



**LOS ANGELES COUNTY  
SANITATION DISTRICTS**  
*Converting Waste Into Resources*

# **CAPITAL IMPROVEMENT PLAN**

Summary of all Capital Projects

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Fiscal Year 2024-25

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## Water Reclamation Plants

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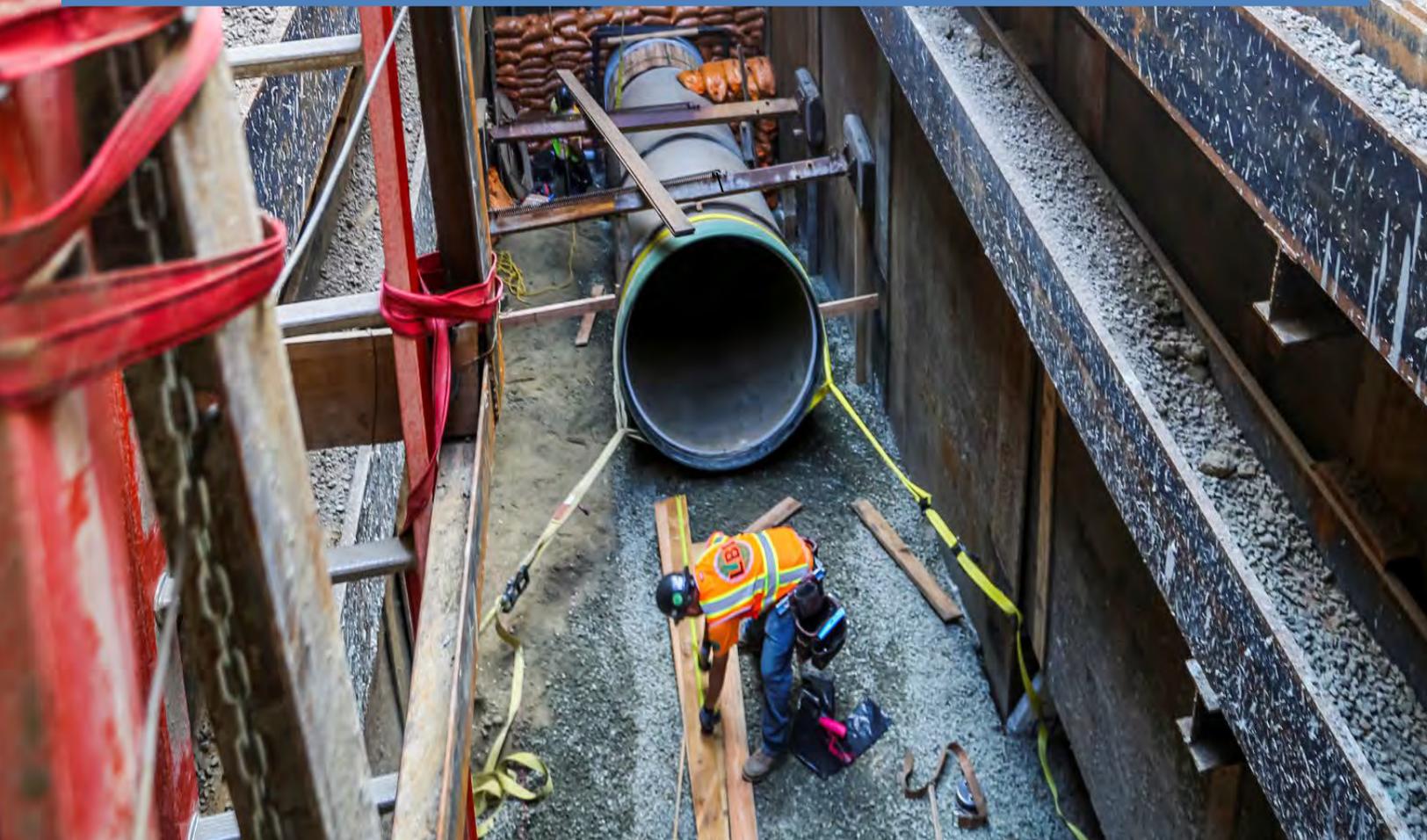


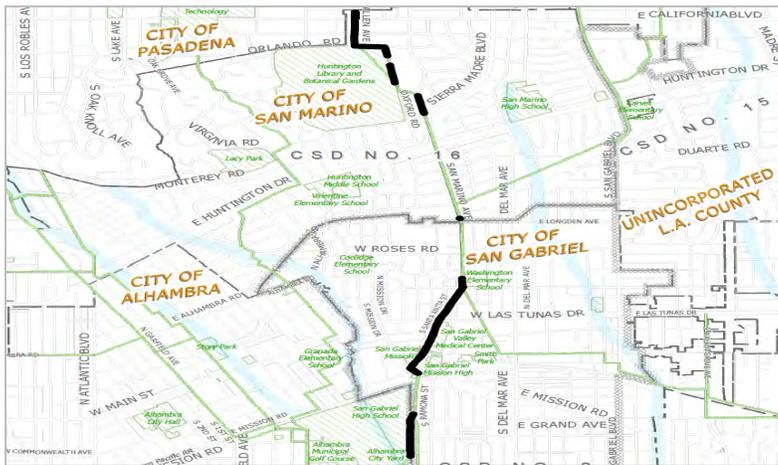
# WASTEWATER





**WASTEWATER**  
Sewer Rehabilitation/Relocation Projects





|                                    |   |
|------------------------------------|---|
| <b>Facility:</b>                   | Gravity                                     |
| <b>Status:</b>                     | Construction                                |
| <b>District:</b>                   | Joint Outfall                               |
| <b>Project Location:</b>           | Alhambra, Pasadena, San Gabriel, San Marino |
| <b>Responsible Section:</b>        | Construction Management                     |
| <b>Total Project Budget:</b>       | \$3,000,000                                 |
| <b>Construction Contract Cost:</b> | \$1,643,353                                 |
| <b>Funding Source(s):</b>          | 1077 - JO Capital                           |
| <b>Project Start Date:</b>         | 07/01/2020                                  |
| <b>Project End Date:</b>           | 09/30/2024                                  |
|                                    | <b>Finishing Project in FY24/25</b>         |

**Description**

Rehabilitation of corroded sewer

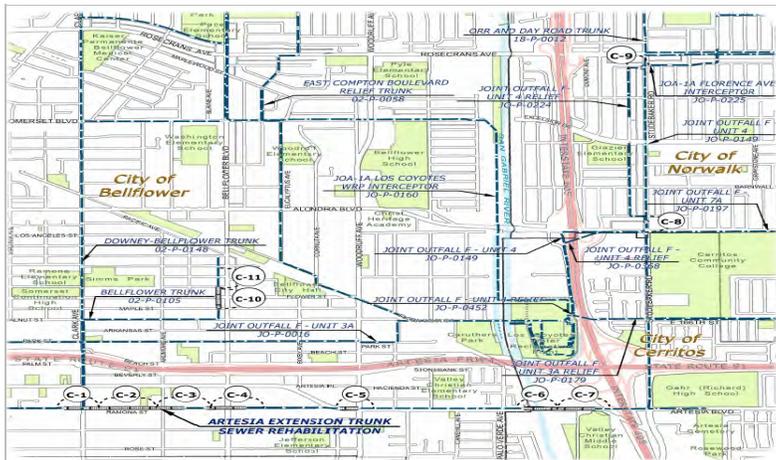
**Justification**

This project will rehabilitate approximately 9,993 feet of 15- through 24-inch VCP, NRCP, and RCP of the Allen Avenue Trunk Sewer with CIPP liner and rehabilitate 46 adjacent manholes and structures with a protective coating system. See 2020 Capital Improvement Plan Report for reach by reach information and condition ratings, and Work Scope Memo (DOC# 6352113) for project detail.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$2,800,000     | \$200,000 | \$0     | \$0     | \$0     | \$0                | \$3,000,000          |

\* Through June 30, 2024



|                                    |                                     |
|------------------------------------|-------------------------------------|
| <b>Facility:</b>                   | Gravity                             |
| <b>Status:</b>                     | Construction                        |
| <b>District:</b>                   | Joint Outfall                       |
| <b>Project Location:</b>           | Bellflower, Cerritos, Norwalk       |
| <b>Responsible Section:</b>        | Construction Management             |
| <b>Total Project Budget:</b>       | \$3,600,000                         |
| <b>Construction Contract Cost:</b> | \$2,882,197                         |
| <b>Funding Source(s):</b>          | 1077 - JO Capital                   |
| <b>Project Start Date:</b>         | 07/01/2020                          |
| <b>Project End Date:</b>           | 09/30/2024                          |
|                                    | <b>Finishing Project in FY24/25</b> |

**Description**

Rehabilitation of corroded sewer

**Justification**

This sewer has 3,426 feet of 18 to 27-inch VCP and RCP with broken rebar, missing pipe, and longitudinal cracks longer than joint to joint. The areas in the worst condition are the downleg sections of a double-barrel RCP siphon between MHs 5 and 132. Although there is a 15-inch airline, it appears the turbulence caused by the connection with the Bellflower Trunk is causing corrosion to occur at this particular location. The corrosion is limited to a small area just above the water line; however, the pipe is deeply corroded beyond rebar and soil is visible. This siphon was constructed by LA County Flood Control District in 1962. The sewer was approved for construction in 1931.

Per the Work Scope Memo (DOC 6178900), this project will rehabilitate approximately 801 feet of 10- and 21-inch VCP, and 27-inch RCP with a Condition Rating (CR) 1 and approximately 3,817 feet of 12-, 18- and 21-inch diameter VCP, and 27-inch diameter RCP with a CR 2 along the Artesia Extension Trunk Sewer. This project will also rehabilitate approximately 299 feet of 33-inch diameter vitrified clay lined reinforced concrete pipe (RCP- CTL) on the Downey-Bellflower Trunk with a CR 2, and 68 feet of 27-inch diameter RCP with a CR 3. This project will also rehabilitate 38 manholes with moderate to severe corrosion with a protective coating system.

After the WSM was finalized two reaches along Joint Outfall F - Unit 4 Relief Trunk Sewer, totaling 159 feet of 39-inch CR 2 RCP (including one single-barrel siphon), were added to the project to be rehabilitated using CIPP. Additionally, 646 feet of CR 1 10-inch VCP along the Bellflower Trunk Sewer were also added to this project to be rehabilitated using CIPP. There are seven additional MHs along these two reaches that will be rehabilitated using a protective coating.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$3,300,000     | \$300,000 | \$0     | \$0     | \$0     | \$0                | \$3,600,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Construction  
**District:** Joint Outfall  
**Project Location:** Baldwin Park  
**Responsible Section:** Construction Management

**Total Project Budget:** \$3,400,000  
**Construction Contract Cost:** \$2,647,933  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 06/20/2022  
**Project End Date:** 06/30/2025  
**Finishing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

**Justification**

This project will rehabilitate approximately 10,107 feet of 15- through 18-inch diameter non-reinforced concrete pipe (NRCP) that are assigned Condition Ratings of 2 and 3.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$2,500,000     | \$900,000 | \$0     | \$0     | \$0     | \$0                | \$3,400,000          |

\* Through June 30, 2024



|                                     |  |
|-------------------------------------|--|
| <b>Facility:</b>                    | Gravity                                    |
| <b>Status:</b>                      | Construction                               |
| <b>District:</b>                    | Joint Outfall                              |
| <b>Project Location:</b>            | Covina, Glendora, Unincorporated LA County |
| <b>Responsible Section:</b>         | Construction Management                    |
| <b>Total Project Budget:</b>        | \$3,000,000                                |
| <b>Construction Contract Cost:</b>  | \$2,196,752                                |
| <b>Funding Source(s):</b>           | 1077 - JO Capital                          |
| <b>Project Start Date:</b>          | 06/20/2022                                 |
| <b>Project End Date:</b>            | 08/31/2024                                 |
| <b>Finishing Project in FY24/25</b> |  |

**Description**

Rehabilitation of corroded sewer

**Justification**

This project will rehabilitate approximately 13,586 feet of 12- through 15-inch diameter non-reinforced concrete pipe (NRCP) that are assigned Condition Ratings of 2 and 3.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$1,600,000     | \$1,400,000 | \$0     | \$0     | \$0     | \$0                | \$3,000,000          |

\* Through June 30, 2024



|                                      |                   |
|--------------------------------------|-------------------|
| <b>Facility:</b>                     | Gravity           |
| <b>Status:</b>                       | Construction      |
| <b>District:</b>                     | Joint Outfall     |
| <b>Project Location:</b>             | Lynwood           |
| <b>Responsible Section:</b>          | Sewer Design      |
| <b>Total Project Budget:</b>         | \$5,900,000       |
| <b>Construction Contract Cost:</b>   |                   |
| <b>Funding Source(s):</b>            | 1077 - JO Capital |
| <b>Project Start Date:</b>           | 07/01/2022        |
| <b>Project End Date:</b>             | 06/30/2026        |
| <b>Continuing Project in FY24/25</b> |                   |

**Description**

Rehabilitation of corroded sewer

**Justification**

This project will rehabilitate approximately 5,171 feet of 24- through 48-inch RCP of the California Avenue Extension Trunk Sewer with CIPP liner and rehabilitate 15 adjacent manholes and structures with a protective coating system. This project will also rehabilitate approximately 10 feet of 30-in RCP of the California Avenue Extension Trunk Sewer with concrete top encasement. See 2021 Capital Improvement Plan Report for reach by reach information and condition ratings, and Work Scope Memo (DOC# 6681572) for project detail.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|---------|---------|--------------------|----------------------|
| \$330,000       | \$4,000,000 | \$1,570,000 | \$0     | \$0     | \$0                | \$5,900,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Construction  
**District:** Joint Outfall  
**Project Location:** Pomona  
**Responsible Section:** Construction Management

**Total Project Budget:** \$2,700,000  
**Construction Contract Cost:** \$2,312,345  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2022  
**Project End Date:** 06/30/2025  
**Finishing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

**Justification**

The project will rehabilitate approximately 893 feet of existing 36-inch diameter reinforced concrete pipe (RCP) on the Chino Basin Wastewater Line, and 1,072 feet of existing 27-inch diameter and 436 feet of existing 24-inch diameter RCP on the District 21 Outfall Trunk Sewer with cured-in-place pipe (CIPP) liners. In addition, this project will rehabilitate approximately twenty (20) existing manholes with a protective coating system. The project is located in the City of Pomona.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$1,050,000     | \$1,650,000 | \$0     | \$0     | \$0     | \$0                | \$2,700,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Construction  
**District:** Joint Outfall  
**Project Location:** Los Angeles  
**Responsible Section:** Construction Management

**Total Project Budget:** \$4,600,000  
**Construction Contract Cost:** \$3,749,240  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 01/01/2023  
**Project End Date:** 06/30/2025  
**Finishing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

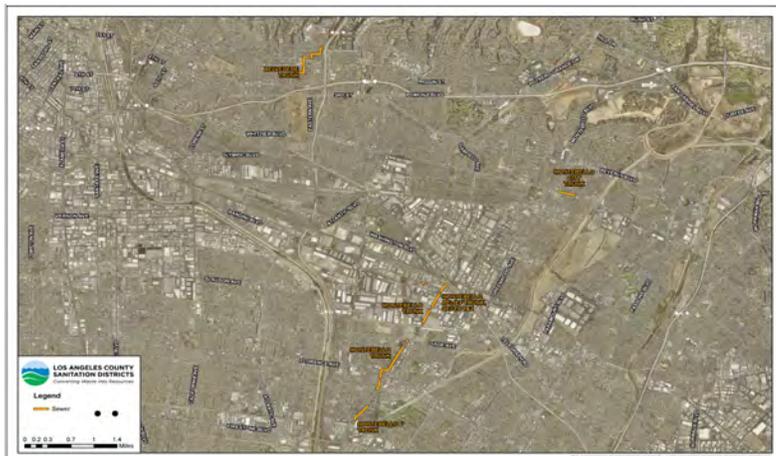
**Justification**

Project will rehabilitate approximately 15,390 feet of 10- through 18-inch diameter non-reinforced concrete pipe (NRCP) that are assigned Condition Ratings of 2 and 3.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$1,799,000     | \$2,801,000 | \$0     | \$0     | \$0     | \$0                | \$4,600,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Construction  
**District:** Joint Outfall  
**Project Location:** Bell Gardens, Los Angeles, Montebello  
**Responsible Section:** Construction Management

**Total Project Budget:** \$5,900,000  
**Construction Contract Cost:** \$5,289,304  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 01/01/2023  
**Project End Date:** 06/30/2026  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

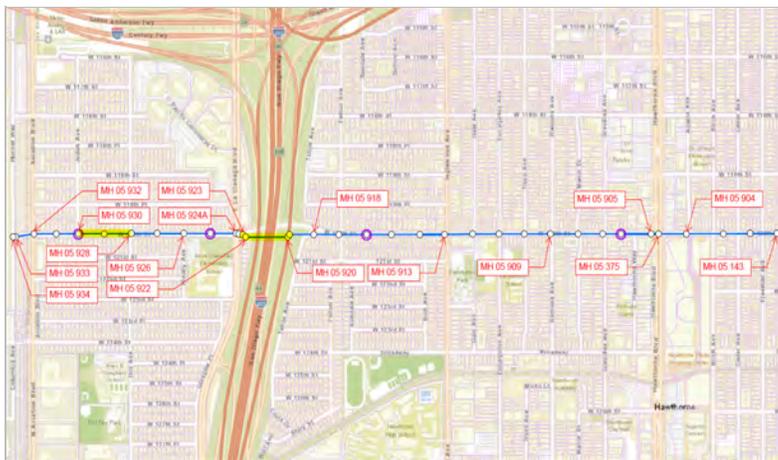
**Justification**

Project will rehabilitate approximately 14,294 feet of 12- through 21-inch diameter non-reinforced concrete pipe (NRCP) and 582 feet of 18- through 24-inch diameter reinforced concrete pipe (RCP) that are assigned Condition Ratings of 2 and 3.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|---------|---------|--------------------|----------------------|
| \$407,000       | \$3,000,000 | \$2,493,000 | \$0     | \$0     | \$0                | \$5,900,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Construction  
**District:** Joint Outfall  
**Project Location:** Hawthorne  
**Responsible Section:** Construction Management

**Total Project Budget:** \$3,200,000  
**Construction Contract Cost:** \$2,457,626  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 01/01/2023  
**Project End Date:** 06/30/2026  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

**Justification**

Project will rehabilitate approximately 10,937 feet of 10- through 15-inch diameter non-reinforced concrete pipe (NRCP) that are assigned Condition Ratings of 2 and 3.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26   | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-----------|---------|---------|--------------------|----------------------|
| \$232,000       | \$2,450,000 | \$518,000 | \$0     | \$0     | \$0                | \$3,200,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Construction  
**District:** Joint Outfall  
**Project Location:** El Monte, Monrovia, San Gabriel, Temple City  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$4,100,000

**Construction Contract Cost:**

**Funding Source(s):** 1077 - JO Capital

**Project Start Date:** 01/01/2023

**Project End Date:** 06/30/2026

**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

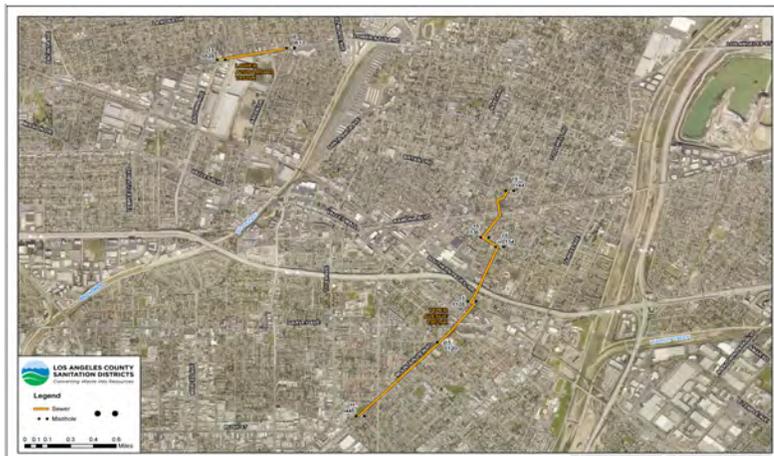
**Justification**

Project will rehabilitate approximately 13,133 feet of 12- through 24-inch diameter non-reinforced concrete pipe (NRCP) that are assigned Condition Ratings of 2 and 3. Project will also rehabilitate approximately 58 manholes with a protective coating system.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|---------|---------|--------------------|----------------------|
| \$376,000       | \$2,000,000 | \$1,724,000 | \$0     | \$0     | \$0                | \$4,100,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Construction  
**District:** Joint Outfall  
**Project Location:** El Monte  
**Responsible Section:** Construction Management

**Total Project Budget:** \$3,500,000  
**Construction Contract Cost:** \$2,746,739  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 01/01/2023  
**Project End Date:** 06/30/2025  
**Finishing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

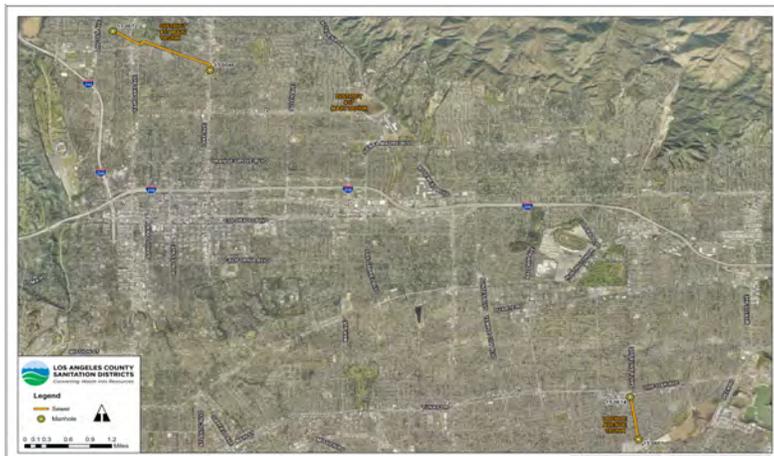
**Justification**

Project will rehabilitate approximately 13,563 feet of 15- through 18-inch diameter non-reinforced concrete pipe (NRCP) that are assigned Condition Ratings of 2, 3, and 4. Project will also rehabilitate approximately 53 manholes with a protective coating system.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$584,000       | \$2,916,000 | \$0     | \$0     | \$0     | \$0                | \$3,500,000          |

\* Through June 30, 2024



|                                    |                                     |
|------------------------------------|-------------------------------------|
| <b>Facility:</b>                   | Gravity                             |
| <b>Status:</b>                     | Construction                        |
| <b>District:</b>                   | Joint Outfall                       |
| <b>Project Location:</b>           | Altadena, Pasadena, Temple City     |
| <b>Responsible Section:</b>        | Construction Management             |
| <b>Total Project Budget:</b>       | \$3,900,000                         |
| <b>Construction Contract Cost:</b> | \$3,127,974                         |
| <b>Funding Source(s):</b>          | 1077 - JO Capital                   |
| <b>Project Start Date:</b>         | 01/01/2023                          |
| <b>Project End Date:</b>           | 06/30/2025                          |
|                                    | <b>Finishing Project in FY24/25</b> |

**Description**

Rehabilitation of corroded sewer

**Justification**

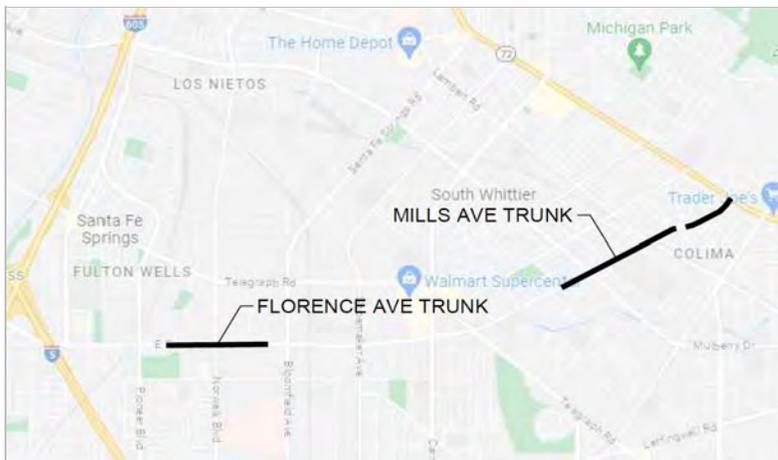
Project will rehabilitate approximately 9,678 feet of 10- through 21-inch diameter non-reinforced concrete pipe (NRCP) that are assigned Condition Ratings of 1, 2, and 3. Project will also rehabilitate approximately 48 manholes with a protective coating system.

Project will also rehabilitate 5 reaches consisting of approximately 2,184 feet of 24-inch diameter reinforced concrete pipe (RCP) between MHs 17 0052 and 17 0046 and approximately 4 additional manholes associated with these reaches.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$556,000       | \$3,344,000 | \$0     | \$0     | \$0     | \$0                | \$3,900,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Construction  
**District:** Joint Outfall  
**Project Location:** Whittier  
**Responsible Section:** Construction Management

**Total Project Budget:** \$2,900,000  
**Construction Contract Cost:** \$2,051,875  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 01/01/2023  
**Project End Date:** 06/30/2025  
**Finishing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

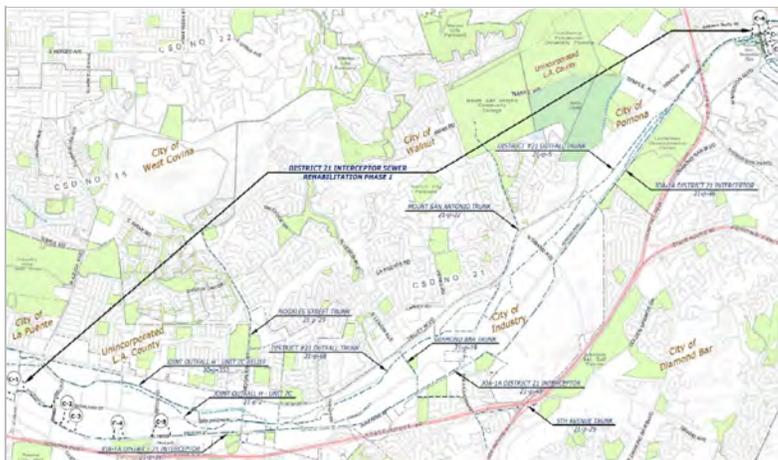
**Justification**

Project will rehabilitate approximately 9,671 feet of 12- through 18-inch diameter non-reinforced concrete pipe (NRCP) that are assigned Condition Ratings of 2, 3, and 4. Project will also rehabilitate approximately 41 manholes with a protective coating system.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$796,000       | \$2,104,000 | \$0     | \$0     | \$0     | \$0                | \$2,900,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Construction  
**District:** Joint Outfall  
**Project Location:** Industry, Pomona  
**Responsible Section:** Construction Management

**Total Project Budget:** \$6,140,000  
**Construction Contract Cost:** \$4,096,941  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2019  
**Project End Date:** 06/30/2025  
**Finishing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

**Justification**

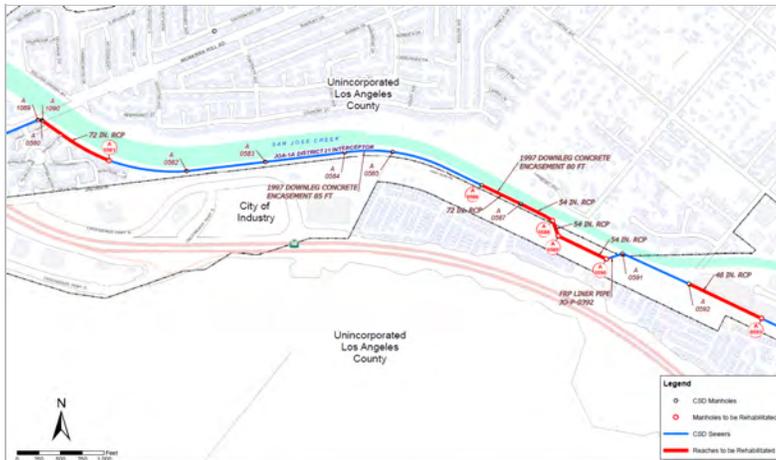
This section of sewer has 4,051 feet of 33-72 inch diameter RCP with areas of broken rebar and ribcage effect. The reaches in the worst condition are located between MHs 708 to 709, 709 to 710, and 713 to 714. Many of the reaches requiring rehabilitation are located adjacent to or in between siphons that do not have airlines or have undersized airlines. Past rehabilitation projects have top encased the downleg portion of several siphons. Many sections have also been relocated due to construction of storm drains and grade separation projects. See condition report dated June 2002 (DMS# 3704777) for a listing of siphons that have been top encased and/or relocated. This sewer was approved for construction between 1969 to 1980. See RFIR for listing of reach by reach information and condition ratings.

Per the Work Scope Memo (DOC 5676751), this project will rehabilitate approximately 3,052 feet of existing 33- through 54-inch RCP with fiberglass reinforced liner pipe, cured-in-place (CIPP) liners and concrete encasement. The project will also rehabilitate approximately 18 manholes using protective coatings.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$4,545,000     | \$1,595,000 | \$0     | \$0     | \$0     | \$0                | \$6,140,000          |

\* Through June 30, 2024



|                                      |                                    |
|--------------------------------------|------------------------------------|
| <b>Facility:</b>                     | District Trunk line                |
| <b>Status:</b>                       | Design Development                 |
| <b>District:</b>                     | Joint Outfall                      |
| <b>Project Location:</b>             | Industry, Unincorporated LA County |
| <b>Responsible Section:</b>          | Sewer Design                       |
| <b>Total Project Budget:</b>         | \$15,775,000                       |
| <b>Construction Contract Cost:</b>   |                                    |
| <b>Funding Source(s):</b>            | 1077 - JO Capital                  |
| <b>Project Start Date:</b>           | 07/01/2022                         |
| <b>Project End Date:</b>             | 06/30/2027                         |
| <b>Continuing Project in FY24/25</b> |                                    |

**Description**

Rehabilitation of corroded sewer

**Justification**

This project is the second of two phases to rehabilitate the District 21 Interceptor Sewer. The Phase 2 project will rehabilitate approximately 5,400 feet of existing 42-, 48-, 54-, and 72-inch diameter concrete pipe sewer with a sliplining fiberglass reinforced liner pipe with Condition Ratings of 2 and 3. The project will also rehabilitate approximately 270 feet of existing 48-, 51- and 72-inch diameter concrete pipe sewer with a concrete encasement. The majority of the Phase 2 reaches are located within private right-of-way including a reach in Army Corps of Engineer's right-of-way and will require more time with the property owners for coordinating access during construction. See final Work Scope Memo (DMS 6837102) for details on the scope of work for Phase 2.

Due to a utility conflict, the rehabilitation of the siphon upleg between MH A 0631 and MH A 0632 is being removed from the Phase I contract and will be added to Phase 2. Costs for CIPP rehabilitation and an above ground bypass will be added to the budget.

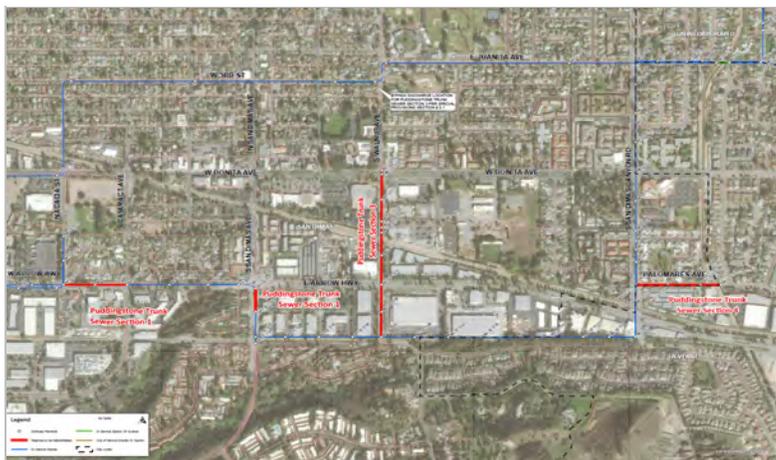
In addition, per DSC-0003, WCS added three sewer (siphon) reaches to the 2022 CIP and requested that rehabilitation of the following reaches be added to this project: 1) MHs A 0602 and A 0601; 2) MHs A 0641 and A 0640; and 3) MHs A 0642B and A 0642A.

In addition, per DSC-0004, WCS added three sewer reaches to the 2024 CIP and requested that rehabilitation of the following reaches be added to this project: 1) MHs A 0636 and A 0637; 2) MHs A 0585 and A 0586; and 3) MHs A 0584 and A 0585.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|-------------|---------|--------------------|----------------------|
| \$165,000       | \$200,000 | \$8,955,000 | \$6,455,000 | \$0     | \$0                | \$15,775,000         |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Construction  
**District:** Joint Outfall  
**Project Location:** San Dimas  
**Responsible Section:** Construction Management

**Total Project Budget:** \$2,650,000  
**Construction Contract Cost:** \$1,970,379  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 06/30/2022  
**Project End Date:** 06/30/2025  
**Finishing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

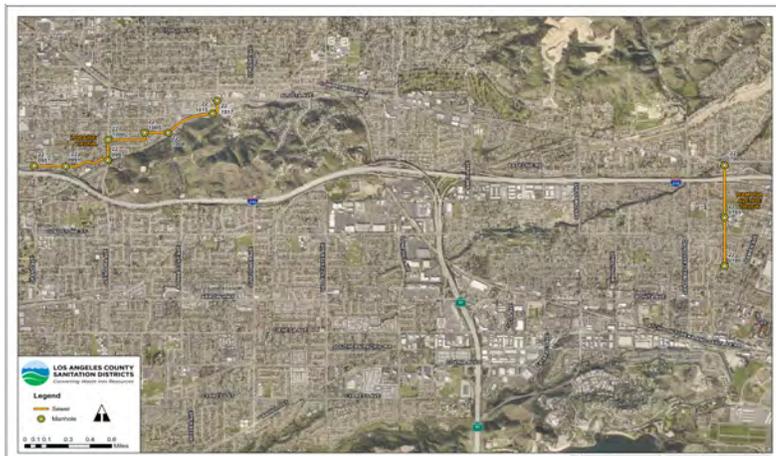
**Justification**

This project will rehabilitate approximately 11,486 feet of 12- through 15-inch diameter non-reinforced concrete pipe (NRCP) that are assigned Condition Ratings of 2 and 3.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$1,200,000     | \$1,450,000 | \$0     | \$0     | \$0     | \$0                | \$2,650,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Construction  
**District:** Joint Outfall  
**Project Location:** Glendora, San Dimas  
**Responsible Section:** Construction Management

**Total Project Budget:** \$4,300,000  
**Construction Contract Cost:** \$3,163,156  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 01/01/2023  
**Project End Date:** 06/30/2026  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

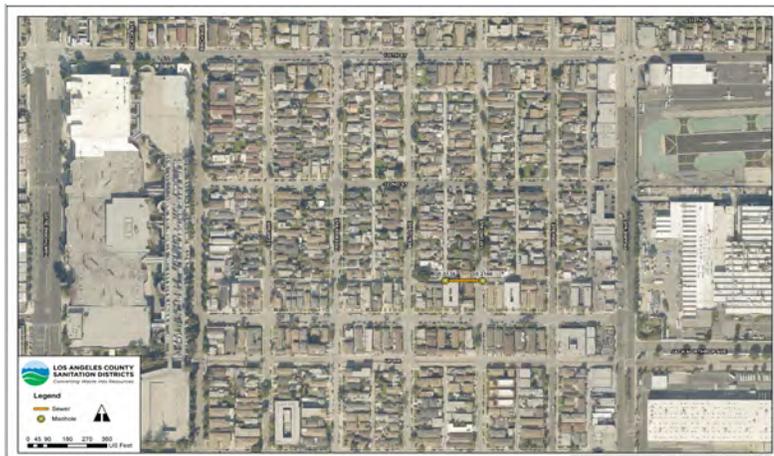
**Justification**

Project will rehabilitate approximately 15,338 feet of 12- through 15-inch diameter non-reinforced concrete pipe (NRCP) that are assigned Condition Ratings of 2, 3, and 4. Project will also rehabilitate approximately 61 manholes with a protective coating system.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|---------|---------|--------------------|----------------------|
| \$683,000       | \$2,470,000 | \$1,147,000 | \$0     | \$0     | \$0                | \$4,300,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** Hawthorne  
**Responsible Section:** Sewer Design  
  
**Total Project Budget:** \$9,800,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2027  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

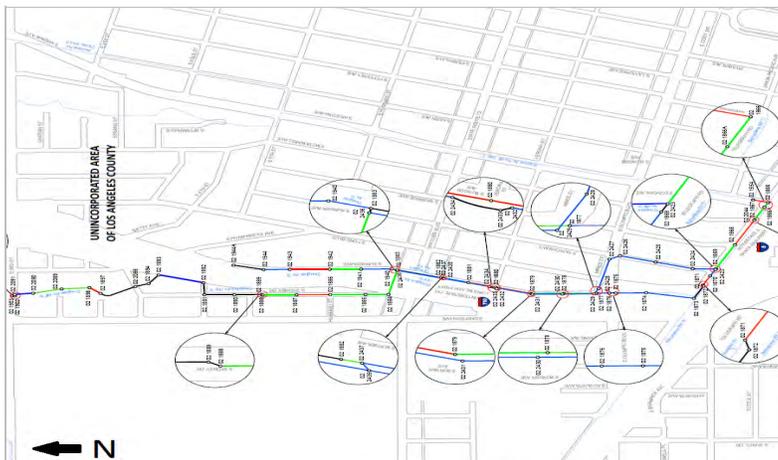
**Justification**

This project will rehabilitate approximately 13,055 feet of 30-inch through 42-inch RCP sewer.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|-------------|---------|--------------------|----------------------|
| \$100,000       | \$300,000 | \$1,400,000 | \$8,000,000 | \$0     | \$0                | \$9,800,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Construction  
**District:** Joint Outfall  
**Project Location:** Commerce, Unincorporated LA County  
**Responsible Section:** Construction Management

**Total Project Budget:** \$1,600,000  
**Construction Contract Cost:** \$1,126,334  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2021  
**Project End Date:** 06/30/2025  
**Finishing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

**Justification**

This project will rehabilitate approximately 4,995 feet of 8-,10- and 12-inch diameter vitrified clay pipe (VCP), non-reinforced concrete pipe (NRCP), and cast-iron pipe (CIP) sewers with cured-in place pipe (CIPP) liners and thirty (30) adjacent manholes with a protective coating system on the Douglas Avenue Trunk Sewer, Douglas Avenue Relief Trunk Sewer, and Douglas Avenue Relocation Trunk Sewer. This project is located in the City of Commerce and in unincorporated areas of Los Angeles County.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$650,000       | \$950,000 | \$0     | \$0     | \$0     | \$0                | \$1,600,000          |

\* Through June 30, 2024



|                                    |                                      |
|------------------------------------|--------------------------------------|
| <b>Facility:</b>                   | Gravity                              |
| <b>Status:</b>                     | Construction                         |
| <b>District:</b>                   | Joint Outfall                        |
| <b>Project Location:</b>           | Cerritos, Lakewood                   |
| <b>Responsible Section:</b>        | Sewer Design                         |
| <b>Total Project Budget:</b>       | \$1,300,000                          |
| <b>Construction Contract Cost:</b> | \$1,248,744                          |
| <b>Funding Source(s):</b>          | 1077 - JO Capital                    |
| <b>Project Start Date:</b>         | 07/01/2023                           |
| <b>Project End Date:</b>           | 06/30/2026                           |
|                                    | <b>Continuing Project in FY24/25</b> |

**Description**

Rehabilitation of corroded sewer

**Justification**

This project will rehabilitate approximately 2,398 feet of 18- to 21-inch VCP, ACP, and RCP sewer pipes along East Artesia Trunk Sewer with CIPP liners and adjacent eleven (11) manholes with a protective coating system such as calcium aluminate cement or polyurethane. Part of this project is within a school property and may need to be completed during the summer break period.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|---------|---------|--------------------|----------------------|
| \$200,000       | \$600,000 | \$500,000 | \$0     | \$0     | \$0                | \$1,300,000          |

\* Through June 30, 2024



|                                     |                         |
|-------------------------------------|-------------------------|
| <b>Facility:</b>                    | Gravity                 |
| <b>Status:</b>                      | Post Construction       |
| <b>District:</b>                    | Joint Outfall           |
| <b>Project Location:</b>            | Redondo Beach           |
| <b>Responsible Section:</b>         | Construction Management |
| <b>Total Project Budget:</b>        | \$3,050,000             |
| <b>Construction Contract Cost:</b>  | \$2,517,310             |
| <b>Funding Source(s):</b>           | 1077 - JO Capital       |
| <b>Project Start Date:</b>          | 08/01/2022              |
| <b>Project End Date:</b>            | 06/30/2025              |
| <b>Finishing Project in FY24/25</b> |                         |

**Description**

Rehabilitation of corroded sewer

**Justification**

This project will rehabilitate approximately 11,196 feet of 12- through 18-inch diameter non-reinforced concrete pipe (NRCP) that are assigned Condition Ratings of 2 and 3.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$1,700,000     | \$1,350,000 | \$0     | \$0     | \$0     | \$0                | \$3,050,000          |

\* Through June 30, 2024



|                                    |  |
|------------------------------------|--|
| <b>Facility:</b>                   | Gravity                                |
| <b>Status:</b>                     | Post Construction                      |
| <b>District:</b>                   | Joint Outfall                          |
| <b>Project Location:</b>           | Hawaiian Gardens, Lakewood, Long Beach |
| <b>Responsible Section:</b>        | Construction Management                |
| <b>Total Project Budget:</b>       | \$320,000                              |
| <b>Construction Contract Cost:</b> | \$190,144                              |
| <b>Funding Source(s):</b>          | 1077 - JO Capital                      |
| <b>Project Start Date:</b>         | 07/01/2021                             |
| <b>Project End Date:</b>           | 06/30/2025                             |
|                                    | <b>Finishing Project in FY24/25</b>    |

**Description**

Rehabilitation of corroded sewer

**Justification**

This project will rehabilitate approximately 1,293 feet of 12-inch diameter VCP between MHs C 0376 and 19 0077 and rehabilitate five (5) manholes on the Elaine Avenue Trunk Sewer. The project is located in the City of Lakewood. See RFIR for listing of reach by reach information and condition ratings.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$120,000       | \$200,000 | \$0     | \$0     | \$0     | \$0                | \$320,000            |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** La Cañada Flintridge  
**Responsible Section:** Wastewater Collection Systems  
  
**Total Project Budget:** \$400,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 01/01/2024  
**Project End Date:** 12/30/2025  
**New Project in FY24/25**

**Description**

Improvements to sewer

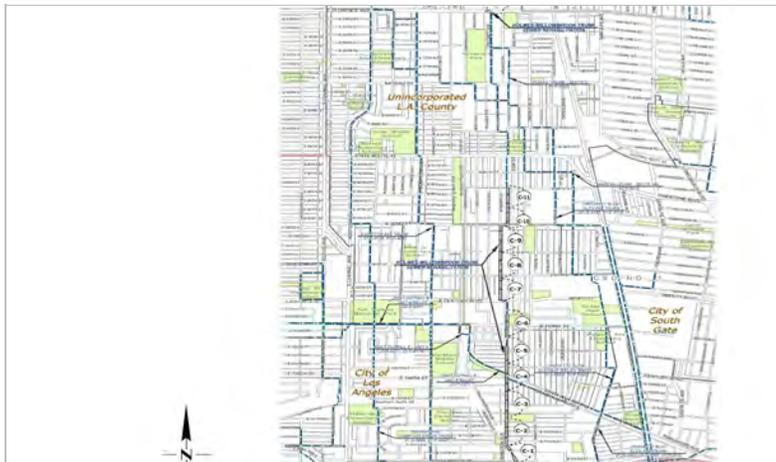
**Justification**

This project will repair a sag in the Foothill Boulevard Main Trunk located approximately 130 ft downstream of MH 28 0084 and extending to approximately 10 ft beyond MH 28 0083. The sag length is approximately 90 ft. The sag is located in an area of Foothill Boulevard where a ravine was filled in for the roadway. There is significant settlement in the roadway above the old ravine and the City of La Canada Flintridge is working with a geotechnical engineer to stabilize the ground surface. The sewer will be repaired once the soil is stabilized.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|---------|---------|--------------------|----------------------|
| \$0             | \$300,000 | \$100,000 | \$0     | \$0     | \$0                | \$400,000            |

\* Through June 30, 2024



|                                    |                                       |
|------------------------------------|---------------------------------------|
| <b>Facility:</b>                   | Gravity                               |
| <b>Status:</b>                     | Construction                          |
| <b>District:</b>                   | Joint Outfall                         |
| <b>Project Location:</b>           | Los Angeles, Unincorporated LA County |
| <b>Responsible Section:</b>        | Construction Management               |
| <b>Total Project Budget:</b>       | \$3,300,000                           |
| <b>Construction Contract Cost:</b> | \$2,290,495                           |
| <b>Funding Source(s):</b>          | 1077 - JO Capital                     |
| <b>Project Start Date:</b>         | 07/01/2020                            |
| <b>Project End Date:</b>           | 06/30/2025                            |
|                                    | <b>Finishing Project in FY24/25</b>   |

**Description**

Rehabilitation of corroded sewer

**Justification**

This project will rehabilitate 9,329 feet of existing 8- to 18-inch diameter NRCP and VCP on the Holmes-Willowbrook Trunk Sewer, the Bullis Road-Temple Street Trunk Sewer, and the Joint Outfall G Unit 8 Trunk Sewer with CIPP liner due to longitudinal cracks, surface spalling, and severe exposed aggregate. The project will also rehabilitate 59 adjacent manholes with a protective coating system, and all appurtenant work. See Condition Report and Design Request Memo (DOC 5754418) and the Work Scope Memo (DOC 6201040) for additional information.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$860,000       | \$2,440,000 | \$0     | \$0     | \$0     | \$0                | \$3,300,000          |

\* Through June 30, 2024



|                                      |                                  |
|--------------------------------------|----------------------------------|
| <b>Facility:</b>                     | Gravity                          |
| <b>Status:</b>                       | Construction                     |
| <b>District:</b>                     | Joint Outfall                    |
| <b>Project Location:</b>             | Carson, Unincorporated LA County |
| <b>Responsible Section:</b>          | Construction Management          |
| <b>Total Project Budget:</b>         | \$9,700,000                      |
| <b>Construction Contract Cost:</b>   | \$8,682,606                      |
| <b>Funding Source(s):</b>            | 1077 - JO Capital                |
| <b>Project Start Date:</b>           | 07/01/2020                       |
| <b>Project End Date:</b>             | 06/30/2026                       |
| <b>Continuing Project in FY24/25</b> |                                  |

**Description**

Rehabilitation of corroded sewer

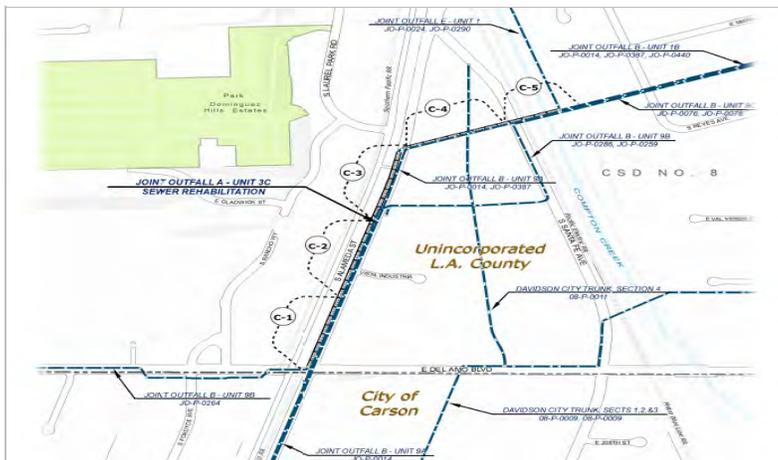
**Justification**

This Project consists of rehabilitation of approximately 3,098 feet of existing 78-inch semi-elliptical clay tile (SE CLT) reinforced concrete pipe (RCP) between MHs A 1247 and G 0097 with Fiberglass Reinforced Polymer (FRP) liner pipe and/or a protective liner and rehabilitate eight (8) manholes with a protective coating system. For more information, see Work Scope Memo (DOC# 6533607). See the WCS-CIP Report (previously RFIR) for listing of reach-by-reach information and condition ratings.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|---------|---------|--------------------|----------------------|
| \$1,080,000     | \$6,220,000 | \$2,400,000 | \$0     | \$0     | \$0                | \$9,700,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** Carson, Unincorporated LA County  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$10,100,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2027  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

**Justification**

This project is the second of two phases to rehabilitate the Joint Outfall A Unit 3C Trunk Sewer. The Phase III project will rehabilitate approximately 4,258 feet of 78-inch diameter semi-elliptical RCP by sliplining between MHs A 0034 and A 0039 and rehabilitation of two (2) manholes (A 0035 and A 0036) with Condition Ratings of 2 and 3.

