Capital Improvement Program Quarterly Report

FY 2019/2020 - Quarter 2

Delivering value to our customers and the communities we serve by providing safe, reliable, economical and environmentally sustainable water, wastewater and recycled water services.
# Capital Improvement Program Quarterly Report

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Purpose of Report

Eastern Municipal Water District (EMWD) is future-focused. Therefore, we plan for and construct state-of-the-art facilities and infrastructure in order to meet the dynamic and growing water treatment and delivery, wastewater collection and treatment, and recycled water delivery needs of EMWD’s 555 square mile service area. This extensive and robust infrastructure is developed with well-managed and cost-effective solutions at the forefront throughout the planning, design, and construction process.

EMWD’s Capital Improvement Program (CIP) is a 5-year snapshot of our long-term Capital Improvement Plan document which contains all of the water treatment and delivery, wastewater collection and treatment, and recycled water distribution system capital improvements that are needed to support the buildout of existing jurisdictional General Plans throughout our service area.

The CIP relies on the Capital Improvement Plan document and Facility Master Plans for our water, wastewater, and recycled water systems to identify the improvements needed, establish when they will be needed and provide updated estimates of their costs. The funding needed to support EMWD’s short and long-term expansion of the systems is summarized in the CIP. The CIP also schedules the necessary construction by project year and aligns the financing necessary to meet this schedule.

The projects in the CIP are tracked during the current year and the entire five year program is reviewed and revised on an annual basis. During the annual review, projects are added, deferred or deleted based on current growth projections and any newly identified requirements are prioritized into the respective future years. This report provides highlights of completed projects from the past quarter as well as an overview of current active projects.

Rendering of Perris II Desalter, currently under construction
## Construction Projects Completed
### FY 2019 / 2020 — Quarter 2

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Completed</th>
<th>Total Project Cost</th>
<th>Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quail Valley Wastewater Pipeline - Phase I (Sub-Area 9)</td>
<td>July 2019</td>
<td>$10,536,000</td>
<td>Menifee</td>
</tr>
<tr>
<td>Wells 94, 95, and 96 Drilling</td>
<td>August 2019</td>
<td>$5,240,000</td>
<td>Nuevo</td>
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<tr>
<td>Regional Water Reclamation Facilities Disinfection System</td>
<td>September 2019</td>
<td>$5,186,000</td>
<td>Moreno Valley, Perris and San Jacinto</td>
</tr>
<tr>
<td>Conversion</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sunnymead Effluent Pipeline - Cathodic Protection</td>
<td>September 2019</td>
<td>$1,154,000</td>
<td>Perris</td>
</tr>
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<td>Temecula Valley Regional Water Reclamation Facility Optimization</td>
<td>September 2019</td>
<td>$1,655,000</td>
<td>Temecula</td>
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<tr>
<td>Alessandro Pond Optimization - Phase I</td>
<td>October 2019</td>
<td>$1,800,000</td>
<td>San Jacinto</td>
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<tr>
<td>Desalitech Concentrator Demonstration</td>
<td>November 2019</td>
<td>$744,000</td>
<td>Menifee</td>
</tr>
<tr>
<td>Sun City Lift Station Electrical Upgrade</td>
<td>November 2019</td>
<td>$3,982,000</td>
<td>Menifee</td>
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<tr>
<td>Indian Street Recycled Water Pipeline</td>
<td>December 2019</td>
<td>$521,000</td>
<td>Moreno Valley</td>
</tr>
</tbody>
</table>

## Actual Cost to Budget Cost
### FY 2019 / 2020

**Actual Cost to Budgeted Cost FY 19/20**

- **Q1:** $19M
- **Q2:** $45M
- **Q3:** $45M
- **Q4:** $25M
- **Total:** $91M
- **Total:** $67M
- **Total:** $45M
- **Total:** $25M
- **Total:** $19M
Capital Improvement Program Summary
2019 – 2024 Overview

FY 2019 / 2020 Overview

<table>
<thead>
<tr>
<th>PROJECT TYPE</th>
<th>COUNT</th>
<th>2019 – 20 (Million)</th>
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<tbody>
<tr>
<td>WATER</td>
<td>68</td>
<td>$40.3 M</td>
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<tr>
<td>WASTEWATER</td>
<td>61</td>
<td>$26.4 M</td>
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<tr>
<td>RECYCLED</td>
<td>20</td>
<td>$14.6 M</td>
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<tr>
<td>GENERAL</td>
<td>7</td>
<td>$10 M</td>
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<tr>
<td>TOTAL</td>
<td>156</td>
<td>$91.3 M</td>
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