

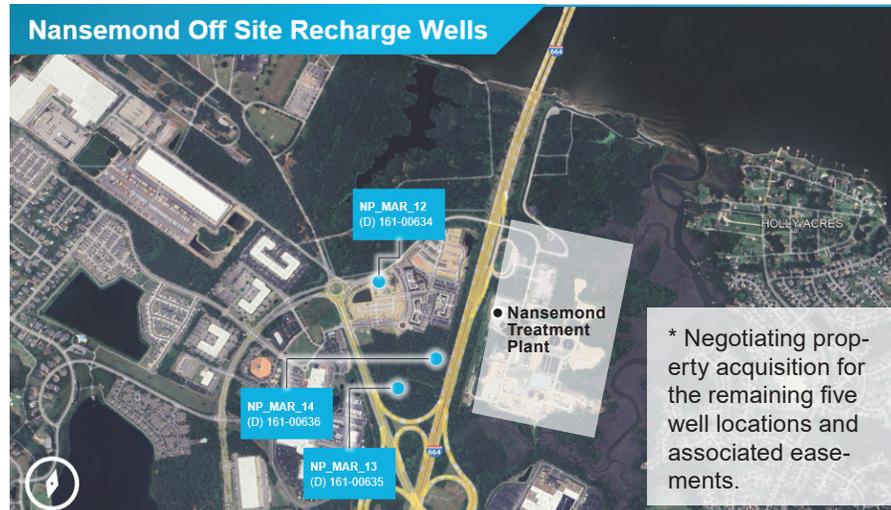


Nansemond Off Site Managed Aquifer Recharge Well and Integration Construction

The Sustainable Water Initiative for Tomorrow (SWIFT) is an innovative program taking highly treated wastewater effluent that would otherwise be discharged to surface waters and providing additional rounds of advanced water treatment to produce SWIFT Water® that meets drinking water quality standards. SWIFT will provide a sustainable source of groundwater to replenish and recharge the Potomac Aquifer.

The Nansemond SWIFT Facility, located in Suffolk, Virginia, will require the installation of 19 high-capacity Manage Aquifer Recharge (MAR) Wells to depths exceeding 1,000 feet. The first 11 wells, located on the treatment plant property, are currently under contract. The remaining eight wells will be located off site. Two separate capital projects have been developed for these wells: well installation (GN016382) and well integration (GN016838).

To meet this timeline, HRSD is evaluating delivering both off site projects using the Construction Management at Risk (CMAR) method or delivering them separately using Design-Bid-Build (DBB). If CMAR is chosen, the selection process will begin Winter 2026. If DBB is chosen, both projects will be advertised for bid in Fall 2027.



ANTICIPATED PROCUREMENT TIMELINE

We are looking for qualified, experienced contractors and drillers capable of constructing these wells and associated integration facilities across multiple project sites.



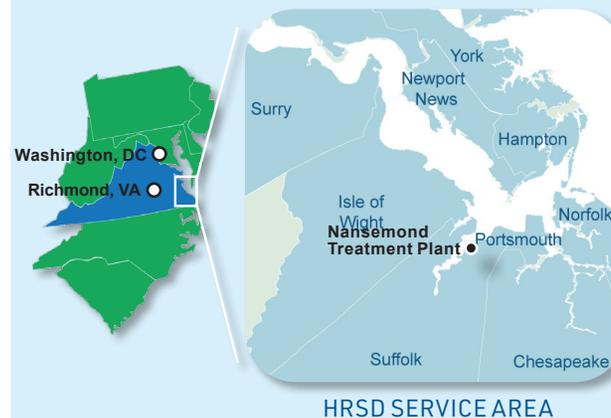
Design
**Now through
Summer 2027**



Construction
**Summer 2026
through 2031**



Nansemond SWIFT
Online
March 2029



Are you registered to do business directly with HRSD?

If not, register for free today through HRSD's Online Oracle Enterprise Resource Planning (ERP) system at <https://www.hrsd.com/procurement>.

If you need assistance or have a question about registration or HRSD's ERP system, please contact HRSD's Help Desk at erphelp@hrsd.com or call 757-460-7318.

Well Installation Scope (GN016382)



Construct 8 large diameter high capacity recharge wells and 1 monitoring well cluster.



Provide multiple rigs on site to meet our schedule.



Work across multiple sites and collaborate/coordinate with integration contractor.



Implement a testing program that includes sample collection, sieve analysis, and hydraulic testing.



Perform mechanical integrity testing.



Deploy packers and introduce aquifer conditioning solution to treat each screen zone.

WELL INSTALLATION
\$70 MILLION

Well Integration Scope (GN016383)



Integrate 8 recharge wells and 4 monitoring wells.



Construct parallel pipelines, ranging in diameter from 12 to 30 inches, to connect to the SWIFT Water distribution system and backflush conveyance system.



Construct all related well facilities including mechanical, electrical instrumentation/control, building and site work.



Phase work to collaborate/coordinate with the drilling team.



SITE WORK AND
PIPELINE INSTALLATION
\$67 MILLION

Example Conceptual Rendering

For more information, please visit www.swiftva.com or email:

Lauren Zuravnsky, PE, DBIA
Director of Design &
Construction SWIFT lzuravn-sky@hrsd.com

Mike Hess, PE, Assoc. DBIA
Deputy Program Manager of
Design & Construction SWIFT
mhess@hrsd.com

Dan Holloway, P.G.
Hydrogeologist dholloway@hrsd.com