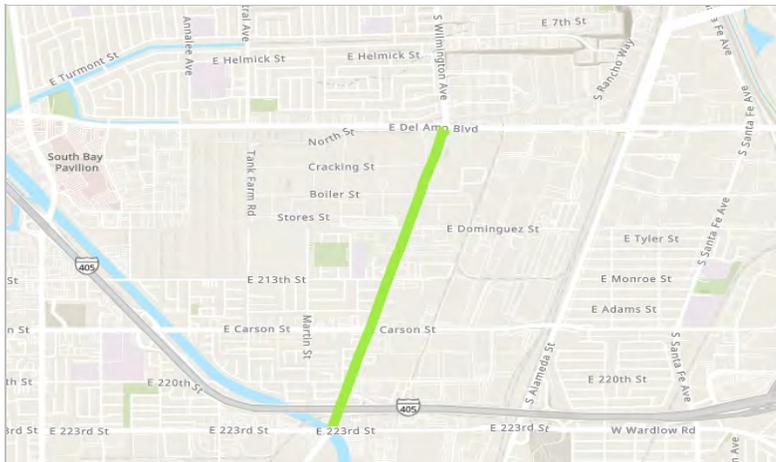
The Phase II project which is currently in design, has been prioritized to rehabilitate the CR 1 sewer reaches. (See CIP Project JO-p-0469/ERP Project No. 1000889). See condition report and Design Request Memo dated January 7, 2020 (DMS# 5403189) reach by reach information and condition ratings. This sewer was approved for construction between 1927 and 1940.

See final Work Scope Memo (DMS 6533607) for details on the scope of work for both phases of the project.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|-------------|---------|--------------------|----------------------|
| \$100,000       | \$350,000 | \$6,000,000 | \$3,650,000 | \$0     | \$0                | \$10,100,000         |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** Carson  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$19,300,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2024  
**Project End Date:** 06/30/2028  
**New Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

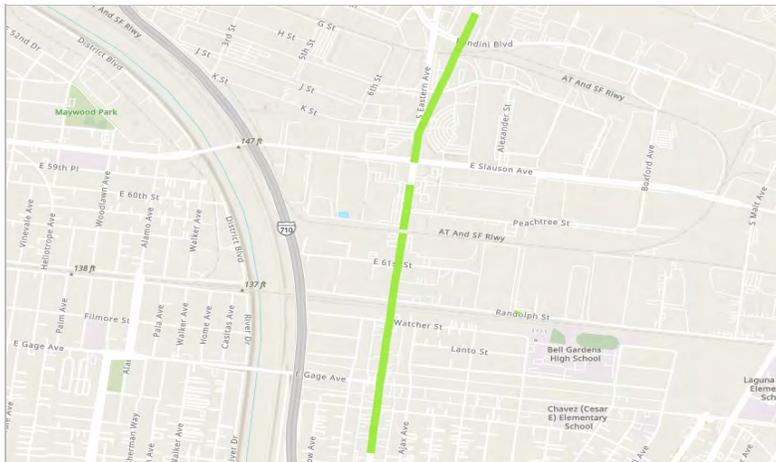
**Justification**

This project will rehabilitate approximately 8,349 feet of 66-inch diameter semi-elliptical reinforced concrete clay-tile-lined sewer constructed in 1928 and that are difficult to inspect. Wastewater Collection Systems coordinated review of this project with Sewer Design, and it was agreed to add this project to the CIP with a July 2024 start date.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27     | 2027-28      | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-------------|--------------|--------------------|----------------------|
| \$0             | \$150,000 | \$150,000 | \$9,000,000 | \$10,000,000 | \$0                | \$19,300,000         |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** Bell, Bell Gardens, Commerce  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$11,150,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2024  
**Project End Date:** 06/30/2028  
**New Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

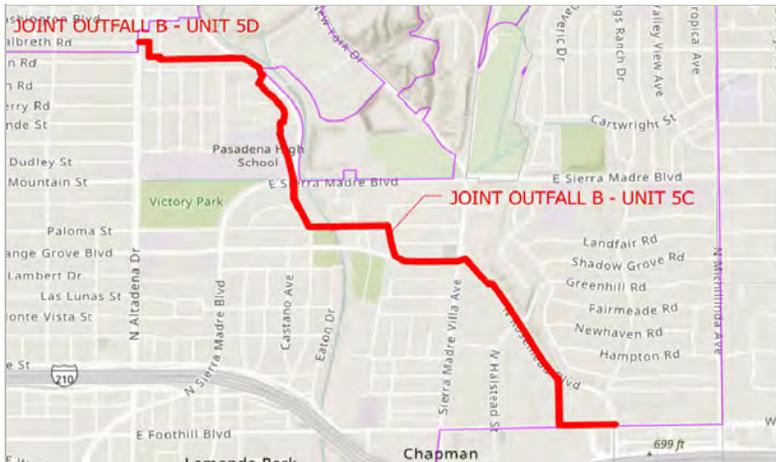
**Justification**

This project will rehabilitate approximately 9,362 feet of 39- and 42-inch diameter reinforced concrete clay-tile-lined sewer constructed in 1928 with Condition Ratings of 2, 3 and 4 and with some difficult to inspect reaches. Wastewater Collection Systems coordinated review of this project with Sewer Design, and it was agreed to add this project to the CIP with a July 2024 start date.

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26  | 2026-27     | 2027-28     | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|----------|-------------|-------------|--------------------|----------------------|
| \$0             | \$75,000 | \$75,000 | \$5,000,000 | \$6,000,000 | \$0                | \$11,150,000         |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Construction  
**District:** Joint Outfall  
**Project Location:** Pasadena  
**Responsible Section:** Construction Management

**Total Project Budget:** \$3,680,000  
**Construction Contract Cost:** \$2,974,488  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2022  
**Project End Date:** 06/30/2025  
**Finishing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

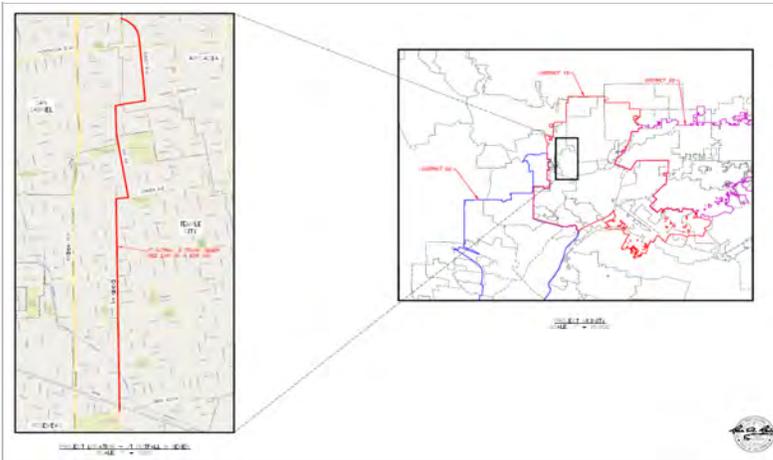
**Justification**

This project will rehabilitate approximately 9,316 feet of 12- through 21-inch diameter non-reinforced concrete pipe (NRCP) that are assigned Condition Ratings of 2.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$2,910,000     | \$770,000 | \$0     | \$0     | \$0     | \$0                | \$3,680,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Construction  
**District:** Joint Outfall  
**Project Location:** Arcadia, Rosemead, San Gabriel, Temple City  
**Responsible Section:** Construction Management

**Total Project Budget:** \$6,100,000

**Construction Contract Cost:** \$5,376,658

**Funding Source(s):** 1077 - JO Capital

**Project Start Date:** 07/01/2022

**Project End Date:** 06/30/2025

**Finishing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

**Justification**

This project will rehabilitate approximately 14,014 feet of 18-inch & 21-inch diameter non-reinforced concrete pipe (NRCP) that are assigned Condition Ratings of 2 and 3.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$4,300,000     | \$1,800,000 | \$0     | \$0     | \$0     | \$0                | \$6,100,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** Baldwin Park, Los Angeles, Mayflower Village, Pasadena, South Pasadena  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$2,500,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 01/01/2023  
**Project End Date:** 06/30/2026  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

**Justification**

Project will rehabilitate approximately 7,898 feet of 15- through 24-inch diameter non-reinforced and reinforced concrete pipe (NRCP and RCP) that are assigned Condition Ratings of 2, 3, and 4. Project will also rehabilitate 31 manholes with a protective coating system.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|---------|---------|--------------------|----------------------|
| \$422,000       | \$1,000,000 | \$1,078,000 | \$0     | \$0     | \$0                | \$2,500,000          |

\* Through June 30, 2024



|                                    |                                      |
|------------------------------------|--------------------------------------|
| <b>Facility:</b>                   | Gravity                              |
| <b>Status:</b>                     | Construction                         |
| <b>District:</b>                   | Joint Outfall                        |
| <b>Project Location:</b>           | Carson                               |
| <b>Responsible Section:</b>        | Sewer Design                         |
| <b>Total Project Budget:</b>       | \$11,000,000                         |
| <b>Construction Contract Cost:</b> |                                      |
| <b>Funding Source(s):</b>          | 1077 - JO Capital                    |
| <b>Project Start Date:</b>         | 07/01/2020                           |
| <b>Project End Date:</b>           | 06/30/2026                           |
|                                    | <b>Continuing Project in FY24/25</b> |

**Description**

Rehabilitation of corroded sewer

**Justification**

This is the last of three phases to rehabilitate the 144-inch RCP Joint Outfall "B" Unit 1A Trunk Sewer. Phase 1, which was completed in 2017, rehabilitated approximately 5,061 feet of sewer by sliplining with FRP pipe between MHs B926 and B2, and between MHs B13 and B925. Phase 2 will rehabilitate approximately 6,474 feet of sewer between MHs B2 and B8 and will be added to the CIP as a separate project. Phase 3 will rehabilitate approximately 3,185 feet of sewer between MHs B8 and B13. Overall the sewer includes 14,720 feet of 144-inch RCP with visible rebar and severe exposed aggregate. The sewer has corrosion with a depth of concrete penetration up to 3.5-inches. The elliptical steel has as little as 1/4-inch of concrete cover. Structural Design has recommended a structural repair for the sewer reaches in Phases 2 and 3. See Condition Reports by Carayon (DMS# 2568121) dated April 2013, by Won Hui dated August 1987, by Fong dated November 1995, by Badia dated February 1995 and by Trott and Tatalovich (DMS# 539256) dated September 2005. This Sewer was approved for construction in 1953 and 1954. See the latest RFIR for listing of reach by reach information and condition ratings.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|---------|---------|--------------------|----------------------|
| \$425,000       | \$1,500,000 | \$9,075,000 | \$0     | \$0     | \$0                | \$11,000,000         |

\* Through June 30, 2024



|                                     |                   |
|-------------------------------------|-------------------|
| <b>Facility:</b>                    | Gravity           |
| <b>Status:</b>                      | Construction      |
| <b>District:</b>                    | Joint Outfall     |
| <b>Project Location:</b>            | Pico Rivera       |
| <b>Responsible Section:</b>         | Sewer Design      |
| <b>Total Project Budget:</b>        | \$7,500,000       |
| <b>Construction Contract Cost:</b>  | \$4,647,000       |
| <b>Funding Source(s):</b>           | 1077 - JO Capital |
| <b>Project Start Date:</b>          | 07/01/2020        |
| <b>Project End Date:</b>            | 06/30/2025        |
| <b>Finishing Project in FY24/25</b> |                   |

**Description**

Improvements to sewer

**Justification**

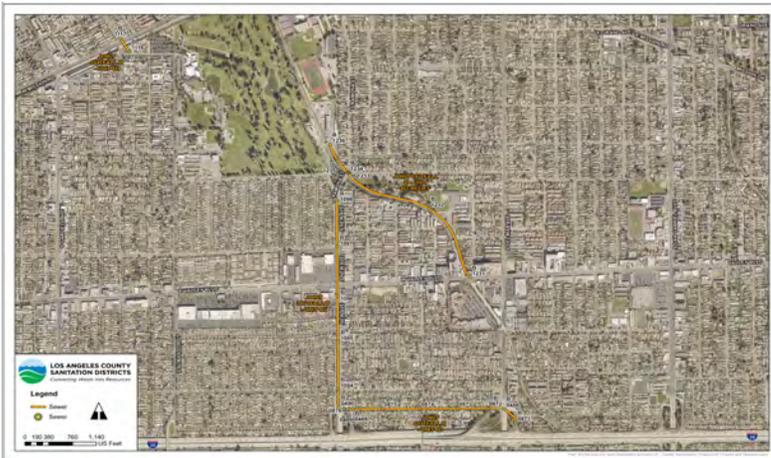
The project will construct cross-connections between the Joint Outfall B Unit 1D Trunk Sewer and the Joint Outfall B Unit 1C Replacement Trunk Sewer near the intersection of Paramount and Olympic in the City of Pico Rivera. Under dry weather conditions, the cross-connections will prevent mixing of the JO "B" and JO "H" systems at this confluence, helping to segregate the lower and higher quality flows into separate sewers. Under wet weather or emergency conditions, flow will be diverted to relieve any hydraulic capacity or emergency issues in the downstream sewers.

The rehabilitation of sewer reaches on the JOB-1D TS in Paramount Boulevard, Gallatin Road, and Acacia Road in Pico Rivera is proceeding as a separate project (JO-p-488). The relocation of the IW connection for Suez Water Technologies and the construction of the automated flow control structure in the City of Downey will be included in a future discrete project titled Los Coyotes WRP Interceptor Sewer Connection (JO-p-507).

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$1,330,000     | \$6,170,000 | \$0     | \$0     | \$0     | \$0                | \$7,500,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Construction  
**District:** Joint Outfall  
**Project Location:** Alhambra, San Gabriel  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$7,500,000  
**Construction Contract Cost:** \$6,389,450  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2022  
**Project End Date:** 06/30/2026  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

**Justification**

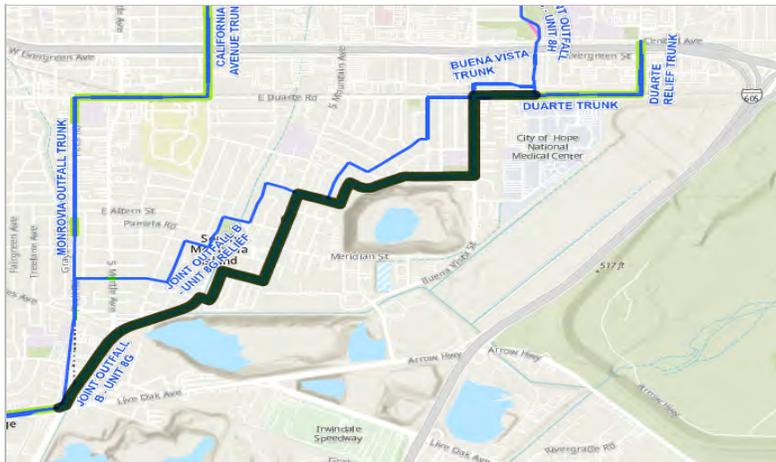
This project is the second of two phases to rehabilitate the JOB-6G, JOB-6G Relief, JOB-6D and JOB-6H sewers. The Phase 2 project will rehabilitate approximately 9,996 feet of existing 36-inch diameter NRCP and RCP sewer with a cured in place pipe with Condition Ratings of 2 and 3. The project will also rehabilitate approximately 35 feet of existing 27-inch diameter RCP sewer with a concrete encasement.

See final Work Scope Memo (DMS 6864753) for details on the scope of work for Phase 2.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|---------|---------|--------------------|----------------------|
| \$265,000       | \$5,500,000 | \$1,735,000 | \$0     | \$0     | \$0                | \$7,500,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** Duarte, Irwindale, Monrovia, Unincorporated LA County  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$6,750,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 06/01/2023  
**Project End Date:** 06/30/2026  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

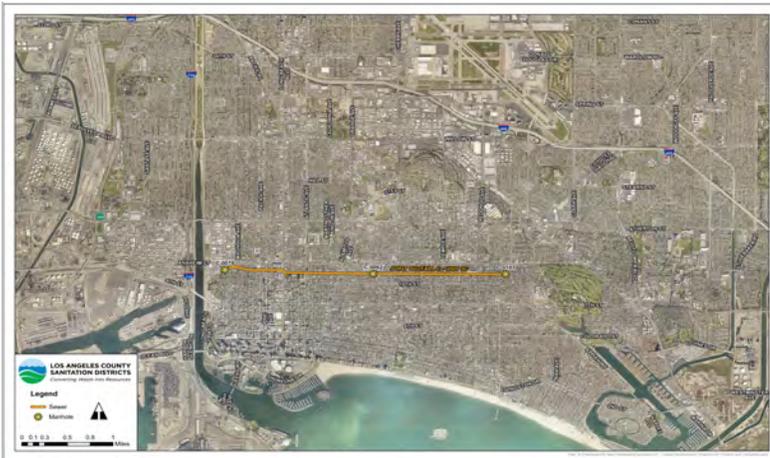
**Justification**

Project will rehabilitate approximately 21,553 feet of 12- through 30-inch diameter non-reinforced concrete pipe (NRCP) that are assigned Condition Ratings of 2, 3, and 4. Project will also rehabilitate approximately 78 manholes with a protective coating system.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|---------|---------|--------------------|----------------------|
| \$200,000       | \$1,000,000 | \$5,550,000 | \$0     | \$0     | \$0                | \$6,750,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** Long Beach  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$11,250,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2028  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

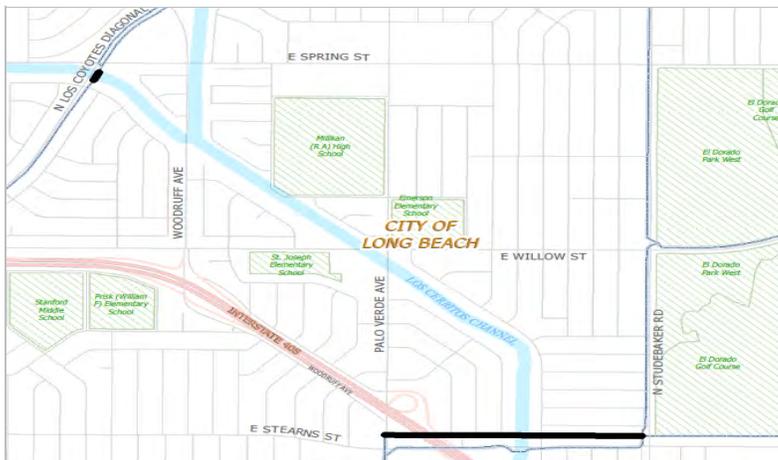
**Justification**

This project will rehabilitate approximately 4,685 feet of 60-inch diameter reinforced concrete sewer that have been assigned a Condition Rating 2 or 3 and have been identified as high-risk as part of the Districts' Sewer Risk Rating Model.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27     | 2027-28     | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-------------|-------------|--------------------|----------------------|
| \$10,000        | \$120,000 | \$250,000 | \$5,000,000 | \$5,870,000 | \$0                | \$11,250,000         |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Construction  
**District:** Joint Outfall  
**Project Location:** Long Beach  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$1,600,000  
**Construction Contract Cost:** \$983,293  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2026  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

**Justification**

This project will rehabilitate approximately 2,591 feet of 24-inch diameter reinforced concrete sewer that have been assigned a Condition Rating 2 or 3 and have been identified as high-risk as part of the Districts' Sewer Risk Rating Model. This project will also rehabilitate a 120 foot double barrel non-reinforced concrete pipe siphon (15- and 21-inch diameters) on the Joint Outfall C Unit 6A Trunk Sewer.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|---------|---------|--------------------|----------------------|
| \$100,000       | \$200,000 | \$1,300,000 | \$0     | \$0     | \$0                | \$1,600,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Construction  
**District:** Joint Outfall  
**Project Location:** Long Beach, Los Alamitos  
**Responsible Section:** Construction Management

**Total Project Budget:** \$11,800,000  
**Construction Contract Cost:** \$10,849,200  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2022  
**Project End Date:** 06/30/2025  
**Finishing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

**Justification**

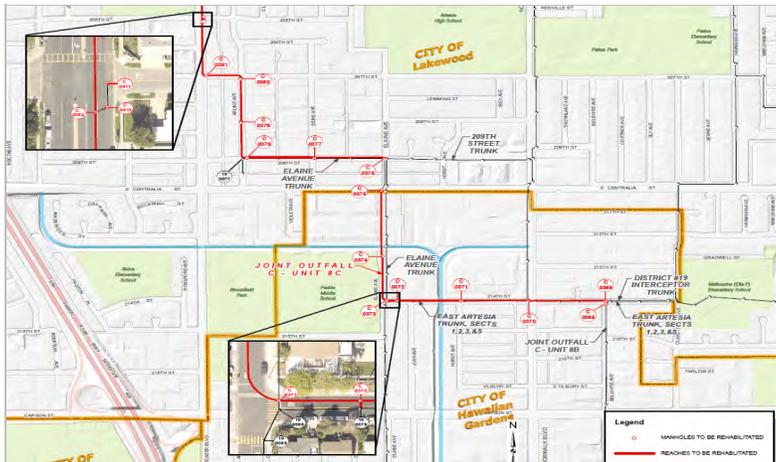
This project will rehabilitate approximately 7,408 feet of 39- and 42-inch RCP with concrete corrosion with rebar visible and repair a void near MH C 0350. The sewer alignment is along the north side of Coyote Creek, includes multiple curves between MHs and is difficult to inspect. Several sewer reaches are greater than 800 feet and MH access is limited because of residential backyard locations and CCTV vehicle access can only be made from the Coyote Creek access road. Approximately four (4) new MHs will be constructed to provide better access to the sewer for future maintenance access.

Per the Work Scope Memo (DOC 6628969), this project will rehabilitate approximately 3,386 feet of 42-inch RCP with a Condition Rating (CR) 1 and approximately 3,946 feet of 42-inch diameter RCP with a CR 2 along the Joint Outfall C Unit 8A Trunk Sewer as well as approximately 210 feet of 39-inch RCP siphon with a CR 1 on the Joint Outfall C Unit 8B Trunk Sewer (between manholes C 0356 and C 0357).

**Budget Projections**

| Budget to Date* | 2024-25      | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|--------------|---------|---------|---------|--------------------|----------------------|
| \$1,200,000     | \$10,600,000 | \$0     | \$0     | \$0     | \$0                | \$11,800,000         |

\* Through June 30, 2024



|                                      |                            |
|--------------------------------------|----------------------------|
| <b>Facility:</b>                     | Gravity                    |
| <b>Status:</b>                       | Design Development         |
| <b>District:</b>                     | Joint Outfall              |
| <b>Project Location:</b>             | Lakewood, Hawaiian Gardens |
| <b>Responsible Section:</b>          | Sewer Design               |
| <b>Total Project Budget:</b>         | \$7,200,000                |
| <b>Construction Contract Cost:</b>   |                            |
| <b>Funding Source(s):</b>            | 1077 - JO Capital          |
| <b>Project Start Date:</b>           | 07/01/2022                 |
| <b>Project End Date:</b>             | 06/30/2026                 |
| <b>Continuing Project in FY24/25</b> |                            |

**Description**

Rehabilitation of corroded sewer

**Justification**

This project will rehabilitate approximately 8,073 feet of 27- through 36-inch reinforced concrete pipe (RCP) that are assigned a Condition Rating of 2 and 3. CCTV inspections from March and April 2022 show that infiltration from high groundwater is prevalent along the sewers' alignment, especially in the RCP pipe sections

Per the Work Scope Memo (DOC 6626215), this project will rehabilitate 8,073 feet of 21-, 27-, 33- and 36-inch RCP with cured-in-place pipe liner and twenty-seven (27) manholes with a protective coating.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|---------|---------|--------------------|----------------------|
| \$525,000       | \$1,000,000 | \$5,675,000 | \$0     | \$0     | \$0                | \$7,200,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** Carson  
**Responsible Section:** Civil and Mechanical Design

**Total Project Budget:** \$1,500,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2022  
**Project End Date:** 06/30/2026  
**Continuing Project in FY24/25**

**Description**

Improvements to sewer

**Justification**

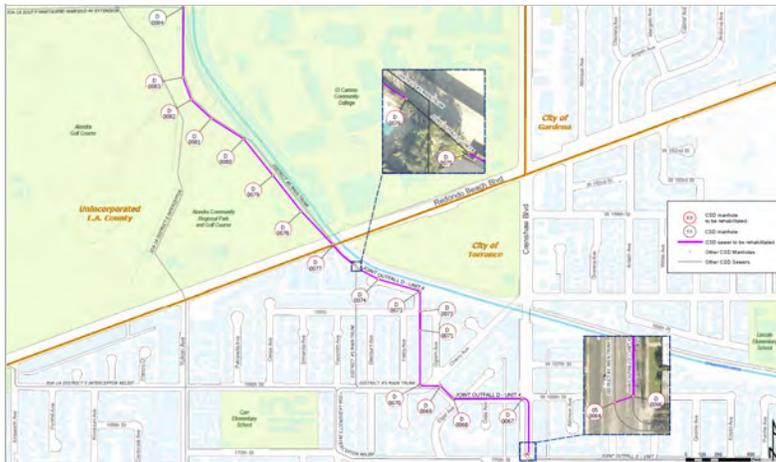
Odors along JOD-1B have been and continue to be an issue due to a trapped air shed caused by a headspace restriction at MH D145. This headspace restriction prevents the foul air from being conveyed downstream, which causes the sewer to develop positive pressures and force foul air through Districts' and local manholes. This sewer alone exceeds the level of service of less than 5 odor complaints per year for the JOD system as specified in the SSMP.

This project consists of constructing a 30,000 cfm odor control facility to treat foul air from the JOD-1B, JOD-1C, JOD-7, JOJ-2A and District 5 Interceptor sewers. It is recommended that the design of this Odor Control Station consists of a two-stage biotrickling filter and activated carbon scrubber system with full redundancies.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|---------|---------|--------------------|----------------------|
| \$100,000       | \$500,000 | \$900,000 | \$0     | \$0     | \$0                | \$1,500,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** Torrance  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$10,710,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2027  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

**Justification**

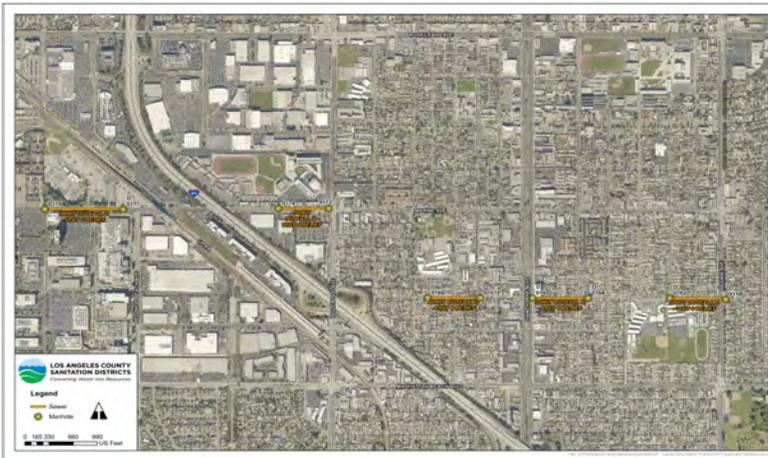
The recommended scope for the project includes the rehabilitation of approximately 7,857 feet of 27- to 54-inch diameter RCP sewer on the Joint Outfall D Unit 4 Trunk Sewer, District 5 Interceptor Trunk Sewer and Main Street Relief Trunk Sewer with CIPP liners and rehabilitation of 31 adjacent manholes and structures with a protective coating system.

The CIP budget will be increased from current CIP budget of \$7.4M based on estimated sewer rehab of \$20/in/ft to \$10.71M due to higher cost associated with rehabilitation of larger diameter sewers (\$29/in/ft). See Work Scope Memo (DOC 6984236) for more detailed information.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|-------------|---------|--------------------|----------------------|
| \$300,000       | \$500,000 | \$3,225,000 | \$6,685,000 | \$0     | \$0                | \$10,710,000         |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** Lawndale, Redondo Beach  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$13,250,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2027  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

**Justification**

The recommended scope for the project includes the rehabilitation of approximately 15,023 feet of 33- to 39- inch diameter RCP sewer on the Joint Outfall D Unit 6 Trunk Sewer and the Joint Outfall D Unit 6 Relief Trunk Sewer with CIPP liners and rehabilitation of 46 manholes and structures with a protective coating system.

The CIP budget will be increased from the current CIP budget of \$7.4M based on the estimated sewer rehab cost of \$20/in-ft to \$13.25M due to higher cost associated with rehabilitation of larger diameter sewers (\$23.5/in-ft) and increased scope of work due to addition of the reaches between MHs D 111 and D 116. See Work Scope Memo (DOC 6986226) for more detailed information.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|-------------|---------|--------------------|----------------------|
| \$100,000       | \$200,000 | \$8,000,000 | \$4,950,000 | \$0     | \$0                | \$13,250,000         |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Construction  
**District:** Joint Outfall  
**Project Location:** Long Beach, Unincorporated LA County  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$9,500,000  
**Construction Contract Cost:** \$6,131,557  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2022  
**Project End Date:** 06/30/2026  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

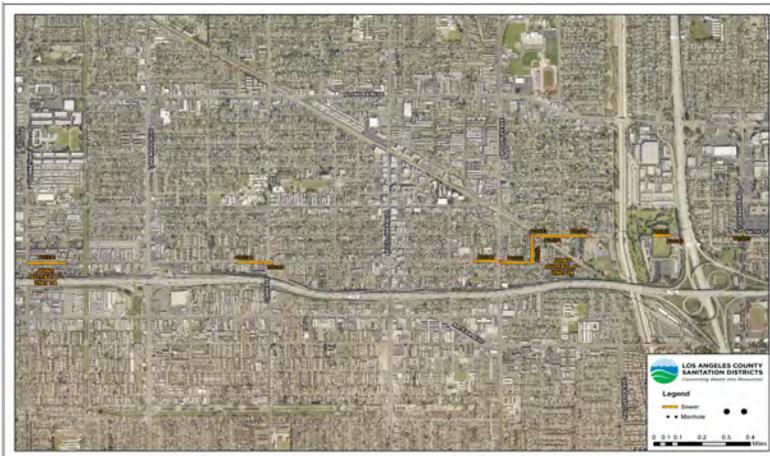
**Justification**

This Project consists of rehabilitation of approximately 3,953 feet of existing 69-inch diameter reinforced concrete pipe (RCP) between MHs F 0023 and F 0032 with Fiberglass Reinforced Polymer (FRP) liner pipe. The project will also rehabilitate six (6) manholes with a cured in place fiberglass lining system, abandon three (3) manholes and construct one (1) new manhole. For more information, see Work Scope Memo (DOC# 6736136). See the WCS-CIP Report (previously RFIR) for listing of reach-by-reach information and condition ratings.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|---------|---------|--------------------|----------------------|
| \$440,000       | \$3,000,000 | \$6,060,000 | \$0     | \$0     | \$0                | \$9,500,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** Bellflower  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$26,000,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2028  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

**Justification**

This project will rehabilitate approximately 14,183 feet of 60-inch RCP of the Joint Outfall F Unit 3A Trunk Sewer by sliplining, rehabilitate 39 adjacent manholes and structures with a protective coating system and construct a bulkhead in MH F77. See 2022 Condition Report (DOC# 6818006) for reach by reach information and condition ratings, and Work Scope Memo (DOC# 7126806) for project detail.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27      | 2027-28      | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|--------------|--------------|--------------------|----------------------|
| \$70,000        | \$300,000 | \$430,000 | \$15,000,000 | \$10,200,000 | \$0                | \$26,000,000         |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** Norwalk  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$6,000,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2027  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

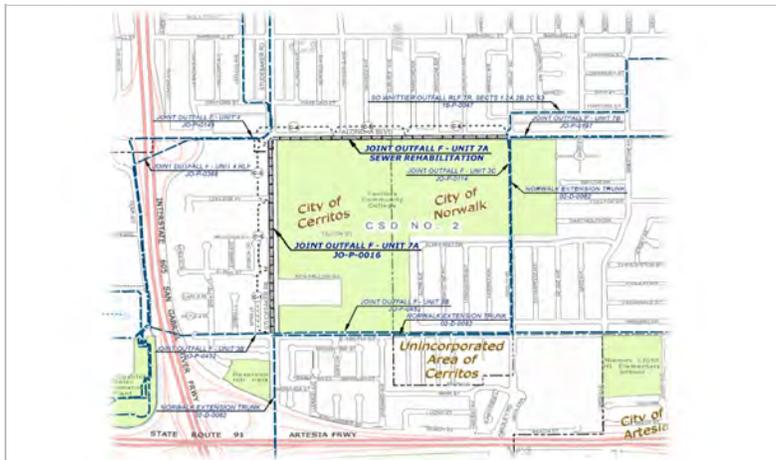
**Justification**

This project will rehabilitate approximately 5,265 feet of existing 33- and 39-inch diameter RCP on the Joint Outfall F Unit 4 Relief Trunk Sewer with CIPP liner due to spalling, projecting aggregate, and visible surface reinforcement. The project will also rehabilitate approximately 10 manholes with a protective coating system, modify MH F 0273, clean the Joint Outfall F Unit 4 Trunk Sewer between MH F 0273 and F 0328, and all appurtenant work. See Work Scope Memo (DOC 7109099) for additional information.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-------------|---------|--------------------|----------------------|
| \$50,000        | \$250,000 | \$700,000 | \$5,000,000 | \$0     | \$0                | \$6,000,000          |

\* Through June 30, 2024



|                                      |                         |
|--------------------------------------|-------------------------|
| <b>Facility:</b>                     | Gravity                 |
| <b>Status:</b>                       | Construction            |
| <b>District:</b>                     | Joint Outfall           |
| <b>Project Location:</b>             | Cerritos, Norwalk       |
| <b>Responsible Section:</b>          | Construction Management |
| <b>Total Project Budget:</b>         | \$6,700,000             |
| <b>Construction Contract Cost:</b>   | \$5,179,558             |
| <b>Funding Source(s):</b>            | 1077 - JO Capital       |
| <b>Project Start Date:</b>           | 05/09/2022              |
| <b>Project End Date:</b>             | 06/30/2026              |
| <b>Continuing Project in FY24/25</b> |                         |

**Description**

Rehabilitation of corroded sewer

**Justification**

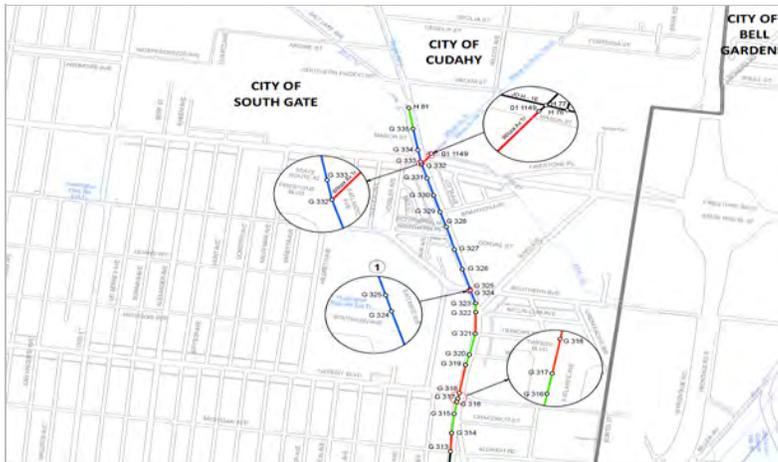
This project will rehabilitate approximately 4,808 feet of 51- and 60-inch diameter RCP of the Joint Outfall F Unit 7A Trunk Sewer with CIPP liner, approximately 28 feet of 27-inch diameter RCP of the Orr and Day Road Trunk Sewer, and 15 adjacent manholes and structures. See WCS Design Request Memo and Condition Report (DOC# 6594619) for reach by reach information and condition ratings, and the Work Scope Memo (DOC# 6682573) for more detail.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26   | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-----------|---------|---------|--------------------|----------------------|
| \$430,000       | \$5,770,000 | \$500,000 | \$0     | \$0     | \$0                | \$6,700,000          |

\* Through June 30, 2024





**Facility:** Gravity  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** Cudahy, South Gate  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$6,350,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2021  
**Project End Date:** 06/30/2026  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

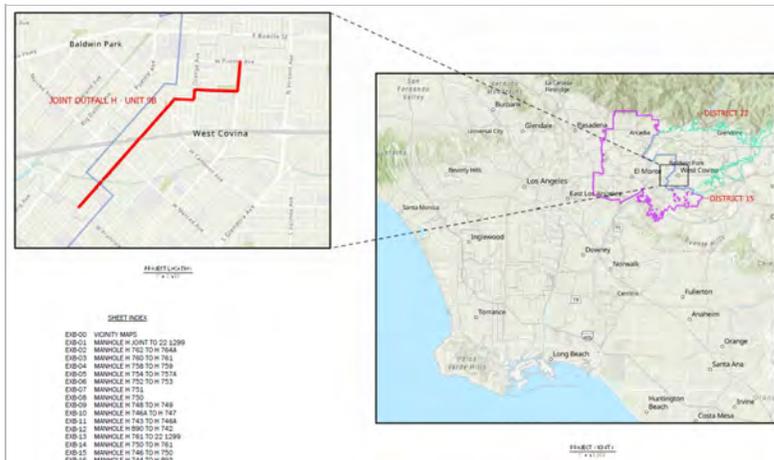
**Justification**

This project will rehabilitate approximately 5,766 feet of 27- to 33-inch clay tile lined reinforced concrete pipe (RCP-CTL) on the Joint Outfall G Unit 9 Trunk Sewer between MHs G 0313 and H 0081, 202 feet of 18-inch non-reinforced concrete pipe (NRCP) on the Wilcox Avenue Trunk Sewer between MHs G 0332 and 01 1149, and 365 feet of 27-inch RCP-CTL on the Wright Road Trunk Sewer between MHs 01 0942 and 01 0943. A total of twenty five (25) manholes will be rehabilitated with a protective coating system. For more information, see Work Scope Memo (DOC 6582685) and the Condition Report and Design Request (DOC 6126318).

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|---------|---------|--------------------|----------------------|
| \$445,000       | \$500,000 | \$5,405,000 | \$0     | \$0     | \$0                | \$6,350,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Construction  
**District:** Joint Outfall  
**Project Location:** Baldwin Park, West Covina  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$5,500,000  
**Construction Contract Cost:** \$4,333,339  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 01/01/2023  
**Project End Date:** 06/30/2026  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

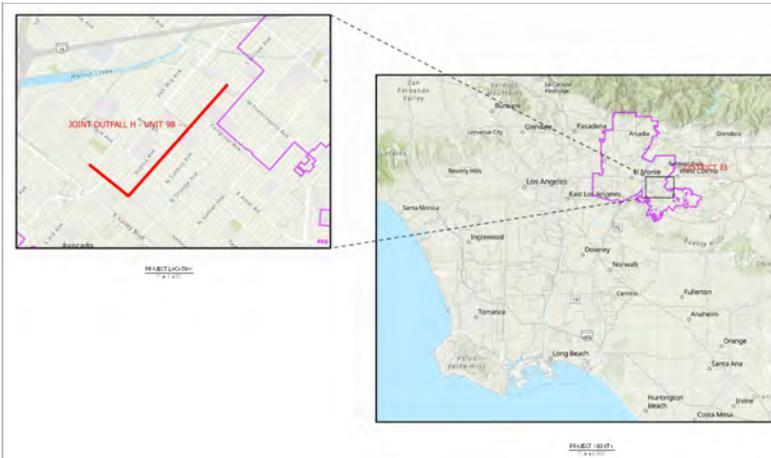
**Justification**

Project will rehabilitate approximately 13,027 feet of 22- through 28-inch diameter non-reinforced concrete pipe (NRCP) that are assigned Condition Ratings of 2, 3, and 4. Project will also rehabilitate approximately 28 manholes with a protective coating system.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|---------|---------|--------------------|----------------------|
| \$825,000       | \$3,400,000 | \$1,275,000 | \$0     | \$0     | \$0                | \$5,500,000          |

\* Through June 30, 2024



|                                      |                         |
|--------------------------------------|-------------------------|
| <b>Facility:</b>                     | Gravity                 |
| <b>Status:</b>                       | Construction            |
| <b>District:</b>                     | Joint Outfall           |
| <b>Project Location:</b>             | Avocado Heights         |
| <b>Responsible Section:</b>          | Construction Management |
| <b>Total Project Budget:</b>         | \$4,500,000             |
| <b>Construction Contract Cost:</b>   | \$3,885,966             |
| <b>Funding Source(s):</b>            | 1077 - JO Capital       |
| <b>Project Start Date:</b>           | 01/01/2023              |
| <b>Project End Date:</b>             | 06/30/2026              |
| <b>Continuing Project in FY24/25</b> |                         |

**Description**

Rehabilitation of corroded sewer

**Justification**

Project will rehabilitate approximately 10,781 feet of 25- through 28-inch diameter non-reinforced concrete pipe (NRCP) that are assigned Condition Ratings of 2 and 4. Project will also rehabilitate approximately 17 manholes with a protective coating system.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26   | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-----------|---------|---------|--------------------|----------------------|
| \$336,000       | \$3,800,000 | \$364,000 | \$0     | \$0     | \$0                | \$4,500,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Construction  
**District:** Joint Outfall  
**Project Location:** Avocado Heights  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$4,200,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 01/01/2023  
**Project End Date:** 06/30/2026  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

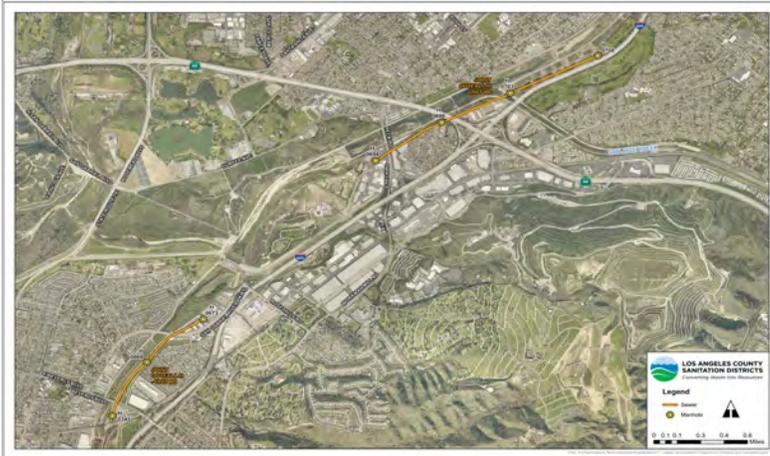
**Justification**

Project will rehabilitate approximately 12,079 feet of 12- to 28-inch diameter non-reinforced concrete pipe (NRCP) on the Joint Outfall H – Unit 9B and the Joint Outfall H – Unit 8L Trunk Sewers with cured-in-place pipe liner that are assigned Condition Rating of 2. Project will also rehabilitate approximately 24 manholes with a protective coating system.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|---------|---------|--------------------|----------------------|
| \$274,000       | \$2,500,000 | \$1,426,000 | \$0     | \$0     | \$0                | \$4,200,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** Industry, Pico Rivera  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$6,200,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 01/01/2023  
**Project End Date:** 06/30/2026  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

**Justification**

Project will rehabilitate approximately 13,381 feet of 25- through 28-inch diameter non-reinforced concrete pipe (NRCP) that are assigned Condition Ratings of 2, 3, and 4. Project will also rehabilitate approximately 26 manholes with a protective coating system.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|---------|---------|--------------------|----------------------|
| \$240,000       | \$720,000 | \$5,240,000 | \$0     | \$0     | \$0                | \$6,200,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** Industry, Pico Rivera  
**Responsible Section:** Sewer Design  
  
**Total Project Budget:** \$4,000,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 01/01/2023  
**Project End Date:** 06/30/2027  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

**Justification**

Project will rehabilitate approximately 8,892 feet of 24- and 25-inch diameter non-reinforced concrete pipe (NRCP) that are assigned Condition Ratings of 2 and 3. Project will also rehabilitate approximately 21 manholes with a protective coating system.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|-------------|---------|--------------------|----------------------|
| \$100,000       | \$200,000 | \$2,700,000 | \$1,000,000 | \$0     | \$0                | \$4,000,000          |

\* Through June 30, 2024





**Facility:** Gravity  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** Baldwin Park  
**Responsible Section:** Sewer Design  
  
**Total Project Budget:** \$2,700,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2027  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

**Justification**

This project will rehabilitate approximately 11,523 feet of 21-inch through 36-inch diameter reinforced concrete sewers on the Joint Outfall H Unit 8E, Joint Outfall H Unit 8K Relief, Joint Outfall H Unit 8M Relief, Joint Outfall H Unit 8M, and Dalton Trunk Section 3 by CIPP liner, and rehabilitate approximately thirty-five (35) adjacent manholes with a protective coating system. For more information, see Work Scope Memo (DOC# 7157841).

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-------------|---------|--------------------|----------------------|
| \$50,000        | \$250,000 | \$600,000 | \$1,800,000 | \$0     | \$0                | \$2,700,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** Pico Rivera  
**Responsible Section:** Sewer Design  
  
**Total Project Budget:** \$3,200,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2027  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

**Justification**

This project will address conveyance of flow from building connections between MHs H 1025 and H 296. A small amount of lateral connection flow is currently conveyed by the unlined 57- and 66-inch RCP sewer. This sewer is difficult to inspect and crosses under a Southern Pacific RR track and the Santa Ana Freeway. Options to line this sewer or to construct a new local sewer line to convey flow away from these otherwise out-of-service reaches will be evaluated

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|-------------|---------|--------------------|----------------------|
| \$50,000        | \$150,000 | \$1,500,000 | \$1,500,000 | \$0     | \$0                | \$3,200,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** Pico Rivera  
**Responsible Section:** Sewer Design  
  
**Total Project Budget:** \$11,600,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2027  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

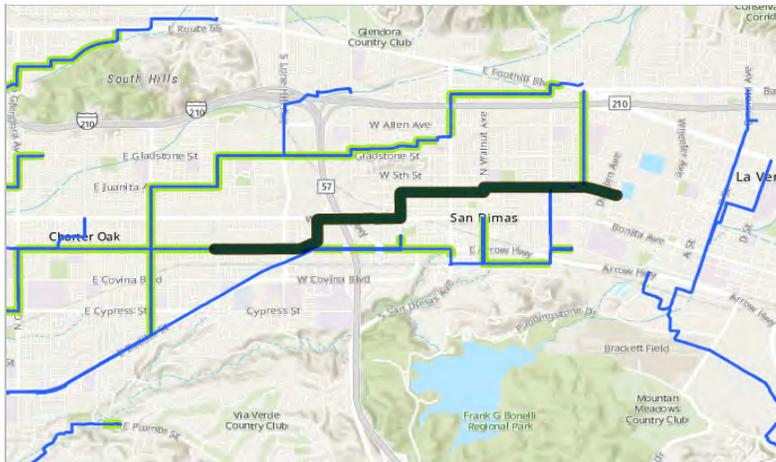
**Justification**

This project will rehabilitate approximately 5,823feet of 48- to 72-inch diameter reinforced concrete sewer that have been assigned a Condition Rating 2 or 3 and have been identified as high-risk as part of the Districts' Sewer Risk Rating Model.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|-------------|---------|--------------------|----------------------|
| \$5,000         | \$100,000 | \$2,000,000 | \$9,495,000 | \$0     | \$0                | \$11,600,000         |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** La Verne, San Dimas, Unincorporated LA County  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$6,400,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 06/01/2023  
**Project End Date:** 06/30/2027  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

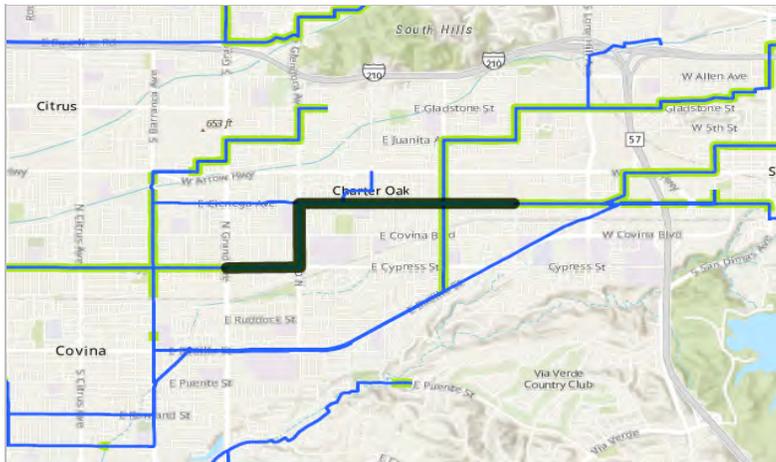
**Justification**

Project will rehabilitate approximately 18,119 feet of 20- and 25-inch diameter non-reinforced concrete pipe (NRCP) that are assigned Condition Ratings of 3 and 4. Project will also rehabilitate approximately 19 manholes with a protective coating system.

