

TOWN OF WINDSOR AGENDA REPORT

Joint Windsor Town Council, Windsor Redevelopment Successor Agency and Windsor Water District Meeting Date: July 15, 2026

To: Mayor and Town Council
From: Elizabeth Cargay, Environmental Program Manager
Subject: Acceptance of Municipal Well Improvements for the Los Amigos Shallow ASR Water Supply Wells Installation and Testing Project

Recommendation to Council:

Adopt a resolution accepting the work performed by Parks Water Resources, LLC for the construction of the municipal well improvements for the Los Amigos Shallow ASR Water Supply Wells Installation and Testing Project and directing the Town Clerk to record a Notice of Completion.

Strategic Plan Element:

The recommended action supports the goal of Infrastructure. Goal Statement: Through a lens of sustainability and innovation, invest in the Town's infrastructure and public facilities to meet the needs of future generations.

Background:

The Town took its off-river well system offline in the early 2000s due to the lowering of the State of California's maximum contaminant level of arsenic allowed in drinking water, that went from 50 ug/L to 10 ug/L. Two new replacement wells were drilled in 2010, but naturally occurring arsenic was detected in the groundwater from the wells after installation due to oxygenation, so alternatives had to be considered. In 2024, the Town finalized a Groundwater Master Plan, which reviewed multiple alternatives and recommended the Los Amigos Shallow Aquifer, Storage and Recovery (ASR) Water Supply Well Project to install two shallow groundwater wells on Town-owned property at the north end of Town, located off Los Amigos Rd (Attachment 1). This ASR project involves four phases:

Phase 1 - Installing and developing two municipal wells

Phase 2 - Installing a monitoring well

Phase 3 - Installing water and sewer infrastructure to transport the water to the Town water system and back to the Los Amigos wells. Installing PG&E electrical.

Phase 4 – Temporary permitting and completion of a two-year ASR pilot study where clean, excess winter water from the Town's Russian River wells is injected and removed multiple times in the new wells and multiple required testing is completed.

Phase 5 – Permitting of the wells as full Municipal Wells and obtaining long term water rights for injection. If the pilot test proves workable, this stored water can then be accessed (pumped out) later during droughts, emergencies, or to meet other municipal needs, effectively creating an underground water storage reservoir without constructing a physical one. If not, the Town will still permit the wells as municipal wells.

Discussion:

As part of this Municipal well Improvement Project, two new wells at the Los Amigos well site were drilled, installed, and developed in October 2025 as Phase 1 of the Los Amigos ASR Project. Each well is approximately 225 feet deep. In the next phase, a monitoring well will be installed as phase 2 and infrastructure that is in design will be installed as Phase 3. A 1-2 yearlong pilot study will be conducted, in which groundwater quality changes will be analyzed to determine whether the injection of clean water reduces the need for arsenic and manganese treatment. If successful, the project will be fully permitted for municipal use. If ASR proves ineffective, water treatment will need to be considered for the Los Amigos well system.

The Town issued a Construction Service Agreement on June 18, 2025, for \$853,585.00 with Parks Water Resources, LLC. Staff for the work. The work was completed on January 23, 2026. The final contract cost was \$599,864.50. The work was completed under budget by 29%. Staff have determined that the work specified in the contract has been completed in accordance with the terms and conditions of the contract.

Fiscal Impact:

There is no fiscal impact associated with the proposed action.

Environmental Review:

This action does not constitute a “project” within the meaning of California Environmental Quality Act (CEQA) Guidelines Section 15378 and required no environmental review. A Notice of Exemption was filed with the County Clerk of the County of Sonoma on January 29, 2026.

Attachment(s):

1. [Resolution - Accepting Wells at Los Amigos](#)
2. [Site Map](#)
3. [Notice of Completion - Muni Wells](#)

Prepared by:

Elizabeth Cargay
Environmental Program Manager

Reviewed by:

William Nahas
Deputy Director of Water, Environment and
Sustainability

Shannon Cotulla

Public Works Director/Town Engineer

Approved by:

Jon Davis
Town Manager