

# Martin State Airport Groundwater Treatment System Construction Project Bulletin

Winter 2015-2016

Construction on the Dump Road Area groundwater treatment system at Martin State Airport has started. Lockheed Martin's primary construction contractor, AECOM, began work in mid-November by clearing brush and trees within the work area and placing erosion and sediment controls, such as silt fence. Site preparation will continue through the winter of 2015-16; construction of

the treatment building will begin in the spring of 2016. The treatment facility is expected to begin full operations by early 2017.

Contractor access to the construction site will be through the Maryland Air National Guard security checkpoint on Lynbrook Road. From

mid-December 2015 to mid-June 2016, contractor access to a portion of Lynbrook Road near a bald eagle nest will be diverted to avoid disturbing the eagles during their nesting season.

## Construction Schedule

- Nov. 2015 – Winter 2016:  
Site work,  
Outfall installation
- Spring 2016 –  
Building construction
- Fall 2016 –  
Finish Site work
- Early 2017 –  
Operations begin

Neighbors may begin to see evidence of the construction project in December when drilling for the extraction wells and the building foundation begins, and a crew will begin working in the water to install the outfall that will release the clean, treated water into Frog Mortar Creek.

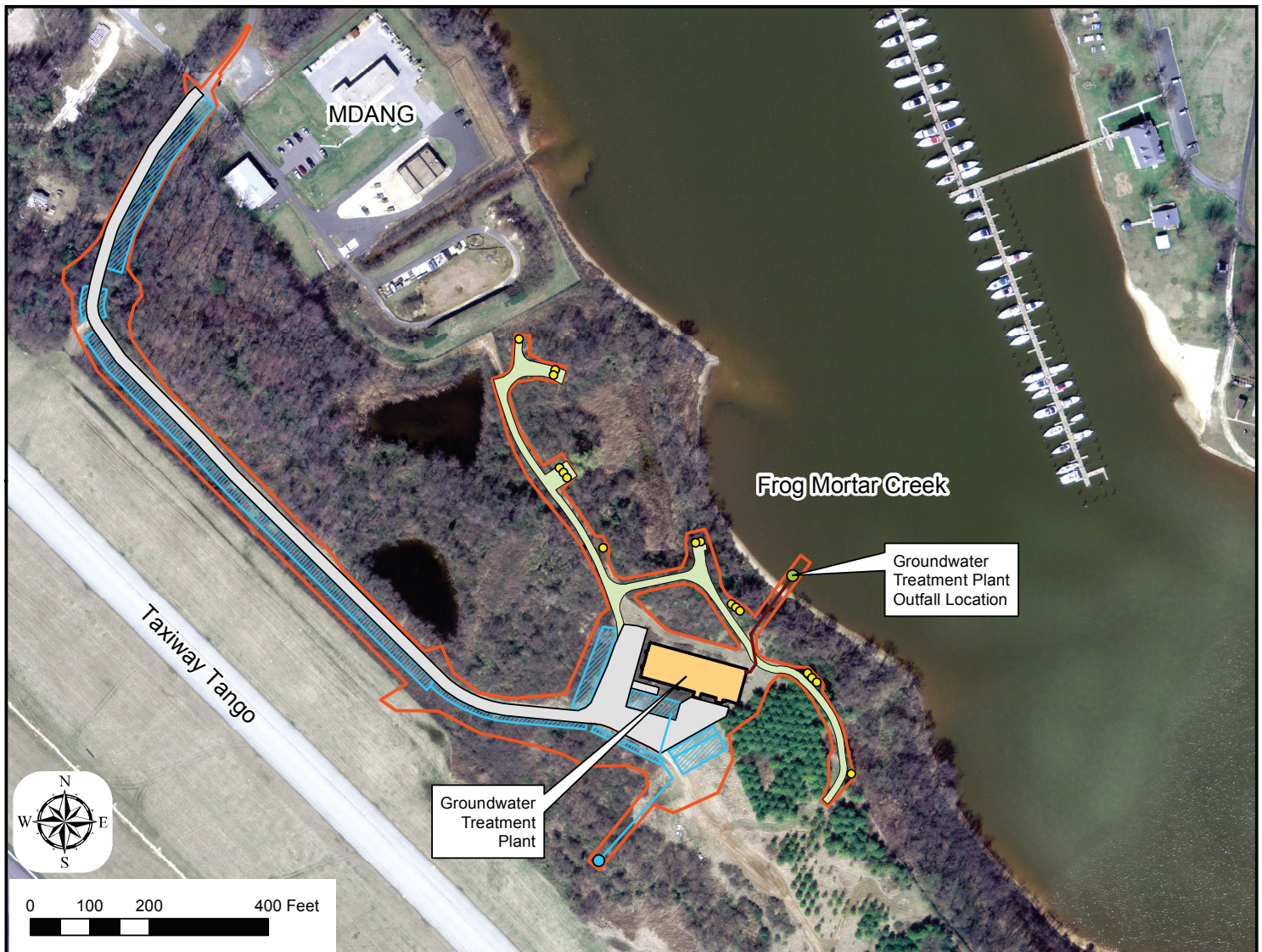
The outfall work will most likely be accomplished from a barge with a crane during normal weekday work hours. A concrete slab will be buried below the sediment in Frog Mortar Creek as an anchor for the six-inch-diameter plastic outfall pipe. The pipe will extend about 70 feet from the shoreline, well short of the navigation channel. The outfall will be marked with three yellow navigation buoys that meet Coast Guard requirements. The outfall is being constructed this December to comply with permit work-window requirements. Actual operation is about a year away.

Drilling of initial extraction-well borings will also begin in early December 2015 in the Dump Road Area. The drill rig may be visible to neighbors from across Frog Mortar Creek. These borings will confirm the expected depth to which the final wells will be installed. Drilling of the actual extraction wells is expected to start in March 2016 and continue for about two months.



*Drilling of initial extraction well borings began in December 2015.*





### ***Groundwater Treatment Facility Layout***

Preparation of the site for construction of the building is also starting. The 70-by-140-foot building will be 30-feet high and the foundation slab will sit on a series of 250 pilings. Holes for the pilings will be dug by an auger; cement will be injected into each hole as the auger is removed to create a solid piling. No loud pile-driving should be required. Soil from the holes will be disposed off-site at a licensed disposal facility. The first test holes will be drilled in December and, as with the extraction-well borings, the rig may be visible to neighbors across Frog Mortar Creek.

Piling installation is expected to be completed in January 2016. Pouring cement for the building slab will not occur until the weather warms in March, and erection of steel to support the building and roof will occur shortly thereafter. The building should be completed by the end of June 2016.

Piping between the extraction wells and the treatment building will be installed in late spring of 2016. By July 2016 most of the construction activity will be inside the building, including installation of the treatment equipment, walls, plumbing, etc. Startup and testing of the treatment system is expected to begin in late 2016.

As with all construction projects, schedules could change due to unforeseen circumstances such as weather, supply delays, etc.

Feel free to contact Gary Cambre, Senior Manager of Communications for Lockheed Martin at 800-449-4486 or by email at [gary.cambre@lmco.com](mailto:gary.cambre@lmco.com) if you have questions or concerns.

**For further information about Lockheed Martin's remediation project at Martin State Airport you are encouraged to visit the Lockheed Martin website [www.lockheedmartin.com/martinstate](http://www.lockheedmartin.com/martinstate)**