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26     | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|-------------|-------------|---------|--------------------|----------------------|
| \$150,000       | \$50,000 | \$3,200,000 | \$3,000,000 | \$0     | \$0                | \$6,400,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** Covina, Unincorporated LA County  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$4,700,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 06/01/2023  
**Project End Date:** 06/30/2027  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

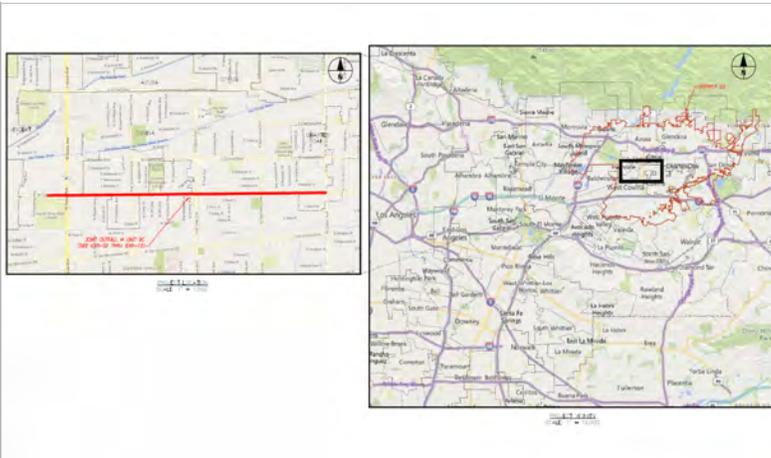
**Justification**

Project will rehabilitate approximately 13,084 feet of 20-inch diameter non-reinforced concrete pipe (NRCP) that are assigned a Condition Rating of 3. Project will also rehabilitate approximately 13 manholes with a protective coating system.

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26     | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|-------------|-------------|---------|--------------------|----------------------|
| \$150,000       | \$50,000 | \$3,500,000 | \$1,000,000 | \$0     | \$0                | \$4,700,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** Covina, Unincorporated LA County  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$4,200,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 06/01/2023  
**Project End Date:** 06/30/2027  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

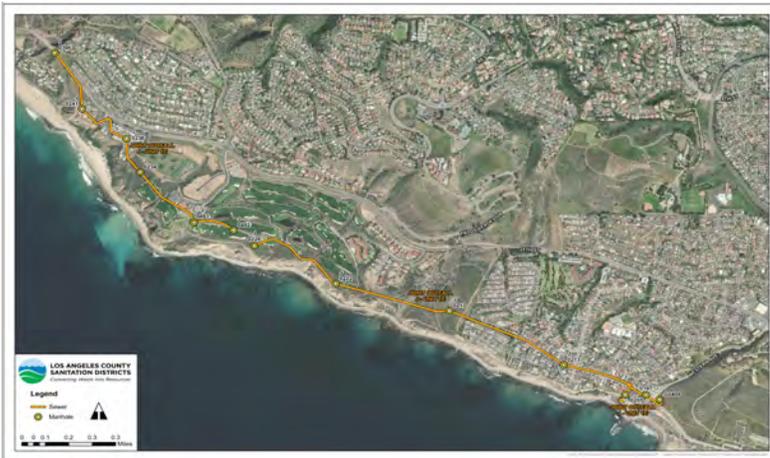
**Justification**

Project will rehabilitate approximately 11,525 feet of 20-inch diameter non-reinforced concrete pipe (NRCP) that are assigned a Condition Rating of 3. Project will also rehabilitate approximately 11 manholes with a protective coating system.

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26     | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|-------------|-------------|---------|--------------------|----------------------|
| \$150,000       | \$50,000 | \$3,000,000 | \$1,000,000 | \$0     | \$0                | \$4,200,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** Palos Verdes  
**Responsible Section:** Sewer Design  
  
**Total Project Budget:** \$8,200,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2027  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

**Justification**

This sewer has approximately 14,841 feet of 12- to 48-inch diameter unlined CIP, VCP, and RCP/RGRCP with spalling, visible aggregate and visible rebar. The earliest portion of this sewer was approved for construction in 1955. The sewer alignment is within the bluff above the Pacific Ocean between the end of the Abalone Cove Pumping Plant Force Mains to the wet well of the White Point Pumping Plant. A portion of this sewer was previously impacted by the landslide at the Trump National Golf Course (formerly Ocean Trails) and was replaced.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|-------------|---------|--------------------|----------------------|
| \$250,000       | \$500,000 | \$1,000,000 | \$6,450,000 | \$0     | \$0                | \$8,200,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** Torrance  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$6,650,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2027  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

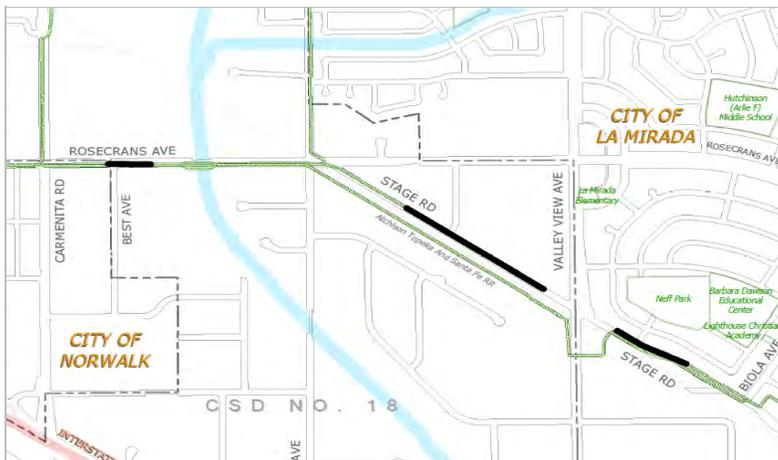
**Justification**

This project will rehabilitate approximately 5,507 feet of 42-inch diameter reinforced concrete sewer that have been assigned a Condition Rating 2 or 3 and have been identified as high-risk as part of the Districts' Sewer Risk Rating Model.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|-------------|---------|--------------------|----------------------|
| \$5,000         | \$100,000 | \$1,000,000 | \$5,545,000 | \$0     | \$0                | \$6,650,000          |

\* Through June 30, 2024



|                                     |                                      |
|-------------------------------------|--------------------------------------|
| <b>Facility:</b>                    | Gravity                              |
| <b>Status:</b>                      | Construction                         |
| <b>District:</b>                    | Joint Outfall                        |
| <b>Project Location:</b>            | La Mirada, Norwalk, Santa Fe Springs |
| <b>Responsible Section:</b>         | Construction Management              |
| <b>Total Project Budget:</b>        | \$800,000                            |
| <b>Construction Contract Cost:</b>  | \$490,653                            |
| <b>Funding Source(s):</b>           | 1077 - JO Capital                    |
| <b>Project Start Date:</b>          | 07/01/2022                           |
| <b>Project End Date:</b>            | 06/30/2025                           |
| <b>Finishing Project in FY24/25</b> |                                      |

**Description**

Rehabilitation of corroded sewer

**Justification**

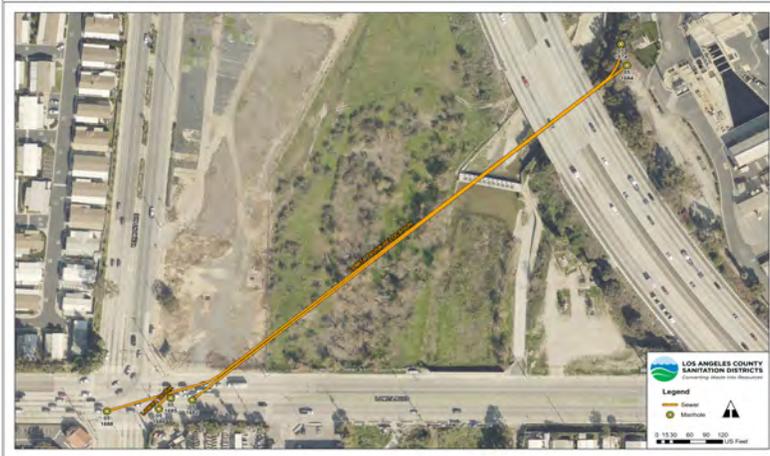
This project will rehabilitate approximately 2,817 feet of 18- and 24-inch reinforced concrete pipe (RCP) sewer with cured-in place pipe (CIPP) liners and sixteen (16) adjacent manholes with a protective coating system on the La Mirada Trunk Sewer Sections 1 & 2.

This project has been split into two phases due to the ongoing grade separation project by LA Metro at the intersection Rosecrans Avenue and Marquardt Avenue. The rehabilitation of all Condition Rating 1 reaches will be completed under Phase I of this project. Rehabilitation of 2,063 feet of 18-inch RCP sewer and seven (7) existing manholes will be completed under Phase II at a later time (Dwg No. 18-p-0099).

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$430,000       | \$370,000 | \$0     | \$0     | \$0     | \$0                | \$800,000            |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** West Carson  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$1,000,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2027  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

**Justification**

Revision Summary: Updated cashflow based on current forecast as follows: FY 23-24 decreases from \$200,000 to \$50,000; FY 24-25 increases from \$0 to \$200,000; FY 25-26 increases from \$0 to \$400,000; and FY 26-27 decreases from \$800,000 to \$350,000. Total budget remains at \$1,000,000.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27   | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-----------|---------|--------------------|----------------------|
| \$50,000        | \$200,000 | \$400,000 | \$350,000 | \$0     | \$0                | \$1,000,000          |

\* Through June 30, 2024



|                                      |                    |
|--------------------------------------|--------------------|
| <b>Facility:</b>                     | Gravity            |
| <b>Status:</b>                       | Design Development |
| <b>District:</b>                     | Joint Outfall      |
| <b>Project Location:</b>             | Cerritos           |
| <b>Responsible Section:</b>          | Sewer Design       |
| <b>Total Project Budget:</b>         | \$7,000,000        |
| <b>Construction Contract Cost:</b>   |                    |
| <b>Funding Source(s):</b>            | 1077 - JO Capital  |
| <b>Project Start Date:</b>           | 07/01/2023         |
| <b>Project End Date:</b>             | 06/30/2027         |
| <b>Continuing Project in FY24/25</b> |                    |

## Description

Improvements to sewer

## Justification

This is the last of 3 projects associated with 1) rerouting flows to resolve ongoing water quality issues at the intersection of Paramount Boulevard and Olympic Boulevard (Paramount/Olympic) in the City of Pico Rivera during peak periods, and 2) to resolve capacity issues on downstream sewers of this intersection. The first project, Joint Outfall B Unit 1D Trunk Sewer Rehabilitation Phase I (JO-p-488) is currently in construction and the second project, Joint Outfall B Unit 1D Diversion Structure (JO-p-465) will be constructed in the 2024 dry season.

This project will construct an automated flow control structure at MH A217 on the Los Coyotes Interceptor Sewer to divert higher quality flow from the Joint Outfall C Unit 1C Trunk Sewer (JOB-1C) to the Los Coyotes WRP. This project will also rehabilitate approximately 1,775 feet of 42- and 57-inch diameter unlined RCP and appurtenant structures on the JOB-1C that are currently out of service. The project also entails rerouting an industrial waste discharge connection for Suez Water Technologies to a sewer that is tributary to the JWPCP within Los Angeles County Flood Control right-of-way. Approximately 14,000 feet of mostly unlined 75- and 78-inch diameter RCP on the Los Coyotes WRP Interceptor Sewer, including many siphons, will be taken out of service once the final flow rerouting is established.

## Budget Projections

| Budget to Date* | 2024-25     | 2025-26     | 2026-27   | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|-----------|---------|--------------------|----------------------|
| \$50,000        | \$1,000,000 | \$5,150,000 | \$800,000 | \$0     | \$0                | \$7,000,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** Cerritos  
**Responsible Section:** Sewer Design  
  
**Total Project Budget:** \$16,300,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2028  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

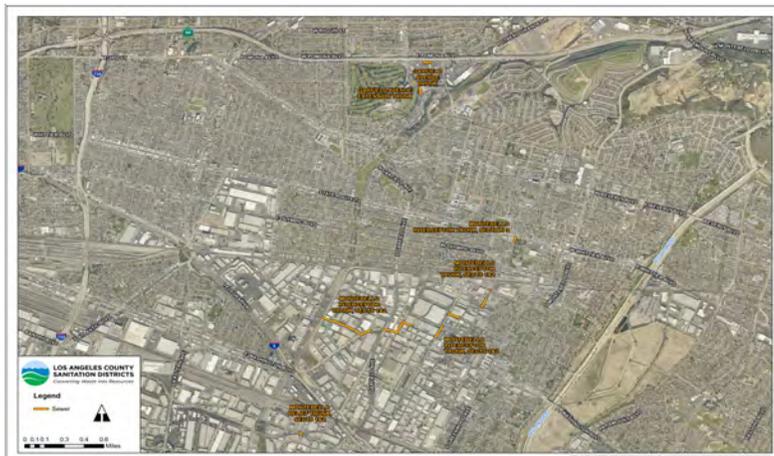
**Justification**

This project will rehabilitate approximately 5,475 feet of 66-inch through 81-inch diameter reinforced concrete sewer that have been assigned a Condition Rating 2, 3 or 4 and have been identified as high-risk as part of the Districts' Sewer Risk Rating Model. WCS requests abandonment of the three air vents that were constructed with the original sewer and CIPP lining of the previously top encased siphon between MHs A 0149 and A 0150.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27     | 2027-28     | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-------------|-------------|--------------------|----------------------|
| \$10,000        | \$240,000 | \$200,000 | \$7,000,000 | \$8,850,000 | \$0                | \$16,300,000         |

\* Through June 30, 2024



|                                      |                      |
|--------------------------------------|----------------------|
| <b>Facility:</b>                     | Gravity              |
| <b>Status:</b>                       | Construction         |
| <b>District:</b>                     | Joint Outfall        |
| <b>Project Location:</b>             | Commerce, Montebello |
| <b>Responsible Section:</b>          | Sewer Design         |
| <b>Total Project Budget:</b>         | \$5,400,000          |
| <b>Construction Contract Cost:</b>   | \$2,769,892          |
| <b>Funding Source(s):</b>            | 1077 - JO Capital    |
| <b>Project Start Date:</b>           | 07/01/2022           |
| <b>Project End Date:</b>             | 06/30/2026           |
| <b>Continuing Project in FY24/25</b> |                      |

**Description**

Rehabilitation of corroded sewer

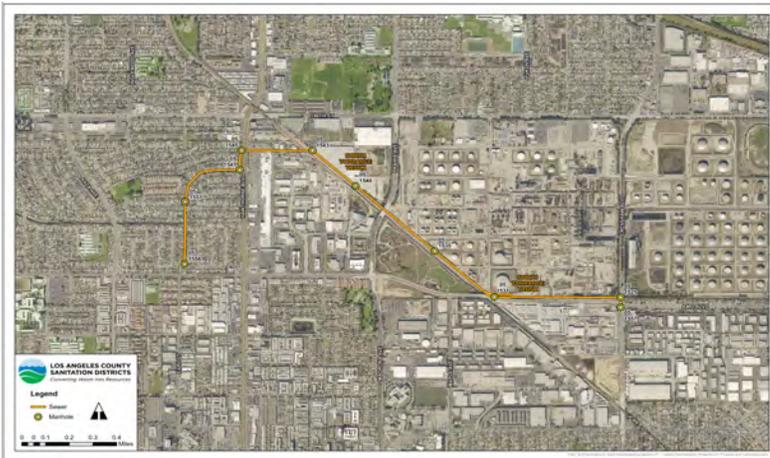
**Justification**

The project will rehabilitate approximately 9,078 feet of 21- to 30-inch diameter RCP and VCP of the Montebello Interceptor Trunk Sections 1, 2, & 3, approximately 1,263 feet of 24-inch diameter RCP of the Montebello City Relief Trunk Sewer Section 3, and approximately 621 feet of 8- and 12-inch diameter VCP of the Garfield Avenue and Extension Trunk Sewer with CIPP, and approximately 35 manholes with a corrosion protection layer. This project is located in the Cities of Montebello and Commerce.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|---------|---------|--------------------|----------------------|
| \$200,000       | \$1,000,000 | \$4,200,000 | \$0     | \$0     | \$0                | \$5,400,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** Torrance  
**Responsible Section:** Sewer Design  
  
**Total Project Budget:** \$4,600,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2027  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

**Justification**

This project will rehabilitate approximately 4,376 feet of 18-inch diameter reinforced concrete sewer and 24-inch diameter vitrified clay sewer that have currently been assigned a Condition Rating 1 or 2.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|-------------|---------|--------------------|----------------------|
| \$5,000         | \$150,000 | \$1,000,000 | \$3,445,000 | \$0     | \$0                | \$4,600,000          |

\* Through June 30, 2024



|                                     |  |
|-------------------------------------|--|
| <b>Facility:</b>                    | Gravity  |
| <b>Status:</b>                      | Construction                                     |
| <b>District:</b>                    | Joint Outfall                                    |
| <b>Project Location:</b>            | Inglewood, Los Angeles, Unincorporated LA County |
| <b>Responsible Section:</b>         | Construction Management                          |
| <b>Total Project Budget:</b>        | \$4,350,000                                      |
| <b>Construction Contract Cost:</b>  | \$3,644,748                                      |
| <b>Funding Source(s):</b>           | 1077 - JO Capital                                |
| <b>Project Start Date:</b>          | 11/04/2022                                       |
| <b>Project End Date:</b>            | 12/31/2024                                       |
| <b>Finishing Project in FY24/25</b> |  |

**Description**

Rehabilitation of corroded sewer

**Justification**

The project will rehabilitate approximately 13,594 feet of existing corroded 22- to 27-inch diameter non-reinforced concrete pipes (NRCP) that are assigned Condition Ratings of 1, 2, and 3. Additional reaches were added at the request of Andre Schmidt in September 2022.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$700,000       | \$3,650,000 | \$0     | \$0     | \$0     | \$0                | \$4,350,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Construction  
**District:** Joint Outfall  
**Project Location:** Baldwin Park, Unincorporated LA County  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$3,750,000  
**Construction Contract Cost:** \$3,114,040  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2022  
**Project End Date:** 06/30/2025  
**Finishing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

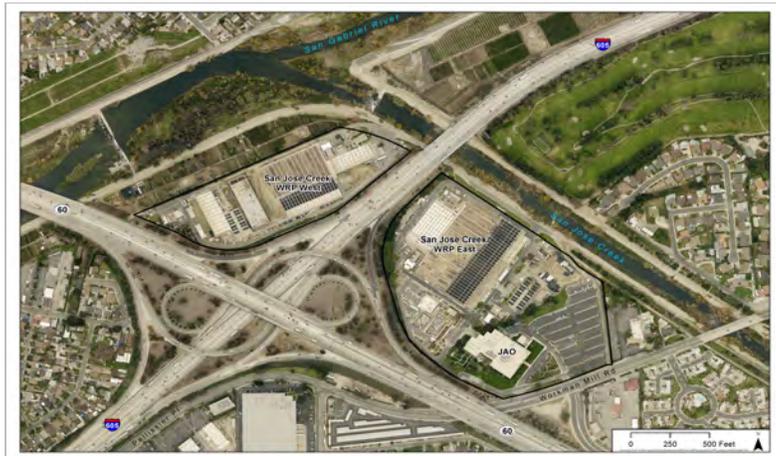
**Justification**

The project will rehabilitate approximately 2,174 feet of 30- and 36-inch diameter RCP of the San Jose Creek Trunk Sewer and Baldwin Park Trunk Sewer with CIPP liner and rehabilitate 7 adjacent manholes and structures. The project will also modify structure MH H 0887 on the Joint Outfall H Unit 8H Trunk Sewer by repairing the plastic liners, removing and replacing the two (2) stoplogs and stoplog notches and removing and replacing the roof slab. See WCS Design Request Memo (DOC# 6616586) for reach by reach information and condition ratings, and the Work Scope Memo (DOC# 6725598) for more detail.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$300,000       | \$3,450,000 | \$0     | \$0     | \$0     | \$0                | \$3,750,000          |

\* Through June 30, 2024



|                                    |                                      |
|------------------------------------|--------------------------------------|
| <b>Facility:</b>                   | Gravity                              |
| <b>Status:</b>                     | Design Development                   |
| <b>District:</b>                   | Joint Outfall                        |
| <b>Project Location:</b>           | Whittier                             |
| <b>Responsible Section:</b>        | Sewer Design                         |
| <b>Total Project Budget:</b>       | \$3,400,000                          |
| <b>Construction Contract Cost:</b> |                                      |
| <b>Funding Source(s):</b>          | 1077 - JO Capital                    |
| <b>Project Start Date:</b>         | 07/01/2023                           |
| <b>Project End Date:</b>           | 06/30/2027                           |
|                                    | <b>Continuing Project in FY24/25</b> |

**Description**

Rehabilitation of corroded sewer

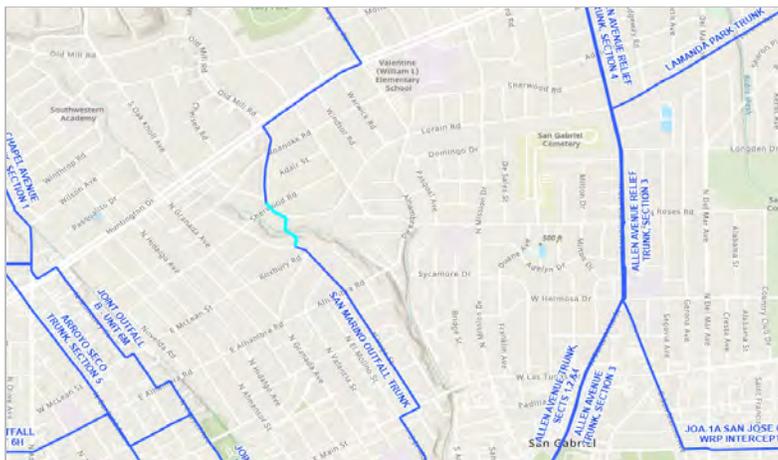
**Justification**

Project will rehabilitate approximately 6,339 feet of 24- and 27-inch diameter reinforced concrete pipe (RCP) and 267 feet of 24-inch diameter vitrified clay pipe (VCP) that are assigned Condition Ratings of 2 and 3, including Condition Rating 2 reaches that were determined to be high risk. Project will also rehabilitate approximately 17 manholes with a protective coating system.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-------------|---------|--------------------|----------------------|
| \$20,000        | \$200,000 | \$800,000 | \$2,380,000 | \$0     | \$0                | \$3,400,000          |

\* Through June 30, 2024



|                                    |                   |
|------------------------------------|-------------------|
| <b>Facility:</b>                   | Gravity           |
| <b>Status:</b>                     | Planning          |
| <b>District:</b>                   | Joint Outfall     |
| <b>Project Location:</b>           | San Marino        |
| <b>Responsible Section:</b>        | Sewer Design      |
| <b>Total Project Budget:</b>       | \$2,000,000       |
| <b>Construction Contract Cost:</b> |                   |
| <b>Funding Source(s):</b>          | 1077 - JO Capital |
| <b>Project Start Date:</b>         | 07/01/2024        |
| <b>Project End Date:</b>           | 06/01/2027        |
| <b>New Project in FY24/25</b>      |                   |

**Description**

Rehabilitation of corroded sewer

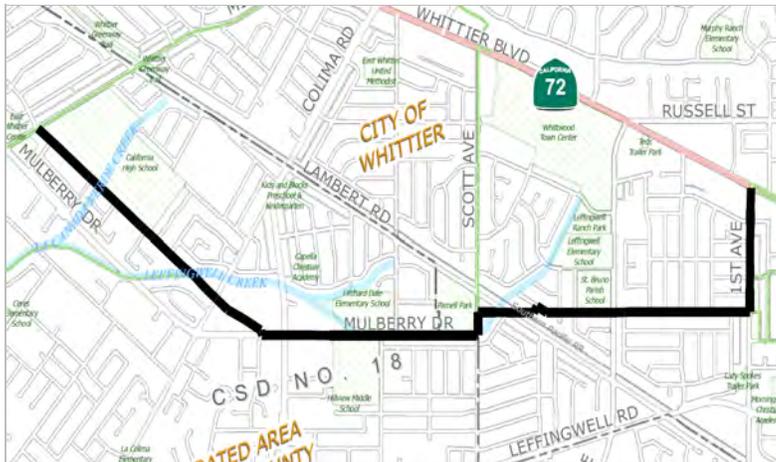
**Justification**

This project will address the VCP/CIP section of sewer between MHs 16 0333 and 16 0334. The sewer reach is a 20-inch diameter VCP pipe with a 100-foot portion of exposed CIP that crosses over the Alhambra Wash/Mill Creek Flood Control Channel through private residential property. The CIP section of the sewer is suspended from a steel I-beam resting on two concrete supports at each side of the flood control channel. This sewer reach exhibits fractures throughout the VCP sections and tuberculation/surface corrosion throughout the CIP section. The sewer reach is listed as a Condition Rating 2 in the WCS CIP Report and request for repair is discussed in the January 2020 Design Request Memo by Horn (DOC# 5306864). The project is high priority due to the consequence of failure over the flood control channel being high. The option to replace the sewer along a new alignment would be the more expensive alternative and is anticipated to cost \$2M. Evaluation of this alternative will include the feasibility of rerouting local connections to the replacement sewer. A lower cost alternative is to rehabilitate and/or replace the sewer reach along the same alignment.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27   | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-----------|---------|--------------------|----------------------|
| \$0             | \$100,000 | \$950,000 | \$950,000 | \$0     | \$0                | \$2,000,000          |

\* Through June 30, 2024



|                                     |                         |
|-------------------------------------|-------------------------|
| <b>Facility:</b>                    | Gravity                 |
| <b>Status:</b>                      | Construction            |
| <b>District:</b>                    | Joint Outfall           |
| <b>Project Location:</b>            | Whittier                |
| <b>Responsible Section:</b>         | Construction Management |
| <b>Total Project Budget:</b>        | \$3,240,000             |
| <b>Construction Contract Cost:</b>  | \$2,562,996             |
| <b>Funding Source(s):</b>           | 1077 - JO Capital       |
| <b>Project Start Date:</b>          | 08/01/2022              |
| <b>Project End Date:</b>            | 06/30/2025              |
| <b>Finishing Project in FY24/25</b> |                         |

**Description**

Rehabilitation of corroded sewer

**Justification**

This project will rehabilitate approximately 15,587 feet of 12-inch, 15-inch & 18-inch diameter non-reinforced concrete pipe (NRCP) reaches that are assigned a condition rating of 2 and 3.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$700,000       | \$2,540,000 | \$0     | \$0     | \$0     | \$0                | \$3,240,000          |

\* Through June 30, 2024



|                                      |                      |
|--------------------------------------|----------------------|
| <b>Facility:</b>                     | District Trunk line  |
| <b>Status:</b>                       | Planning             |
| <b>District:</b>                     | Joint Outfall        |
| <b>Project Location:</b>             | NA                   |
| <b>Responsible Section:</b>          | Planning             |
| <b>Total Project Budget:</b>         | \$34,300,000         |
| <b>Construction Contract Cost:</b>   |                      |
| <b>Funding Source(s):</b>            | 1134 - TS WW Capital |
| <b>Project Start Date:</b>           | 07/01/2022           |
| <b>Project End Date:</b>             | 06/29/2029           |
| <b>Continuing Project in FY24/25</b> |                      |

**Description**

Development of hydraulic model to help prevent sanitary sewer overflows

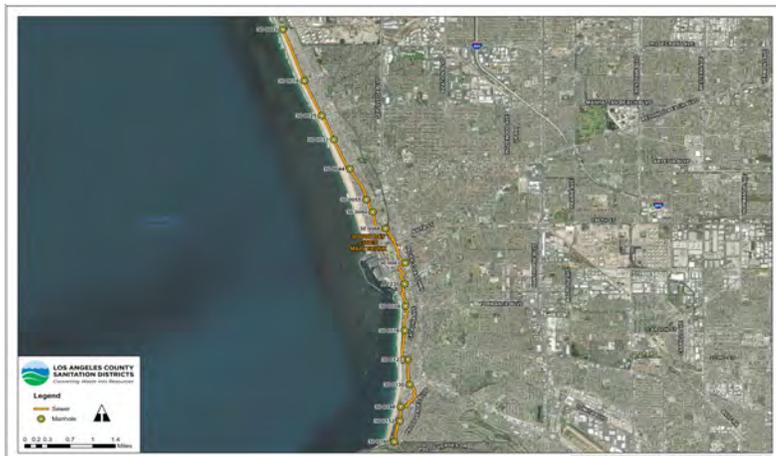
**Justification**

This project formerly was to develop a hydraulic model for the Districts' entire sewerage system. District 14, District 20 and Santa Clarita Valley have been separated out to form their own projects. This project is now exclusively for the development of the hydraulic model for the Districts' Joint Outfall Districts.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26     | 2026-27     | 2027-28     | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|-------------|-------------|--------------------|----------------------|
| \$4,300,000     | \$6,000,000 | \$6,000,000 | \$6,000,000 | \$6,000,000 | \$6,000,000        | \$34,300,000         |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** Manhattan Beach, Palos Verdes, Redondo Beach  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$9,500,000

**Construction Contract Cost:**

**Funding Source(s):** 1077 - JO Capital

**Project Start Date:** 07/01/2023

**Project End Date:** 06/30/2026

**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

**Justification**

This project will rehabilitate approximately 15,523 feet of deteriorated 24-, 27- and 30-inch RCP sewer with cured in place pipe (CIPP) liner on the South Bay Cities Main Trunk Sewer in the cities of Hermosa Beach and Manhattan Beach. This sewer has a high consequence of failure because of its proximity to the Pacific Ocean. There are two Condition Rating 1 reaches located between MH 30 0052 and MH 30 0054. For more information, see Work Scope Memo (DOC 7053355).

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|---------|---------|--------------------|----------------------|
| \$120,000       | \$300,000 | \$9,080,000 | \$0     | \$0     | \$0                | \$9,500,000          |

\* Through June 30, 2024



|                                     |  |
|-------------------------------------|--|
| <b>Facility:</b>                    | Gravity  |
| <b>Status:</b>                      | Construction   |
| <b>District:</b>                    | Joint Outfall  |
| <b>Project Location:</b>            | Covina, Glendora, La Verne, Unincorporated LA County |
| <b>Responsible Section:</b>         | Construction Management                              |
| <b>Total Project Budget:</b>        | \$6,000,000  |
| <b>Construction Contract Cost:</b>  | \$3,582,457  |
| <b>Funding Source(s):</b>           | 1077 - JO Capital                                    |
| <b>Project Start Date:</b>          | 07/01/2020   |
| <b>Project End Date:</b>            | 06/30/2025   |
| <b>Finishing Project in FY24/25</b> |  |

**Description**

Rehabilitation of corroded sewer

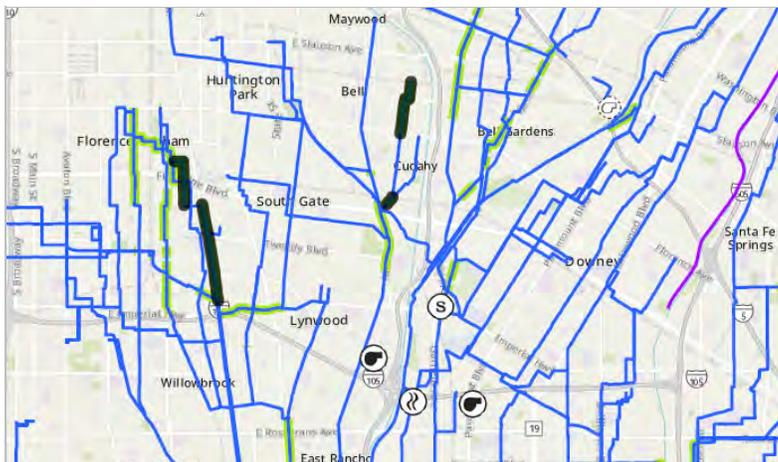
**Justification**

This project will rehabilitate approximately 25,078 feet of 12- and 15-inch diameter NRCP with spalling, exposed aggregate, and cracks on the Sunflower Trunk Sewer and 73 feet of 12-inch diameter VCP and 24 feet of 12-inch diameter cast iron pipe with multiple fractures, root intrusion, surface corrosion and pipe collapse on the La Verne Trunk Sewer, Section 2. For more project information see Final Work Scope Memo (WSM) DOC 6239868.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$785,000       | \$5,215,000 | \$0     | \$0     | \$0     | \$0                | \$6,000,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Design Development  
**District:** 01  
**Project Location:** Bell, Cudahy, Lynwood, Maywood, South Gate, Unincorporated LA County  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$3,250,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 06/01/2023  
**Project End Date:** 06/30/2026  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

**Justification**

Project will rehabilitate approximately 17,128 feet of 10- through 21-inch diameter non-reinforced concrete pipe (NRCP) that are assigned Conditions Ratings of 1, 2, 3, and 4.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|---------|---------|--------------------|----------------------|
| \$150,000       | \$500,000 | \$2,600,000 | \$0     | \$0     | \$0                | \$3,250,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Design Development  
**District:** 03  
**Project Location:** Long Beach  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$1,000,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2027  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

**Justification**

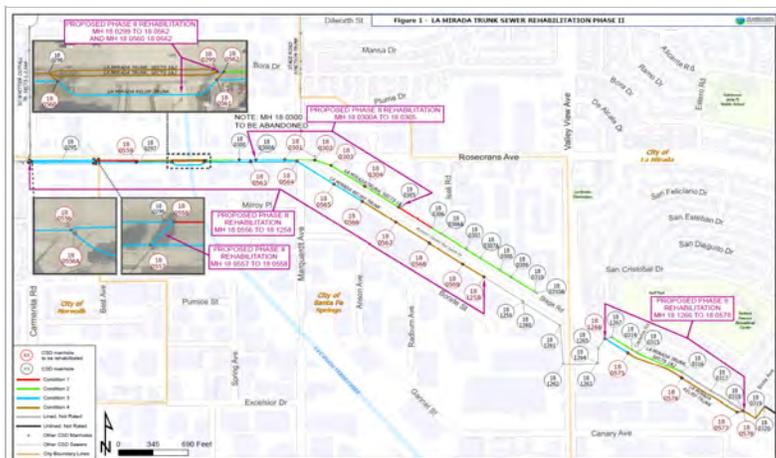
This project will rehabilitate approximately 1,408 feet of 36-inch diameter reinforced concrete sewer and 27-inch vitrified clay sewer that have been assigned a Condition Rating 2 or 4 and have been identified as high-risk as part of the Districts' Sewer Risk Rating Model.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27   | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-----------|---------|--------------------|----------------------|
| \$100,000       | \$100,000 | \$300,000 | \$500,000 | \$0     | \$0                | \$1,000,000          |

\* Through June 30, 2024





**Facility:** District Trunk line  
**Status:** Design Development  
**District:** 18  
**Project Location:** La Mirada, Norwalk, Santa Fe Springs  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$4,400,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2027  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

**Justification**

This project will rehabilitate approximately 807 feet of 18-inch diameter RCP, 3,834 feet of 24-inch diameter RCP, 2,518 feet of 33-inch diameter RCP, 996 feet of 36-inch diameter RCP and twenty-six (26) manholes on the La Mirada Trunk Sewer Sections 1&2 and the La Mirada Relief Trunk Sewer with Condition Ratings 2, 3 or 4. Approximately 1,565 feet of 18- and 24-inch diameter RCP sewer reaches were originally included in the Phase I project (18-p-96) but were subsequently removed due to construction schedule conflicts with the ongoing Rosecrans/Marquardt Grade Separation Project by Los Angeles County Metropolitan Transportation Authority at the intersection of Rosecrans Ave and Marquardt Ave. The grade separation project is anticipated to be completed in 2025.

See final Work Scope Memo (DMS 7111602) for details on the scope of work for the entire project.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|-------------|---------|--------------------|----------------------|
| \$30,000        | \$100,000 | \$2,500,000 | \$1,770,000 | \$0     | \$0                | \$4,400,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Design Development  
**District:** 18  
**Project Location:** Santa Fe Springs, Whittier  
**Responsible Section:** Sewer Design  
  
**Total Project Budget:** \$4,500,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2027  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

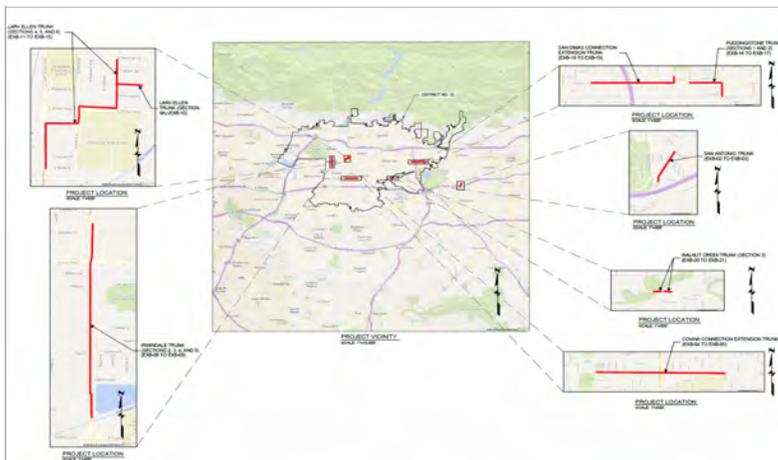
**Justification**

This project will rehabilitate approximately 4,089 feet of 30- to 48--inch diameter reinforced concrete sewer that have been assigned a Condition Rating 2 or 3 and have been identified as high-risk as part of the Districts' Sewer Risk Rating Model.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-------------|---------|--------------------|----------------------|
| \$50,000        | \$250,000 | \$700,000 | \$3,500,000 | \$0     | \$0                | \$4,500,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Design Development  
**District:** 22  
**Project Location:** Azusa, Covina, Irwindale, Pomona, San Dimas  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$5,400,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 06/01/2023  
**Project End Date:** 06/30/2026  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

**Justification**

Project will rehabilitate approximately 21,303 feet of existing corroded 10-inch through 24-inch diameter non-reinforced concrete pipe (NRCP), reinforced concrete pipe (RCP), cast iron pipe (CIP), and vitrified clay pipe (VCP) with cured-in-place pipe liner that are assigned Condition Rating 1 through 4. Project will also rehabilitate approximately 91 manholes with a protective coating system.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|---------|---------|--------------------|----------------------|
| \$150,000       | \$500,000 | \$4,750,000 | \$0     | \$0     | \$0                | \$5,400,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Design Development  
**District:** 29  
**Project Location:** Long Beach, Signal Hill  
**Responsible Section:** Sewer Design  
  
**Total Project Budget:** \$1,100,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1063 - D29 Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2026  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

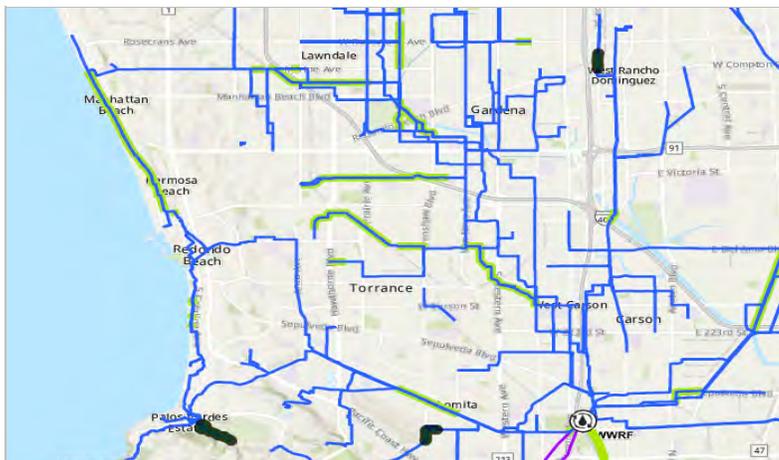
**Justification**

This project will rehabilitate approximately 8,389 feet of 8- through 16-inch diameter NRCP, VCP, DIP and CIP. All District 29 NRCP, DIP and CIP reaches will be folded into this project and combined with all Condition Rating 1 sewer reaches and one CIP reach.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|---------|---------|--------------------|----------------------|
| \$150,000       | \$300,000 | \$650,000 | \$0     | \$0     | \$0                | \$1,100,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Design Development  
**District:** SBC  
**Project Location:** Lomita, Los Angeles, Palos Verdes, Torrance, Unincorporated LA County  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$1,350,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 06/01/2023  
**Project End Date:** 06/30/2026  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

**Justification**

Project will rehabilitate approximately 6,712 feet of 10- through 15-inch diameter non-reinforced concrete pipe (NRCP) that are assigned Condition Ratings of 1, 2, and 3.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|---------|---------|--------------------|----------------------|
| \$150,000       | \$810,000 | \$390,000 | \$0     | \$0     | \$0                | \$1,350,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Construction  
**District:** 14  
**Project Location:** Lancaster  
**Responsible Section:** Construction Management

**Total Project Budget:** \$5,400,000  
**Construction Contract Cost:** \$3,971,495  
**Funding Source(s):** 1028 - D14 Capital  
**Project Start Date:** 07/01/2022  
**Project End Date:** 06/30/2025  
**Finishing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

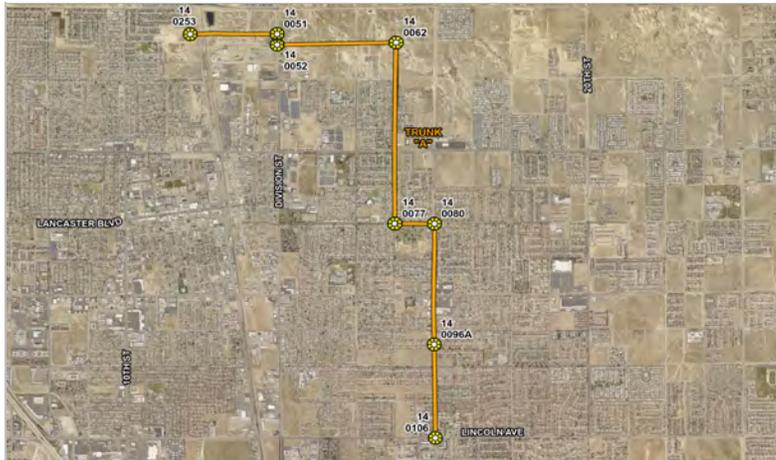
**Justification**

This project will rehabilitate approximately 8,781 feet of existing 12- to 30-inch diameter RCP and VCP on the Avenue H Trunk Sewer and North Side Trunk Sewer with CIPP liner due to spalling, projecting aggregate, and visible and corroded rebar. The project will also rehabilitate approximately 36 manholes with a protective coating system, and all appurtenant work. See Condition Report and Design Request Memo (DOC 6596444) for reach by reach information and condition ratings.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$90,000        | \$4,310,000 | \$0     | \$0     | \$0     | \$0                | \$4,400,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Construction  
**District:** 14  
**Project Location:** Lancaster  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$4,800,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1028 - D14 Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2026  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

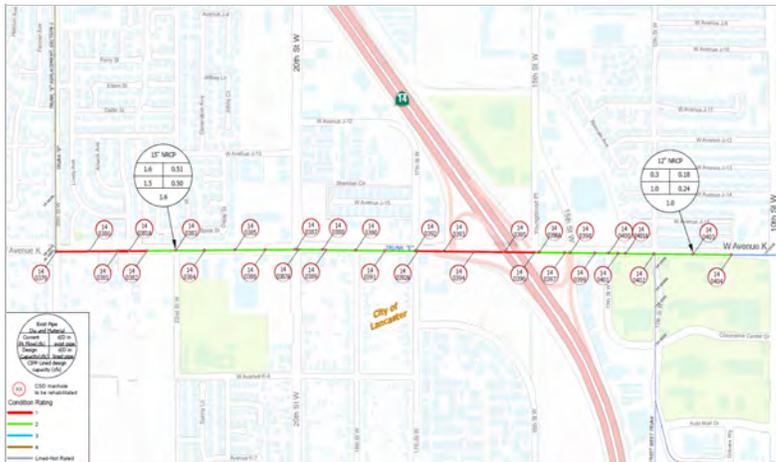
**Justification**

This project will rehabilitate approximately 16,066 feet of 18- and 24-inch diameter reinforced concrete sewer that have been assigned a Condition Rating 2 or 3. Project will also rehabilitate approximately 38 manholes with a protective coating system.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|---------|---------|--------------------|----------------------|
| \$150,000       | \$2,350,000 | \$2,300,000 | \$0     | \$0     | \$0                | \$4,800,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Construction  
**District:** 14  
**Project Location:** Lancaster  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$2,100,000  
**Construction Contract Cost:** \$1,683,113  
**Funding Source(s):** 1028 - D14 Capital  
**Project Start Date:** 07/01/2022  
**Project End Date:** 06/30/2025  
**Finishing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

**Justification**

This project will rehabilitate approximately 7,584 feet of deteriorated 12- and 15-inch NRCP sewer. There are eight Condition Rating 1 reaches. This sewer is in Avenue K, a major street in the City of Lancaster. See Work Scope Memo (Doc. #6746618) for reach by reach information.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$220,000       | \$1,880,000 | \$0     | \$0     | \$0     | \$0                | \$2,100,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Construction  
**District:** 20  
**Project Location:** Palmdale  
**Responsible Section:** Construction Management

**Total Project Budget:** \$1,700,000  
**Construction Contract Cost:** \$1,170,239  
**Funding Source(s):** 1002 - D20 Capital  
**Project Start Date:** 01/01/2023  
**Project End Date:** 06/30/2025  
**Finishing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

**Justification**

Project will rehabilitate approximately 9,416 feet of 10- through 15-inch diameter non-reinforced concrete pipe (NRCP) that are assigned Condition Rating of 2. Project will also rehabilitate approximately 30 manholes with a protective coating system.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$269,000       | \$1,431,000 | \$0     | \$0     | \$0     | \$0                | \$1,700,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Construction  
**District:** 20  
**Project Location:** Palmdale  
**Responsible Section:** Construction Management

**Total Project Budget:** \$3,400,000  
**Construction Contract Cost:** \$2,826,481  
**Funding Source(s):** 1002 - D20 Capital  
**Project Start Date:** 01/01/2023  
**Project End Date:** 06/30/2025  
**Finishing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

**Justification**

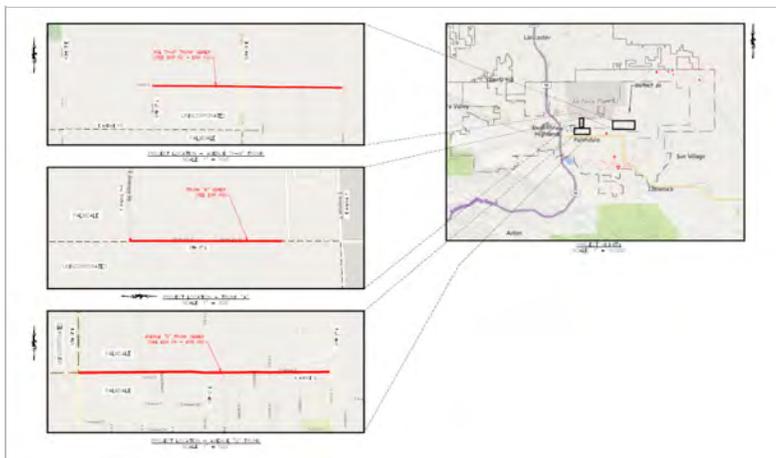
Project will rehabilitate approximately 14,053 feet of 12- through 18-inch diameter non-reinforced concrete pipe (NRCP) that are assigned Condition Ratings of 2 and 3. Project will also rehabilitate approximately 49 manholes with a protective coating system.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$271,000       | \$3,129,000 | \$0     | \$0     | \$0     | \$0                | \$3,400,000          |

