

Status Update on the Replacement of Well 11

Progress Report

Introduction

The replacement of Well 11, referred to as Well 11r, is a critical project and the first step in the plans to enhance the water supply infrastructure for the District. This document provides a comprehensive update on the progress, challenges, and future steps in the replacement of Well 11.

Current Status

Drilling / construction operations:

Drilling began on July 26, 2024, with an anticipated construction completion date of September 2024.

Development and testing:

One of the final steps in the substantial completion of the well were pump testing and water sampling/testing. The long-term pumping test was completed on the morning of August 19, 2024, and water quality samples were collected by Alberts Water. All that remained was to remove the temporary test pump equipment and conduct a video survey.

Challenges

During the removal of the test pump equipment, a catastrophic failure in the elevator assembly (which is used to raise and lower the pipe in and out of the well) caused the pump, motor, drop pipe, transducer, and wiring to drop back down to the bottom of the well. This caused significant damage to the drop pipe, and likely the screened portion in the production zone of the well.

Attempts to remove the equipment lost in the well took place over the next several weeks. As part of this process, a video camera was sent down into the well to observe the location of the items. In reviewing this video, it was observed that there were two leaks in the new pipe. In November 2024, the Board deemed the contractor's recovery efforts unsuccessful and informed the contractor that the well would not be accepted.

Future Steps

Abandon Well 11r:

The contractor has agreed to the abandonment of the Well 11r structure in accordance with the Division of Water Resources Water Well Construction Rules at their cost.

Construction of Well 11rr:

Construction of a new replacement well, to be known as Well 11rr, at no additional cost to the district.

A new well permit was issued by the State on 1/23/2025.

Construction materials have been ordered by the contractor.

A new construction timeline will be posted on the district website once it is finalized.

Conclusion

Despite the unforeseen calamity and the subsequent delays, the replacement of Well 11 is progressing. Upon completion, it will put us back on track with the overall objective of the public water system improvement project for our community.

We appreciate your patience and cooperation as we work to enhance our community.

Sincerely,

The Board of Directors of Creekside Estates South Metropolitan District