four locations is scheduled for completion in March 2012.

## Project Renderings



**Site 4 – Little Falls Pumping Station  
Bethesda, MD**

Located adjacent to Washington Aqueduct’s Little Falls Pumping Station along the Clara Barton Parkway, this facility will be tied to and reflect the finish of the existing building.



**Site 17 – East of I-495  
Cabin John, MD**

Located along Clara Barton Parkway east of I-495, this facility will be landscaped so that it blends with the surrounding environment. The roof of the building will be visible to onlookers and will resemble a retaining wall.



**Site 27 – Old Angler’s Inn  
Potomac, MD**

Located in the parking lot of the C&O Canal along MacArthur Boulevard, across from the Old Angler’s Inn, this building will be made of brick and will include a public restroom for park visitors.



**Site 31  
Great Falls, VA**

This building, located on land owned by the Northern Virginia Regional Park Authority, has been designed as a barn to blend with its surrounding environment.



**Site 46 – Sportsplex  
Loudoun County, VA**

Similar to Site 31, this building is located on Northern Virginia Regional Park Authority land and bears a barn-like resemblance.



**Site 1995 – Fletcher’s Boat House  
Washington, DC**

Located at Fletcher’s Boat House across the parking lot from the historic Abner Cloud House, this brick facility will include a public restroom for park visitors.

**FOR MORE INFORMATION PLEASE CONTACT:**

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