\* Through June 30, 2024





**Facility:** Gravity  
**Status:** Design Development  
**District:** 20  
**Project Location:** Palmdale, Unincorporated LA County  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$3,600,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1002 - D20 Capital  
**Project Start Date:** 06/01/2023  
**Project End Date:** 06/30/2027  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

**Justification**

Project will rehabilitate approximately 15,319 feet of 12- through 30-inch diameter non-reinforced concrete pipe (NRCP) and reinforced concrete pipe (RCP) that are assigned Condition Ratings of 2 and 3. Project will also rehabilitate approximately 47 manholes with a protective coating system.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|-------------|---------|--------------------|----------------------|
| \$150,000       | \$200,000 | \$2,250,000 | \$1,000,000 | \$0     | \$0                | \$3,600,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Design Development  
**District:** SCV  
**Project Location:** Santa Clarita  
**Responsible Section:** Sewer Design  
  
**Total Project Budget:** \$4,400,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1069 - SCV Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2026  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

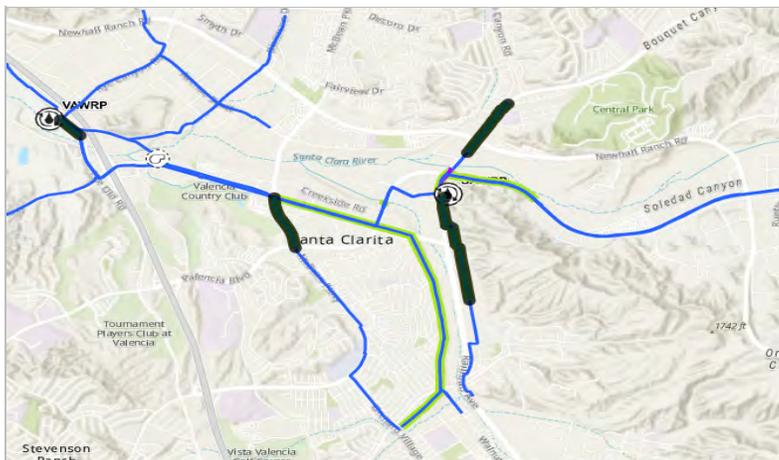
**Justification**

This project will rehabilitate approximately 15,340 feet of 15-inch and 18-inch NRCP and 21-inch RCP sewer.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|---------|---------|--------------------|----------------------|
| \$300,000       | \$500,000 | \$3,600,000 | \$0     | \$0     | \$0                | \$4,400,000          |

\* Through June 30, 2024



|                                      |   |
|--------------------------------------|---|
| <b>Facility:</b>                     | Gravity                                 |
| <b>Status:</b>                       | Design Development                      |
| <b>District:</b>                     | SCV                                     |
| <b>Project Location:</b>             | Santa Clarita, Unincorporated LA County |
| <b>Responsible Section:</b>          | Sewer Design                            |
| <b>Total Project Budget:</b>         | \$3,400,000                             |
| <b>Construction Contract Cost:</b>   |   |
| <b>Funding Source(s):</b>            | 1069 - SCV Capital                      |
| <b>Project Start Date:</b>           | 06/01/2023                              |
| <b>Project End Date:</b>             | 06/30/2026                              |
| <b>Continuing Project in FY24/25</b> |   |

**Description**

Rehabilitation of corroded sewer

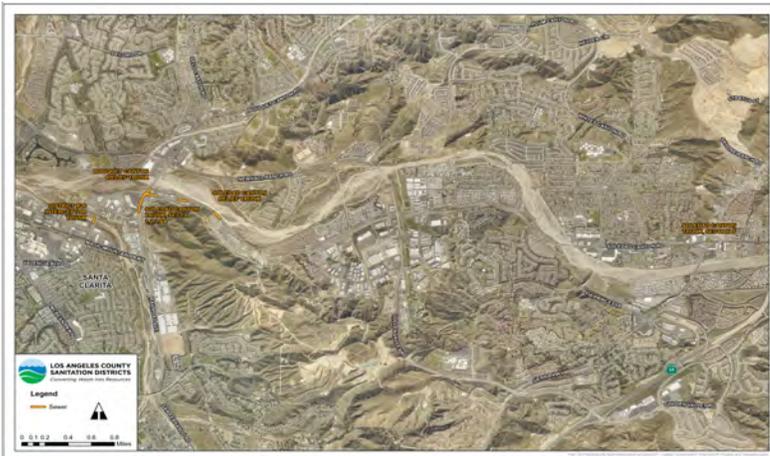
**Justification**

Project will rehabilitate approximately 7,177 feet of 12- and 18-inch diameter non-reinforced concrete pipe (NRCP), 3,468 feet of 21- and 30-inch diameter reinforced concrete pipe (RCP), and 154 feet of 18-inch vitrified clay pipe (VCP) that are assigned Condition Ratings of 2 and 3. Project will also rehabilitate approximately 40 manholes with a protective coating system.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|---------|---------|--------------------|----------------------|
| \$300,000       | \$500,000 | \$2,600,000 | \$0     | \$0     | \$0                | \$3,400,000          |

\* Through June 30, 2024



|                                    |                                      |
|------------------------------------|--------------------------------------|
| <b>Facility:</b>                   | Gravity                              |
| <b>Status:</b>                     | Design Development                   |
| <b>District:</b>                   | SCV                                  |
| <b>Project Location:</b>           | Santa Clarita                        |
| <b>Responsible Section:</b>        | Sewer Design                         |
| <b>Total Project Budget:</b>       | \$3,400,000                          |
| <b>Construction Contract Cost:</b> |                                      |
| <b>Funding Source(s):</b>          | 1069 - SCV Capital                   |
| <b>Project Start Date:</b>         | 07/01/2022                           |
| <b>Project End Date:</b>           | 06/30/2026                           |
|                                    | <b>Continuing Project in FY24/25</b> |

**Description**

Rehabilitation of corroded sewer

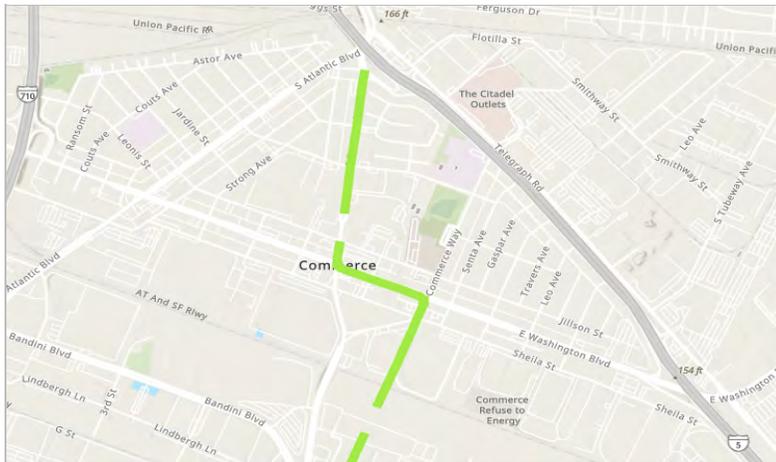
**Justification**

This project will rehabilitate approximately 5,460 feet of deteriorated 18-inch NRCP, 18-inch VCP, 21-inch RCP, 24-inch NRCP, 24-inch VCP, 27-inch RCP and 30-inch RCP sewer. All corrodible sewers in the intersection of Soledad Canyon Road, Valencia Blvd, and Bouquet Canyon Road are being considered for rehabilitation due to traffic impact concerns. See Work Scope Memo (Doc 6867894) for additional information.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|---------|---------|--------------------|----------------------|
| \$480,000       | \$1,920,000 | \$1,000,000 | \$0     | \$0     | \$0                | \$3,400,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Planning  
**District:** 02  
**Project Location:** Bell, Commerce  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$5,650,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2024  
**Project End Date:** 06/30/2028  
**New Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

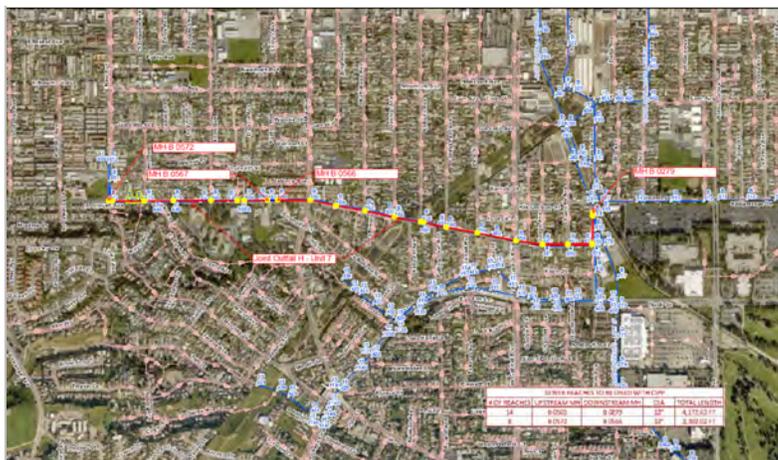
**Justification**

This project will rehabilitate approximately 5,646 feet of 33- and 36-inch diameter reinforced concrete clay-tile-lined sewer constructed around 1928 and that are Condition Rating 2. Wastewater Collection Systems coordinated review of this project with Sewer Design and it was agreed to add this project to the CIP with a July 2024 start date.

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26   | 2026-27     | 2027-28     | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|-----------|-------------|-------------|--------------------|----------------------|
| \$0             | \$50,000 | \$100,000 | \$2,500,000 | \$3,000,000 | \$0                | \$5,650,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Design Development  
**District:** 02  
**Project Location:** Monterey Park, Rosemead  
**Responsible Section:** Sewer Design  
  
**Total Project Budget:** \$3,250,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 06/01/2023  
**Project End Date:** 07/31/2026  
**Continuing Project in FY24/25**

**Description**

Rehabilitation of corroded sewer

**Justification**

Project will rehabilitate approximately 15,641 feet of 8- through 30-inch diameter non-reinforced concrete pipe (NRCP) that are assigned Condition Ratings of 2 and 3. Project will also rehabilitate 71 manholes with a protective coating system.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|---------|---------|--------------------|----------------------|
| \$150,000       | \$200,000 | \$2,900,000 | \$0     | \$0     | \$0                | \$3,250,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Planning  
**District:** 02  
**Project Location:** Los Angeles County  
**Responsible Section:** Wastewater Collection Systems  
  
**Total Project Budget:** \$500,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 01/01/2024  
**Project End Date:** 06/30/2025  
**Finishing Project in FY24/25**

**Description**

Improvements to sewer

**Justification**

A sanitary sewer overflow occurred in August 2023 due to a blockage caused by a link pipe repair sleeve that became dislodged and partially impeded flow. In response, an Invitation to Bid package will be advertised for the selected contractor to remove all known remaining link pipe repair sleeves from the JOS, and install UV sectional liners.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$60,000        | \$440,000 | \$0     | \$0     | \$0     | \$0                | \$500,000            |

\* Through June 30, 2024



# WASTEWATER

## Sewer Relief Projects



**Facility:** Gravity  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** Long Beach  
**Responsible Section:** Sewer Design  
  
**Total Project Budget:** \$2,100,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2022  
**Project End Date:** 06/30/2026  
**Continuing Project in FY24/25**

**Description**

Construction of new relief sewer

**Justification**

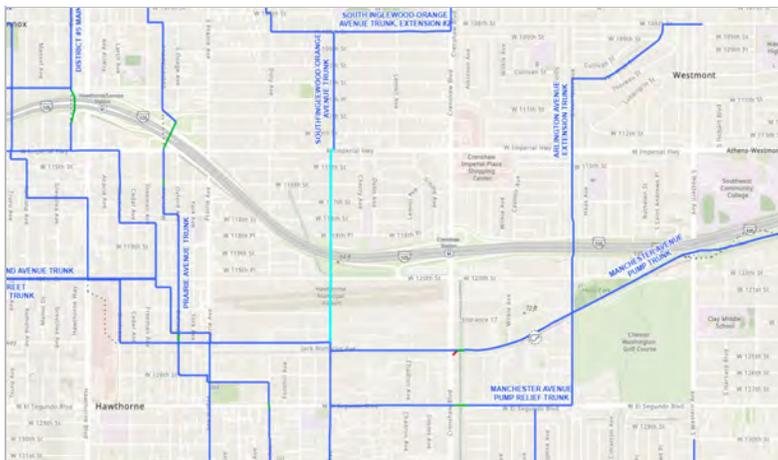
This project will construct approximately 1,560 feet of 18-inch diameter VCP/FRP relief sewer to provide hydraulic relief to the Marina Trunk Sewer Section 1A. The project will also construct three (3) Type "D" manholes, including two (2) junction structures. The sewer reaches of Marina Trunk Sewer Section 1A are downstream of the Marina No. 3 Pumping Plant and routinely surcharge during heavy rain events when the Pumping Plant and sewer system are impacted by infiltration and inflow. MH 03 345 is the lowest MH on the sewer alignment and overflowed during several rain events in 2017.

For more information, see Work Scope Memo (DOC 6885585) and Design Request Memo (DOC 5999833).

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|---------|---------|--------------------|----------------------|
| \$340,000       | \$500,000 | \$1,260,000 | \$0     | \$0     | \$0                | \$2,100,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** Inglewood  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$5,500,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 06/30/2025  
**Project End Date:** 06/30/2030  
**New Project in FY24/25**

**Description**

Construction of new relief sewer

**Justification**

4,045 feet of 21-inch RCP sewer located between MH 126 to MH 653 is anticipated to be at or over capacity when ultimate flow conditions are reached. It was approved for construction in 1932. This project will be impacted by the Hollywood Park Redevelopment Site, and services appurtenant development south of the new NFL stadium. See DMS #3629380. The highest dry peak recorded was 57% and the highest wet peak recorded was 416%, which occurred in March 2023. The rim to water surface depth was approximately 4 feet during the March 2023 storm event.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27     | 2027-28     | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-------------|-------------|--------------------|----------------------|
| \$0             | \$300,000 | \$800,000 | \$2,200,000 | \$2,200,000 | \$0                | \$5,500,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** Whittier  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$1,830,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2019  
**Project End Date:** 06/30/2025  
**Finishing Project in FY24/25**

**Description**

Construction of new relief sewer

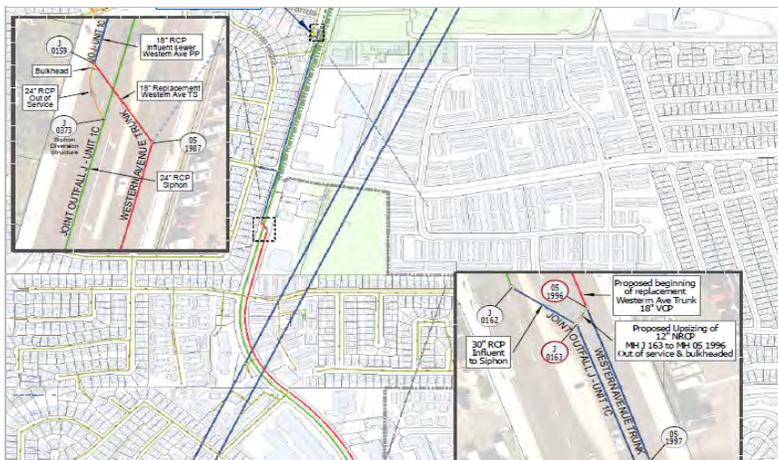
**Justification**

This project will construct approximately 2,415 feet of 15-inch vitrified clay pipe (VCP) sewer parallel to the existing Worsham Creek Trunk Sewer. The replacement sewer will provide sufficient capacity when ultimate flow conditions are reached. The existing 10-inch VCP Worsham Creek Trunk Sewer will remain in service between MHs 18 0495 and 18 0978, it was originally acquired by District No. 18 under Contract No. 1797 in 1968. The project is located entirely within the City of Whittier. See the Work Scope Memo dated August 27, 2020 (DOC 5552625).

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$835,000       | \$995,000 | \$0     | \$0     | \$0     | \$0                | \$1,830,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Planning  
**District:** 05  
**Project Location:** Rancho Palos Verdes  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$2,930,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2027  
**Continuing Project in FY24/25**

**Description**

Replacement and expansion of sewer

**Justification**

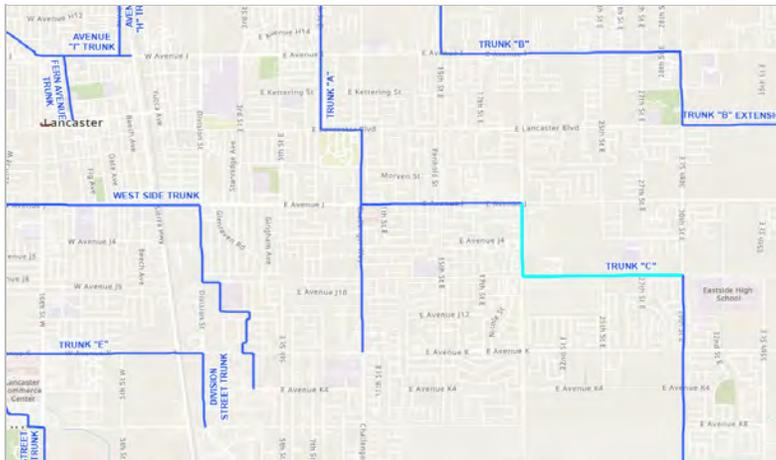
This project is the second of two phases to the Western Avenue Pumping Plant Upgrades project. The project will replace the existing Western Avenue Trunk Sewer between MH 05 1996 and MH J 0159 with approximately 2,920 feet of 18-inch diameter VCP sewer. This includes upsizing the existing 12-inch NRCP cross-connection between MH J 0163 and MH 05 1996 which allows flows from the JOJ-1C to be diverted to the Western Avenue Trunk and thus diverts the flow from entering the Siphon. The Siphon Drain Lines can be restored once the Western Avenue Trunk Sewer has been upsized and flow can be diverted away from the Siphon. This will allow complete draining of the Siphon with fewer risk posed by major flow bypass work.

See final Work Scope Memo (DMS 6014250) for details on the scope of work for the entire project.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-------------|---------|--------------------|----------------------|
| \$30,000        | \$100,000 | \$300,000 | \$2,500,000 | \$0     | \$0                | \$2,930,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Planning  
**District:** 14  
**Project Location:** Lancaster  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$4,200,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1028 - D14 Capital  
**Project Start Date:** 01/01/2024  
**Project End Date:** 12/31/2027  
**Continuing Project in FY24/25**

**Description**

Construction of new relief sewer

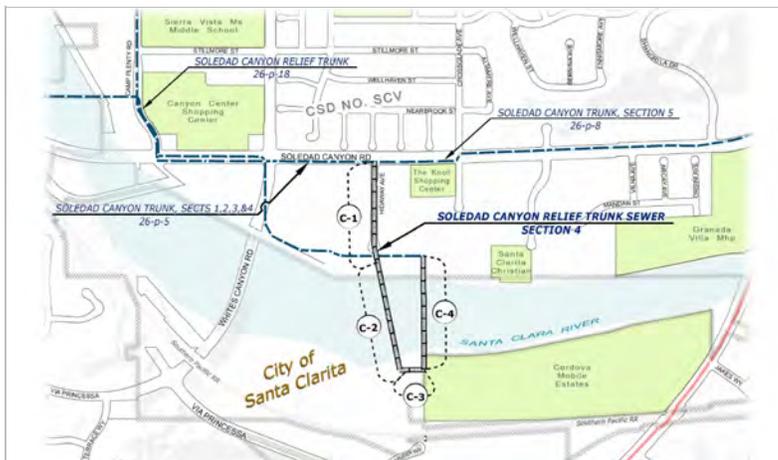
**Justification**

7,968 feet of 15-inch NRCP and VCP sewer located between MH 504 and MH 822 is nearing capacity during dry weather. It was approved for construction in 1956. The highest dry peak d/D was 85% in November 2022 and the highest wet peak d/D was 88% in March 2020 and January 2023. This sewer has the potential to be impacted by pending developments.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|---------|---------|--------------------|----------------------|
| \$100,000       | \$2,100,000 | \$2,000,000 | \$0     | \$0     | \$0                | \$4,200,000          |

\* Through June 30, 2024



|                                    |                                     |
|------------------------------------|-------------------------------------|
| <b>Facility:</b>                   | Gravity                             |
| <b>Status:</b>                     | Construction                        |
| <b>District:</b>                   | SCV                                 |
| <b>Project Location:</b>           | Santa Clarita                       |
| <b>Responsible Section:</b>        | Construction Management             |
| <b>Total Project Budget:</b>       | \$9,000,000                         |
| <b>Construction Contract Cost:</b> | \$5,465,352                         |
| <b>Funding Source(s):</b>          | 1069 - SCV Capital                  |
| <b>Project Start Date:</b>         | 09/07/2018                          |
| <b>Project End Date:</b>           | 06/30/2025                          |
|                                    | <b>Finishing Project in FY24/25</b> |

**Description**

Construction of new relief sewer

**Justification**

2,500 feet of 15-inch and 18-inch sewer located between MH 32 1103 and MH 32 1114 is nearing or at capacity during dry weather. The reach between MH 32 1111 and 32 1112 is lined with a 13.85-inch PEP liner and surcharges daily. The sewer was constructed under private contract and acquired by the Sanitation Districts in 1964. The highest dry peak d/D was 106 percent in June 2018. No peak wet weather flow data is available. A relief recommendation memo is currently being prepared by Wastewater Collection Systems Section. The capacity rating for this sewer is an "A" because it will be impacted by developments currently under construction. The precise scope of this project has not yet been determined. Wastewater Collection Systems Section will continue to monitor wet weather flows in the sewer to support the relief sewer design.

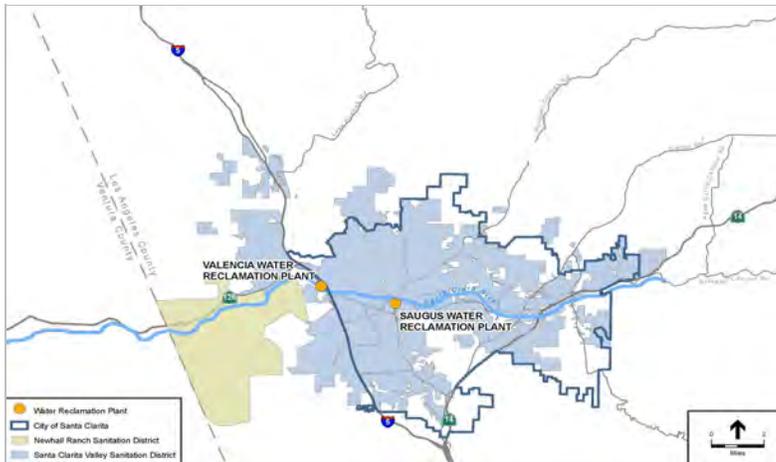
Per the Preliminary Design Report (DOC 4885018), this project will construct approximately 2,900 feet of 27-inch diameter sewer and appurtenant structures.

Due to the rise in groundwater elevation near the Santa Clara River and the City of Santa Clarita soil embankment project, the project requires changes to the tunneling method and alignment. Costs for the new tunneling method and alignment change will be added to the budget.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$7,500,000     | \$1,500,000 | \$0     | \$0     | \$0     | \$0                | \$9,000,000          |

\* Through June 30, 2024



**Facility:** Gravity  
**Status:** Planning  
**District:** NR  
**Project Location:** NR  
**Responsible Section:** Planning

**Total Project Budget:** \$360,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1074 - NR Capital  
**Project Start Date:** 07/01/2018  
**Project End Date:** 06/30/2029  
**Continuing Project in FY24/25**

**Description**

Design support for new sewer facilities

**Justification**

FivePoint/Newhall Land and Farming will be funding the District expenses for the review and inspection of new sewer facilities. This project is for budgeting the expenses covered under ERP Project # 1000296 Task 10-01-00 through 10-03-00.

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26  | 2026-27  | 2027-28  | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|----------|----------|----------|--------------------|----------------------|
| \$300,000       | \$15,000 | \$15,000 | \$15,000 | \$15,000 | \$0                | \$360,000            |

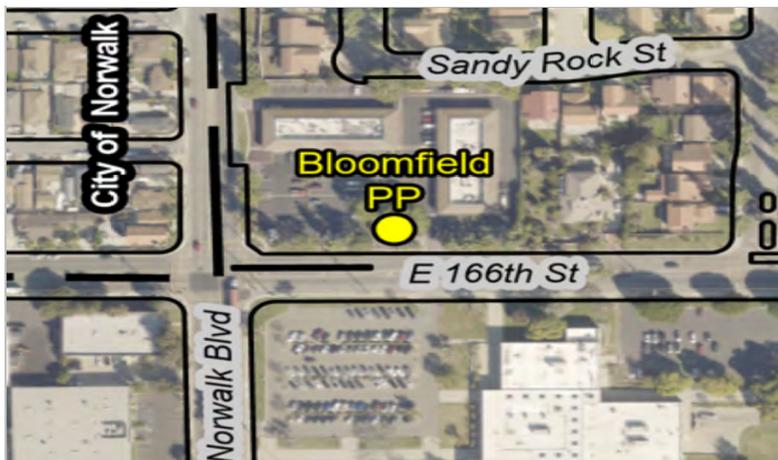
\* Through June 30, 2024



# WASTEWATER

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## Redundant Force Mains



|                                      |   |
|--------------------------------------|---|
| <b>Facility:</b>                     | Force Main                                    |
| <b>Status:</b>                       | Design Development                            |
| <b>District:</b>                     | Joint Outfall                                 |
| <b>Project Location:</b>             | 12229 E. 166th St, Cerritos, California 90703 |
| <b>Responsible Section:</b>          | Sewer Design                                  |
| <b>Total Project Budget:</b>         | \$5,000,000                                   |
| <b>Construction Contract Cost:</b>   |   |
| <b>Funding Source(s):</b>            | 1077 - JO Capital                             |
| <b>Project Start Date:</b>           | 07/01/2019                                    |
| <b>Project End Date:</b>             | 06/30/2027                                    |
| <b>Continuing Project in FY24/25</b> |   |

**Description**

Force main improvements

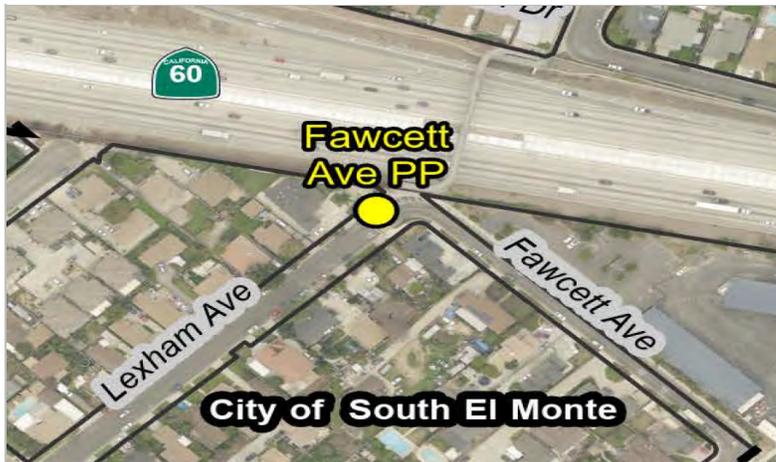
**Justification**

This project will construct a new 24-inch diameter HDPE Force Main (FM) No. 1 to replace existing 15-inch diameter FM No. 1. Upon completion, existing FM No. 2 will be operated as the redundant force main. The proposed alignment will parallel the existing FM No. 1 alignment along Norwalk Boulevard to a new breakover manhole and a new junction structure on the existing South Whittier Outfall Trunk Sewer at Alondra Boulevard. A separate project for the Bloomfield Pumping Plant modifications will be completed by the C&M Design Section for all proposed modifications within the Pumping Plant property, including proposed yard piping and changes to the valve box. For more information, see Work Scope Memo (Doc# 5889131) and 50% Memo (Doc #6313571).

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|-------------|---------|--------------------|----------------------|
| \$580,000       | \$300,000 | \$2,500,000 | \$1,620,000 | \$0     | \$0                | \$5,000,000          |

\* Through June 30, 2024



|                                    |   |
|------------------------------------|---|
| <b>Facility:</b>                   | Force Main  |
| <b>Status:</b>                     | Planning  |
| <b>District:</b>                   | Joint Outfall                                     |
| <b>Project Location:</b>           | 1057 Lexham Ave, South El Monte, California 91733 |
| <b>Responsible Section:</b>        | Sewer Design                                      |
| <b>Total Project Budget:</b>       | \$200,000   |
| <b>Construction Contract Cost:</b> |   |
| <b>Funding Source(s):</b>          | 1077 - JO Capital                                 |
| <b>Project Start Date:</b>         | 07/01/2023  |
| <b>Project End Date:</b>           | 06/30/2025  |
|                                    | <b>Finishing Project in FY24/25</b>               |

**Description**

Force main improvements

**Justification**

The FM for the Plant is constructed of 60+ year old CIP. The Plant does not have a redundant FM or gravity bypass. Project would consist of replacing existing pipe with two new force main pipes and the construction of a vault for valves and cross connection between FMs.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$50,000        | \$150,000 | \$0     | \$0     | \$0     | \$0                | \$200,000            |

\* Through June 30, 2024



**Facility:** Force Main  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** 200 Herondo St, Redondo Beach, California 90277  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$1,500,000

**Construction Contract Cost:**

**Funding Source(s):** 1077 - JO Capital

**Project Start Date:** 07/01/2020

**Project End Date:** 06/30/2025

**Finishing Project in FY24/25**

**Description**

Force main improvements

**Justification**

The Plant has two (2) force mains constructed at different times. FM No. 1 was constructed in 1970 with the original Plant, consisting of 1,000,000,100 feet of 10-inch diameter reinforced plastic mortar pipe (RPMP) or Techite and has failed three (3) times since its construction. FM No. 2 was constructed in 1991 consisting of 1,380 feet of 10-inch diameter ductile iron pipe (DIP) and has thus replaced FM No. 1.

This project will replace the existing Techite force main with approximately 1,100 feet of new 10-inch diameter HDPE diameter force main, mostly within the same alignment as the existing FM No. 1, except at the intersection of Herondo Street and Monterey Boulevard, where it would parallel the existing FM No. 2 to avoid work within an existing parkette and rehabilitate the existing wet well and appurtenant structures.

See DOC No. 6754642 for Final Preliminary Design Report prepared by CDM Smith and Design Scope Change (DSC-0001) for additional scope added to the project.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$620,000       | \$880,000 | \$0     | \$0     | \$0     | \$0                | \$1,500,000          |

\* Through June 30, 2024



|                                    |  |
|------------------------------------|--|
| <b>Facility:</b>                   | Force Main                                       |
| <b>Status:</b>                     | Design Development                               |
| <b>District:</b>                   | Joint Outfall                                    |
| <b>Project Location:</b>           | 180 N. Indiana St, Los Angeles, California 90063 |
| <b>Responsible Section:</b>        | Sewer Design                                     |
| <b>Total Project Budget:</b>       | \$900,000  |
| <b>Construction Contract Cost:</b> |  |
| <b>Funding Source(s):</b>          | 1077 - JO Capital                                |
| <b>Project Start Date:</b>         | 07/01/2024                                       |
| <b>Project End Date:</b>           | 06/30/2028                                       |
| <b>New Project in FY24/25</b>      |  |

**Description**

Force main improvements

**Justification**

The force main is asbestos cement pipe constructed in 1962. The FM crosses a Metro rail line. The Plant has a storage sump & upstream flow diversion at MH 02-2450, but lacks a redundant force main. Due to the age and pipe material, the single force main should be replaced with two new force mains.

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26   | 2026-27   | 2027-28   | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|-----------|-----------|-----------|--------------------|----------------------|
| \$0             | \$50,000 | \$100,000 | \$200,000 | \$550,000 | \$0                | \$900,000            |

\* Through June 30, 2024



|                                    |                   |
|------------------------------------|-------------------|
| <b>Facility:</b>                   | Force Main        |
| <b>Status:</b>                     | Planning          |
| <b>District:</b>                   | Joint Outfall     |
| <b>Project Location:</b>           | Redondo Beach     |
| <b>Responsible Section:</b>        | Sewer Design      |
| <b>Total Project Budget:</b>       | \$5,300,000       |
| <b>Construction Contract Cost:</b> |                   |
| <b>Funding Source(s):</b>          | 1077 - JO Capital |
| <b>Project Start Date:</b>         | 01/01/2025        |
| <b>Project End Date:</b>           | 06/30/2028        |
| <b>New Project in FY24/25</b>      |                   |

**Description**

Force main improvements

**Justification**

The single FM for the Plant was constructed in 1962 and consists of RCP with a small segment of CIP. At the end of the FM, where the pipe breaks over to gravity, the RCP is subject to corrosion. In addition, the Plant has only a single force main with a gravity bypass if the FM is out of service. The gravity bypass cannot accommodate peak dry weather flow (1350 gpm capacity, peak flow of 2200 gpm). A long-term gravity bypass would require additional pumps to be set up at downstream MH and at Gertruda PP and Herondo St. PP (see DSPP Emergency Procedures Manual Figures 5 & 6).

The project would include lining of the existing force main, construction of a new and redundant force main, installation of a flow meter, construction of the force main valve vault, and rehabilitation of the wet well lining system.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27     | 2027-28     | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|-------------|-------------|--------------------|----------------------|
| \$0             | \$500,000 | \$1,000,000 | \$1,750,000 | \$2,050,000 | \$0                | \$5,300,000          |

\* Through June 30, 2024



**Facility:** Force Main  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** Carson, Long Beach, Los Angeles  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$33,300,000

**Construction Contract Cost:**

**Funding Source(s):** 1077 - JO Capital

**Project Start Date:** 07/01/2015

**Project End Date:** 06/30/2028

**Continuing Project in FY24/25**

**Description**

Force main improvements

**Justification**

The existing 54-in sewer is one of two RCP force mains for LBMPP. The second 60-in sewer was rehabilitated in 1986 with cement mortar lining. Both force mains are operated together to reduce internal pressures and prevent leaks. There have been at least four leaks from the 54-in force main since 1979, with causes ranging from joint failures to pipe crown failures caused by sulfide corrosion within air pockets. The latest leak occurred in 2005 from undetermined causes. The LBMPP Facilities Upgrade Project added a new pump station but kept the existing force mains. The new facility was designed to convey future peak dry and wet flows. Repair of the 54-in force main is needed to provide redundancy and capacity for future peak flows. This project consolidates two formerly separate Unifier CIP projects: 1) Joint Outfall C Unit 1 Force Main Repair and 2) Joint Outfall C Unit 1 Force Main Valve Replacement. Refer to PDR and supplemental reports (DMS#s 1879169 and 1973581) for previous analyses of options to repair the 54-in force main. Refer to DMS# 3112674 for results of CCTV investigation completed in 2014.

The new project will rehabilitate approximately 9,500 feet of 54-in RCP from MH C51 at LBMPP to MH C39 at the Surge Tower. The project will also separate the 54-in and 60-in force mains to allow isolation of the force mains for emergency, future inspection and repair. The separation includes a new alignment for the 60-in force main and new diversion structures north of the existing Surge Tower. Most of the valves along the 54-in and 60-in force main alignments are more than 50 years old and some are completely inoperable. The project includes replacement of selected valves only on the isolated force mains. Refer to current PDR for project detail (DMS# 6178682).

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27      | 2027-28      | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|--------------|--------------|--------------------|----------------------|
| \$1,900,000     | \$300,000 | \$500,000 | \$15,000,000 | \$15,600,000 | \$0                | \$33,300,000         |

\* Through June 30, 2024



**Facility:** Force Main  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** Rancho Palos Verdes  
**Responsible Section:** Civil and Mechanical Design

**Total Project Budget:** \$57,000,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 01/01/2021  
**Project End Date:** 06/30/2028  
**Continuing Project in FY24/25**

**Description**

Force main improvements

**Justification**

This project will include relocation of the 8,000-foot aboveground Joint Outfall "J" Unit 1F Force Mains due to the risks of landslide-related ground movement.

The Abalone Cove Pumping Plant includes force mains consisting of two aboveground 14-inch diameter steel pipelines approximately 8,000 feet in length that follow Palos Verdes Drive South from the Abalone Cove Pumping Plant to the JO "J" Unit 1E sewer downstream. Due to the continuous ground movement, the force mains require weekly visual inspections and are adjusted as necessary. In addition to the elevated costs and manpower to operate and maintain the force mains, failures resulting in sewage spills are a constant concern. The Districts will pursue the option of relocating the force mains to more stable areas.

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26  | 2026-27  | 2027-28      | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|----------|----------|--------------|--------------------|----------------------|
| \$465,000       | \$15,000 | \$15,000 | \$55,000 | \$56,450,000 | \$0                | \$57,000,000         |

\* Through June 30, 2024



|                                    |   |
|------------------------------------|---|
| <b>Facility:</b>                   | Force Main  |
| <b>Status:</b>                     | Design Development                                      |
| <b>District:</b>                   | Joint Outfall   |
| <b>Project Location:</b>           | 6268 E. Pacific Coast Hwy, Long Beach, California 90803 |
| <b>Responsible Section:</b>        | Sewer Design  |
| <b>Total Project Budget:</b>       | \$2,300,000   |
| <b>Construction Contract Cost:</b> |   |
| <b>Funding Source(s):</b>          | 1077 - JO Capital                                       |
| <b>Project Start Date:</b>         | 07/01/2020  |
| <b>Project End Date:</b>           | 06/30/2025  |
|                                    | <b>Finishing Project in FY24/25</b>                     |

**Description**

Force main improvements

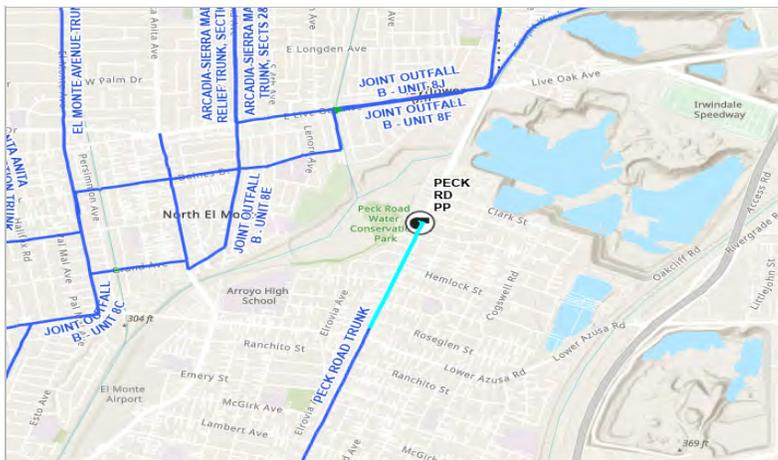
**Justification**

This project will replace approximately 760 feet of 10- to 12-inch DIP, Steel, and CIP Force Main no. 1 with 12-inch HDPE and rehabilitate approximately 561 feet of 12-inch DIP, CIP, RTRP, and VCP on Force Main no. 2 with CIPP on the Marina Pumping Plant No. 2. The project will also rehabilitate two (2) manholes with a protective coating system, construct two (2) cleanout structures and one (1) breakover MH. For more information, see Work Scope Memo (DOC# 6135147).

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$385,000       | \$1,915,000 | \$0     | \$0     | \$0     | \$0                | \$2,300,000          |

\* Through June 30, 2024



**Facility:** Force Main  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** Arcadia, El Monte  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$3,500,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2021  
**Project End Date:** 06/30/2028  
**Continuing Project in FY24/25**

**Description**

Construction of new sewer

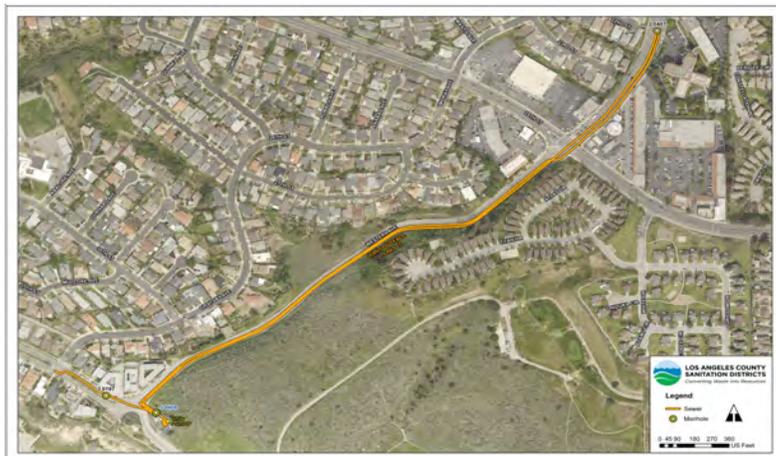
**Justification**

In lieu of constructing a redundant force main at Peck Rd. PP, a gravity sewer is proposed to replace the the PP. This project will construct approximately 3,350 feet of 12-inch diameter VCP sewer from MH 15-919 (upstream of the Peck Rd PP) to MH 15-208 on the Peck Road Trunk on Peck Rd between Lower Azusa Rd and Roseglen St. in the cities of Arcadia and El Monte.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27     | 2027-28     | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-------------|-------------|--------------------|----------------------|
| \$200,000       | \$200,000 | \$300,000 | \$1,000,000 | \$1,800,000 | \$0                | \$3,500,000          |

\* Through June 30, 2024



**Facility:** Force Main  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** Los Angeles  
**Responsible Section:** Sewer Design  
  
**Total Project Budget:** \$2,000,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2024  
**Project End Date:** 06/30/2028  
**New Project in FY24/25**

**Description**

Force main improvements

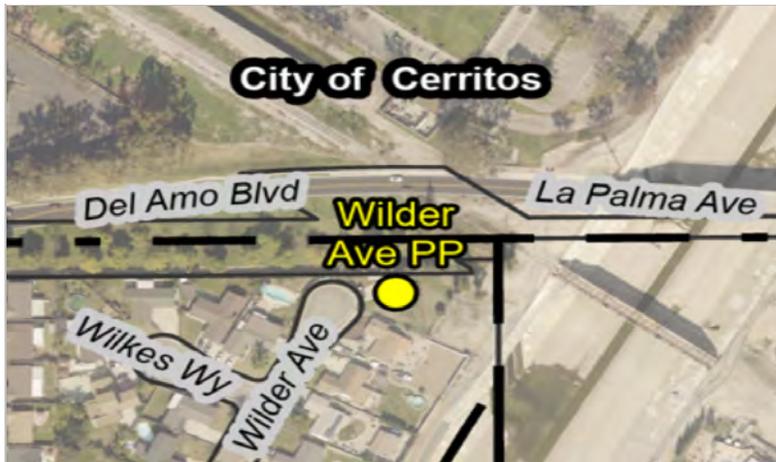
**Justification**

Joint Outfall J Unit 1D is the redundant FM for the White Point Pumping Plant. The FM is constructed of 50+ year old steel pipe. The pipe has cathodic protection that was not maintained for long periods of time so the condition is questionable. In addition, between the Plant and MH J 408 there is 80 feet of 50+year old CIP that is common to both FMs, which should be replaced.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27   | 2027-28     | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-----------|-------------|--------------------|----------------------|
| \$0             | \$100,000 | \$200,000 | \$500,000 | \$1,200,000 | \$0                | \$2,000,000          |

\* Through June 30, 2024



|                                      |  |
|--------------------------------------|--|
| <b>Facility:</b>                     | Force Main                                   |
| <b>Status:</b>                       | Planning                                     |
| <b>District:</b>                     | Joint Outfall                                |
| <b>Project Location:</b>             | 20302 Wilder Ave, Lakewood, California 90715 |
| <b>Responsible Section:</b>          | Sewer Design                                 |
| <b>Total Project Budget:</b>         | \$550,000                                    |
| <b>Construction Contract Cost:</b>   |  |
| <b>Funding Source(s):</b>            | 1077 - JO Capital                            |
| <b>Project Start Date:</b>           | 01/01/2024                                   |
| <b>Project End Date:</b>             | 01/01/2027                                   |
| <b>Continuing Project in FY24/25</b> |  |

**Description**

Force main improvements

**Justification**

FM is constructed of over 50-year old CIP. In addition, pipe is subject to air exposure due to the fact that the majority of the FM is downward sloping so the pipe empties out between pump cycles. The Plant does not have a redundant force main and the gravity bypass does not have full wet weather capacity.

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26   | 2026-27   | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|-----------|-----------|---------|--------------------|----------------------|
| \$35,000        | \$75,000 | \$165,000 | \$275,000 | \$0     | \$0                | \$550,000            |

\* Through June 30, 2024



|                                    |  |
|------------------------------------|--|
| <b>Facility:</b>                   | Force Main                                     |
| <b>Status:</b>                     | Planning                                       |
| <b>District:</b>                   | 29   |
| <b>Project Location:</b>           | 2775 E. 28th St, Signal Hill, California 90755 |
| <b>Responsible Section:</b>        | Sewer Design                                   |
| <b>Total Project Budget:</b>       | \$500,000                                      |
| <b>Construction Contract Cost:</b> |  |
| <b>Funding Source(s):</b>          | 1063 - D29 Capital                             |
| <b>Project Start Date:</b>         | 07/01/2023                                     |
| <b>Project End Date:</b>           | 06/30/2025                                     |
|                                    | <b>Finishing Project in FY24/25</b>            |

**Description**

Force main improvements

**Justification**

The existing force main is asbestos cement pipe constructed in 1972. There is no redundant force main or gravity bypass. Due to the high risk score from the force main risk model, the single force main should be replaced with two new force mains.

Note (as of 5/10/22): Sewer Design will be evaluating a gravity diversion sewer for Spring Street Pumping Plant, which may also eliminate 28th Street Pumping Plant. Therefore, the schedule for the 28th Street Pumping Plant force main project is being pushed out one year until a decision is made whether to install a diversion sewer versus renovate Spring Street Pumping Plant.

Note (as of 6/4/24): The Spring Street Pumping Plant Facility Improvements will be awarded this month. Therefore the subject project is still needed.

