Well 203 Community Workshop

May 23, 2019
EMWD Overview

Established in 1950

Serves: Water / Wastewater / Recycled

Wholesale & Retail

Population: 825,000+

Square Mile Service Area: 555

Almost 38% Currently Built Out
EMWD’s Water Supply Portfolio

138,099 AF *

- **Colorado River and State Water Project from MWD**: 51%
- **Recycled Water**: 34%
- **Groundwater**: 10%
- **Desalters**: 5%

* Local Supplies: 49%

* Imported Supplies: 51%

* Source: EMWD Comprehensive Annual Financial Report, FY Ending 2018
Groundwater Reliability Plus

Groundwater

Recycled Water

Desalination Program

Groundwater Reliability Plus

Water Use Efficiency Program

Healthy Sewers Program

Water Banking

Purified Water Replenishment
EMWD Groundwater Wells

- As part of our ongoing efforts to secure the most economical water available, EMWD is expanding the District’s groundwater recharge and recovery facilities to reduce costs associated with imported water supplies.

In dry years, banked water from wet years would be used to meet water demands.
EMWD Well 203 Project
Well 203

- Groundwater in the San Jacinto Groundwater Basin is high quality.
- EMWD along with other local agencies own a number of wells throughout the valley.
- After a 2-year search, the site for Well 203 was sold to us from an adjacent neighbor in 2017.
- The site was chosen due to the hydrogeology conditions of the area and its location to the recharge basin which is located approximately 2500 feet away.
Well Drilling External Visual
Well Drilling Internal Visual
EMWD Completed Well Site

*Pictured is a new groundwater well constructed next to an adjacent home*
Temporary Impacts

- Community Aesthetics
  - Sound wall / Drill Rig

- Noise / Vibration
  - Noise during drilling
  - Noise during construction
  - Minimal vibration may be experienced

- Increased truck traffic
  - Material Deliveries
## Well 203 Drilling Anticipated Schedule

<table>
<thead>
<tr>
<th>Activity</th>
<th>Estimated Duration</th>
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</thead>
<tbody>
<tr>
<td>Pipeline Construction (Beginning May 13)</td>
<td>3 - 4 Weeks</td>
</tr>
<tr>
<td>Initial Drilling (Cycle 1 ~ Beginning May 28)</td>
<td>2 - 3 Weeks*</td>
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<tr>
<td>Material Delivery (No Drilling)</td>
<td>2 Weeks</td>
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<tr>
<td>Final Drilling (Cycle 2)</td>
<td>2 – 3 Weeks*</td>
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<tr>
<td>Well Construction</td>
<td>1 Week*</td>
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<tr>
<td>Groundwater Pumping Preparation</td>
<td>3 Weeks*</td>
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<tr>
<td>Drill Rig Removal</td>
<td>1 Week</td>
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<tr>
<td>Pump Testing</td>
<td>1 Week*</td>
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<tr>
<td>Sound Wall Removal /Site Clean-Up and Demobilize</td>
<td>3 Weeks</td>
</tr>
<tr>
<td>Phase II- Well Equipping and Site Completion</td>
<td>Begins 12/2019</td>
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</tbody>
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Schedules are approximate

(*) Identifies 24/7 Work
Contact Information

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