

John D. Morgan Park Monitoring Well Project

Project No. 91304001

Engineer's Report

June 2016

Water Supply Management Division



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ENGINEER'S REPORT

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The Engineer's Report has been prepared under the direct supervision of the undersigned, who hereby certifies he/she is a Professional Engineer in the State of California



June 2016

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1. PROJECT DESCRIPTION

The proposed John D. Morgan Park Monitoring Well Project (Project) is located in the south parking lot of John D. Morgan Park in Campbell, California 95008 (see Figure 1).

The Project objective is to construct monitoring wells to support permitting and compliance for potential indirect potable reuse using purified recycled water in the District's Los Gatos recharge system. The project involves drilling two adjacent boreholes to an estimated maximum depth of 400 feet and constructing five nested monitoring wells.

Due to the proximity of neighbors, the drilling equipment will be enclosed by a temporary sound wall, which will require temporary restriping for parking lot traffic flow. Upon sound wall removal, the parking lot will be repaired, resurfaced, and restriped. Related short-term closures of the parking lot will be preceded by noticing and street signs. The monitoring wells will be secured in an at-grade utility vault that will not disrupt existing uses of the park.

2. ZONE BENEFITS

The project work supports potential indirect potable reuse in the Santa Clara Groundwater Subbasin, which will benefit Water Utility Zone W-2 (North County).

3. PROJECT RIGHT OF WAY

The monitoring wells will be drilled and constructed in a City of Campbell park, which will require an encroachment permit during construction and a long-term easement for permanent access to the wells. The Campbell City Council has authorized the City Manager to negotiate issuance of an encroachment permit and a permanent access and operations agreement with the District for the monitoring wells.

4. MAPS AND FIGURES

See attached Figures 1 and 2 at the end of the report.

5. PROJECT COSTS

The estimated cost to design and construct the proposed Project is \$740,000, which is within the total planned expenditures in the approved Fiscal Year 2016-2020 Capital Improvement Program.

6. LIST OF FIGURES

Figure 1 – Project Location

Figure 2 – Approximate Location of Monitoring Wells and Sound Wall

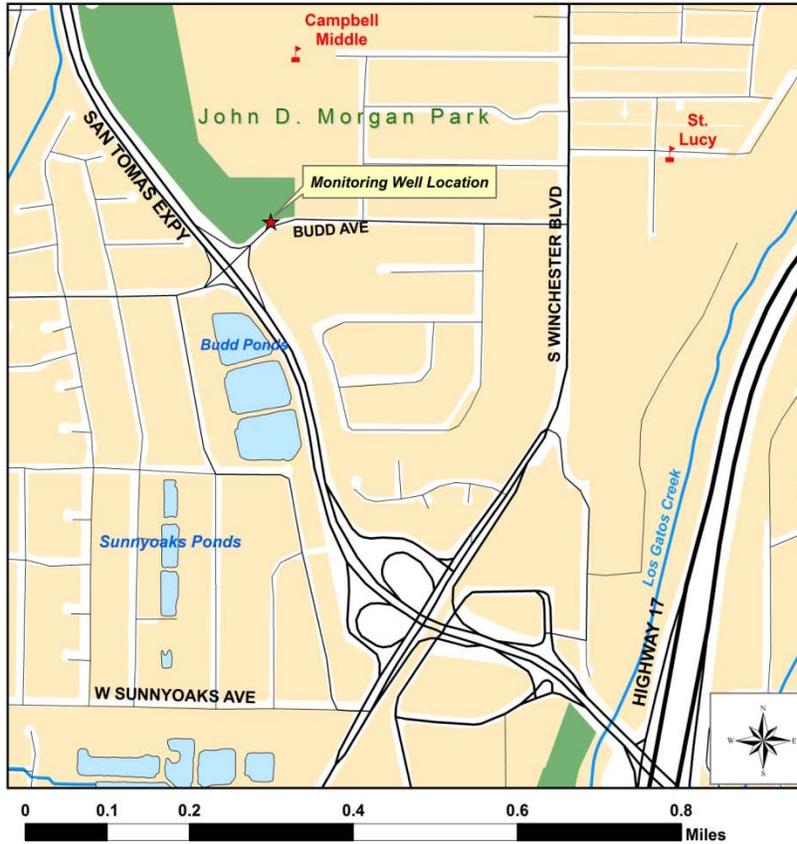


Figure 1 – Project Location

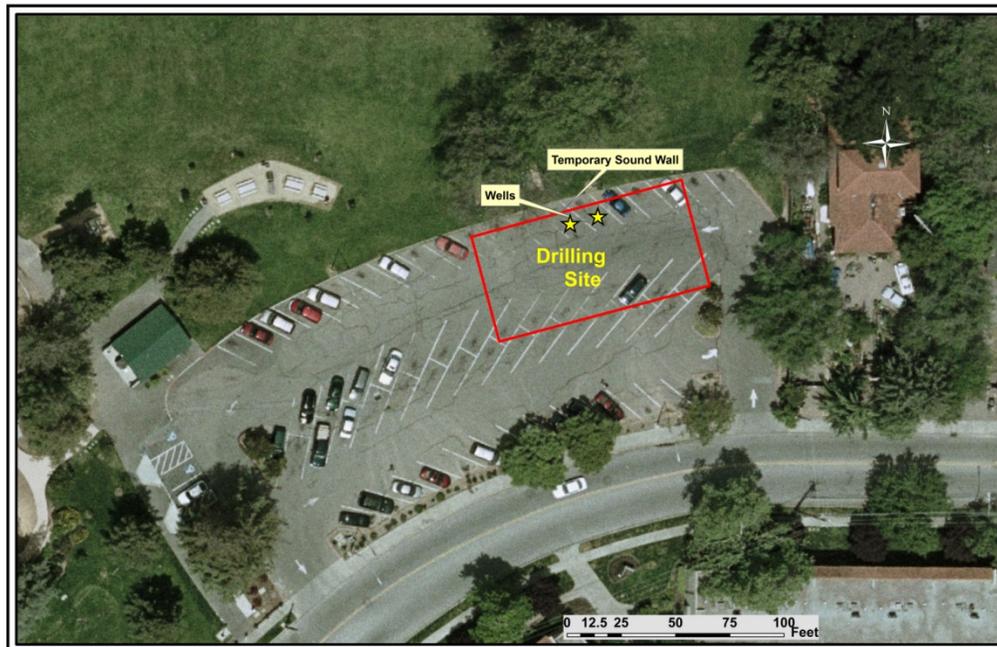


Figure 2 – Approximate Location of Monitoring Wells and Sound Wall