**Budget Projections**

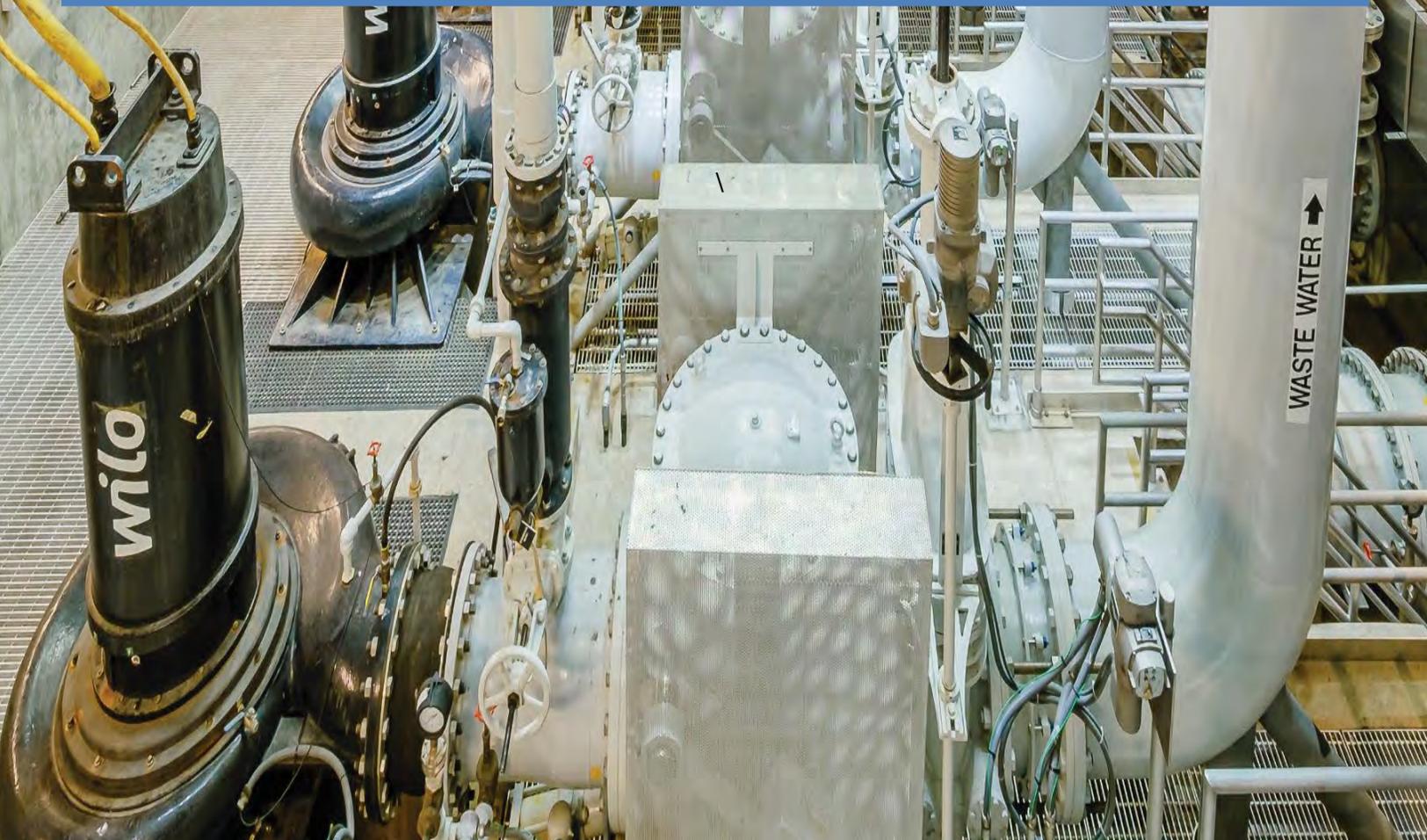
| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$150,000       | \$350,000 | \$0     | \$0     | \$0     | \$0                | \$500,000            |

\* Through June 30, 2024



# WASTEWATER

## Pumping Plants





|                                    |  |
|------------------------------------|--|
| <b>Facility:</b>                   | Beach Avenue Pumping Plant                 |
| <b>Status:</b>                     | Planning                                   |
| <b>District:</b>                   | Joint Outfall                              |
| <b>Project Location:</b>           | 362 Beach Ave, Inglewood, California 90302 |
| <b>Responsible Section:</b>        | Wastewater Collection Systems              |
| <b>Total Project Budget:</b>       | \$325,000                                  |
| <b>Construction Contract Cost:</b> |  |
| <b>Funding Source(s):</b>          | 1077 - JO Capital                          |
| <b>Project Start Date:</b>         | 07/01/2022                                 |
| <b>Project End Date:</b>           | 06/30/2025                                 |
|                                    | <b>Finishing Project in FY24/25</b>        |

**Description**

Pumping plant improvements

**Justification**

The variable frequency drives (VFDs) are Robicon models and were installed at the Beach Avenue Pumping Plant in 2006. Although there are no existing operational issues associated with these drives, these Robicon drives are obsolete. The manufacturer no longer supports these models and spare parts are not available from the manufacturer. In addition, these drives are also approaching the end of their service life (15 years). Staff is recommending the replacement of the VFD(s) to increase the plant's reliability.

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|---------|---------|---------|--------------------|----------------------|
| \$230,000       | \$95,000 | \$0     | \$0     | \$0     | \$0                | \$325,000            |

\* Through June 30, 2024



|                                    |   |
|------------------------------------|---|
| <b>Facility:</b>                   | Bluff Cove Pumping Plant                                    |
| <b>Status:</b>                     | Planning  |
| <b>District:</b>                   | Joint Outfall   |
| <b>Project Location:</b>           | 1499U Paseo Del Mar, Palos Verdes Estates, California 90274 |
| <b>Responsible Section:</b>        | Wastewater Collection Systems                               |
| <b>Total Project Budget:</b>       | \$750,000   |
| <b>Construction Contract Cost:</b> |   |
| <b>Funding Source(s):</b>          | 1077 - JO Capital   |
| <b>Project Start Date:</b>         | 01/01/2025  |
| <b>Project End Date:</b>           | 12/31/2027  |
| <b>New Project in FY24/25</b>      |   |

**Description**

Pumping plant improvements

**Justification**

The Plant is in need of various improvements to increase functionality and reliability of the Plant. The scope of work includes replacing existing generator, ATS, and MTS; relocating switchboard, MCC, CP-1, and ATS above the submergence zone; new restroom, install security cameras and install fence around the perimeter.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27   | 2027-28   | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-----------|-----------|--------------------|----------------------|
| \$0             | \$150,000 | \$225,000 | \$275,000 | \$100,000 | \$0                | \$750,000            |

\* Through June 30, 2024



|                                    |   |
|------------------------------------|---|
| <b>Facility:</b>                   | Bluff Cove Pumping Plant                                    |
| <b>Status:</b>                     | Planning  |
| <b>District:</b>                   | Joint Outfall   |
| <b>Project Location:</b>           | 1499U Paseo Del Mar, Palos Verdes Estates, California 90274 |
| <b>Responsible Section:</b>        | Wastewater Collection Systems                               |
| <b>Total Project Budget:</b>       | \$450,000   |
| <b>Construction Contract Cost:</b> |   |
| <b>Funding Source(s):</b>          | 1077 - JO Capital   |
| <b>Project Start Date:</b>         | 01/01/2024  |
| <b>Project End Date:</b>           | 12/31/2025  |
|                                    | <b>Continuing Project in FY24/25</b>                        |

## Description

Pumping plant improvements

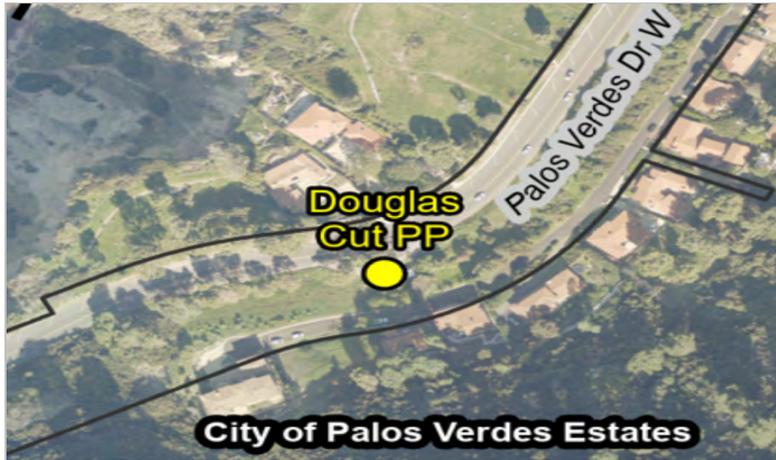
## Justification

This project will include the replacement of existing pumps, installation of flow meters and replacement of motor starters with soft starters to improve the functionality of the Plant.

## Budget Projections

| Budget to Date* | 2024-25  | 2025-26   | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|-----------|---------|---------|--------------------|----------------------|
| \$40,500        | \$94,500 | \$315,000 | \$0     | \$0     | \$0                | \$450,000            |

\* Through June 30, 2024



|                                    |   |
|------------------------------------|---|
| <b>Facility:</b>                   | Douglas Cut Pumping Plant   |
| <b>Status:</b>                     | Planning  |
| <b>District:</b>                   | Joint Outfall   |
| <b>Project Location:</b>           | 1116U Palos Verdes Drive West,<br>Palos Verdes Estates, California<br>90274 |
| <b>Responsible Section:</b>        | Wastewater Collection Systems   |
| <b>Total Project Budget:</b>       | \$750,000   |
| <b>Construction Contract Cost:</b> |   |
| <b>Funding Source(s):</b>          | 1077 - JO Capital   |
| <b>Project Start Date:</b>         | 01/01/2025  |
| <b>Project End Date:</b>           | 12/31/2027  |
| <b>New Project in FY24/25</b>      |   |

**Description**

Pumping plant improvements

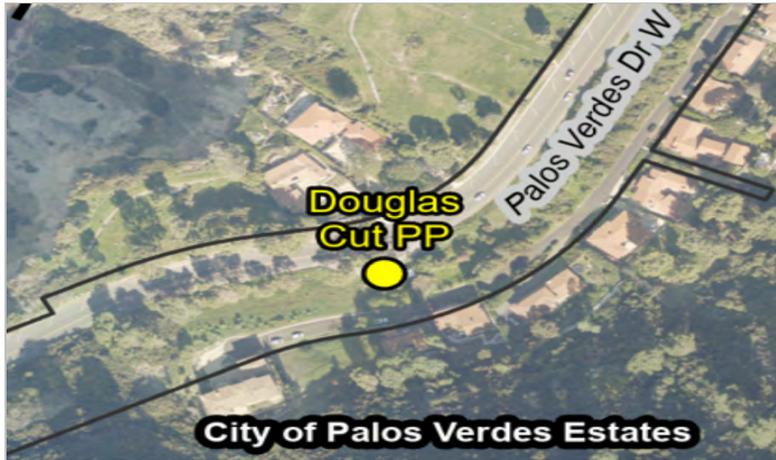
**Justification**

The Plant is in need of various improvements to increase functionality and reliability of the Plant. The scope of work includes replacing existing generator, ATS, and MTS; relocating switchboard, MCC, CP-1, and ATS above the submergence zone; new restroom, install security cameras and install fence around the perimeter.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27   | 2027-28   | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-----------|-----------|--------------------|----------------------|
| \$0             | \$150,000 | \$225,000 | \$275,000 | \$100,000 | \$0                | \$750,000            |

\* Through June 30, 2024



|                                    |   |
|------------------------------------|---|
| <b>Facility:</b>                   | Douglas Cut Pumping Plant   |
| <b>Status:</b>                     | Planning  |
| <b>District:</b>                   | Joint Outfall   |
| <b>Project Location:</b>           | 1116U Palos Verdes Drive West,<br>Palos Verdes Estates, California<br>90274 |
| <b>Responsible Section:</b>        | Wastewater Collection Systems   |
| <b>Total Project Budget:</b>       | \$450,000   |
| <b>Construction Contract Cost:</b> |   |
| <b>Funding Source(s):</b>          | 1077 - JO Capital   |
| <b>Project Start Date:</b>         | 01/01/2024  |
| <b>Project End Date:</b>           | 12/31/2025  |
|                                    | <b>Continuing Project in FY24/25</b>  |

**Description**

Pumping plant improvements

**Justification**

This project includes the construction of various improvements to improve the functionality of the Plant. These improvements include: pump replacement, new flow meters, and replacement of motor starters with soft starters.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|---------|---------|--------------------|----------------------|
| \$90,000        | \$135,000 | \$225,000 | \$0     | \$0     | \$0                | \$450,000            |

\* Through June 30, 2024



**Facility:** Gardena Pumping Plant  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** 1919 Artesia Blvd, Gardena, California 90274  
**Responsible Section:** Civil and Mechanical Design

**Total Project Budget:** \$49,500,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2019  
**Project End Date:** 06/30/2028  
**Continuing Project in FY24/25**

**Description**

Pumping plant improvements

**Justification**

The 50+ year old pumps are obsolete and replacement parts are difficult to acquire, pumps are prone to ragging and need frequent clearing. The standby generator that services both Gardena West PP and the adjacent Gardena East PP is undersized and the ATS is obsolete. Fall protection is needed for wetwell lids that are located in path of front doors. See DMS Nos. 3636020 and 3811168 for more information.

Preliminary recommendation from Wastewater and Solid Waste Design is to construct a new, single Plant at a new location. Property Management will attempt to secure adjacent property.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26      | 2026-27      | 2027-28     | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|--------------|--------------|-------------|--------------------|----------------------|
| \$6,700,000     | \$2,500,000 | \$19,000,000 | \$16,000,000 | \$5,300,000 | \$0                | \$49,500,000         |

\* Through June 30, 2024



**Facility:** Long Beach Interceptor Pumping Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 6330 Atherton St, Long Beach, California 90815  
**Responsible Section:** Wastewater Collection Systems

**Total Project Budget:** \$500,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 01/01/2023  
**Project End Date:** 06/30/2025  
**Finishing Project in FY24/25**

**Description**

Pumping plant improvements

**Justification**

The three existing VFDs were installed at the Long Beach Interceptor Sewage Side Plant in 1994 and have exceeded their service life (15 years). Staff recommends replacement of the VFDs to increase the plant's reliability.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$50,000        | \$450,000 | \$0     | \$0     | \$0     | \$0                | \$500,000            |

\* Through June 30, 2024



**Facility:** Long Beach Main Pumping Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 1238 W. 16th St, Long Beach, California 90813  
**Responsible Section:** Wastewater Collection Systems

**Total Project Budget:** \$1,500,000

**Construction Contract Cost:**

**Funding Source(s):** 1077 - JO Capital

**Project Start Date:** 01/01/2021

**Project End Date:** 06/30/2025

**Finishing Project in FY24/25**

**Description**

Pumping plant improvements

**Justification**

Four existing pumps at the new LBMPP do not meet the design flow capacity due to impaired performance. The four proposed replacement pumps are uniquely designed to be non-clogging and non-ragging and have proven to be reliable with two pumps that were previously replaced. The installation of the four new replacement pumps will increase the pumping capacity of the LBMPP to meet the projected peak wet weather flow conditions with one redundant pump thereby reducing risk of overflow. Upon successful commissioning of the four replacement pumps the old LBMPP will no longer be needed and can be decommissioned.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$100,000       | \$1,400,000 | \$0     | \$0     | \$0     | \$0                | \$1,500,000          |

\* Through June 30, 2024





|                                      |   |
|--------------------------------------|---|
| <b>Facility:</b>                     | Marina No. 1 Pumping Plant                              |
| <b>Status:</b>                       | Construction  |
| <b>District:</b>                     | Joint Outfall   |
| <b>Project Location:</b>             | 6120 E. Pacific Coast Hwy, Long Beach, California 90803 |
| <b>Responsible Section:</b>          | Civil and Mechanical Design                             |
| <b>Total Project Budget:</b>         | \$5,600,000   |
| <b>Construction Contract Cost:</b>   | \$4,496,411   |
| <b>Funding Source(s):</b>            | 1077 - JO Capital                                       |
| <b>Project Start Date:</b>           | 11/01/2021  |
| <b>Project End Date:</b>             | 12/31/2026  |
| <b>Continuing Project in FY24/25</b> |   |

**Description**

Pumping plant improvements

**Justification**

This project will provide site improvements at the Marina Pumping Plant No. 1 to improve safety, security, aesthetics and functionality. The work will consist of construction of: motor operated valves on the force mains, flow meter on the existing force mains, security cameras, upgraded lighting, replacement of access and vault hatches, at grade restroom, electrical equipment upgrade, replacement of VFCs, and rehabilitation of wetwell. WCS estimates a total cost of \$1,000,000 for the project. The project cost, cashflow and schedule for the project will be updated after completion of the PDR.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26     | 2026-27   | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|-----------|---------|--------------------|----------------------|
| \$1,150,000     | \$3,000,000 | \$1,100,000 | \$350,000 | \$0     | \$0                | \$5,600,000          |

\* Through June 30, 2024



|                                      |   |
|--------------------------------------|---|
| <b>Facility:</b>                     | Marina No. 2 Pumping Plant                              |
| <b>Status:</b>                       | Design Development                                      |
| <b>District:</b>                     | Joint Outfall   |
| <b>Project Location:</b>             | 6268 E. Pacific Coast Hwy, Long Beach, California 90803 |
| <b>Responsible Section:</b>          | Civil and Mechanical Design                             |
| <b>Total Project Budget:</b>         | \$4,500,000   |
| <b>Construction Contract Cost:</b>   |   |
| <b>Funding Source(s):</b>            | 1077 - JO Capital                                       |
| <b>Project Start Date:</b>           | 07/01/2015  |
| <b>Project End Date:</b>             | 06/30/2027  |
| <b>Continuing Project in FY24/25</b> |   |

**Description**

Pumping plant improvements

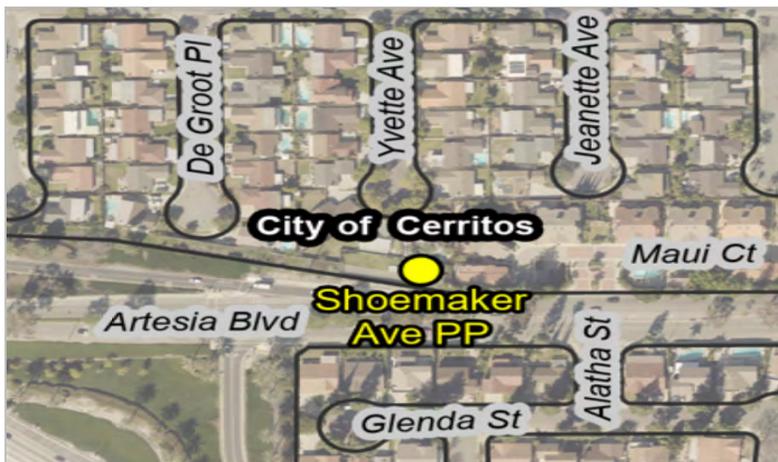
**Justification**

This project will provide site improvements at Marina Pumping Plant No. 2 to improve safety, security, aesthetics and functionality. The work will consist of: replacement of the pumps and drywell piping, replacement of electrical equipment to eliminate single points of failure, perimeter security fence, site paving, at-grade restroom and electrical building, concrete repair of the wetwell, new sealed wetwell hatch, new plant access hatch, new access hatch, ladder, and lighting for each of two existing valve structures, motor operated force main isolation valves, and area lighting.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|-------------|---------|--------------------|----------------------|
| \$1,380,000     | \$100,000 | \$2,000,000 | \$1,020,000 | \$0     | \$0                | \$4,500,000          |

\* Through June 30, 2024



|                                      |  |
|--------------------------------------|--|
| <b>Facility:</b>                     | Shoemaker Pumping Plant                        |
| <b>Status:</b>                       | Planning                                       |
| <b>District:</b>                     | Joint Outfall                                  |
| <b>Project Location:</b>             | 12901 Artesia Blvd, Cerritos, California 90703 |
| <b>Responsible Section:</b>          | Civil and Mechanical Design                    |
| <b>Total Project Budget:</b>         | \$5,600,000                                    |
| <b>Construction Contract Cost:</b>   |  |
| <b>Funding Source(s):</b>            | 1077 - JO Capital                              |
| <b>Project Start Date:</b>           | 01/01/2024                                     |
| <b>Project End Date:</b>             | 12/31/2028                                     |
| <b>Continuing Project in FY24/25</b> |  |

## Description

Pumping plant improvements

## Justification

This project includes the replacement of existing pumps, replacement of dry well piping, new suction and discharge valves, retrofit of existing force main valves in MH F 336 with electric actuators, rehabilitation of the wet well with PVC liner, replacement of wet well hatch, and installation of security cameras.

## Budget Projections

| Budget to Date* | 2024-25   | 2025-26     | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|-------------|---------|--------------------|----------------------|
| \$250,000       | \$500,000 | \$2,000,000 | \$2,850,000 | \$0     | \$0                | \$5,600,000          |

\* Through June 30, 2024



|                                      |   |
|--------------------------------------|---|
| <b>Facility:</b>                     | Spring Street Pumping Plant                   |
| <b>Status:</b>                       | Construction                                  |
| <b>District:</b>                     | Joint Outfall                                 |
| <b>Project Location:</b>             | 2200 Spring St, Signal Hill, California 90755 |
| <b>Responsible Section:</b>          | Civil and Mechanical Design                   |
| <b>Total Project Budget:</b>         | \$13,200,000                                  |
| <b>Construction Contract Cost:</b>   | \$8,842,847                                   |
| <b>Funding Source(s):</b>            | 1077 - JO Capital                             |
| <b>Project Start Date:</b>           | 06/01/2018                                    |
| <b>Project End Date:</b>             | 12/31/2026                                    |
| <b>Continuing Project in FY24/25</b> |   |

## Description

Pumping plant improvements

## Justification

This facility currently does not have a backup electrical generator to provide for uninterrupted operation of the pumping plant during an electrical outage. Instead, the pumping plant utilizes a diesel driven pump. Based on a pump test conducted in May 2016, this engine driven pump is undersized for wet weather flows. It is recommended that a generator that allows the pumping plant to be fully functional during a power outage be installed. As part of the recently completed force main project (JO"C"-3G FM No. 2), approximately 700 feet of duct bank was installed to allow for future installation of a standby generator in the City of Signal Hill Public Works yard.

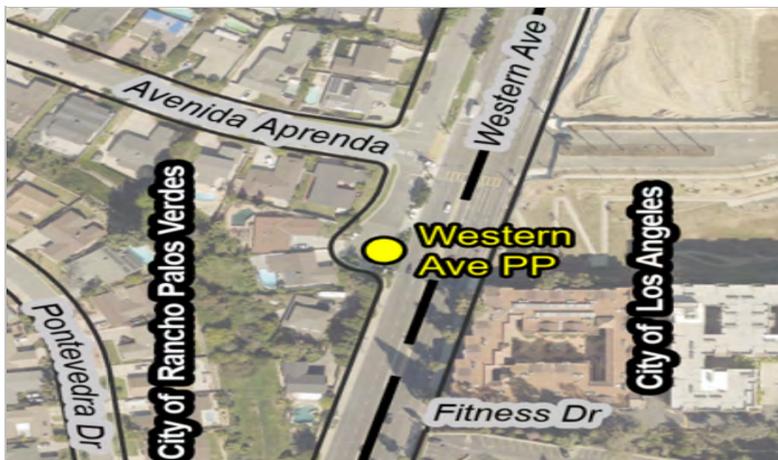
To address the installation of an emergency generator and other needed facility improvements, staff recommends the following scope of work for the project:

- Installation of 700 feet of power conductors in an existing duct back from the Public Works yard to the Plant
- Installation of a new, diesel powered backup emergency generator in the Public Works Yard (will require an easement from City of Signal Hill)
- Installation of three 40 hp pumps
- Electrical upgrades
- Installation of monorail and hoist for pump removal
- Air intake and exhaust improvements
- Demolition of existing engine and engine driven pump
- Demolition of two existing 70 hp pumps
- New access hatch and ladder

Budget Projections

| Budget to Date* | 2024-25     | 2025-26     | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|-------------|---------|--------------------|----------------------|
| \$2,900,000     | \$3,000,000 | \$5,600,000 | \$1,700,000 | \$0     | \$0                | \$13,200,000         |

\* Through June 30, 2024



|                                      |   |
|--------------------------------------|---|
| <b>Facility:</b>                     | Western Avenue Pumping Plant                              |
| <b>Status:</b>                       | Design Development  |
| <b>District:</b>                     | Joint Outfall   |
| <b>Project Location:</b>             | 27845½ Western Ave, Rancho Palos Verdes, California 90732 |
| <b>Responsible Section:</b>          | Sewer Design  |
| <b>Total Project Budget:</b>         | \$2,900,000   |
| <b>Construction Contract Cost:</b>   |   |
| <b>Funding Source(s):</b>            | 1077 - JO Capital   |
| <b>Project Start Date:</b>           | 07/01/2019  |
| <b>Project End Date:</b>             | 06/30/2026  |
| <b>Continuing Project in FY24/25</b> |   |

**Description**

Force main improvements

**Justification**

This project will be constructed in two phases. Phase I will replace approximately 2,650 feet of existing 12-inch diameter asbestos cement force main constructed in 1961 with a redundant 12-inch HDPE force main. Phase I will also include work relating to better access of the new force mains and appurtenant instrumentation. Work will begin at the Western Avenue Pumping Plant and end at MH J 0151.

Phase II of the project will replace approximately 2,920 feet of the existing 10-inch diameter vitrified clay pipe (VCP) and non-reinforced concrete pipe (NRCP) Western Avenue Trunk Sewer from MH 05 1996 to MH J 0159 with an 18-inch diameter VCP. This phase will also replace valves and remove piping allowing for maintenance of the adjacent 24-inch rubber gasketed RCP Siphon JO "J" Unit 1C. Phase II is currently not in the CIP budget. See Work Scope Memo (DOC 6014250) for more information.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|---------|---------|--------------------|----------------------|
| \$415,000       | \$300,000 | \$2,185,000 | \$0     | \$0     | \$0                | \$2,900,000          |

\* Through June 30, 2024



**Facility:** Western Avenue Pumping Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 27845½ Western Ave, Rancho Palos Verdes, California 90732  
**Responsible Section:** Civil and Mechanical Design

**Total Project Budget:** \$2,000,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 04/01/2021  
**Project End Date:** 06/30/2027  
**Continuing Project in FY24/25**

**Description**

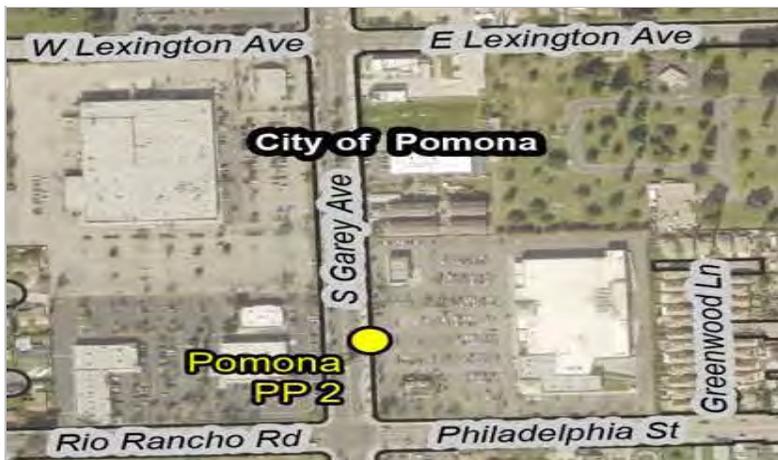
Pumping plant improvements

**Justification**

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-------------|---------|--------------------|----------------------|
| \$200,000       | \$100,000 | \$700,000 | \$1,000,000 | \$0     | \$0                | \$2,000,000          |

\* Through June 30, 2024



|                                    |   |
|------------------------------------|---|
| <b>Facility:</b>                   | Pomona No. 2 Pumping Plant                  |
| <b>Status:</b>                     | Planning                                    |
| <b>District:</b>                   | 21  |
| <b>Project Location:</b>           | 2070 S. Garey Ave, Pomona, California 97166 |
| <b>Responsible Section:</b>        | Wastewater Collection Systems               |
| <b>Total Project Budget:</b>       | \$200,000                                   |
| <b>Construction Contract Cost:</b> |   |
| <b>Funding Source(s):</b>          | 1077 - JO Capital                           |
| <b>Project Start Date:</b>         | 07/03/2023                                  |
| <b>Project End Date:</b>           | 06/30/2025                                  |
|                                    | <b>Finishing Project in FY24/25</b>         |

**Description**

Pumping plant improvements

**Justification**

This project will replace the existing three ABS pumps with Flygt N type pumps. The ABS pumps have high annual operation and maintenance costs and require frequent manual deragging. The Flygt N type pumps have been proven for their high performance and reliability.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$50,000        | \$150,000 | \$0     | \$0     | \$0     | \$0                | \$200,000            |

\* Through June 30, 2024



|                                    |   |
|------------------------------------|---|
| <b>Facility:</b>                   | Diamond Street Pumping Plant                            |
| <b>Status:</b>                     | Planning  |
| <b>District:</b>                   | SBC   |
| <b>Project Location:</b>           | 145 North Catalina Ave, Redondo Beach, California 90277 |
| <b>Responsible Section:</b>        | Wastewater Collection Systems                           |
| <b>Total Project Budget:</b>       | \$400,000   |
| <b>Construction Contract Cost:</b> |   |
| <b>Funding Source(s):</b>          | 1077 - JO Capital                                       |
| <b>Project Start Date:</b>         | 05/11/2023  |
| <b>Project End Date:</b>           | 06/30/2025  |
|                                    | <b>Finishing Project in FY24/25</b>                     |

**Description**

Pumping plant improvements

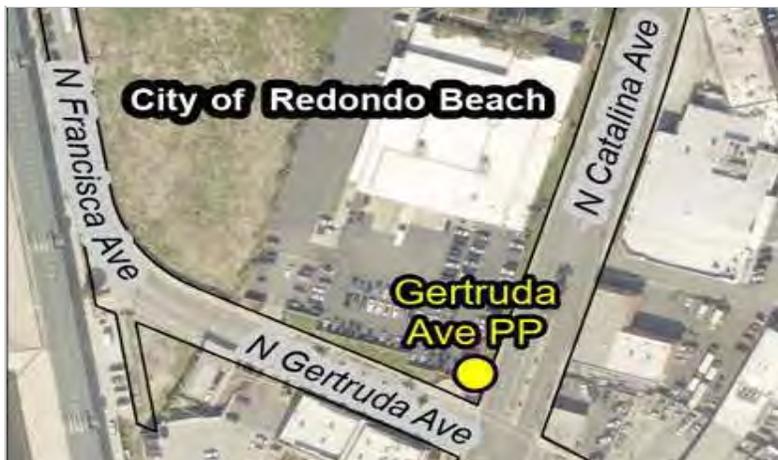
**Justification**

This project will replace the existing three ABS pumps with Flygt N type pumps. The ABS pumps have high annual operation and maintenance costs and require frequent manual deragging. The Flygt N type pumps have been proven for their high performance and reliability.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$100,000       | \$300,000 | \$0     | \$0     | \$0     | \$0                | \$400,000            |

\* Through June 30, 2024



|                                    |   |
|------------------------------------|---|
| <b>Facility:</b>                   | Gertruda Avenue Pumping Plant                           |
| <b>Status:</b>                     | Planning  |
| <b>District:</b>                   | SBC   |
| <b>Project Location:</b>           | 601 North Gertruda Ave, Redondo Beach, California 90277 |
| <b>Responsible Section:</b>        | Wastewater Collection Systems                           |
| <b>Total Project Budget:</b>       | \$600,000   |
| <b>Construction Contract Cost:</b> |   |
| <b>Funding Source(s):</b>          | 1077 - JO Capital                                       |
| <b>Project Start Date:</b>         | 07/01/2024  |
| <b>Project End Date:</b>           | 06/30/2027  |
| <b>New Project in FY24/25</b>      |   |

**Description**

Pumping plant improvements

**Justification**

The existing MCC, switchboard, motor starters, and MTS are all more than 40 years old and are in need of replacement. Also, the installation of security cameras is recommended for this site.

**Budget Projections**

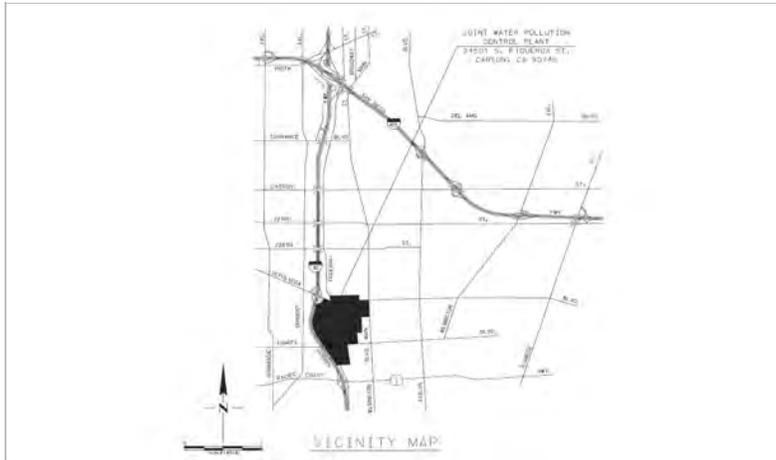
| Budget to Date* | 2024-25   | 2025-26   | 2026-27   | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-----------|---------|--------------------|----------------------|
| \$0             | \$100,000 | \$200,000 | \$300,000 | \$0     | \$0                | \$600,000            |

\* Through June 30, 2024



# WASTEWATER

AK Warren Water Resource Facility



**Facility:** AK Warren Water Resource Facility  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 24501 S. Figueroa Street, Carson, California 90745  
**Responsible Section:** Planning

**Total Project Budget:** \$8,784,749  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 09/30/2015  
**Project End Date:** 06/30/2030  
**Continuing Project in FY24/25**

**Description**

Treatment plant site improvements

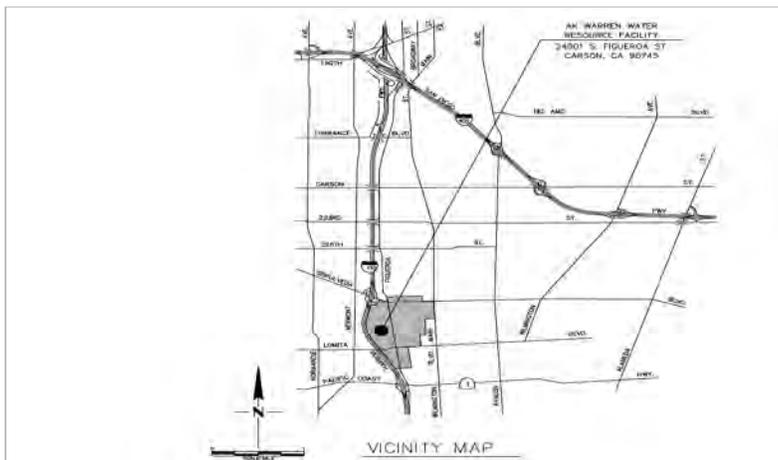
**Justification**

This Revise Project Request is to modify the End Date to 6/30/2030.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27   | 2027-28   | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-----------|-----------|--------------------|----------------------|
| \$6,754,749     | \$170,000 | \$620,000 | \$620,000 | \$620,000 | \$0                | \$8,784,749          |

\* Through June 30, 2024



|                                      |  |
|--------------------------------------|--|
| <b>Facility:</b>                     | AK Warren Water Resource Facility                  |
| <b>Status:</b>                       | Construction                                       |
| <b>District:</b>                     | Joint Outfall                                      |
| <b>Project Location:</b>             | 24501 S. Figueroa Street, Carson, California 90745 |
| <b>Responsible Section:</b>          | Structural, Architectural And Geotechnical Design  |
| <b>Total Project Budget:</b>         | \$5,000,000  |
| <b>Construction Contract Cost:</b>   | \$2,485,700  |
| <b>Funding Source(s):</b>            | 1077 - JO Capital                                  |
| <b>Project Start Date:</b>           | 08/09/2019   |
| <b>Project End Date:</b>             | 06/30/2026   |
| <b>Continuing Project in FY24/25</b> |  |

## Description

Infrastructure improvements

## Justification

The project has been split into 2 separate projects based on the severity of the observed corrosion.

The first project will be the inspection and rehabilitation/repairs for Conveyors 34, 35 & 36 and will remain as Project No. 1000933.

A new Project No. will be created for the second project which is the inspection and rehabilitation/repairs for Conveyors 32, 33, 40, 41, 49 & 50 and the conveyor support members within Truck Loading Station Nos. 1, 2 & 3.

The total project cost for the 2 projects will remain at \$20,000,000.00.

The total project cost for Project No. 1000933 will be revised to \$10,000,000.00. The remaining \$10,000,000.00 will be allocated to the new project.

The Cash Flow for Project No. 1000933 is revised to reflect the total project cost of \$10,000,000.00

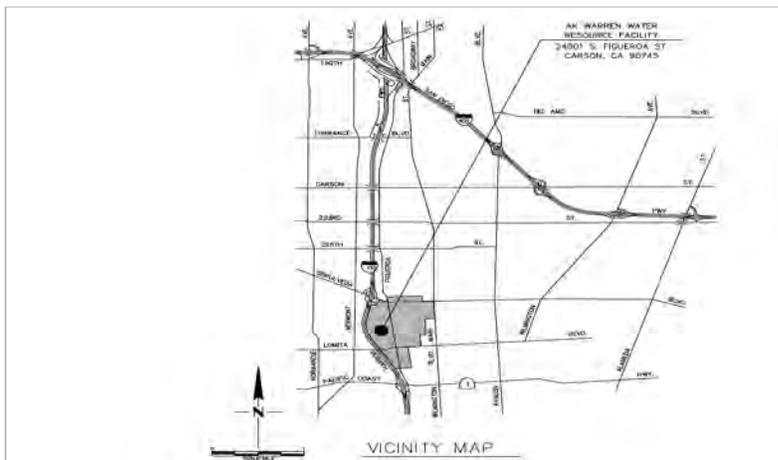
## Budget Projections

| Budget to Date* | 2024-25     | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|---------|---------|--------------------|----------------------|
| \$970,000       | \$2,301,000 | \$1,729,000 | \$0     | \$0     | \$0                | \$5,000,000          |

\* Through June 30, 2024







**Facility:** AK Warren Water Resource Facility  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 24501 S. Figueroa Street, Carson, California 90745  
**Responsible Section:** Civil and Mechanical Design

**Total Project Budget:** \$10,000,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 01/08/2024  
**Project End Date:** 02/05/2027  
**Continuing Project in FY24/25**

## Description

Improvements to primary treatment facilities

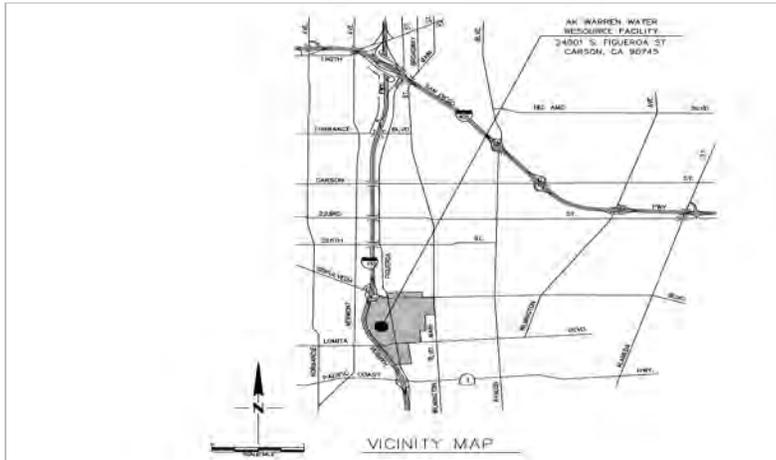
## Justification

Various processes at the A.K. Warren Water Resource Facility (Warren Facility) including the inlet works, grit chambers, anaerobic digesters (digester cleanings and sand), and sludge screens generate five solid waste streams that must be handled and hauled to a landfill. In addition to the aforementioned waste streams, sewer cleanings from the Districts' and local wastewater collection systems are delivered to and handled at the Warren Facility. All six solid waste streams are transferred to the Pit where they are dewatered and loaded into trailers for hauling and disposal at a landfill. Two trailers haul approximately 50 tons of solid waste from The Pit to the landfill each day. The Pit is a stormwater detention basin located at the southeast end of the Secondary Treatment process area that typically discharges runoff to the Joint Outfall C sewer tributary. Therefore, liquid that drains from the solid waste streams flows back to the inlet works. There are many challenges with handling the solid waste streams at The Pit, including disruptions in use during storm events and odors. Although The Pit has been used as a solid waste stream handling facility for many years, it occupies land that is designated for the proposed Metropolitan Water District's full scale advanced water treatment facility (AWT). Given the challenges associated with operating The Pit and its location at the proposed AWT site, it is recommended that an indoor facility is constructed at another location in the Warren Facility to handle the solid waste streams.

## Budget Projections

| Budget to Date* | 2024-25     | 2025-26     | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|-------------|---------|--------------------|----------------------|
| \$500,000       | \$1,010,000 | \$6,190,000 | \$2,300,000 | \$0     | \$0                | \$10,000,000         |

\* Through June 30, 2024



**Facility:** AK Warren Water Resource Facility  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 24501 S. Figueroa Street, Carson, California 90745  
**Responsible Section:** AK Warren Water Resource Facility  
  
**Total Project Budget:** \$600,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2026  
**Finishing Project in FY24/25**

## Description

Infrastructure improvements

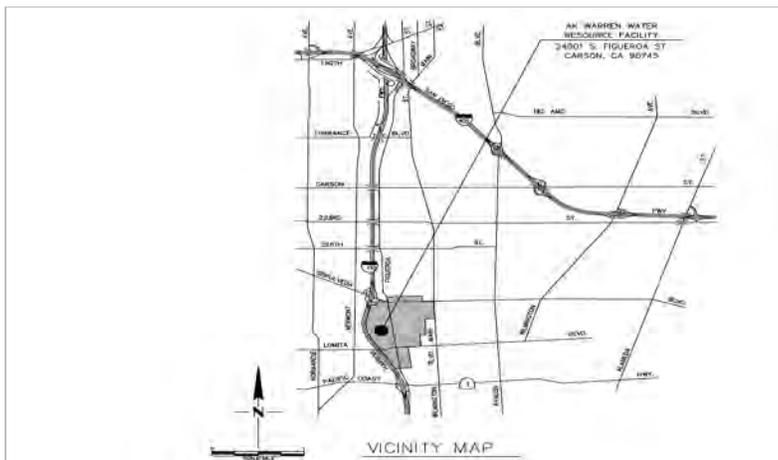
## Justification

Electric vehicle (EV) charger usage at the JWPCP has increased since EV chargers were installed at the Carson Field Office and Administration Building in 2018. As more personnel acquire personal EVs and the Districts acquires more fleet EVs, EV charging demand onsite will continue to increase. Therefore, it is recommended that additional EV chargers be installed. During FY 23/24, two EV fast charges and two standard chargers will be installed near the Carson Field Office where the need for additional EV chargers is most critical. EV chargers will be installed in other areas of the plant in FY 24/25. These chargers will be powered with electrical drops from SCE

## Budget Projections

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$300,000       | \$300,000 | \$0     | \$0     | \$0     | \$0                | \$600,000            |

\* Through June 30, 2024



**Facility:** AK Warren Water Resource Facility  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** 24501 S. Figueroa Street, Carson, California 90745  
**Responsible Section:** Structural, Architectural And Geotechnical Design

**Total Project Budget:** \$600,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 04/17/2023  
**Project End Date:** 06/30/2025  
**Finishing Project in FY24/25**

**Description**

Infrastructure improvements

**Justification**

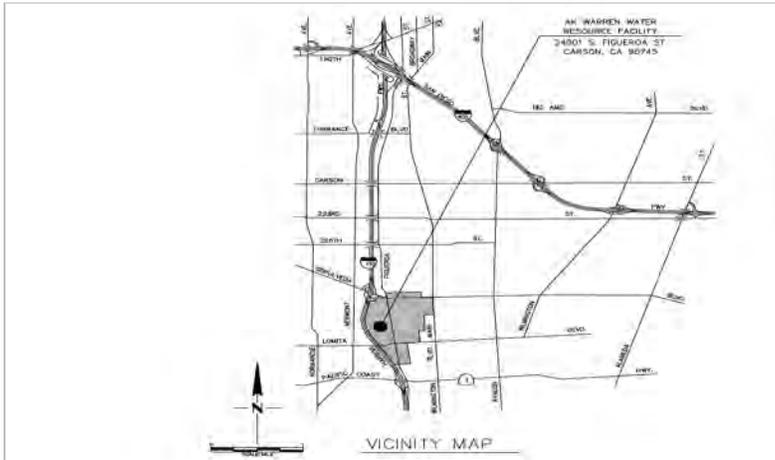
The project consists of rehabilitating the concrete and slide gate rails on Diversion Structure I. The structure was constructed in 1953 under JO-g-250. The structure was modified in 1990, under JO-p-248, and Linabond PVC liner was installed. Design Scope Change Request No. 1, submitted on August 5, 2014, requested to include the repair of slide gate rails and miscellaneous liner repairs in the JOB-1A Trunk Sewer Rehabilitation, Phase I project. Structural Design provided additional structural condition assessment in the attached memo dated June 20, 2022.

The two(2) slide gates on the southwest corner of Diversion Structure I are used to control flow from the JOB-1A Trunk Sewer to prevent flooding the plant. In the rare event that the plant could become flooded, these gates will need to be closed. The slide gate rails are in poor condition. JWPCP will need to maintain the ability to bypass the JOB-1A Trunk Sewer at all times.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$110,000       | \$490,000 | \$0     | \$0     | \$0     | \$0                | \$600,000            |

\* Through June 30, 2024



**Facility:** AK Warren Water Resource Facility  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 24501 S. Figueroa Street, Carson, California 90745  
**Responsible Section:** AK Warren Water Resource Facility  
  
**Total Project Budget:** \$6,000,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 12/01/2023  
**Project End Date:** 06/30/2027  
**Continuing Project in FY24/25**

## Description

Improvements to secondary treatment facilities

## Justification

The Secondary Treatment Return Activated Sludge (RAS) pumps have been in service for over 17 years. The current pumps are obsolete and nearing the end of their service life. Custom built parts to maintain and overhaul these units have increased substantially in cost. Including manhours to overhaul, it is more cost effective to replace the pumps with current model units than to perform the next major overhaul. In order to maintain streamlined maintenance and spare parts inventory, it is recommended that all 24 pumps be replaced with identical models.

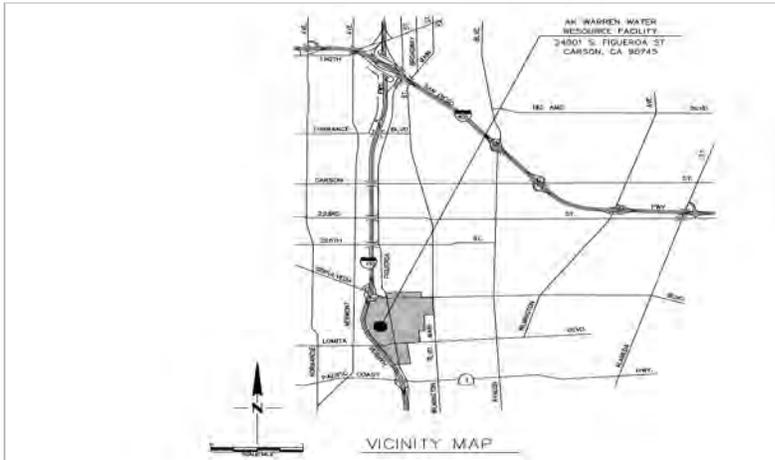
## Budget Projections

| Budget to Date* | 2024-25   | 2025-26   | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-------------|---------|--------------------|----------------------|
| \$15,841        | \$234,159 | \$575,000 | \$5,175,000 | \$0     | \$0                | \$6,000,000          |

\* Through June 30, 2024

# AK Warren Water Resource Facility Secondary Influent Pump Station (SIPS) Pump Replacement

JO-G-9679



**Facility:** AK Warren Water Resource Facility  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 24501 S. Figueroa Street, Carson, California 90745  
**Responsible Section:** AK Warren Water Resource Facility

**Total Project Budget:** \$4,500,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2025  
**Finishing Project in FY24/25**

## Description

Improvements to secondary treatment facilities

## Justification

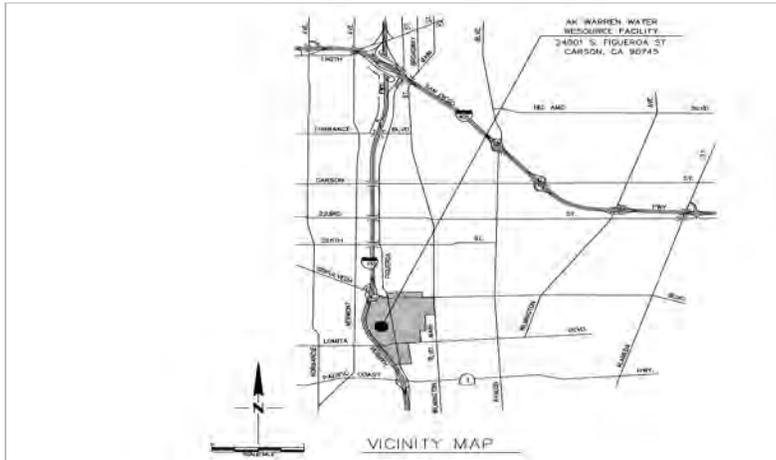
The Secondary Influent Pump Station (SIPS) is a critical pump station that utilizes five(5) engine driven pumps that delivers primary effluent from the Primary Treatment process to the Secondary Treatment process. Each pump is capable of pumping approximately 175 million gallons per day (MGD) of flow. SIPS must operate continuously. Failure of SIPS will result in the discharge of primary effluent to the ocean and violation of JWPCP's NPDES permit.

