

# CHURCH HILL TANK REPLACEMENT

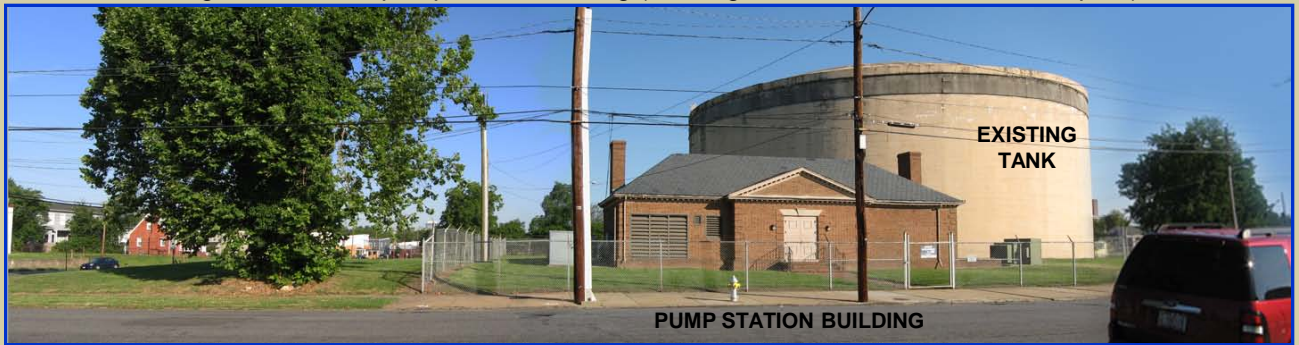
## PROJECT SUMMARY:

The City of Richmond is replacing the 5.0 Million Gallon Ground Storage Church Hill Tank located at 714 N. 30<sup>th</sup> Street between 29<sup>th</sup>, 30<sup>th</sup>, "M" and "N" Streets. The tank holds finished drinking water and provides water directly to customers.

The existing tank was built in 1954 and is approximately 58 years old. The tank has reached the end of its useful life and is recommended for replacement. Project work involves building a new tank, then demolishing the old tank after the new tank is in service. The footprint of the new tank, as shown in the photos below, is anticipated to be south of the existing tank and will be behind the Church Hill Pump Station Building.

## Existing

Tank to the right of the brick pump station building (Looking NORTHWEST, towards the park)



## Proposed

Tank to the left of the brick pump station building (Looking NORTHWEST, towards the park)



## WHAT'S HAPPENING NOW:

In September 2011, the City of Richmond authorized an engineering firm to begin design for the replacement of the tank. Conceptual design is currently on-going. A series of meetings with local civic groups is planned to inform interested residents about the tank replacement.

## PROJECT SCHEDULE:

Final Design  
July, 2013

Construction  
2014 through 2015

Mayor Dwight C. Jones  
"Building a Better Richmond"



CITY OF RICHMOND

DEPARTMENT OF PUBLIC UTILITIES



# Church Hill Tank Replacement – FAQ

## What is the purpose of the project?

The Church Hill Tank is approximately 58 years old and has reached the end of its useful life. The rehabilitation of the existing tank is not considered cost effective and therefore tank replacement has been recommended. A replacement tank will ensure that the City continues to provide high-quality drinking water and distribution of water to customers.

## I see contractors working at the site already. Is the work described here something different?

Currently, contractors working for the City are replacing equipment within the pumping station. This work will continue through the fall of 2013. The tank replacement construction work is scheduled to begin in 2014.

## How will the tank construction and demolition impact my water service?

During new tank construction, the existing tank will remain in service. Once the new tank is complete and on-line, the existing tank will be demolished. With this sequence of construction, we do not anticipate any water service disruptions.

## Will this work impact access to the nearby Ethyl B. Furman park area?

The construction project will be within a fenced area and public access will not be allowed due to safety considerations. Full use and access to the park will remain unchanged during construction.

## Will this work impact traffic in the area?

The work is adjacent to public roads and some short-term lane closures will be needed. Lane closures will not occur during school bus pick-up or drop-off hours.

## Will this work impact on-street parking?

During construction, on-street parking on North 30<sup>th</sup>, between “M” and “N” Streets will be restricted on the northwest side (closest to the tank site). Remaining streets will remain unaffected.

## Will school bus traffic be affected?

The work will not affect school bus traffic or existing school bus routes.

## When will this work be performed?

The City of Richmond’s Department of Public Utilities anticipates that the work will be performed between the hours of 8:00 a.m. to 5:00 p.m., Monday through Friday. Lane closures and restricted parking may span over multiple days. Depending on weather and construction progress, on-street parking may also be limited over the weekend. Signs will be posted.

## How long will it take?

New tank construction is anticipated to take 6 to 8 months. Existing tank demolition and final site restoration is anticipated to take 4 to 5 months.

## What environmental permits are needed?

Environmental permits required are Erosion Control and Sedimentation Permit, and Storm water Permit.

## Will the tank be drained?

The existing tank will be drained prior to demolition. Water will be drained to either the existing sewer system or trucked off-site by tankers. The streets will remain dry.

## Will the site be fenced?

The site will be fenced and the existing fence will be replaced by a new ornamental fencing system for facility security and safety.

## What future site improvements are being planned?

The City plans to replace the existing street lighting substation equipment which is located on this site with new equipment to improve street lighting service. This work is not scheduled to begin until 2013/2014.

**IF YOU HAVE QUESTIONS,  
CONCERNS OR COMMENTS ABOUT  
THE PROJECT, PLEASE CONTACT:**

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DEPARTMENT OF PUBLIC UTILITIES



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