In early September, SIPS Pump No. 3 experienced a major failure and could no longer pump any flow. The pump shaft was broken due to wear and corrosion after being in service for approximately 20 years. To prevent another failure and to maintain equipment reliability, this pump should be repaired and the remaining four pumps be overhauled. In addition, the Districts will purchase a spare pump and a set of spare parts.

## Budget Projections

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$3,450,000     | \$1,050,000 | \$0     | \$0     | \$0     | \$0                | \$4,500,000          |

\* Through June 30, 2024



**Facility:** AK Warren Water Resource Facility  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 24501 S. Figueroa Street, Carson, California 90745  
**Responsible Section:** AK Warren Water Resource Facility

**Total Project Budget:** \$7,000,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2021  
**Project End Date:** 06/30/2027  
**Continuing Project in FY24/25**

## Description

Improvements to secondary treatment facilities

## Justification

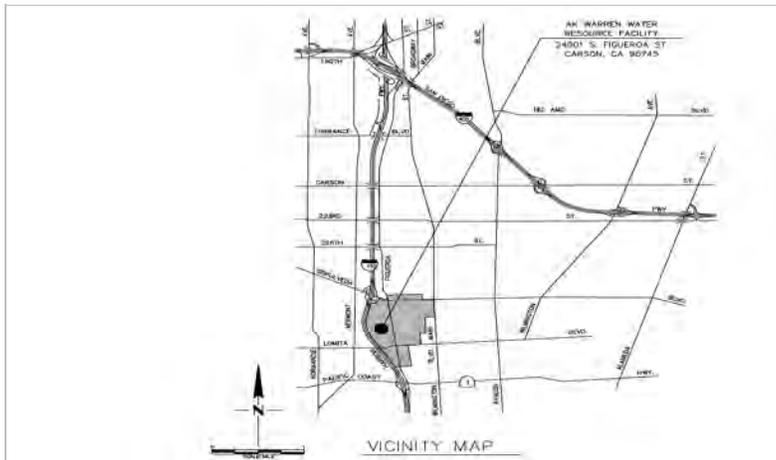
The secondary reactors utilize aerators to increase the dissolved oxygen content in the mixed liquor. All of the Stage III reactors were placed into operation in 2002. For Stage I and II, the aerators were replaced under a separate contract that was completed in 2004. As such, the aerators range in age from 15-17 years. Each aerator is connected to a motor through a reduction gearbox. According to the manufacturer of the aerator gearboxes, the maximum life of the gearboxes is 20 years. Recently, the JWPCP has begun experiencing gearbox leaks. An inspection by the manufacturer indicated more extensive damage to a number of gearboxes.

Due to their age and recent issues (e.g., leaks), all of the second, third and fourth stage aerator gearboxes, 72 in all, require overhaul or replacement. The JWPCP has seven spare gearboxes that can replace installed gearboxes that may fail.

## Budget Projections

| Budget to Date* | 2024-25     | 2025-26     | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|-------------|---------|--------------------|----------------------|
| \$500,000       | \$2,000,000 | \$2,200,000 | \$2,300,000 | \$0     | \$0                | \$7,000,000          |

\* Through June 30, 2024



**Facility:** AK Warren Water Resource Facility  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 24501 S. Figueroa Street, Carson, California 90745  
**Responsible Section:** Structural, Architectural And Geotechnical Design

**Total Project Budget:** \$3,000,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 01/01/2023  
**Project End Date:** 12/15/2025  
**Continuing Project in FY24/25**

**Description**

Seismic evaluation of infrastructure

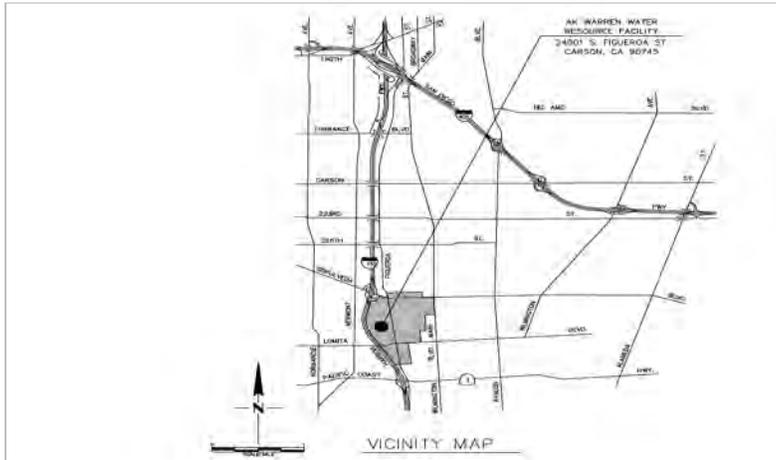
**Justification**

Structures at JWPCP constructed prior to 2000 pose a failure risk during a major seismic event. Project will establish baseline criteria for seismic evaluation of District facilities and perform a seismic evaluation of structures at JWPCP to determine what mitigation is required to increase resiliency.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26   | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-----------|---------|---------|--------------------|----------------------|
| \$500,000       | \$2,000,000 | \$500,000 | \$0     | \$0     | \$0                | \$3,000,000          |

\* Through June 30, 2024



**Facility:** AK Warren Water Resource Facility  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** 24501 S. Figueroa Street, Carson, California 90745  
**Responsible Section:** Civil and Mechanical Design

**Total Project Budget:** \$70,000,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2028  
**Continuing Project in FY24/25**

**Description**

Pure Water Southern California Project

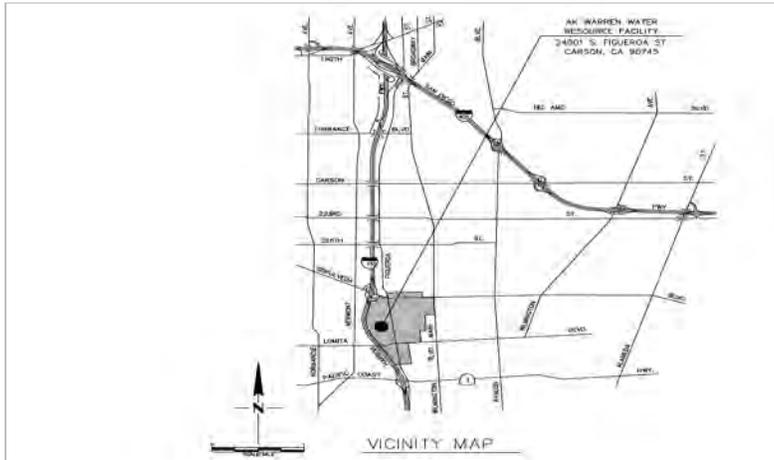
**Justification**

The Project request is for potential JWPCP Sidestream Treatment.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26   | 2026-27      | 2027-28      | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-----------|--------------|--------------|--------------------|----------------------|
| \$500,000       | \$3,500,000 | \$750,000 | \$31,250,000 | \$34,000,000 | \$0                | \$70,000,000         |

\* Through June 30, 2024



**Facility:** AK Warren Water Resource Facility  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** 24501 S. Figueroa Street, Carson, California 90745  
**Responsible Section:** Civil and Mechanical Design

**Total Project Budget:** \$7,500,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2022  
**Project End Date:** 06/30/2026  
**Continuing Project in FY24/25**

## Description

Upgrade solids processing truck loading stations to control odors.

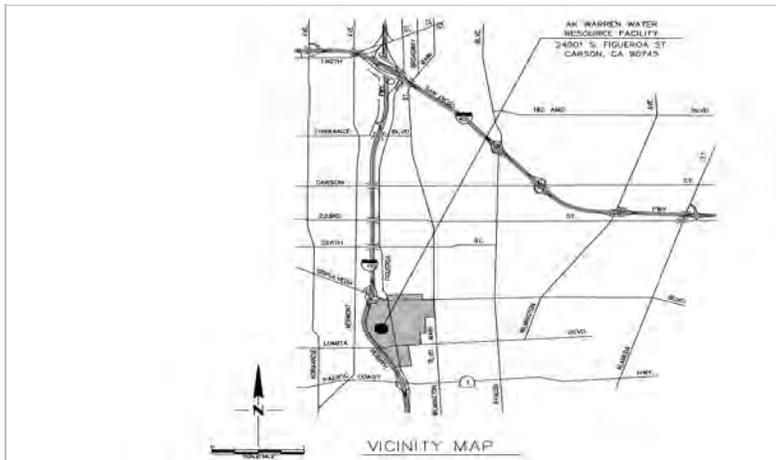
## Justification

The JWPCP has three truck loading stations (TLSs) in Solids Processing that load biosolids onto approximately 50 hauling trucks per day. The biosolids are conveyed from the Biosolids Storage Silos (Silos) to the TLSs. Biosolids are a major source of odors. Odors are a nuisance to the surrounding community and therefore, the JWPCP makes a concerted effort to control odors at the plant. Typically, TLS No. 3 is in service 24 hours per day because it has full odor control measures, and TLS No. 2 is in service approximately eight hours per day during peak loading periods because it only has partial odor control measures. TLS No. 1 is only used during emergencies or scheduled shutdowns of either TLS No. 2 or 3 because it has no odor control measures. This project will upgrade TLSs Nos. 1 and 2 with full odor control measures to allow for increase usage of each station, lessen truck haulers' wait times, and provide redundancy of the stations to perform maintenance and repairs. Additionally, it is recommended to evaluate the feasibility and whether it is cost-effective to increase the truck clearance at TLSs Nos. 1 and 2 to allow for access of taller trucks. A design request memo (DOC No. 6651939) was sent to the Civil Mechanical Design Section on September 30, 2022.

## Budget Projections

| Budget to Date* | 2024-25   | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|---------|---------|--------------------|----------------------|
| \$175,000       | \$300,000 | \$7,025,000 | \$0     | \$0     | \$0                | \$7,500,000          |

\* Through June 30, 2024



**Facility:** AK Warren Water Resource Facility  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 24501 S. Figueroa Street, Carson, California 90745  
**Responsible Section:** AK Warren Water Resource Facility

**Total Project Budget:** \$10,000,000

**Construction Contract Cost:**

**Funding Source(s):** 1077 - JO Capital

**Project Start Date:** 07/01/2024

**Project End Date:** 06/30/2027

**New Project in FY24/25**

**Description**

Infrastructure improvements

**Justification**

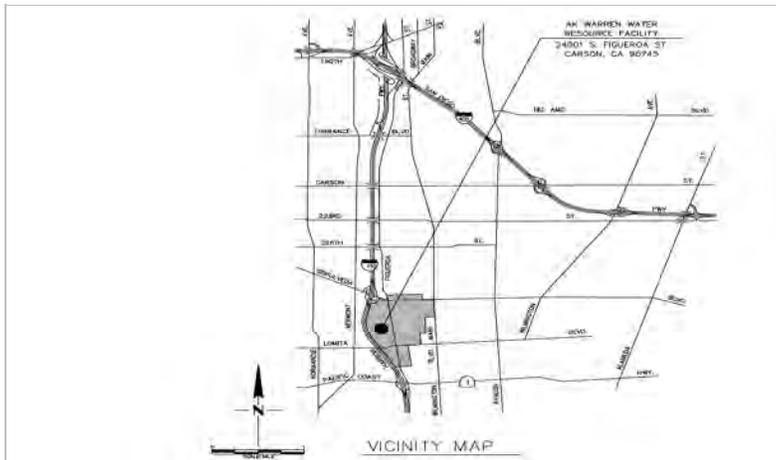
The new project end date has been revised to account for any construction close-out activities that may occur. The cash flow is being reallocated as follows to reflect actual and anticipated design costs:

- FY 23-24: \$50k (no change)
- FY 24-25: \$1.2M to \$500K
- FY 25-26: \$5.15M to \$1.3M
- FY 26-27: \$3.6M to \$5.65M
- FY 27-28: \$0 to 2.5M

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|---------|---------|--------------------|----------------------|
| \$0             | \$5,000,000 | \$5,000,000 | \$0     | \$0     | \$0                | \$10,000,000         |

\* Through June 30, 2024



**Facility:** AK Warren Water Resource Facility  
**Status:** Construction  
**District:** Joint Outfall  
**Project Location:** 24501 S. Figueroa Street, Carson, California 90745  
**Responsible Section:** Construction Management

**Total Project Budget:** \$800,000,000  
**Construction Contract Cost:** \$630,500,000  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2004  
**Project End Date:** 06/30/2028  
**Continuing Project in FY24/25**

**Description**

Improvements to effluent outfalls

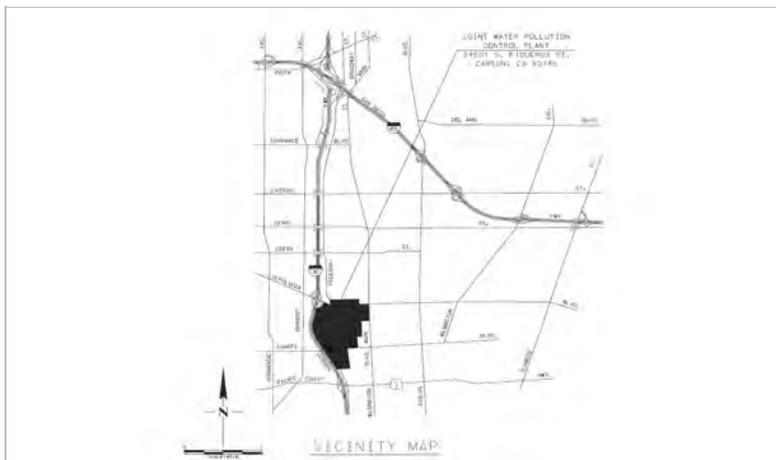
**Justification**

Joint Outfall Project

**Budget Projections**

| Budget to Date* | 2024-25      | 2025-26      | 2026-27      | 2027-28      | 2028-29 and beyond | Total Project Budget |
|-----------------|--------------|--------------|--------------|--------------|--------------------|----------------------|
| \$506,052,315   | \$90,000,000 | \$70,000,000 | \$50,000,000 | \$83,947,685 | \$0                | \$800,000,000        |

\* Through June 30, 2024



**Facility:** AK Warren Water Resource Facility  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 24501 S. Figueroa Street, Carson, California 90745  
**Responsible Section:** AK Warren Water Resource Facility

**Total Project Budget:** \$33,200,000

**Construction Contract Cost:**

**Funding Source(s):** 1077 - JO Capital

**Project Start Date:** 07/01/2022

**Project End Date:** 06/30/2041

**Continuing Project in FY24/25**

**Description**

Process infrastructure improvements

**Justification**

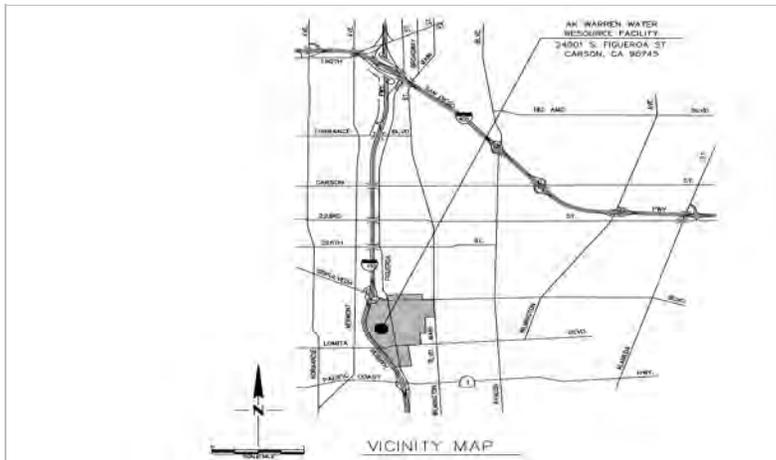
Scheduled overhaul/exchange of all three gas turbines and 5-year maintenance agreement. Gas turbines are overhauled every 30,000-50,000 hours of operation. The gas turbines were last overhauled in FY23/24. The 5-year maintenance agreement includes discounted gas turbine exchange costs, increases reliability, reduces unplanned down time, and includes semi-annual and annual preventive maintenance that was previously purchased separately from the vendor.

The budget will be revised to cover another complete year (through the end of FY2027-28) of the maintenance agreement.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27   | 2027-28   | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-----------|-----------|--------------------|----------------------|
| \$8,240,000     | \$240,000 | \$240,000 | \$240,000 | \$240,000 | \$24,000,000       | \$33,200,000         |

\* Through June 30, 2024



**Facility:** AK Warren Water Resource Facility  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 24501 S. Figueroa Street, Carson, California 90745  
**Responsible Section:** Laboratories

**Total Project Budget:** \$10,394,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2011  
**Project End Date:** 06/30/2042  
**Continuing Project in FY24/25**

**Description**

Improvements to laboratory facilities

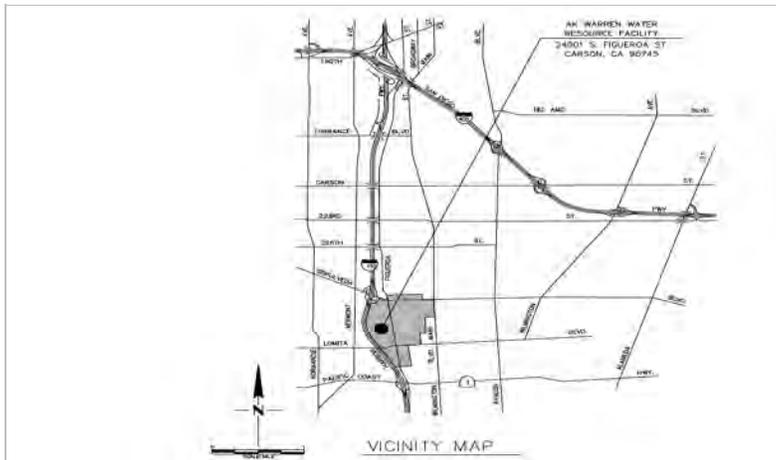
**Justification**

This project is for the JWPCP Water Quality Laboratory with approximately 48 staff members to purchase and replace any major equipment as needed.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27     | 2027-28   | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-------------|-----------|--------------------|----------------------|
| \$1,185,000     | \$948,000 | \$425,000 | \$1,037,000 | \$330,000 | \$6,469,000        | \$10,394,000         |

\* Through June 30, 2024



**Facility:** AK Warren Water Resource Facility  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 24501 S. Figueroa Street, Carson, California 90745  
**Responsible Section:** Laboratories

**Total Project Budget:** \$951,500  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2011  
**Project End Date:** 06/30/2025  
**Finishing Project in FY24/25**

**Description**

Improvements to laboratory facilities

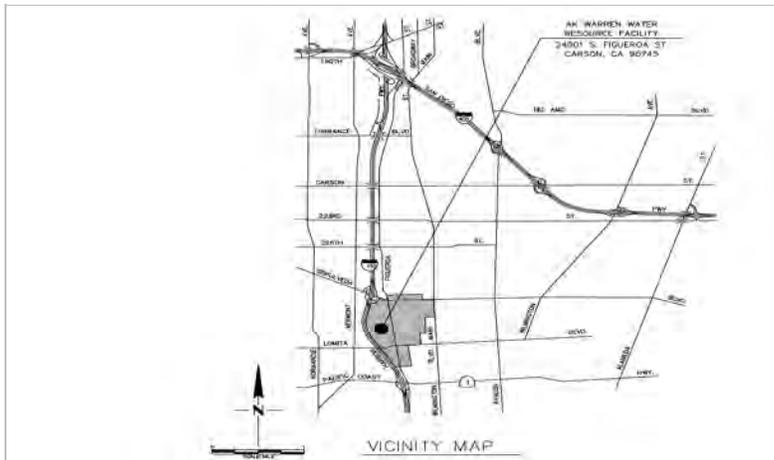
**Justification**

Joint Outfall Project

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|---------|---------|---------|--------------------|----------------------|
| \$896,500       | \$55,000 | \$0     | \$0     | \$0     | \$0                | \$951,500            |

\* Through June 30, 2024



**Facility:** AK Warren Water Resource Facility  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 24501 S. Figueroa Street, Carson, California 90745  
**Responsible Section:** AK Warren Water Resource Facility

**Total Project Budget:** \$4,700,000

**Construction Contract Cost:**

**Funding Source(s):** 1077 - JO Capital

**Project Start Date:** 07/01/2012

**Project End Date:** 06/30/2032

**Continuing Project in FY24/25**

**Description**

Infrastructure improvements

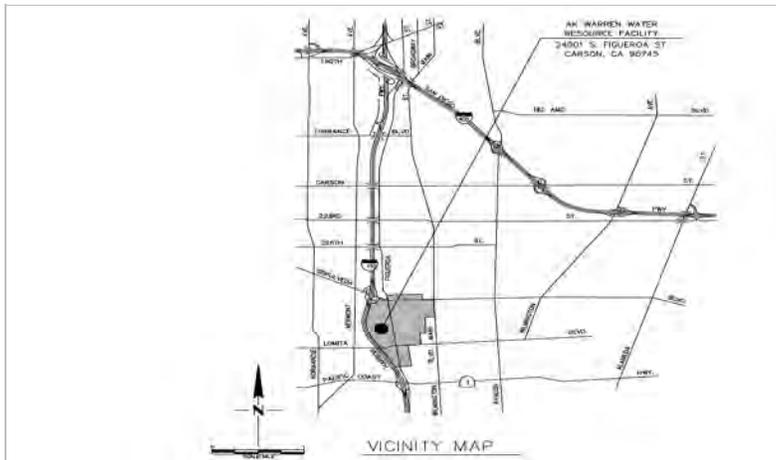
**Justification**

This project includes unanticipated capital projects that must be completed on an emergency or urgent basis.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27   | 2027-28   | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-----------|-----------|--------------------|----------------------|
| \$3,300,000     | \$200,000 | \$200,000 | \$200,000 | \$200,000 | \$600,000          | \$4,700,000          |

\* Through June 30, 2024



**Facility:** AK Warren Water Resource Facility  
**Status:** Construction  
**District:** Joint Outfall  
**Project Location:** 24501 S. Figueroa Street, Carson, California 90745  
**Responsible Section:** Planning

**Total Project Budget:** \$18,114,245  
**Construction Contract Cost:** \$13,084,245  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 12/31/2030  
**Continuing Project in FY24/25**

**Description**

Remediation of contaminated soil and groundwater

**Justification**

Construction, operation, monitoring, and maintenance (OMM) of Air Sparge and Vapor Extraction (AS/VE) and biosparge systems on the FORCO portion of the JWPCP to remediate contaminated deep soil and groundwater on and off the property under the regulatory oversight of the Regional Water Quality Control Board, Los Angeles Region. The scope of work includes the expansion of the existing AS/VE system and installation of new biosparge systems.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26     | 2026-27     | 2027-28     | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|-------------|-------------|--------------------|----------------------|
| \$1,200,000     | \$4,851,205 | \$4,336,753 | \$2,286,753 | \$2,286,754 | \$3,152,780        | \$18,114,245         |

\* Through June 30, 2024



|                                      |  |
|--------------------------------------|--|
| <b>Facility:</b>                     | AK Warren Water Resource Facility                  |
| <b>Status:</b>                       | Construction                                       |
| <b>District:</b>                     | Joint Outfall                                      |
| <b>Project Location:</b>             | 24501 S. Figueroa Street, Carson, California 90745 |
| <b>Responsible Section:</b>          | Construction Management                            |
| <b>Total Project Budget:</b>         | \$44,100,000                                       |
| <b>Construction Contract Cost:</b>   | \$32,754,877                                       |
| <b>Funding Source(s):</b>            | 1077 - JO Capital                                  |
| <b>Project Start Date:</b>           | 07/01/2018   |
| <b>Project End Date:</b>             | 12/31/2026   |
| <b>Continuing Project in FY24/25</b> |  |

**Description**

Improvements to secondary treatment facilities

**Justification**

Cryogenic Oxygen Plant Nos. 1 and 2 were placed into operation in 1983. After 34 years of operation, both plants have experienced numerous age-related failures that have resulted in down time. At present, Cryogenic Oxygen Plant No. 1 is undergoing repair and retrofit in order to bring the plant back into operation. The last failure in late 2016/early 2017 prevented operation of the plant until repairs could be made. While down for repair, the Districts hired a contractor to conduct an assessment of the plant, including an internal inspection of both cold boxes. Heat exchanger fin samples were collected to determine the condition of the heat exchangers. Results of the sampling were not encouraging, with up to 70% of the metal in some locations missing (report attached). Based on those results, the contractor believes that heat exchanger failure is imminent once pinhole leaks appear and once that occurs the heat exchangers have 3-5 years of life left before complete failure. Heat exchanger replacement is expected to cost approximately \$1,000,000 for materials (new heat exchangers) and another \$500,000 for labor for each of the two cryogenic plants. Several other retrofits are recommended to extend the life of the two plants, namely a control system upgrade at approximately \$1,500,000 for each of the two plants. Both plants operate using the original control system placed into operation in 1983. As such, the Districts would have to spend at least \$6,000,000 in the next few years to make these two plants operational in the long term (i.e., 10 years).

The two plants are old, deteriorating and inefficient. Repair and retrofit at a cost of approximately \$6,000,000 is not recommended. Instead, replacement is recommended. Vapor-Pressure Swing Adsorption (VPSA) offers the most flexibility and ease of operation for JWPCP personnel. In addition, replacement with VPSA comes with a reduction in power consumption, increasing revenue from electricity sales.

**Budget Projections**

| <b>Budget to Date*</b> | <b>2024-25</b> | <b>2025-26</b> | <b>2026-27</b> | <b>2027-28</b> | <b>2028-29 and beyond</b> | <b>Total Project Budget</b> |
|------------------------|----------------|----------------|----------------|----------------|---------------------------|-----------------------------|
| \$27,100,000           | \$6,000,000    | \$9,500,000    | \$1,500,000    | \$0            | \$0                       | \$44,100,000                |

\* Through June 30, 2024



**Facility:** AK Warren Water Resource Facility  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 24501 S. Figueroa Street, Carson, California 90745  
**Responsible Section:** AK Warren Water Resource Facility  
  
**Total Project Budget:** \$1,100,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2026  
**Continuing Project in FY24/25**

## Description

Improvements to secondary treatment facilities

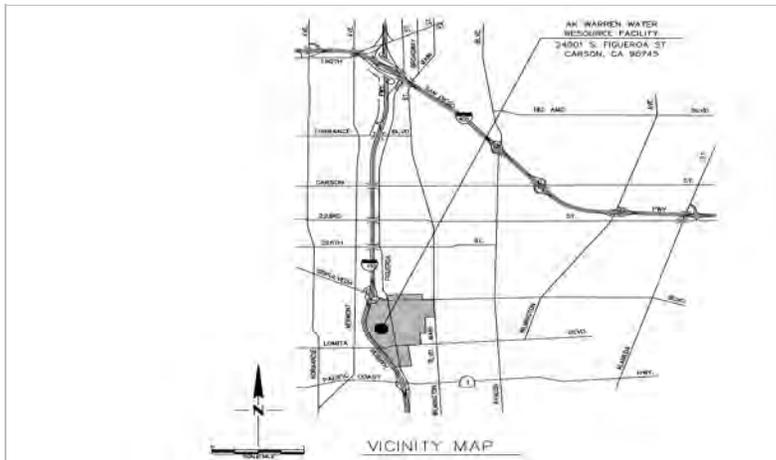
## Justification

The JWPCP Secondary Effluent Pump Station (SEPS) has five vertical mixed flow pumps that pump secondary effluent from the JWPCP to the ocean during high flow conditions. The pumps are over 20 years old and are due for inspection and overhaul. One pump will be inspected and overhauled during the 2023 dry weather season, two pumps during the 2024 dry weather season, and two pumps during the 2025 dry weather season. This project will ensure reliable operation of SEPS to prevent the JWPCP from flooding and/or violating NPDES permit requirements during high flow conditions.

## Budget Projections

| Budget to Date* | 2024-25   | 2025-26   | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|---------|---------|--------------------|----------------------|
| \$340,000       | \$370,000 | \$390,000 | \$0     | \$0     | \$0                | \$1,100,000          |

\* Through June 30, 2024



**Facility:** AK Warren Water Resource Facility  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 24501 S. Figueroa Street, Carson, California 90745  
**Responsible Section:** AK Warren Water Resource Facility

**Total Project Budget:** \$4,300,000

**Construction Contract Cost:**

**Funding Source(s):** 1077 - JO Capital

**Project Start Date:** 07/01/2023

**Project End Date:** 06/30/2025

**New Project in FY24/25**

**Description**

Process infrastructure improvements

**Justification**

Updated: 2/20/2024

The project to replace the three(3) gas turbine exhaust ducts was quoted at approximately \$4,000,000 in 10/2023 through the Job Order Contract process. The project was rejected and Purchasing Section issued an Invitation to Bid. Bids will be due at the end of February 2024.

Previous Update 8/29/2023:

The project will replace the existing steel exhaust duct with new ducting for all three gas turbines. Project was on hold due to higher priority and other emergency work. Initially the project scope was to rehabilitate the existing steel ducts. Additional inspection revealed significant corrosion in several areas.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$0             | \$4,300,000 | \$0     | \$0     | \$0     | \$0                | \$4,300,000          |

\* Through June 30, 2024



**Facility:** Tunnel and Ocean Outfall  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** 24501 S. Figueroa Street, Carson, California 90745  
**Responsible Section:** Sewer Design

**Total Project Budget:** \$10,000,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2021  
**Project End Date:** 06/30/2027  
**Continuing Project in FY24/25**

## Description

Improvements to effluent outfalls

## Justification

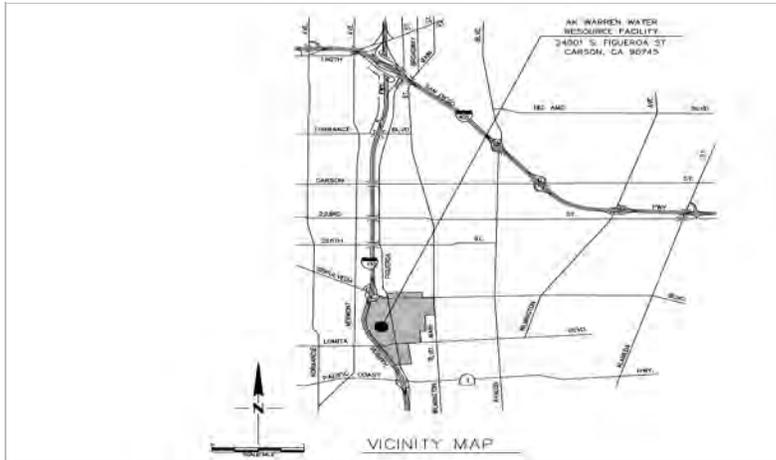
Cast-iron pipe joints and manhole covers on the existing ocean outfalls are susceptible to corrosion in the marine environment. In 2015, a cathodic protection system was installed to control corrosion of cast-iron joints on the 72- and 90-inch outfalls and cast-iron covers on the 72-, 90- and 120-inch outfalls as part of C#4886 (Dwg. No. JO-g-1263). The work required divers to connect sacrificial pieces of aluminum, or anodes, to each cast-iron joint or cover. The aluminum anodes were meant to provide 50 years of corrosion protection by corroding in place of the cast-iron components. However, recent outfall inspections have revealed that many anodes have detached and are no longer providing corrosion protection.

This project will repair detached anodes and upgrade all other anodes on the cathodic protection for the cast iron joints and manhole covers on the existing outfalls.

## Budget Projections

| Budget to Date* | 2024-25   | 2025-26     | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|-------------|---------|--------------------|----------------------|
| \$170,000       | \$100,000 | \$5,730,000 | \$4,000,000 | \$0     | \$0                | \$10,000,000         |

\* Through June 30, 2024



**Facility:** AK Warren Water Resource Facility  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 24501 S. Figueroa Street, Carson, California 90745  
**Responsible Section:** Planning

**Total Project Budget:** \$1,229,100,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2041  
**Continuing Project in FY24/25**

**Description**

Pure Water Southern California Project

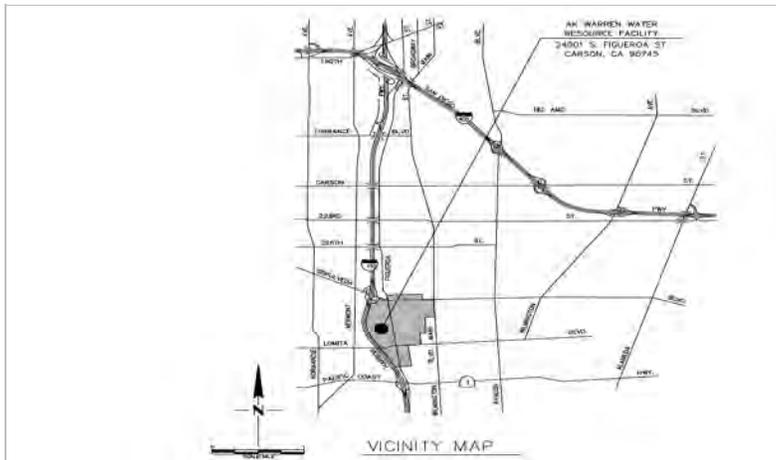
**Justification**

The Membrane Bioreactor portion of this project will be tracked under a separate project name and number. As a result, the budget for this project has decreased significantly from \$1.229M to \$5.7M.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26      | 2026-27      | 2027-28      | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|--------------|--------------|--------------|--------------------|----------------------|
| \$1,100,000     | \$900,000 | \$10,400,000 | \$20,400,000 | \$50,000,000 | \$1,146,300,000    | \$1,229,100,000      |

\* Through June 30, 2024



**Facility:** AK Warren Water Resource Facility  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 24501 S. Figueroa Street, Carson, California 90745  
**Responsible Section:** Planning

**Total Project Budget:** \$7,150,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2020  
**Project End Date:** 06/30/2026  
**Finishing Project in FY24/25**

**Description**

Pure Water Southern California Project

**Justification**

The Districts have partnered with Metropolitan Water District (MWD) on the planning and future construction of an advanced water treatment facility to be located adjacent to the Joint Water Pollution Control Plant. This project is for the initial planning effort and site preparation work to support construction of the future treatment facilities. This includes reimbursement to MWD for consulting services as agreed upon in the First Amendment to Regional Recycled Water Program Agreement (DOC 5872602), engineering services to evaluate nitrogen management facilities options and prepare the Secondary Treatment Facilities Plan 2050, community benefits activities such as oil wells abandonment, and staff support during environmental planning phase of PWSC.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$6,140,000     | \$1,010,000 | \$0     | \$0     | \$0     | \$0                | \$7,150,000          |

\* Through June 30, 2024

# Removal and Disposal of Concrete, Soil, and Miscellaneous Stockpiles at FORCO (near JWPCP)

JO-G-9678



|                                    |  |
|------------------------------------|--|
| <b>Facility:</b>                   | AK Warren Water Resource Facility                  |
| <b>Status:</b>                     | Construction                                       |
| <b>District:</b>                   | Joint Outfall                                      |
| <b>Project Location:</b>           | 24501 S. Figueroa Street, Carson, California 90745 |
| <b>Responsible Section:</b>        | Construction Management                            |
| <b>Total Project Budget:</b>       | \$4,000,000  |
| <b>Construction Contract Cost:</b> |  |
| <b>Funding Source(s):</b>          | 1077 - JO Capital                                  |
| <b>Project Start Date:</b>         | 09/01/2023   |
| <b>Project End Date:</b>           | 09/01/2024   |
|                                    | <b>Finishing Project in FY24/25</b>                |

## Description

Soil stockpile removal

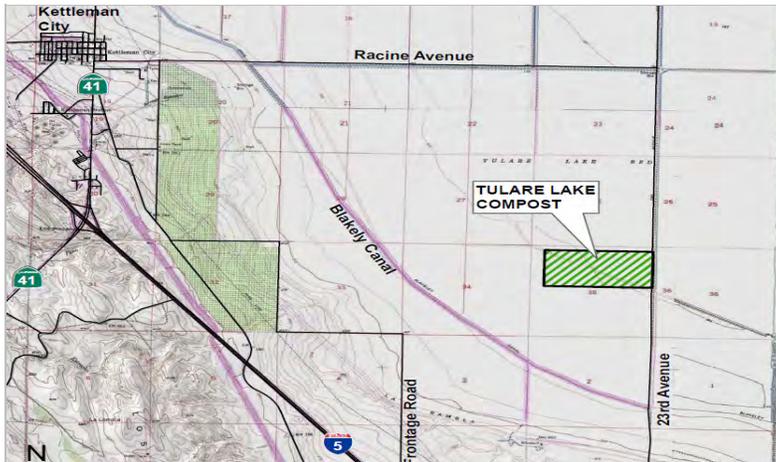
## Justification

The FORCO Property near JWPCP contains various soil, concrete, and miscellaneous stockpiles. The contractor shall provide all labor, equipment, and materials to remove and dispose the stockpiles to an appropriate offsite location; and relocate a portion of the soil stockpile to the Districts' adjacent JWPCP property. All materials that will not be relocated to JWPCP shall be removed and disposed of properly and lawfully offsite per the contractor. The contractor is responsible for installing/inspecting/maintaining all required BMPs; obtaining all necessary permits and licenses to perform the work in the City of Carson; and comply with storm water requirements (SWPPP). The contract period for this project shall be a maximum of 300 working days, and the uncrushed concrete stockpile shall be prioritized for removal and disposal within the first 150 working days. Project start date is estimated to be somewhere between September 1 and September 15, 2023. DOC 6925025 outlines and includes all relevant information for this project, such as the complete Invitation-to-Bid (ITB) package, exhibits, and bids received. Board approval date for this project was July 26, 2023, and the lowest bidder Griffith Company was awarded the contract. The Pre-con meeting was held at the FORCO site on August 14, 2023, and included Districts parties from Property Management, Construction Management (Project Engineer and Inspectors), and Environmental Health and Safety.

## Budget Projections

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$3,500,000     | \$500,000 | \$0     | \$0     | \$0     | \$0                | \$4,000,000          |

\* Through June 30, 2024



**Facility:** Tulare Lake Compost  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 34318 23rd Avenue, Kettleman City, California 93239  
**Responsible Section:** Energy Recovery Engineering

**Total Project Budget:** \$175,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2025  
**Finishing Project in FY24/25**

**Description**

Backup generator

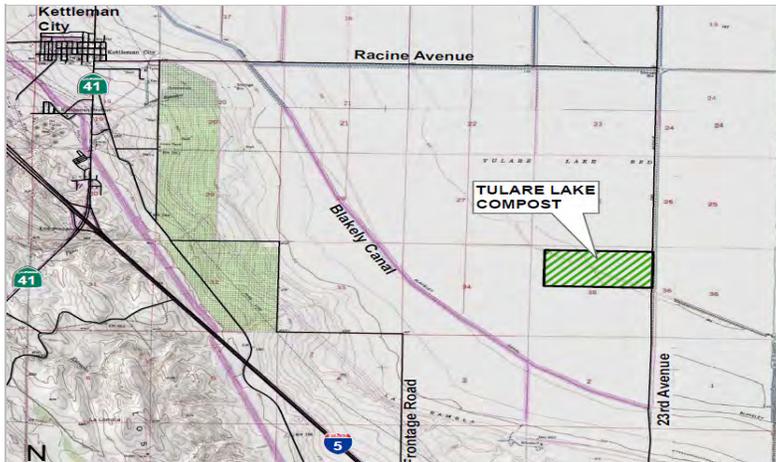
**Justification**

Tulare Lake Compost facility currently has no back up power and is susceptible to excessive heat and therefore sensitive computing and communication equipment is at risk during power outages. This project provides electrical connection to a backup generator and does not include a genset.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$25,000        | \$150,000 | \$0     | \$0     | \$0     | \$0                | \$175,000            |

\* Through June 30, 2024



**Facility:** Tulare Lake Compost  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 34318 23rd Ave, Kettleman City, California 93239  
**Responsible Section:** Reuse & Compliance

**Total Project Budget:** \$4,150,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2015  
**Project End Date:** 06/30/2041  
**Continuing Project in FY24/25**

**Description**

Infrastructure improvements

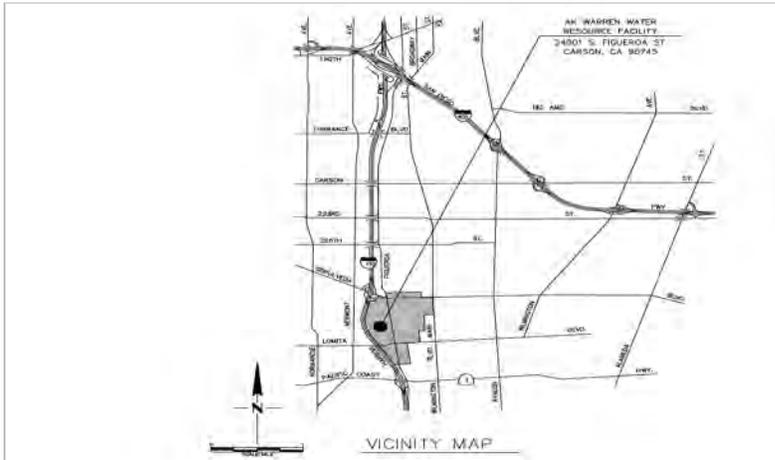
**Justification**

Districts' 50% share of a \$500K Capital Call authorized by the IERCA Board occurring approximately every 5 years.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27   | 2027-28   | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-----------|-----------|--------------------|----------------------|
| \$1,650,000     | \$450,000 | \$200,000 | \$200,000 | \$200,000 | \$1,450,000        | \$4,150,000          |

\* Through June 30, 2024



**Facility:** AK Warren Water Resource Facility  
**Status:** Planning  
**District:** 02  
**Project Location:** 24501 S. Figueroa Street, Carson, California 90745  
**Responsible Section:** Structural, Architectural And Geotechnical Design

**Total Project Budget:** \$10,000,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 04/10/2024  
**Project End Date:** 01/18/2028  
**Continuing Project in FY24/25**

**Description**

Infrastructure improvements

**Justification**

The original project has been split into 2 Phases with the Project No. 1000933 for Phase 1 and Project No. 1001088 for Phase 2. Phase 2 covers the conveyor support members within Truck Loading Station Nos. 1, 2 & 3. The total project cost for Phase 2 will be \$10M.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|-------------|---------|--------------------|----------------------|
| \$185,000       | \$500,000 | \$5,000,000 | \$4,315,000 | \$0     | \$0                | \$10,000,000         |

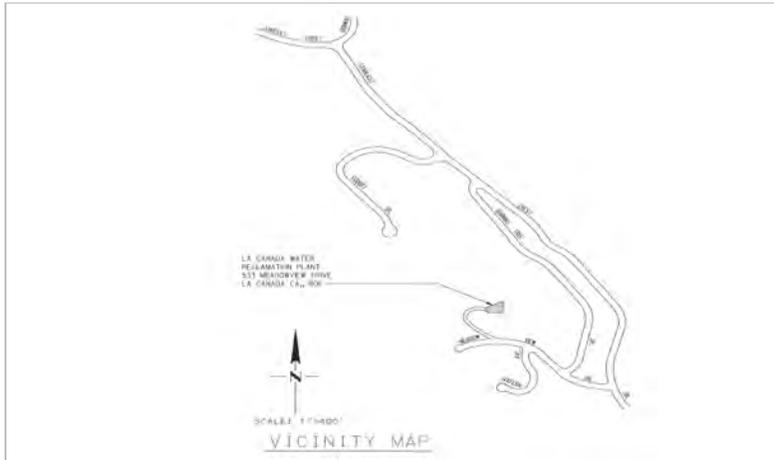
\* Through June 30, 2024

An aerial photograph of a wastewater treatment plant. The plant features several large, rectangular aeration basins with metal grates, numerous industrial buildings with grey roofs, and various pipes and structures. The facility is situated in a semi-arid landscape with green trees and shrubs in the foreground. In the background, a range of blue mountains stretches across the horizon under a clear blue sky. A blue rectangular box with a white border is overlaid on the center of the image, containing the text.

# WASTEWATER

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## Water Reclamation Plants



**Facility:** La Canada Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 533 Meadowview Drive, La Canada, California 91011  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$425,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2011  
**Project End Date:** 06/30/2031  
**Continuing Project in FY24/25**

**Description**

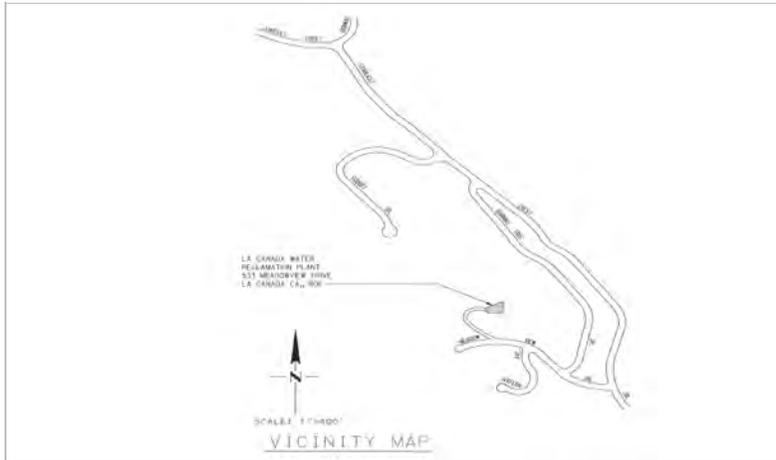
Infrastructure improvements

**Justification**

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26  | 2026-27  | 2027-28  | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|----------|----------|----------|--------------------|----------------------|
| \$220,127       | \$25,000 | \$25,000 | \$25,000 | \$25,000 | \$104,873          | \$425,000            |

\* Through June 30, 2024



|                                    |   |
|------------------------------------|---|
| <b>Facility:</b>                   | La Canada Water Reclamation Plant                 |
| <b>Status:</b>                     | Planning  |
| <b>District:</b>                   | Joint Outfall                                     |
| <b>Project Location:</b>           | 533 Meadowview Drive, La Canada, California 91011 |
| <b>Responsible Section:</b>        | Reuse & Compliance                                |
| <b>Total Project Budget:</b>       | \$625,000   |
| <b>Construction Contract Cost:</b> |   |
| <b>Funding Source(s):</b>          | 1077 - JO Capital                                 |
| <b>Project Start Date:</b>         | 07/01/2024  |
| <b>Project End Date:</b>           | 06/30/2026  |
| <b>New Project in FY24/25</b>      |   |

**Description**

Process infrastructure improvements

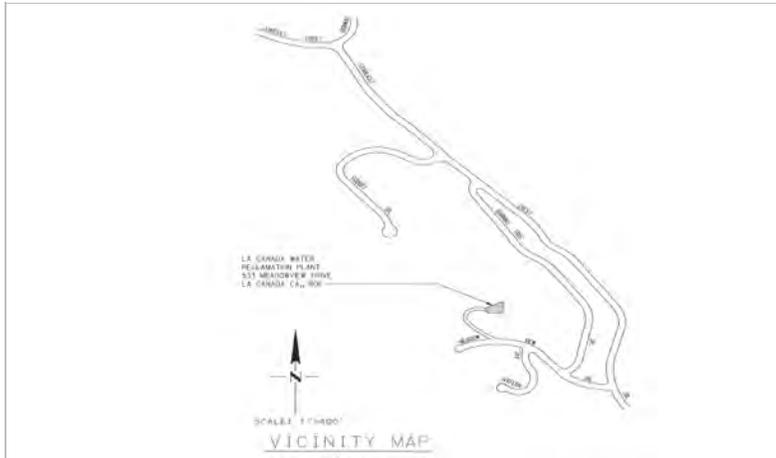
**Justification**

This is a placeholder. Project has not been approved. The Los Angeles Regional Water Quality Control Board intends to renew the waste discharge and water recycling permits for La Canada WRP. Due to State water recycling regulations that were adopted after the current permit was issued for La Canada WRP and its recycled water use, the plant will need to be upgraded to include tertiary treatment facilities, such as filtration and potentially upgraded chlorination facilities. §60310 (f) of Title 22 of the California Code of Regulations requires that in the case that spray irrigation of recycled water is to take place within 100 feet of a residence, as is the case at the neighboring golf course that uses La Canada WRP recycled water, only recycled water meeting the standards of disinfected tertiary recycled water may be used.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|---------|---------|--------------------|----------------------|
| \$0             | \$125,000 | \$500,000 | \$0     | \$0     | \$0                | \$625,000            |

\* Through June 30, 2024



**Facility:** La Canada Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 533 Meadowview Drive, La Canada, California 91011  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$200,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2020  
**Project End Date:** 12/31/2024  
**Finishing Project in FY24/25**

**Description**

Process infrastructure improvements

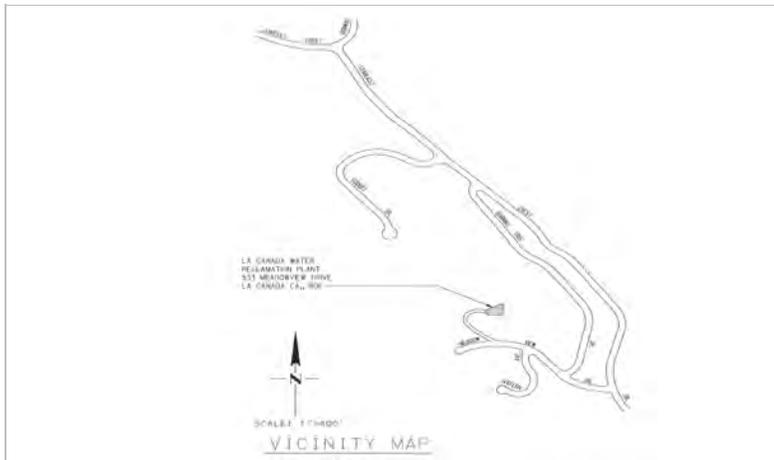
**Justification**

The project will upgrade existing Verbatim Remote Alarm Dialing Monitoring System and upgrade with Allen Bradley PLC-based SCADA system. This will provide better visibility and allow remote process control changes from the San Jose Creek WRP as well as potentially from handheld devices. This upgrade will also allow operational data to be automatically logged by data historian.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$60,000        | \$140,000 | \$0     | \$0     | \$0     | \$0                | \$200,000            |

\* Through June 30, 2024



**Facility:** La Canada Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 533 Meadowview Drive, La Canada, California 91011  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$50,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2019  
**Project End Date:** 12/31/2024  
**Finishing Project in FY24/25**

**Description**

Infrastructure improvements

**Justification**

New Industrial Storm Water Management Rules will require that the WRP collect and treat 85th percentile storm events. Modifications and additions to the existing storm water collection and pumping system will be required to ensure compliance. Water Quality will help refine the scope of work over the next year. At which time, the budget will be revised and a final decision on the design responsibility will be made.

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|---------|---------|---------|--------------------|----------------------|
| \$10,000        | \$40,000 | \$0     | \$0     | \$0     | \$0                | \$50,000             |

\* Through June 30, 2024



|                                    |   |
|------------------------------------|---|
| <b>Facility:</b>                   | Long Beach Water Reclamation Plant                  |
| <b>Status:</b>                     | Design Development                                  |
| <b>District:</b>                   | Joint Outfall                                       |
| <b>Project Location:</b>           | 7400 E. Willow Street, Long Beach, California 90815 |
| <b>Responsible Section:</b>        | Civil and Mechanical Design                         |
| <b>Total Project Budget:</b>       | \$30,000,000  |
| <b>Construction Contract Cost:</b> |   |
| <b>Funding Source(s):</b>          | 1077 - JO Capital                                   |
| <b>Project Start Date:</b>         | 07/01/2024  |
| <b>Project End Date:</b>           | 06/30/2030  |
| <b>New Project in FY24/25</b>      |   |

**Description**

Improvements to secondary treatment facilities

**Justification**

This project was previously named LBWRP PAC Replacement. This project would upgrade the existing aeration system including process air compressor (PACs), aeration distribution piping, diffusers, controls, and associated instrumentation. These upgrades are expected to overall process and energy efficiency, implement real-time automation and control, ensure continued compliance with increasingly stringent regulatory requirements, and increase production of recycle water. The project will also include construction of biotrickling filter(s) with foul air blowers to replace the current activated sludge diffusion foul air treatment system that draws foul air through the blowers and injects the foul air into the aeration tanks. The WRP Section believes this project would be an excellent candidate to be designed and financed by an Energy Services Company (ESCO) with an Energy Service Performance Contracts/Energy Performance Contracts (ESPC/EPC). SEE DOC# 6539317 for Design Request Memo.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27     | 2027-28      | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|-------------|--------------|--------------------|----------------------|
| \$0             | \$500,000 | \$1,500,000 | \$1,500,000 | \$11,000,000 | \$15,500,000       | \$30,000,000         |

\* Through June 30, 2024



**Facility:** Long Beach Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 7400 E. Willow Street, Long Beach, California 90815  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$150,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2022  
**Project End Date:** 12/31/2024  
**Finishing Project in FY24/25**

**Description**

Improvements to tertiary treatment facilities

**Justification**

The existing backwash recovery pumps and piping are in need of replacement due to age. Replacement parts are not easily available

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$20,000        | \$130,000 | \$0     | \$0     | \$0     | \$0                | \$150,000            |

\* Through June 30, 2024



**Facility:** Long Beach Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 7400 E. Willow Street, Long Beach, California 90815  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$200,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2015  
**Project End Date:** 12/31/2025  
**Continuing Project in FY24/25**

**Description**

Process infrastructure improvements

**Justification**

Description - The proposed project consists of removing the existing effluent forebay weir and installing two down-opening weir gates at each of the two outfall pipes in the effluent forebay.

Justification - After completion of the Long Beach WRP Effluent Weir Project (Weir Project), several unforeseen issues were noted. First, an increase in effluent foam has caused an increase in defoamant usage. It is likely that this foam is caused by an increase in effluent turbulence due to the increase in weir discharge height due to the Weir Project. Second, water levels in the effluent forebay are controlled by a stainless steel weir. This weir ensures that effluent samplers do not run dry during periods of high reuse, and that sodium bisulfite addition occurring during periods of low effluent flow does not directly contact and therefore corrode the concrete floor of the effluent forebay. The location of the forebay weir currently misses 50-60% of effluent from CCT No. 3 which could result in samples that are not representative of the discharged effluent. The proposed down opening weir gates would be located approximately 30 feet downstream of the existing forebay weir. Finally, the new sodium bisulfite discharge headers are designed to deliver uniform doses to the water flowing over each of the chlorine contact tank weirs. When water is only flowing over one chlorine contact tank weir (typically CCT No. 3), additional sodium bisulfite must be delivered to ensure that the water is properly dechlorinated.

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26  | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|----------|---------|---------|--------------------|----------------------|
| \$24,699        | \$95,000 | \$80,301 | \$0     | \$0     | \$0                | \$200,000            |

\* Through June 30, 2024



**Facility:** Long Beach Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 7400 E. Willow Street, Long Beach, California 90815  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$250,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 01/01/2023  
**Project End Date:** 12/31/2024  
**Finishing Project in FY24/25**

**Description**

Infrastructure improvements

**Justification**

The existing Final Analyzer Building has settled and is in poor condition and needs to be replaced to protect and secure control equipment.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$30,000        | \$220,000 | \$0     | \$0     | \$0     | \$0                | \$250,000            |

\* Through June 30, 2024



|                                      |   |
|--------------------------------------|---|
| <b>Facility:</b>                     | Long Beach Water Reclamation Plant                  |
| <b>Status:</b>                       | Planning  |
| <b>District:</b>                     | Joint Outfall                                       |
| <b>Project Location:</b>             | 7400 E. Willow Street, Long Beach, California 90815 |
| <b>Responsible Section:</b>          | Water Reclamation Plants                            |
| <b>Total Project Budget:</b>         | \$2,125,000   |
| <b>Construction Contract Cost:</b>   |   |
| <b>Funding Source(s):</b>            | 1077 - JO Capital                                   |
| <b>Project Start Date:</b>           | 07/01/2013  |
| <b>Project End Date:</b>             | 06/30/2033  |
| <b>Continuing Project in FY24/25</b> |   |

### Description

Infrastructure improvements

### Justification

The Long Beach WRP has a local capital budget (ERP Project No. 1000091/ WAM Project No. 1500000005) for small-scale projects to replace, refurbish and/or upgrade assets that have reached the end of their useful life. These miscellaneous local capital projects are less than \$50,000 in budget and are implemented by Districts' Maintenance and/or Electrical Instrumentation personnel or contract services.

### Budget Projections

| Budget to Date* | 2024-25   | 2025-26   | 2026-27   | 2027-28   | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-----------|-----------|--------------------|----------------------|
| \$1,225,000     | \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$500,000          | \$2,125,000          |

\* Through June 30, 2024



**Facility:** Long Beach Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 7400 E. Willow Street, Long Beach, California 90815  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$550,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2019  
**Project End Date:** 12/31/2024  
**Finishing Project in FY24/25**

**Description**

Improvements to secondary treatment facilities

**Justification**

In an effort to address forthcoming restrictions/action limits in regards to nitroso-dimethylamine (NDMA) in upcoming plant permit revisions, the plant is proactively aiming to reduce the formation of NDMA precursors by changing the coagulating agent from Mannich polymer to emulsion polymer. Previous polymer trials have determined that precursor to NDMA formation exist within the Mannich polymer but not an emulsion polymer. To facilitate this conversion, the chemical station will need to be changed to incorporate polymer blending units to activate the emulsion polymer chain for more effective use. Four(4) polymer blending units, two for each treatment Stage will provide mixing and dosing and will replace the existing mixing tanks and dosing pumps.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$250,000       | \$300,000 | \$0     | \$0     | \$0     | \$0                | \$550,000            |

\* Through June 30, 2024



|                                    |   |
|------------------------------------|---|
| <b>Facility:</b>                   | Long Beach Water Reclamation Plant                  |
| <b>Status:</b>                     | Construction  |
| <b>District:</b>                   | Joint Outfall                                       |
| <b>Project Location:</b>           | 7400 E. Willow Street, Long Beach, California 90815 |
| <b>Responsible Section:</b>        | Construction Management                             |
| <b>Total Project Budget:</b>       | \$21,100,000  |
| <b>Construction Contract Cost:</b> | \$13,744,999  |
| <b>Funding Source(s):</b>          | 1077 - JO Capital                                   |
| <b>Project Start Date:</b>         | 07/01/2017  |
| <b>Project End Date:</b>           | 06/30/2025  |
|                                    | <b>Finishing Project in FY24/25</b>                 |

**Description**

Electrical and instrumentation infrastructure improvements

**Justification**

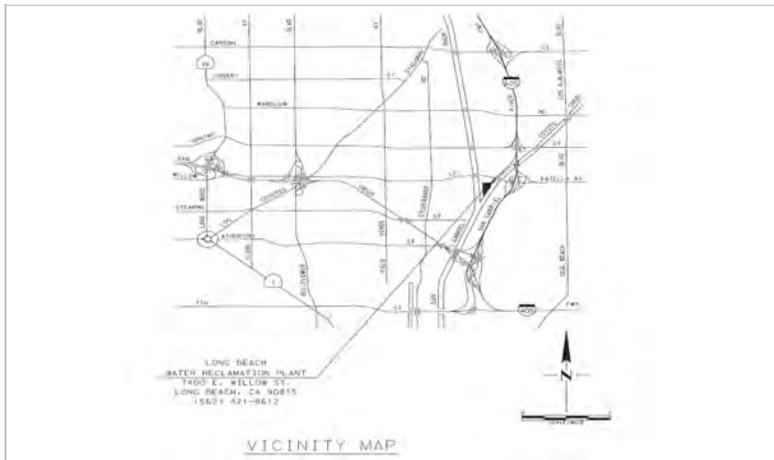
The replacement of Switchboards 1B3, 1B3A, 1B3A1, 1B2A, 1B4B1 and Transformers 1B3 and 1B4B1 was added to the original scope of work to provide a complete Power Distribution System Modifications project per Operations request under DSC-0001. In addition, the conversion of the existing 12-kV SCE power service into a fully redundant power service with two separate P/E gear, primary metering cabinets and transformers was also requested to increase power service reliability. The future Long Beach WRP Power Distribution System Modifications project (JO-G-9036) was combined with the current Long Beach WRP Filter Effluent Pump Station Electrical Upgrades project (JO-G-1300).

The total estimated cost of the combined project is \$11M. The approved budgets In Unifier for the Long Beach WRP Filter Effluent Pump Station Electrical Upgrades (JO-G-1300) and Long Beach WRP Power Distribution System Modifications (JO-G-9036) projects were \$7.6M and \$3.4M, respectively. The funds for JOG-G-9036 were shifted forward to support the proposed combined JO-G-1300 project and the additional \$400,000 requested by Operations was added to the overall project budget for a total of \$11.4M.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$19,600,000    | \$1,500,000 | \$0     | \$0     | \$0     | \$0                | \$21,100,000         |

\* Through June 30, 2024



**Facility:** Long Beach Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 7400 E. Willow Street, Long Beach, California 90815  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$350,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 01/01/2023  
**Project End Date:** 12/31/2024  
**Finishing Project in FY24/25**

**Description**

Improvements to primary treatment facilities

**Justification**

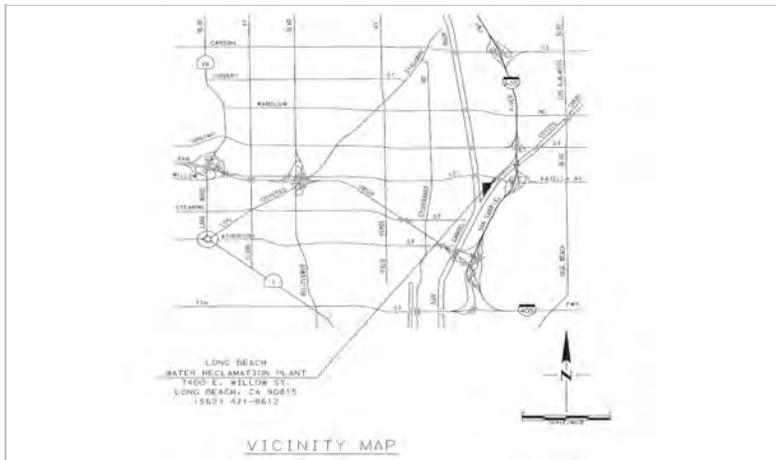
TEW-2/24/2024: Revised Project End Date to 12/31/2024, Cash Flow moved accordingly.

Project consists of the installation of a chopper pump, piping, and mixing nozzle assemblies to keep grit and floatable debris from settling or being trapped in the channel.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$250,000       | \$100,000 | \$0     | \$0     | \$0     | \$0                | \$350,000            |

\* Through June 30, 2024



**Facility:** Long Beach Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 7400 E. Willow Street, Long Beach, California 90815  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$250,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 12/31/2025  
**New Project in FY24/25**

**Description**

Improvements to tertiary treatment facilities

**Justification**

The existing wood baffles are old and in poor condition and will be replaced with FRP baffles using existing framing.

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26   | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|-----------|---------|---------|--------------------|----------------------|
| \$0             | \$30,000 | \$220,000 | \$0     | \$0     | \$0                | \$250,000            |

\* Through June 30, 2024



|                                    |   |
|------------------------------------|---|
| <b>Facility:</b>                   | Long Beach Water Reclamation Plant                  |
| <b>Status:</b>                     | Post Construction                                   |
| <b>District:</b>                   | Joint Outfall                                       |
| <b>Project Location:</b>           | 7400 E. Willow Street, Long Beach, California 90815 |
| <b>Responsible Section:</b>        | Construction Management                             |
| <b>Total Project Budget:</b>       | \$2,630,260   |
| <b>Construction Contract Cost:</b> | \$1,933,550   |
| <b>Funding Source(s):</b>          | 1077 - JO Capital                                   |
| <b>Project Start Date:</b>         | 02/01/2019  |
| <b>Project End Date:</b>           | 09/30/2024  |
|                                    | <b>Finishing Project in FY24/25</b>                 |

## Description

Infrastructure improvements

## Justification

4/24/2020: The project will enhance site security and personnel safety by replacing the existing 6-ft tall chain link fencing with 8-ft tall high-strength mesh modular fencing, like that installed at the Los Coyotes, Whittier Narrows, Pomona, and San Jose Creek East WRP. In addition the entrance gates will be replaced with new gates with access via an employee badge reader, and several new parking stalls will be added to accommodate future electric vehicle charging stations.

6/24/2016: The project will enhance site security and personnel safety by replacing the existing 6-ft tall chain link fencing with 8-ft tall high-strength mesh modular fencing, like that installed at the San Jose Creek East WRP. In addition, the entrance gates will be replaced with new gates with access via an employee badge reader. New security cameras will be installed at the WRP entrance/exit.

## Budget Projections

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$2,457,980     | \$172,280 | \$0     | \$0     | \$0     | \$0                | \$2,630,260          |

\* Through June 30, 2024



|                                    |   |
|------------------------------------|---|
| <b>Facility:</b>                   | Long Beach Water Reclamation Plant                  |
| <b>Status:</b>                     | Planning  |
| <b>District:</b>                   | Joint Outfall                                       |
| <b>Project Location:</b>           | 7400 E. Willow Street, Long Beach, California 90815 |
| <b>Responsible Section:</b>        | Water Reclamation Plants                            |
| <b>Total Project Budget:</b>       | \$360,000   |
| <b>Construction Contract Cost:</b> |   |
| <b>Funding Source(s):</b>          | 1077 - JO Capital                                   |
| <b>Project Start Date:</b>         | 07/01/2024  |
| <b>Project End Date:</b>           | 06/30/2026  |
| <b>New Project in FY24/25</b>      |   |

**Description**

Improvements to tertiary treatment facilities

**Justification**

**Sodium Hypochlorite:** The existing fiberglass reinforced plastic (FRP) storage tanks for sodium hypochlorite are in poor condition and have exceeded their 20-year service life. Additionally, the sodium hypochlorite distribution piping is oversized for the volume of chemical required, which results in the wasting of chemical due to the need to purge on a daily basis. The subject project would replace the existing FRP tanks, as well as make other improvements to the sodium hypochlorite station and distribution piping to reduce the amount of purging required.

**Sodium Bisulfite:** The existing 10,000 gallon Sodium Bisulfite storage tanks need to be moved or replaced from the current chemical station which is approximately 900 feet from the dosing point to an area adjacent to the secondary sodium bisulfite station which is approximately 50 feet from the dosing point. The existing bisulfite delivery system which relies on wash water as a carrier fluid, should be replaced with a gravity or pump system to eliminate the need for a carrier fluid which is subject precipitative clogging that requires cleaning with mureatic acid, producing hydrogen sulfide gas as a byproduct, a safety risk to staff.

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26   | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|-----------|---------|---------|--------------------|----------------------|
| \$0             | \$30,000 | \$330,000 | \$0     | \$0     | \$0                | \$360,000            |

\* Through June 30, 2024



**Facility:** Long Beach Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 7400 E. Willow Street, Long Beach, California 90815  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$400,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2024  
**Project End Date:** 06/30/2026  
**New Project in FY24/25**

**Description**

Infrastructure improvements

**Justification**

3/05/19: TEW - New Industrial Storm Water Management Rules will require that the WRP collect and treat 85% storm events. Modifications and additions to the existing storm water collection and pumping system will be required.

Previous Description:

A storm water runoff diversion control structure/system at the west end of the plant (behind filters) will be built to divert unintentional chemical releases from cationic polymer and sodium bisulfite systems and to collect first flush runoff into the plant sewer.

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26   | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|-----------|---------|---------|--------------------|----------------------|
| \$0             | \$20,000 | \$380,000 | \$0     | \$0     | \$0                | \$400,000            |

\* Through June 30, 2024



**Facility:** Long Beach Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 7400 E. Willow Street, Long Beach, California 90815  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$450,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2020  
**Project End Date:** 12/31/2024  
**Finishing Project in FY24/25**

## Description

Infrastructure improvements

## Justification

The washwater and nonpotable water systems will be evaluated in terms of efficiency and redundancy. The nonpotable water pumps provide a back-up water source for the washwater system, which provides seal water for the influent and return activated sludge pumping systems at the Long Beach WRP. Should the washwater system go down, the existing non-potable water pumps do not have enough capacity to keep up with system demand. These pumps are original to the plant, and repair parts have been harder to procure.

## Budget Projections

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$50,000        | \$400,000 | \$0     | \$0     | \$0     | \$0                | \$450,000            |

\* Through June 30, 2024



**Facility:** Los Coyotes Water Reclamation Plant  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** 16515 Piuma Avenue, Cerritos, California 90703  
**Responsible Section:** Structural, Architectural And Geotechnical Design

**Total Project Budget:** \$11,200,000

**Construction Contract Cost:**

**Funding Source(s):** 1077 - JO Capital

**Project Start Date:** 02/01/2021

**Project End Date:** 10/25/2027

**Continuing Project in FY24/25**

**Description**

Infrastructure improvements

**Justification**

The existing LCWRP control room was found to be structurally deficient with respect to seismic issues. Additionally, the laboratory needs additional square footage to perform required business tasks, DCS/Business Infrastructure needs to be relocated to a new space adjacent to the control room, and IW staff currently housed in a trailer at the WRP needs a permanent location. In order to address all these needs, the existing Control Building will be replaced.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27     | 2027-28     | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|-------------|-------------|--------------------|----------------------|
| \$475,000       | \$785,000 | \$1,500,000 | \$6,100,000 | \$2,340,000 | \$0                | \$11,200,000         |

\* Through June 30, 2024



**Facility:** Los Coyotes Water Reclamation Plant

**Status:** Planning

**District:** Joint Outfall

**Project Location:** 16515 Piuma Avenue, Cerritos, California 90703

**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$200,000

**Construction Contract Cost:**

**Funding Source(s):** 1077 - JO Capital

**Project Start Date:** 07/01/2023

**Project End Date:** 12/31/2026

**New Project in FY24/25**

**Description**

Infrastructure improvements

**Justification**

The existing filter control station is only under a canopy and is not secured. During major storms the operators are required to use the workstation to manually initiate backwash sequences. The enclosure would allow the Districts to place the work station in a locked building, while keeping the operator and work station dry from wind driven rain.

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26   | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|-----------|---------|---------|--------------------|----------------------|
| \$0             | \$75,000 | \$125,000 | \$0     | \$0     | \$0                | \$200,000            |

\* Through June 30, 2024



**Facility:** Los Coyotes Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 16515 Piuma Avenue, Cerritos, California 90703  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$350,000

**Construction Contract Cost:**

**Funding Source(s):** 1077 - JO Capital

**Project Start Date:** 07/01/2019

**Project End Date:** 12/31/2025

**Finishing Project in FY24/25**

**Description**

Improvements to tertiary treatment facilities

**Justification**

Project will add a fifth pump with variable frequency controller (VFC) and replace the existing VFCs on Pump Nos. 1 and 2, which are obsolete and have reached their useful life with new VFCs. The additional pump with VFC will provide more flexibility in handling flows and increase overall reliability especially during peak storm events. Pump Nos. 3 and 4 are constant speed and will not be upgraded at this time.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$40,000        | \$310,000 | \$0     | \$0     | \$0     | \$0                | \$350,000            |

\* Through June 30, 2024



**Facility:** Los Coyotes Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 16515 Piuma Avenue, Cerritos, California 90703  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$350,000

**Construction Contract Cost:**

**Funding Source(s):** 1077 - JO Capital

**Project Start Date:** 07/01/2023

**Project End Date:** 12/31/2024

**Finishing Project in FY24/25**

**Description**

Improvements to primary treatment facilities

**Justification**

Project consists of the installation of a chopper pump, piping, and mixing nozzle assemblies to keep grit and floatable debris from settling or being trapped in the channel.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$100,000       | \$250,000 | \$0     | \$0     | \$0     | \$0                | \$350,000            |

\* Through June 30, 2024



|                                      |  |
|--------------------------------------|--|
| <b>Facility:</b>                     | Los Coyotes Water Reclamation Plant            |
| <b>Status:</b>                       | Planning                                       |
| <b>District:</b>                     | Joint Outfall                                  |
| <b>Project Location:</b>             | 16515 Piuma Avenue, Cerritos, California 90703 |
| <b>Responsible Section:</b>          | Water Reclamation Plants                       |
| <b>Total Project Budget:</b>         | \$2,010,487                                    |
| <b>Construction Contract Cost:</b>   |  |
| <b>Funding Source(s):</b>            | 1077 - JO Capital                              |
| <b>Project Start Date:</b>           | 07/01/2011                                     |
| <b>Project End Date:</b>             | 06/30/2031                                     |
| <b>Continuing Project in FY24/25</b> |  |

### Description

Infrastructure improvements

### Justification

The Los Coyotes WRP has a local capital budget (ERP Project No. 10000090/ WAM Project No. 1500000006) for small-scale projects to replace, refurbish and/or upgrade assets that have reached the end of their useful life. These miscellaneous local capital projects are less than \$50,000 in budget and are implemented by Districts' Maintenance and/or Electrical Instrumentation personnel or contract services.

### Budget Projections

| Budget to Date* | 2024-25   | 2025-26   | 2026-27   | 2027-28   | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-----------|-----------|--------------------|----------------------|
| \$1,310,487     | \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$300,000          | \$2,010,487          |

\* Through June 30, 2024



**Facility:** Los Coyotes Water Reclamation Plant  
**Status:** Construction  
**District:** Joint Outfall  
**Project Location:** 16515 Piuma Avenue, Cerritos, California 90703  
**Responsible Section:** Construction Management

**Total Project Budget:** \$39,500,000  
**Construction Contract Cost:** \$26,967,000  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/31/2012  
**Project End Date:** 06/30/2025  
**Finishing Project in FY24/25**

**Description**

Electrical and instrumentation infrastructure improvements

**Justification**

Various xformers and SBs are in poor condition. Failure of some critical SB such as influent pumping would result in a stoppage of influent flow and thus SSO. A split bus system and new xformer/SBs will mitigate risks associated with failure.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$37,030,000    | \$2,470,000 | \$0     | \$0     | \$0     | \$0                | \$39,500,000         |

\* Through June 30, 2024



**Facility:** Los Coyotes Water Reclamation Plant

**Status:** Construction

**District:** Joint Outfall

**Project Location:** 16515 Piuma Avenue, Cerritos, California 90703

**Responsible Section:** Construction Management

**Total Project Budget:** \$29,000,000

**Construction Contract Cost:** \$21,984,080

**Funding Source(s):** 1077 - JO Capital

**Project Start Date:** 09/01/2018

**Project End Date:** 06/30/2027

**Continuing Project in FY24/25**

**Description**

Improvements to secondary treatment facilities

**Justification**

All five(5) existing process air compressors (PACs) at Los Coyotes WRP need to be replaced. The Stage I PACs are over 50 years old and require a significant amount of staff time to keep in operation. The Stage II PACs are approximately 48 years old and reaching the end of their useful life. Both the Stage I and Stage II PACs will be replaced with gearless, high-speed turbo blowers to maximize efficiency and reduce energy costs. Since the existing Stage II PACs provide foul air treatment and the proposed PACs will take in fresh, ambient air, a new odor control system will be built for foul air treatment.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26      | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|--------------|-------------|---------|--------------------|----------------------|
| \$4,000,000     | \$6,000,000 | \$15,000,000 | \$4,000,000 | \$0     | \$0                | \$29,000,000         |

\* Through June 30, 2024



**Facility:** Los Coyotes Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 16515 Puma Avenue, Cerritos, California 90703  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$800,000

**Construction Contract Cost:**

**Funding Source(s):** 1077 - JO Capital

**Project Start Date:** 01/01/2023

**Project End Date:** 12/31/2025

**New Project in FY24/25**

**Description**

Process infrastructure improvements

**Justification**

Process improvements are required in order to take full advantage of the available cost savings with new APGN blowers that will be installed as part of the Los Coyotes WRP Process Air Compressor Replacement project.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|---------|---------|--------------------|----------------------|
| \$0             | \$550,000 | \$250,000 | \$0     | \$0     | \$0                | \$800,000            |

\* Through June 30, 2024



**Facility:** Los Coyotes Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 16515 Piuma Avenue, Cerritos, California 90703  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$250,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 12/31/2034  
**New Project in FY24/25**

**Description**

Improvements to tertiary treatment facilities

**Justification**

The existing inlet and outlet gates for the chlorine contact tanks will be replaced with new gates and actuators. The existing gates are old, leak, and in some cases have become inoperable.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|---------|---------|--------------------|----------------------|
| \$0             | \$150,000 | \$100,000 | \$0     | \$0     | \$0                | \$250,000            |

\* Through June 30, 2024



**Facility:** Los Coyotes Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 16515 Piuma Avenue, Cerritos, California 90703  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$500,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 12/31/2024  
**Finishing Project in FY24/25**

**Description**

Improvements to tertiary treatment facilities

**Justification**

The existing filter influent, effluent, and waste backwash valves will be replaced with new valves and actuators. The existing valves are old, no longer seal, and leak. Replacement will limit leakage and thereby reduce pumping costs whiling increasing filter production/efficiency.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$100,000       | \$400,000 | \$0     | \$0     | \$0     | \$0                | \$500,000            |

\* Through June 30, 2024



|                                    |  |
|------------------------------------|--|
| <b>Facility:</b>                   | Los Coyotes Water Reclamation Plant            |
| <b>Status:</b>                     | Planning                                       |
| <b>District:</b>                   | Joint Outfall                                  |
| <b>Project Location:</b>           | 16515 Piuma Avenue, Cerritos, California 90703 |
| <b>Responsible Section:</b>        | Water Reclamation Plants                       |
| <b>Total Project Budget:</b>       | \$400,000                                      |
| <b>Construction Contract Cost:</b> |  |
| <b>Funding Source(s):</b>          | 1077 - JO Capital                              |
| <b>Project Start Date:</b>         | 07/01/2024                                     |
| <b>Project End Date:</b>           | 06/30/2026                                     |
| <b>New Project in FY24/25</b>      |  |

**Description**

Infrastructure improvements

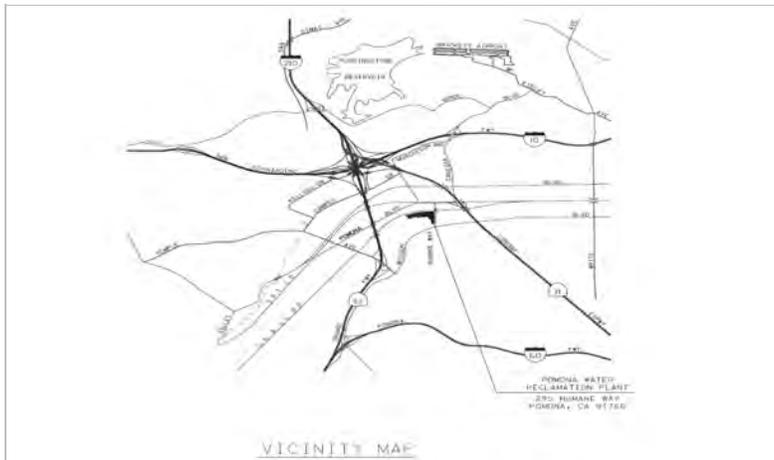
**Justification**

New Industrial Storm Water Management Rules will require that the WRP collect and treat 85th percentile storm events. Modifications and additions to the existing storm water collection and pumping system will be required to ensure compliance. Water Quality will help refine the scope of work over the next year. At which time, the budget will be revised and a final decision on the design responsibility will be made.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|---------|---------|--------------------|----------------------|
| \$0             | \$170,000 | \$230,000 | \$0     | \$0     | \$0                | \$400,000            |

\* Through June 30, 2024



**Facility:** Pomona Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 295 Humane Way, Pomona, California 91766  
**Responsible Section:** Laboratories

**Total Project Budget:** \$350,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 01/01/2024  
**Project End Date:** 12/31/2025  
**New Project in FY24/25**

**Description**

Improvements to laboratory facilities

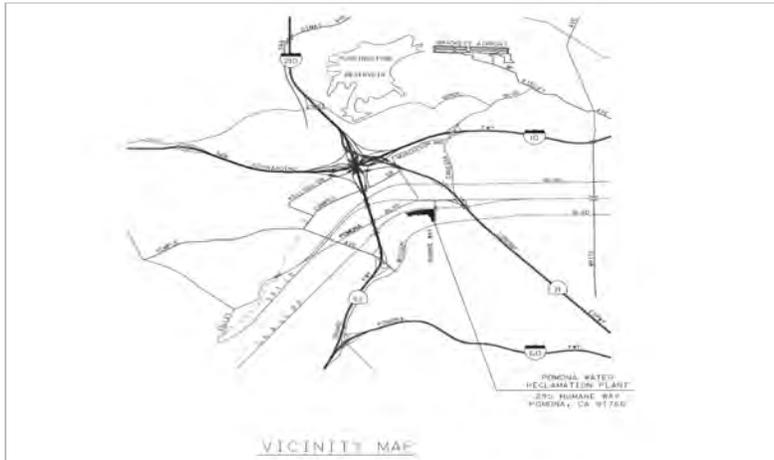
**Justification**

Remodel of the Pomona TPL. Design will begin May 2024, with a target completion date of December 2025.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$0             | \$350,000 | \$0     | \$0     | \$0     | \$0                | \$350,000            |

\* Through June 30, 2024



**Facility:** Pomona Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 295 Humane Way, Pomona, California 91766  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$1,831,778  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2011  
**Project End Date:** 06/30/2031  
**Continuing Project in FY24/25**

**Description**

Infrastructure improvements

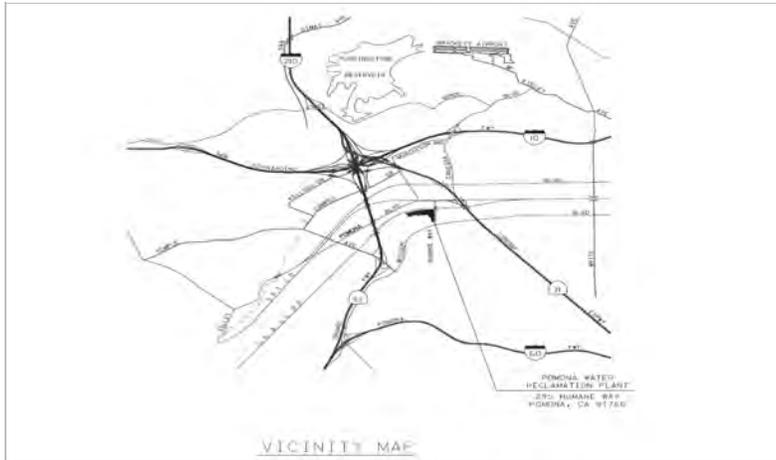
**Justification**

The Pomona WRP has a local capital budget (ERP Project No. 1000088/ WAM Project No. 150000010) for small-scale projects to replace, refurbish and/or upgrade assets that have reached the end of their useful life. These miscellaneous local capital projects are less than \$50,000 in budget and are implemented by Districts' Maintenance and/or Electrical Instrumentation personnel or contract services.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27   | 2027-28   | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-----------|-----------|--------------------|----------------------|
| \$1,131,778     | \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$300,000          | \$1,831,778          |

\* Through June 30, 2024



**Facility:** Pomona Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 295 Humane Way, Pomona, California 91766  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$3,600,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2019  
**Project End Date:** 12/31/2024  
**Finishing Project in FY24/25**

**Description**

Improvements to secondary treatment facilities

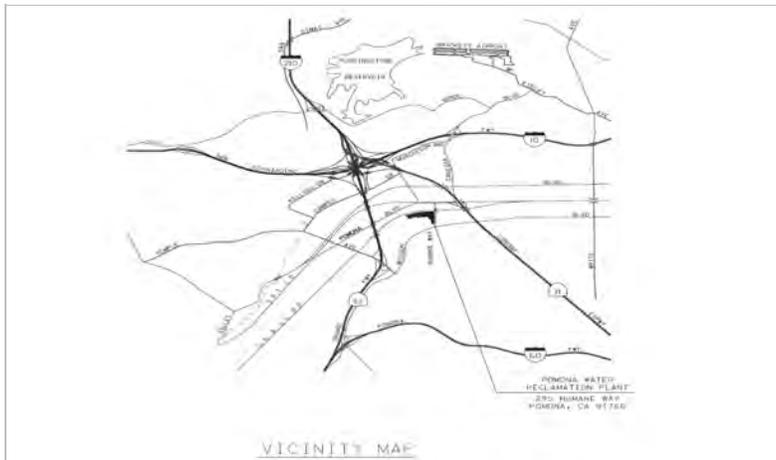
**Justification**

The existing PAC's have been in operation from 1968 and will need to be replaced with more efficient models.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$3,500,000     | \$100,000 | \$0     | \$0     | \$0     | \$0                | \$3,600,000          |

\* Through June 30, 2024



**Facility:** Pomona Water Reclamation Plant  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** 295 Humane Way, Pomona, California 91766  
**Responsible Section:** Electrical Design

**Total Project Budget:** \$14,500,000

**Construction Contract Cost:**

**Funding Source(s):** 1077 - JO Capital

**Project Start Date:** 02/01/2024

**Project End Date:** 04/16/2027

**Continuing Project in FY24/25**

**Description**

Electrical and instrumentation infrastructure improvements

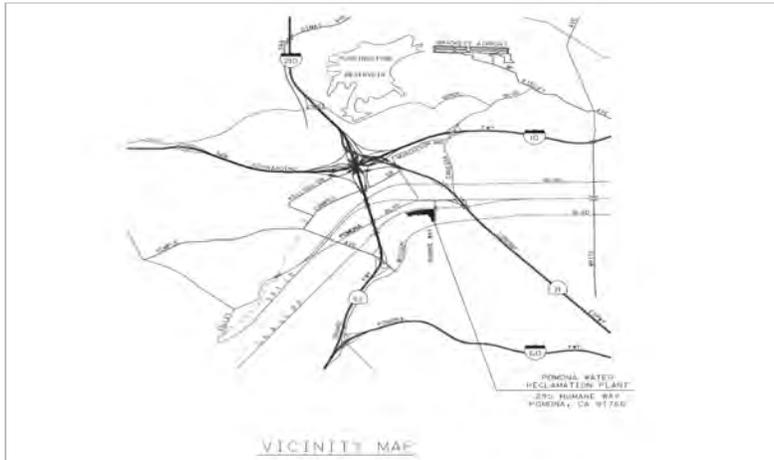
**Justification**

In addition to the transformers and switchboards replacement, the project will upgrade the main switchgear and emergency generator control system. The existing CAT-ISO control system for the generator switchgear includes a number of obsolete components that need to be replaced. In addition, the existing control system is a proprietary system based on Modicon control system which is not the Districts' standard. The Upgrades will replace the control system with an Allen-Bradley PLC based control system. The standardized platform will increase the ability of Districts' staff to maintain and upgrade the control hardware and troubleshoot operational issues since they are already trained on this system.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26     | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|-------------|---------|--------------------|----------------------|
| \$500,000       | \$2,550,000 | \$6,500,000 | \$4,950,000 | \$0     | \$0                | \$14,500,000         |

\* Through June 30, 2024



|                                    |  |
|------------------------------------|--|
| <b>Facility:</b>                   | Pomona Water Reclamation Plant           |
| <b>Status:</b>                     | Construction                             |
| <b>District:</b>                   | Joint Outfall                            |
| <b>Project Location:</b>           | 295 Humane Way, Pomona, California 91766 |
| <b>Responsible Section:</b>        | Construction Management                  |
| <b>Total Project Budget:</b>       | \$21,600,000                             |
| <b>Construction Contract Cost:</b> | \$15,834,500                             |
| <b>Funding Source(s):</b>          | 1077 - JO Capital                        |
| <b>Project Start Date:</b>         | 07/01/2019                               |
| <b>Project End Date:</b>           | 06/30/2027                               |
|                                    | <b>Continuing Project in FY24/25</b>     |

**Description**

Improvements to primary treatment facilities

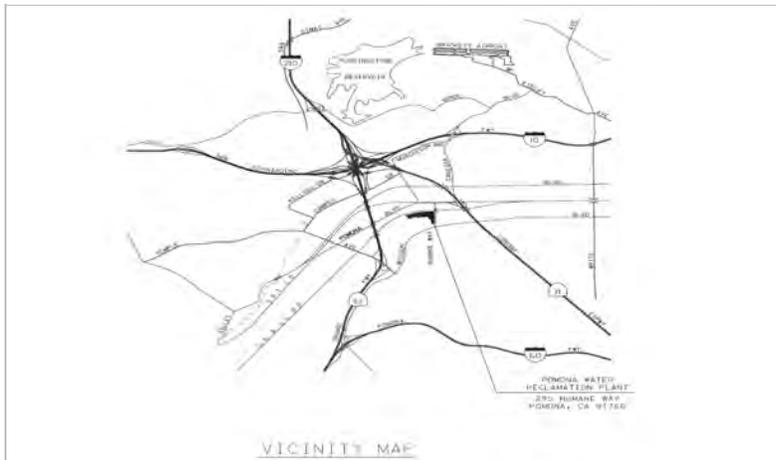
**Justification**

The existing Primary Sedimentation Tanks and Channel Nos. 1 and 2 are unlined and the existing concrete is showing signs of corrosion from exposure to hydrogen sulfide. The concrete will be restored and further protected above the water line by installation of a PVC lining system. This project will also include construction of a biotrickling filter to divert and treat foul air that currently goes through the process air compressors, and replacement of deteriorated return activated sludge (RAS) piping.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26     | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|-------------|---------|--------------------|----------------------|
| \$3,120,000     | \$4,500,000 | \$8,980,000 | \$5,000,000 | \$0     | \$0                | \$21,600,000         |

\* Through June 30, 2024



**Facility:** Pomona Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 295 Humane Way, Pomona, California 91766  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$250,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 12/31/2025  
**New Project in FY24/25**

**Description**

Improvements to secondary treatment facilities

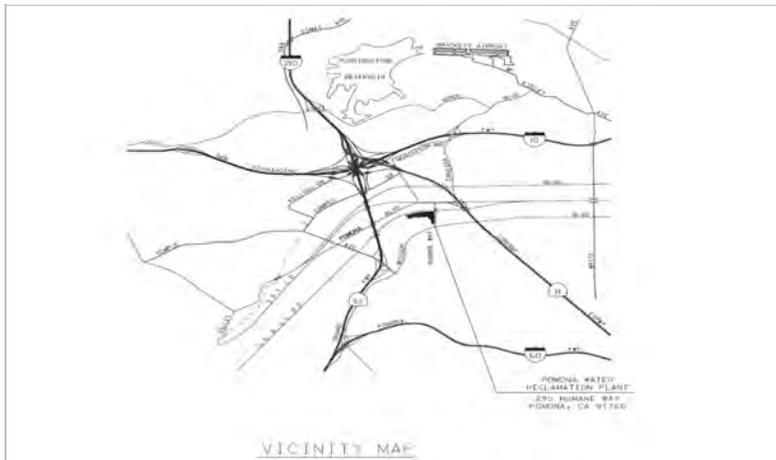
**Justification**

Existing baffles in aeration tanks are wood and are in need of replacement. New baffles will be FRP and will utilize existing structural framing.

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26   | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|-----------|---------|---------|--------------------|----------------------|
| \$0             | \$10,000 | \$240,000 | \$0     | \$0     | \$0                | \$250,000            |

\* Through June 30, 2024



**Facility:** Pomona Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 295 Humane Way, Pomona, California 91766  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$250,000

**Construction Contract Cost:**

**Funding Source(s):** 1077 - JO Capital

**Project Start Date:** 01/01/2023

**Project End Date:** 12/31/2025

**Finishing Project in FY24/25**

**Description**

Improvements to secondary treatment facilities

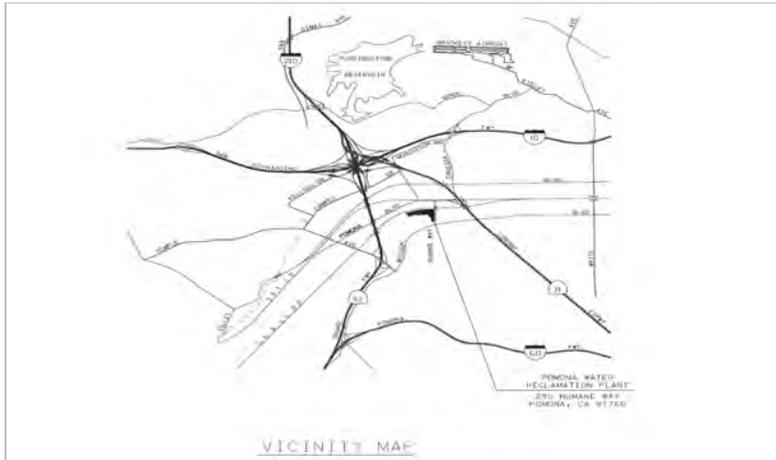
**Justification**

Existing final sedimentation tanks (FSTs) are shallow and were designed for pre-Nitrification/Denitrification conditions with much lower mixed liquor suspended solids concentrations. In addition, existing launders in FSTs are steel, corroded, and are in need of replacement. The project will add a hydrocyclone including required pump and piping, will include CFD modeling to determine optimal placement of launders and baffles, and purchase and installation of new launders/baffles.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$45,851        | \$204,149 | \$0     | \$0     | \$0     | \$0                | \$250,000            |

\* Through June 30, 2024



**Facility:** Pomona Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 295 Humane Way, Pomona, California 91766  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$300,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 12/31/2025  
**New Project in FY24/25**

**Description**

Infrastructure improvements

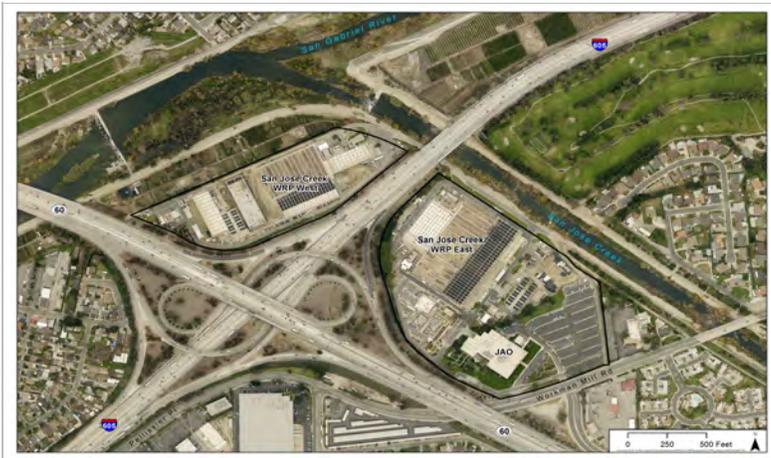
**Justification**

Security cameras and badge card readers will be added at selected locations to improve physical security as recommended by Kroll, the Districts' Security Consultant.

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26   | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|-----------|---------|---------|--------------------|----------------------|
| \$0             | \$50,000 | \$250,000 | \$0     | \$0     | \$0                | \$300,000            |

\* Through June 30, 2024



**Facility:** San Jose Creek Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Laboratories

**Total Project Budget:** \$350,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2024  
**Project End Date:** 12/31/2024  
**New Project in FY24/25**

**Description**

Improvements to laboratory facilities

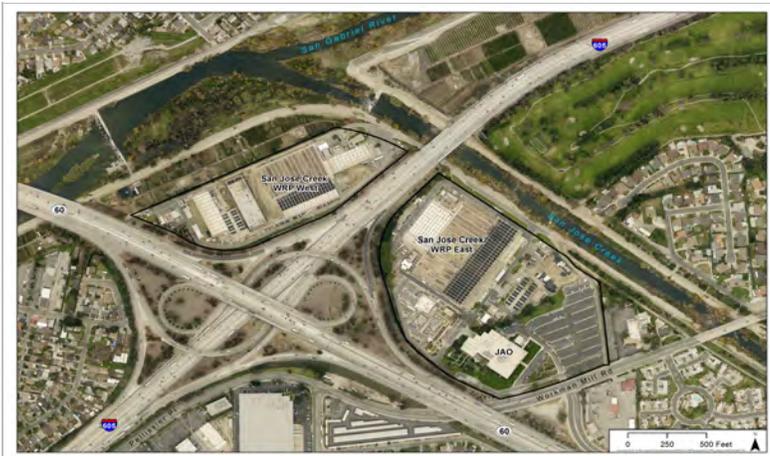
**Justification**

Remodel of the APL. It is currently in design with VWR. Target completion date is December 2024, 6 months after the San Jose Creek TPL is completed.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$0             | \$350,000 | \$0     | \$0     | \$0     | \$0                | \$350,000            |

\* Through June 30, 2024



**Facility:** San Jose Creek Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Laboratories

**Total Project Budget:** \$25,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2024  
**Project End Date:** 06/30/2025  
**New Project in FY24/25**

**Description**

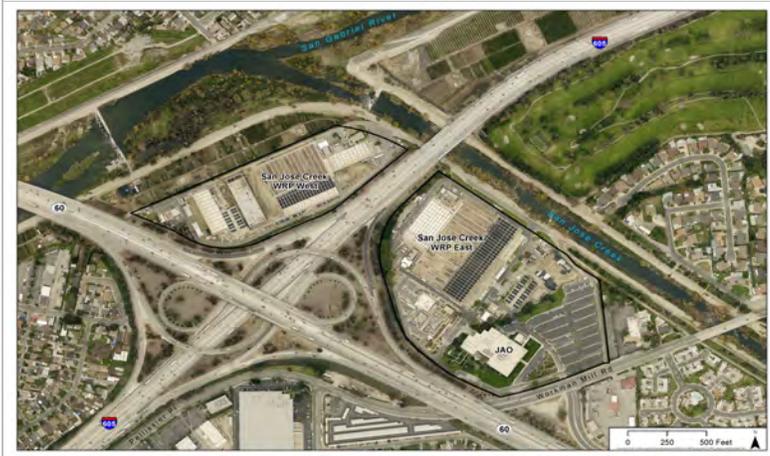
Demolition of non-permitted trailer

**Justification**

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|---------|---------|---------|--------------------|----------------------|
| \$0             | \$25,000 | \$0     | \$0     | \$0     | \$0                | \$25,000             |

\* Through June 30, 2024



**Facility:** San Jose Creek Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Laboratories

**Total Project Budget:** \$250,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 01/01/2023  
**Project End Date:** 06/30/2025  
**New Project in FY24/25**

**Description**

Improvements to laboratory facilities

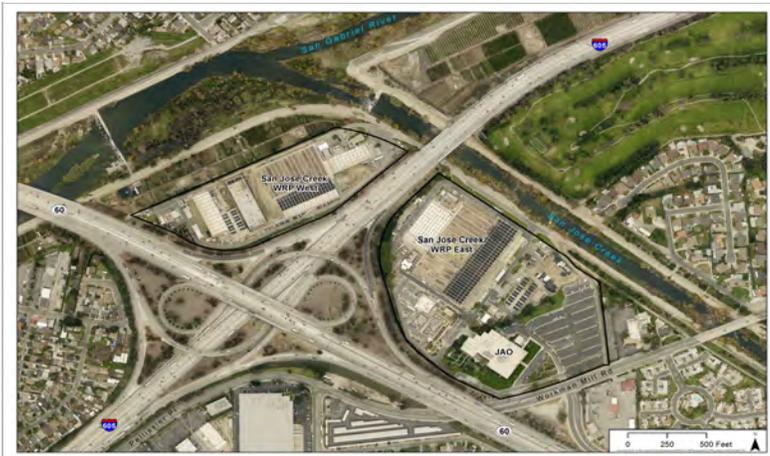
**Justification**

Installation of a manual fire alarm system with smoke detection in the laboratories only.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$0             | \$250,000 | \$0     | \$0     | \$0     | \$0                | \$250,000            |

\* Through June 30, 2024



**Facility:** San Jose Creek Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Laboratories

**Total Project Budget:** \$50,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2024  
**Project End Date:** 06/30/2025  
**New Project in FY24/25**

**Description**

Improvements to laboratory facilities

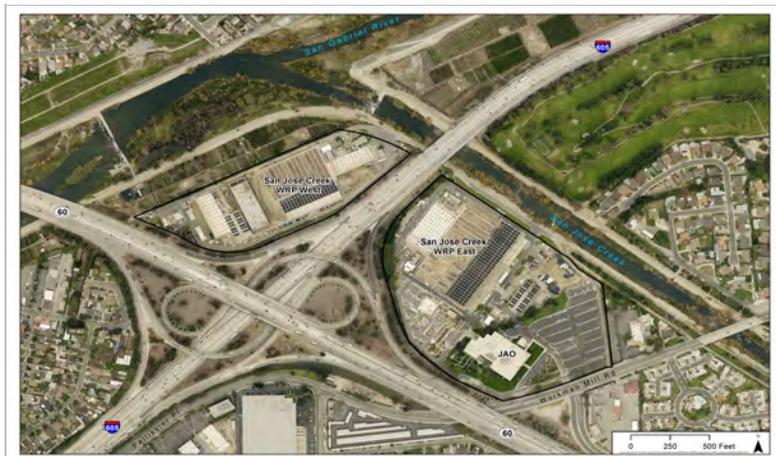
**Justification**

Preventive maintenance of QA office trailer for extending the building life. This may include exterior painting, window replacement, roof inspection/repair, new furniture, and more.

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|---------|---------|---------|--------------------|----------------------|
| \$0             | \$50,000 | \$0     | \$0     | \$0     | \$0                | \$50,000             |

\* Through June 30, 2024



**Facility:** San Jose Creek-East Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$600,000

**Construction Contract Cost:**

**Funding Source(s):** 1077 - JO Capital

**Project Start Date:** 06/06/2022

**Project End Date:** 12/31/2025

**Continuing Project in FY24/25**

**Description**

Improvements to secondary treatment facilities

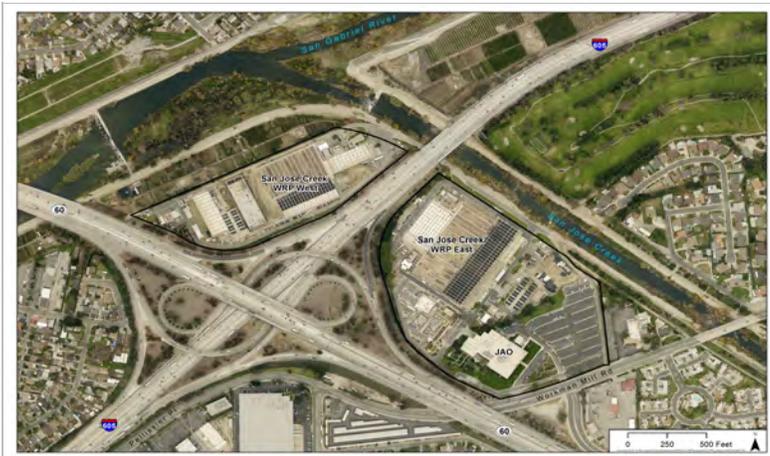
**Justification**

The original Stage One launders are constructed of steel and, after 50 years of operation, are now extremely corroded (photos attached). This project will replace the launders in Secondary Tanks 1 through 18 (2 per tank) with fiberglass launders.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|---------|---------|--------------------|----------------------|
| \$10,000        | \$450,000 | \$140,000 | \$0     | \$0     | \$0                | \$600,000            |

\* Through June 30, 2024



**Facility:** San Jose Creek Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Laboratories

**Total Project Budget:** \$50,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1136 - TS Lab Capital  
**Project Start Date:** 10/01/2021  
**Project End Date:** 06/30/2040  
**New Project in FY24/25**

**Description**

Improvements to laboratory facilities

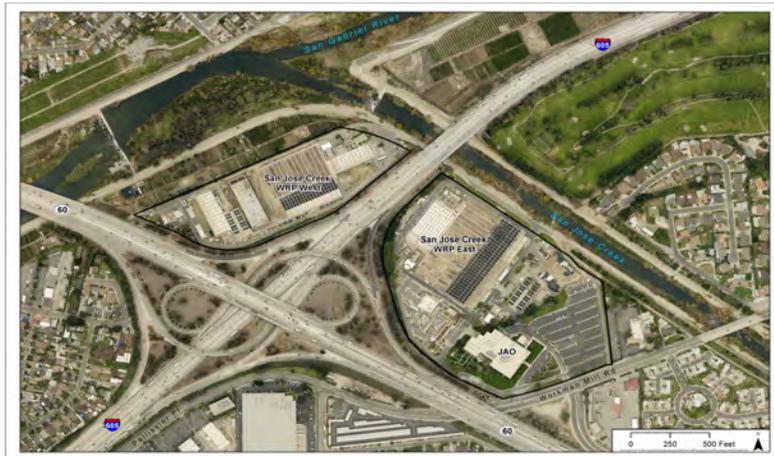
**Justification**

This is placeholder per Financial Management Department in case capital work is needed.

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|---------|---------|---------|--------------------|----------------------|
| \$0             | \$50,000 | \$0     | \$0     | \$0     | \$0                | \$50,000             |

\* Through June 30, 2024



**Facility:** San Jose Creek-East Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$4,218,186  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2011  
**Project End Date:** 06/30/2031  
**Continuing Project in FY24/25**

**Description**

Infrastructure improvements

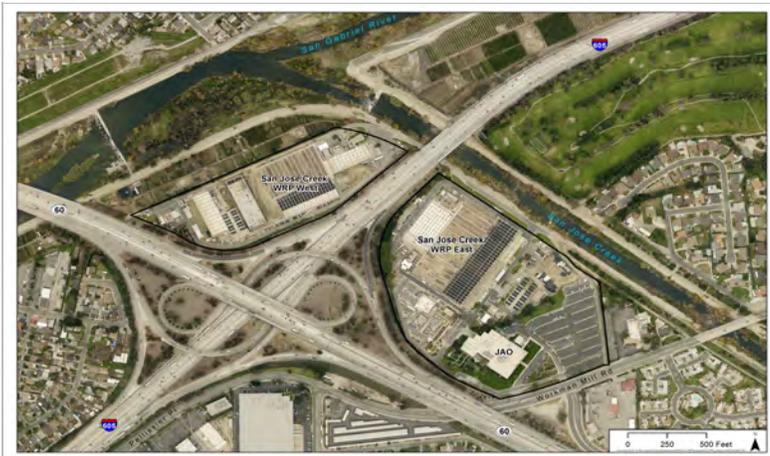
**Justification**

The San Jose Creek East WRP has a local capital budget (ERP Project No. 1000087+01-00-00) for projects to replace, refurbish and/or upgrade assets that have reached the end of their useful life. These miscellaneous local capital projects are implemented by Districts' Maintenance and/or Electrical Instrumentation personnel or contract services. Some projects are completed in discrete phases over multiple fiscal years.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27   | 2027-28   | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-----------|-----------|--------------------|----------------------|
| \$2,818,186     | \$200,000 | \$200,000 | \$200,000 | \$200,000 | \$600,000          | \$4,218,186          |

\* Through June 30, 2024



**Facility:** San Jose Creek-East Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$500,000

**Construction Contract Cost:**

**Funding Source(s):** 1077 - JO Capital

**Project Start Date:** 07/01/2017

**Project End Date:** 12/31/2025

**New Project in FY24/25**

**Description**

Improvements to tertiary treatment facilities

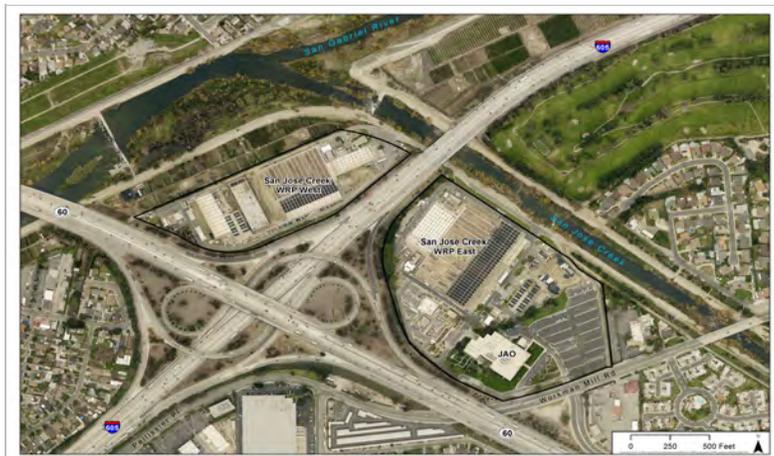
**Justification**

The existing tertiary filters utilize filtered effluent for backwashing filters. During times when there is significant carry-over of solids such as storms or other upset plant conditions, the filters blind which limits the amount of product water available for backwashing the filters. The proposed project would add vertical tank(s) for storage of disinfected tertiary water pumped from the 3rd pass (Industry Hills takeoff) of the contact tanks, ensuring that water is always available for required backwash cycles. This would also benefit chlorination dosing and control by eliminating problematic sudden decreases in effluent flow when backwash cycle are initiated.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|---------|---------|--------------------|----------------------|
| \$0             | \$350,000 | \$150,000 | \$0     | \$0     | \$0                | \$500,000            |

\* Through June 30, 2024



**Facility:** San Jose Creek-East Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$750,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2018  
**Project End Date:** 12/31/2026  
**New Project in FY24/25**

**Description**

Improvements to tertiary treatment facilities

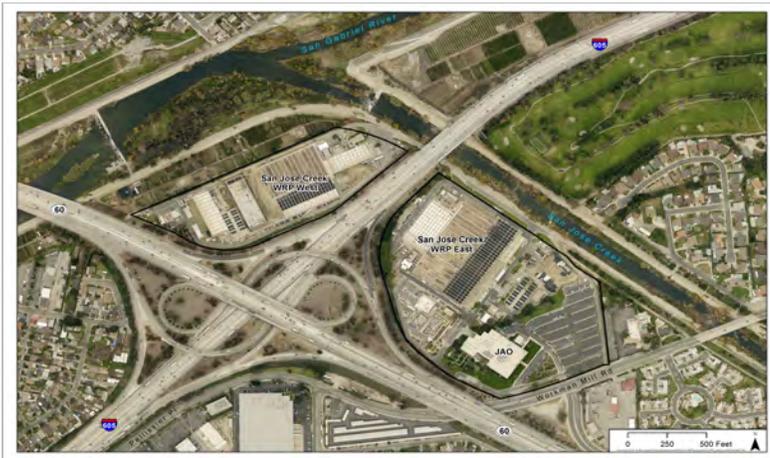
**Justification**

Upgrade effluent filter control system. Similar to SJCW, these filter controls are obsolete. The project involves installation of new control panels, replacement of obsolete PCUs with new PLCs, E&IESG labor for re-programming and development of process control descriptions, and re-wiring of remote I/O racks and associated materials and labor for installation. This project will be coordinated with the SJCE Power distribution project, and chlorine/SO2 conversion to hypochlorite/bisulfite. This work will also be coordinated with the replacement of obsolete PCUs at SJCE and the SJCE Power Distribution project. Engineering staff will begin planning and design work in July 2015.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27   | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-----------|---------|--------------------|----------------------|
| \$0             | \$125,000 | \$400,000 | \$225,000 | \$0     | \$0                | \$750,000            |

\* Through June 30, 2024



**Facility:** San Jose Creek-East Water Reclamation Plant

**Status:** Planning

**District:** Joint Outfall

**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601

**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$220,000

**Construction Contract Cost:**

**Funding Source(s):** 1077 - JO Capital

**Project Start Date:** 07/01/2022

**Project End Date:** 12/31/2025

**Continuing Project in FY24/25**

## Description

Infrastructure improvements

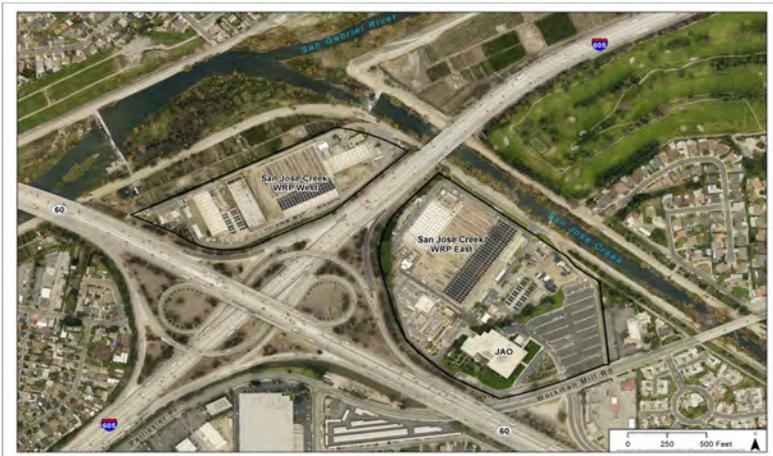
## Justification

Upgrading the existing gallery lighting with energy efficient lights with motion sensors will result in energy cost savings that will recover the cost of the project.

## Budget Projections

| Budget to Date* | 2024-25   | 2025-26  | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|----------|---------|---------|--------------------|----------------------|
| \$65,000        | \$105,000 | \$50,000 | \$0     | \$0     | \$0                | \$220,000            |

\* Through June 30, 2024



**Facility:** San Jose Creek-East Water Reclamation Plant

**Status:** Planning

**District:** Joint Outfall

**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601

**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$500,000

**Construction Contract Cost:**

**Funding Source(s):** 1077 - JO Capital

**Project Start Date:** 01/03/2017

**Project End Date:** 12/31/2024

**Finishing Project in FY24/25**

## Description

Improvements to primary treatment facilities

## Justification

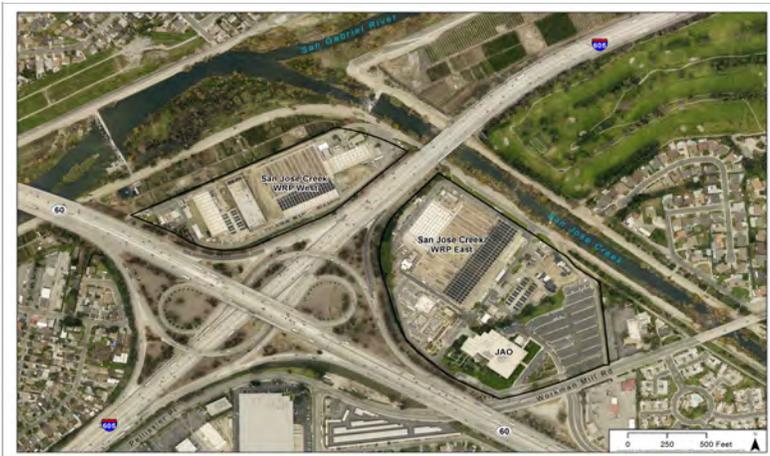
The influent pump station (Pumps/Motors/VFCs) has been identified as insufficient redundancy during peak wet weather flows. With the physical condition of the pumps rated as adequate there is an immediate need for upgrading.

9-20-2017: Project Alternatives were evaluated by WW&SW Design (DMS-4152716). In-lieu of constructing a new influent pump station at San Jose Creek East, constructing additional primary sedimentation tanks at San Jose Creek West would increase the overall storm flow treatment capacity at San Jose Creek, provide influent pumping redundancy for the combined SJC East and West Influent Pumping Systems, and support the expansion of recycled water production at San Jose Creek. Based on mtgs between WMD and ED and FO, it was felt that this project (East Influent Pump Station Upgrade) should be investigated and revised to evaluate/confirm that the modification of impellers and upsizing of pump motors could increase pump speed and output to achieve the rated storm flow capacity pumping of 40 MGD per pump. The new project will involve engineering support, modification of impeller trims, and purchase of higher horsepower motors for all East Influent Pumps.

## Budget Projections

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$21,601        | \$478,399 | \$0     | \$0     | \$0     | \$0                | \$500,000            |

\* Through June 30, 2024



**Facility:** San Jose Creek-East Water Reclamation Plant

**Status:** Planning

**District:** Joint Outfall

**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601

**Responsible Section:** Structural, Architectural And Geotechnical Design

**Total Project Budget:** \$34,000,000

**Construction Contract Cost:**

**Funding Source(s):** 1077 - JO Capital

**Project Start Date:** 07/01/2017

**Project End Date:** 06/30/2029

**Continuing Project in FY24/25**

**Description**

Capital improvements to water reclamation plant

**Justification**

The SJC Maintenance Group supports multiple Upstream WRPs (San Jose Creek East/West, Pomona and Whittier Narrows). The existing maintenance building is undersized and inadequate for maintenance staff. With the conversion of the Chlorine and Sulfur Dioxide systems to Sodium Hypochlorite and Bisulfite Systems, the existing buildings for Chlorine/SO2 systems were planned to be repurposed to better support maintenance needs for expanded M&C/Stationary Mechanic workshops, inventory store rooms, lubrication storage rooms, and other facilities in support of maintenance efficiency. However, it was determined that these buildings do not meet the current seismic code requirements. The retrofit of the existing buildings is expensive; construction of a new maintenance building was evaluated and incorporated into the ongoing Master Plan efforts.

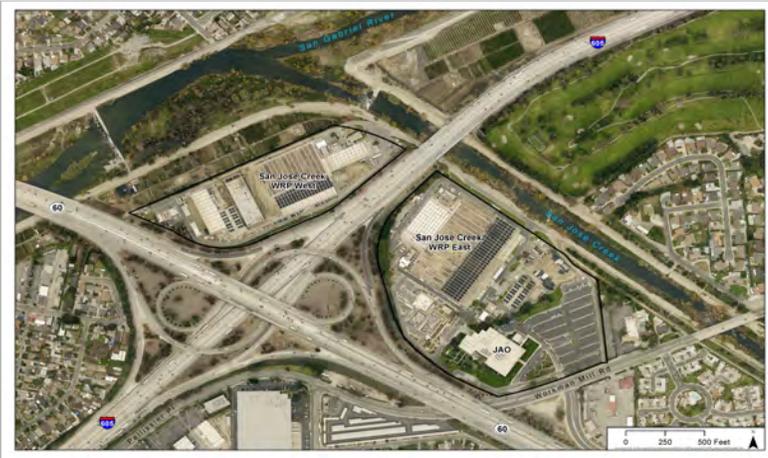
**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27      | 2027-28     | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|--------------|-------------|--------------------|----------------------|
| \$173,646       | \$200,000 | \$5,250,000 | \$20,000,000 | \$8,000,000 | \$376,354          | \$34,000,000         |

\* Through June 30, 2024

# San Jose Creek East WRP Maintenance Building Restrooms & Lunch Room Improvements

JO-G-9529



**Facility:** San Jose Creek-East Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$1,500,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2025  
**Finishing Project in FY24/25**

## Description

Infrastructure improvements

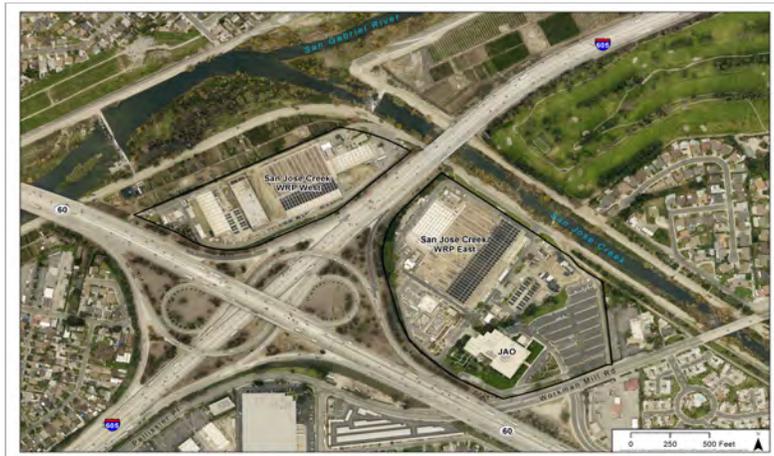
## Justification

The existing restroom/locker and lunch room facilities in the Maintenance Building are original and in need of renovation. Project will utilize JOC.

## Budget Projections

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$100,000       | \$1,400,000 | \$0     | \$0     | \$0     | \$0                | \$1,500,000          |

\* Through June 30, 2024



|                                    |   |
|------------------------------------|---|
| <b>Facility:</b>                   | San Jose Creek-East Water Reclamation Plant           |
| <b>Status:</b>                     | Construction  |
| <b>District:</b>                   | Joint Outfall   |
| <b>Project Location:</b>           | 1965 S. Workman Mill Road, Whittier, California 90601 |
| <b>Responsible Section:</b>        | Construction Management                               |
| <b>Total Project Budget:</b>       | \$17,100,000  |
| <b>Construction Contract Cost:</b> | \$7,074,185   |
| <b>Funding Source(s):</b>          | 1077 - JO Capital                                     |
| <b>Project Start Date:</b>         | 06/23/2016  |
| <b>Project End Date:</b>           | 06/30/2025  |
|                                    | <b>Finishing Project in FY24/25</b>                   |

**Description**

Improvements to secondary treatment facilities

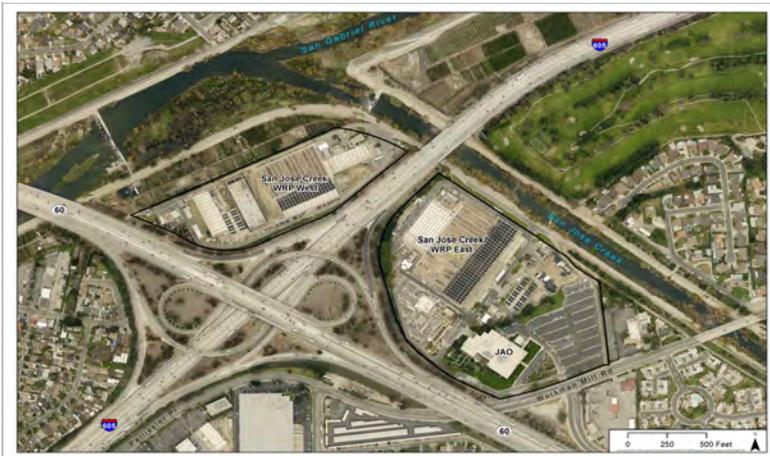
**Justification**

The PAC's (1971-Stage I and 1982-Stage II) operate inefficiently and do not provide sufficient air to fully nitrify secondary effluent to eliminate ammonia bleed through. Replacement PACs with automated controls will reduce ammonia bleed through events while operating more efficiently. Project scope also includes installation of bio-trickling filters for treatment of foul air that is currently pulled through existing PACs for odor control due to concerns that newer PAC technology would not be able to reliably perform under these conditions.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$15,243,000    | \$1,857,000 | \$0     | \$0     | \$0     | \$0                | \$17,100,000         |

\* Through June 30, 2024



**Facility:** San Jose Creek-East Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$400,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2022  
**Project End Date:** 12/31/2024  
**Finishing Project in FY24/25**

**Description**

Capital improvements to water reclamation plant

**Justification**

Asphalt paving is cracking and patched in several areas w/in WRP. Last repaving was in 1995. Because of number of concurrent CIP projects on schedule for SJCE (Chemical Conversion, Power Distribution, Stage I RAS Pump Station Replacement), project has been pushed back for 5 years, until after completion of Power Distribution in 2018.

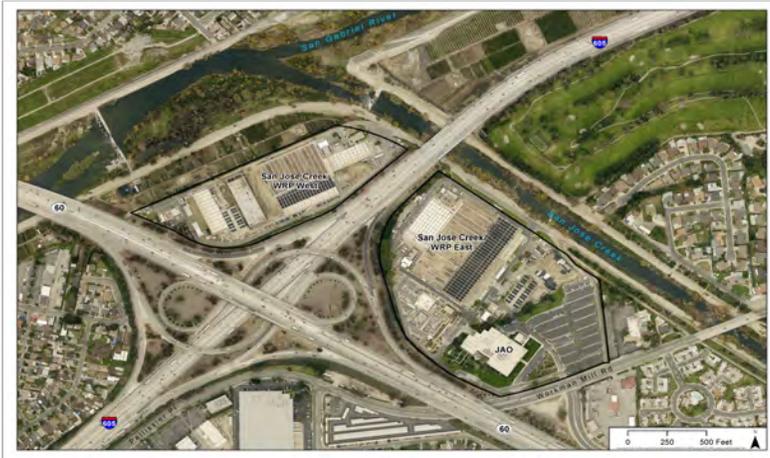
**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$150,000       | \$250,000 | \$0     | \$0     | \$0     | \$0                | \$400,000            |

\* Through June 30, 2024

# San Jose Creek East WRP Replacement of Primary Sedimentation Tank Covers

JO-G-9240



**Facility:** San Jose Creek-East Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$3,000,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 01/01/2018  
**Project End Date:** 12/31/2024  
**Finishing Project in FY24/25**

## Description

Improvements to primary treatment facilities

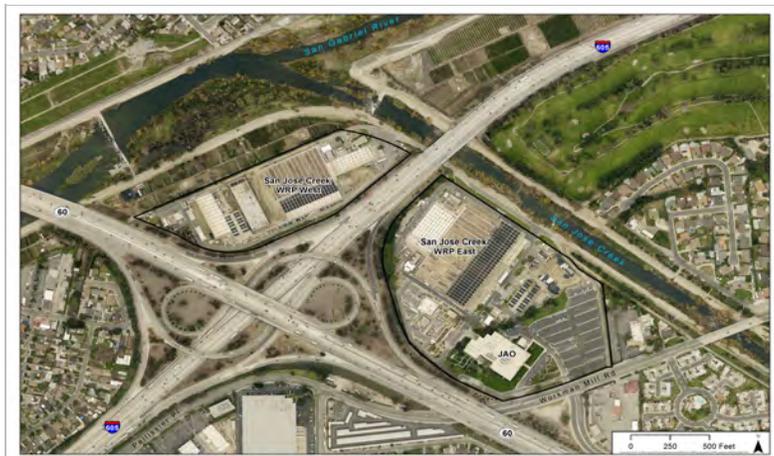
## Justification

Severe H2S corrosion of several of the existing aluminum odor control covers at the Primary Sedimentation Tanks has occurred, especially in Launder area. The covers have been determined unsafe to walk on due to the severe corrosion. These covers need to be replaced as soon as possible. The WRP Engineering Group has identified new replacement covers manufactured by Hallsten Corporation that have provided superior performance at other WRP Locations for similar odor control cover applications. The Hallsten covers will be purchased and installed by either a contractor or the WRP's maintenance staff.

## Budget Projections

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$2,500,000     | \$500,000 | \$0     | \$0     | \$0     | \$0                | \$3,000,000          |

\* Through June 30, 2024



**Facility:** San Jose Creek-East Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$1,000,000

**Construction Contract Cost:**

**Funding Source(s):** 1077 - JO Capital

**Project Start Date:** 07/01/2020

**Project End Date:** 12/31/2024

**Finishing Project in FY24/25**

**Description**

Infrastructure improvements

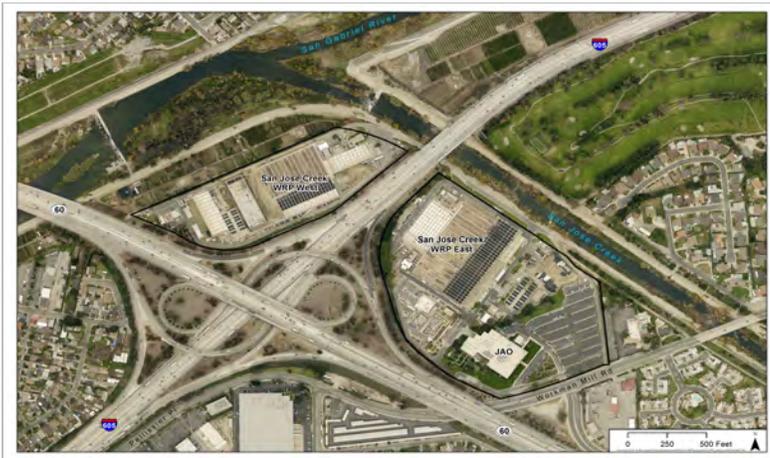
**Justification**

The southern and eastern sides of the WRP have 8-ft tall high-strength mesh modular fencing. The project will improve site security and personnel safety by replacing the existing chain link fencing on the northern and eastern side of the WRP with 8-ft tall high-strength mesh modular fencing.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$637,822       | \$362,178 | \$0     | \$0     | \$0     | \$0                | \$1,000,000          |

\* Through June 30, 2024



**Facility:** San Jose Creek-East Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Laboratories

**Total Project Budget:** \$7,525,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2011  
**Project End Date:** 06/30/2039  
**Continuing Project in FY24/25**

## Description

Improvements to laboratory facilities

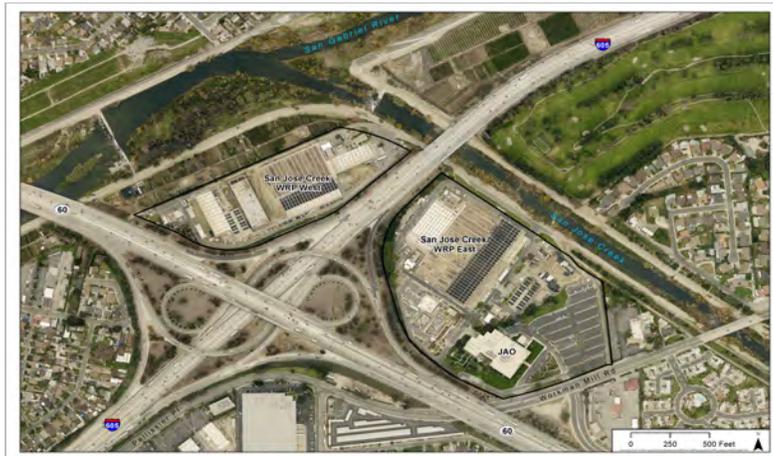
## Justification

This project is for the San Jose Creek Water Quality Laboratory with approximately 95 staff members and eight (8) Treatment Plant Laboratories with approximately 24 staff members to purchase and replace major equipment as needed.

## Budget Projections

| Budget to Date* | 2024-25   | 2025-26   | 2026-27   | 2027-28   | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-----------|-----------|--------------------|----------------------|
| \$2,364,000     | \$854,000 | \$785,000 | \$235,000 | \$125,000 | \$3,162,000        | \$7,525,000          |

\* Through June 30, 2024



**Facility:** San Jose Creek-East Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$500,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2020  
**Project End Date:** 12/31/2026  
**Continuing Project in FY24/25**

**Description**

Capital improvements to water reclamation plant

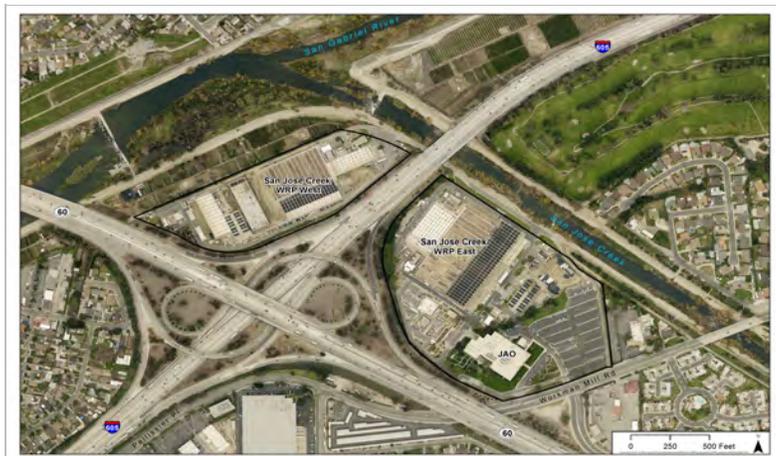
**Justification**

Plant Control System Upgrade Phase I - Programmable Logic Controller Processors Replacement PCU2E1, PCU2E2, PCU3E1, PCU3E2, PCU4E1 and PCU4E2. These processors are obsolete and are no longer being supported. The project involves purchase of new PLCs, E&IESG labor for programming and development of process control descriptions.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27  | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|----------|---------|--------------------|----------------------|
| \$185,000       | \$135,000 | \$120,000 | \$60,000 | \$0     | \$0                | \$500,000            |

\* Through June 30, 2024



**Facility:** San Jose Creek Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Laboratories

**Total Project Budget:** \$320,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2022  
**Project End Date:** 06/30/2025  
**New Project in FY24/25**

**Description**

Improvements to laboratory facilities

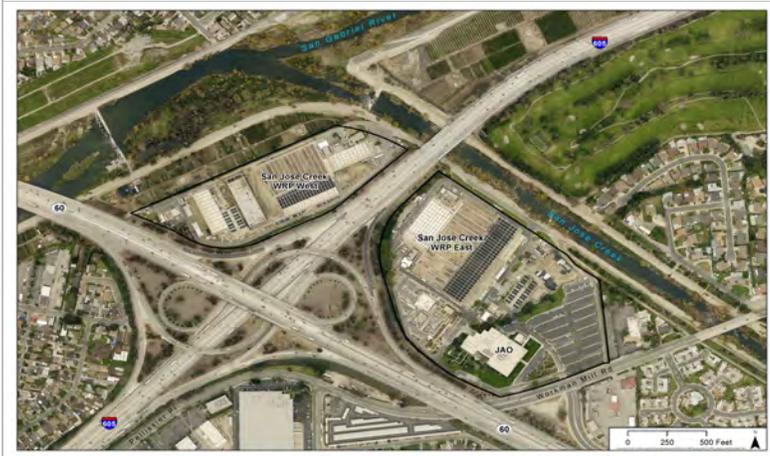
**Justification**

This is for the remodel of the bacteriology area of the SJC Micro group (a separate lab than the Virology lab). It involves a lab upgrade it includes cabinets, floor, walls, etc. that can be used for any purpose.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$0             | \$320,000 | \$0     | \$0     | \$0     | \$0                | \$320,000            |

\* Through June 30, 2024



**Facility:** San Jose Creek Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Laboratories

**Total Project Budget:** \$300,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2024  
**Project End Date:** 06/30/2025  
**New Project in FY24/25**

**Description**

Improvements to laboratory facilities

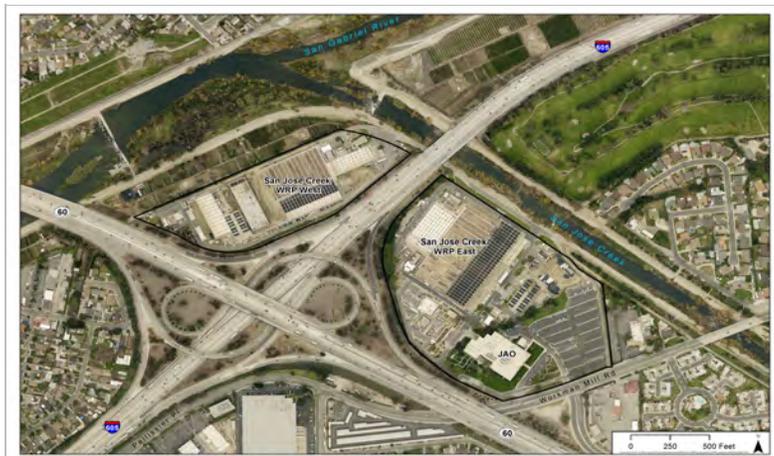
**Justification**

This is for the remodel of the bacteriology area of the SJC Micro group (a separate lab than the Virology lab). Basically, just a lab upgrade; cabinets, floor, walls, etc. that can be used for any purpose.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$0             | \$300,000 | \$0     | \$0     | \$0     | \$0                | \$300,000            |

\* Through June 30, 2024



**Facility:** San Jose Creek-West Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Civil and Mechanical Design

**Total Project Budget:** \$50,000,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2024  
**Project End Date:** 06/30/2031  
**New Project in FY24/25**

**Description**

Improvements to secondary treatment facilities

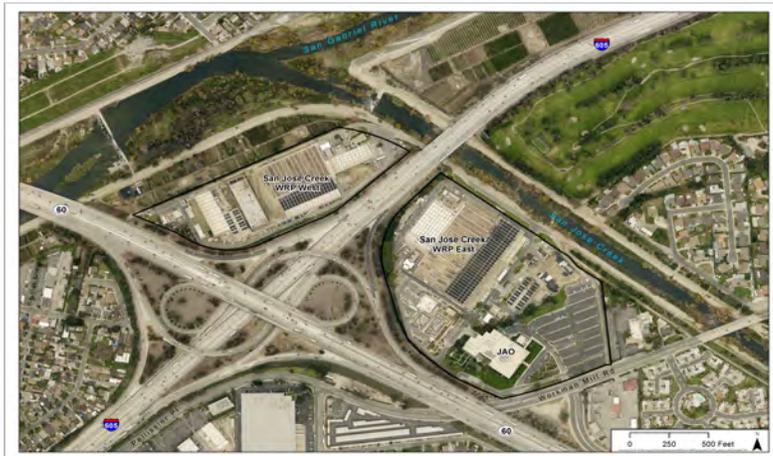
**Justification**

Project will upgrade the secondary treatment aeration system at SJCWRP East and West, including Mixed Liquor Return (MLR), SRT control system, diffuser replacement, and potentially hydrocyclones to improve efficiency and restore treatment capacity. Preliminary capital cost is per analysis and report by Carollo (DOC 6735855).

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27     | 2027-28      | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|-------------|--------------|--------------------|----------------------|
| \$0             | \$500,000 | \$1,500,000 | \$1,500,000 | \$14,000,000 | \$32,500,000       | \$50,000,000         |

\* Through June 30, 2024



**Facility:** San Jose Creek Water Reclamation Plant

**Status:** Design Development

**District:** Joint Outfall

**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601

**Responsible Section:** Electrical Design

**Total Project Budget:** \$6,220,000

**Construction Contract Cost:**

**Funding Source(s):** 1077 - JO Capital

**Project Start Date:** 02/01/2024

**Project End Date:** 04/30/2026

**Continuing Project in FY24/25**

### Description

Electrical and instrumentation infrastructure improvements

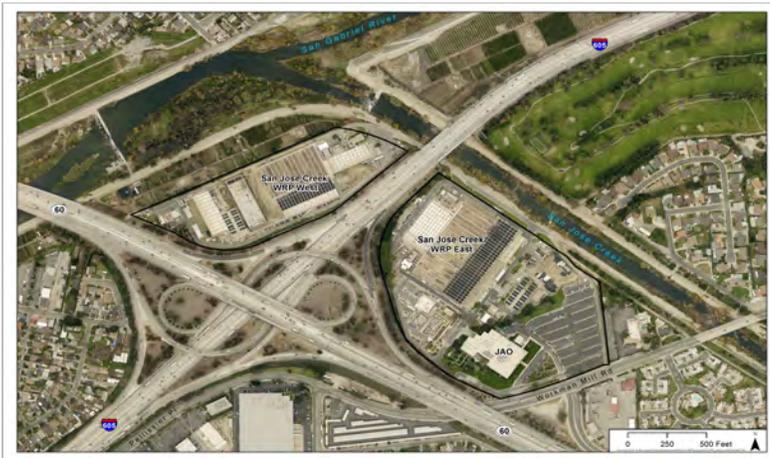
### Justification

The existing CAT-ISO control system for the generator switchgear includes a number of obsolete components that need to be replaced. In addition, the existing control system is a proprietary system based on Modicon control system which is not the Districts' standard. The Upgrades will replace the control system with an Allen-Bradley PLC based control system. The standardized platform will increase the ability of Districts' staff to maintain and upgrade the control hardware and troubleshoot operational issues since they are already trained on this system.

### Budget Projections

| Budget to Date* | 2024-25     | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|---------|---------|--------------------|----------------------|
| \$281,000       | \$2,551,000 | \$3,388,000 | \$0     | \$0     | \$0                | \$6,220,000          |

\* Through June 30, 2024



|                                      |   |
|--------------------------------------|---|
| <b>Facility:</b>                     | San Jose Creek-West Water Reclamation Plant           |
| <b>Status:</b>                       | Construction  |
| <b>District:</b>                     | Joint Outfall   |
| <b>Project Location:</b>             | 1965 S. Workman Mill Road, Whittier, California 90601 |
| <b>Responsible Section:</b>          | Construction Management                               |
| <b>Total Project Budget:</b>         | \$26,000,000  |
| <b>Construction Contract Cost:</b>   | \$21,355,500  |
| <b>Funding Source(s):</b>            | 1077 - JO Capital                                     |
| <b>Project Start Date:</b>           | 12/31/2019  |
| <b>Project End Date:</b>             | 12/31/2026  |
| <b>Continuing Project in FY24/25</b> |   |

## Description

Improvements to primary treatment facilities

## Justification

This project will expand the primary sedimentation facilities at San Jose Creek Water Reclamation Plant (SJCWRP) West to increase the wet weather treatment capacity, ensure wet weather influent pumping redundancy for the combined SJCWRP Influent Pumping System (East and West), and to further support the expansion of recycled water production at SJCWRP. The project will increase the storm flow treatment capacity from 90 to 144 MGD at SJCWRP West to help prevent sanitary sewer overflows for the downstream wastewater collection system. The project will include the construction of two(2) new tanks, associated flight and primary skimmings drives, odor control covers and other ancillary equipment.

This project will be constructed in-lieu of building a new Influent Pump Station at San Jose Creek East WRP, which was evaluated by WW&SW Design (DMS-4152176).

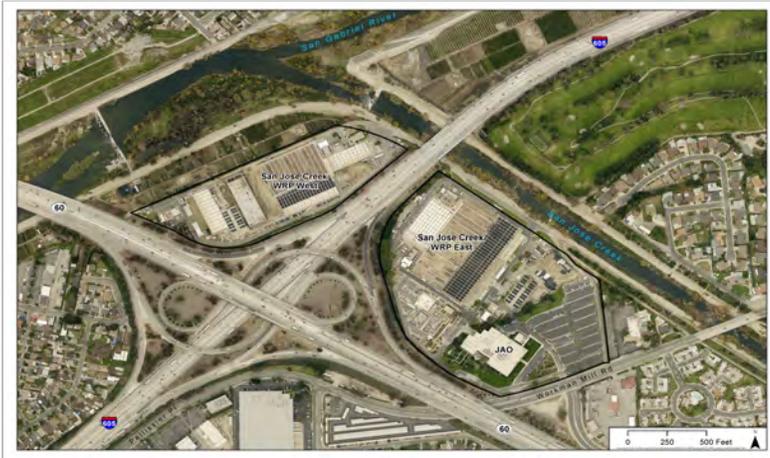
## Budget Projections

| Budget to Date* | 2024-25     | 2025-26      | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|--------------|-------------|---------|--------------------|----------------------|
| \$2,850,000     | \$6,000,000 | \$11,400,000 | \$5,750,000 | \$0     | \$0                | \$26,000,000         |

\* Through June 30, 2024

# San Jose Creek WRP Stage III Process Air Compressor Replacement and Aeration Process Upgrades

JO-G-1356



|                                      |   |
|--------------------------------------|---|
| <b>Facility:</b>                     | San Jose Creek-West Water Reclamation Plant           |
| <b>Status:</b>                       | Design Development                                    |
| <b>District:</b>                     | Joint Outfall   |
| <b>Project Location:</b>             | 1965 S. Workman Mill Road, Whittier, California 90601 |
| <b>Responsible Section:</b>          | Water Reclamation Plants                              |
| <b>Total Project Budget:</b>         | \$20,000,000  |
| <b>Construction Contract Cost:</b>   |   |
| <b>Funding Source(s):</b>            | 1077 - JO Capital                                     |
| <b>Project Start Date:</b>           | 07/01/2023  |
| <b>Project End Date:</b>             | 12/31/2029  |
| <b>Continuing Project in FY24/25</b> |   |

## Description

Improvements to secondary treatment facilities

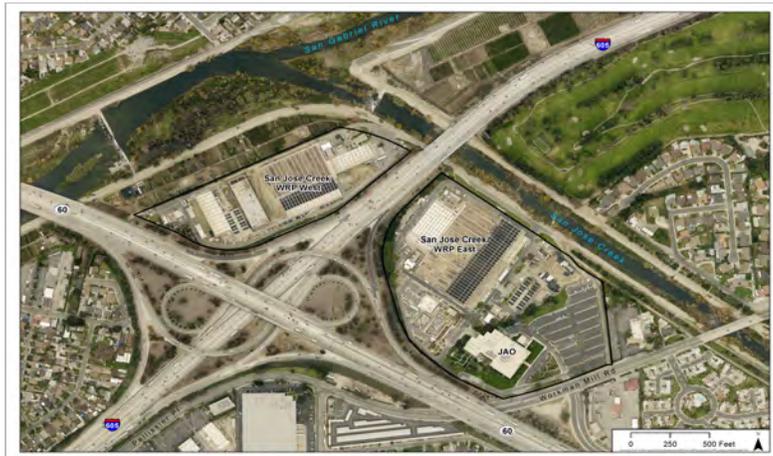
## Justification

The existing PAC's are operating inefficiently for an extended period when the plant flow is lower than the PAC's optimum design flow. Installation of a smaller PAC will result in substantial energy saving as it will be used during low flow periods.

## Budget Projections

| Budget to Date* | 2024-25   | 2025-26     | 2026-27     | 2027-28     | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|-------------|-------------|--------------------|----------------------|
| \$60,000        | \$500,000 | \$5,000,000 | \$5,000,000 | \$5,000,000 | \$4,440,000        | \$20,000,000         |

\* Through June 30, 2024



**Facility:** San Jose Creek-East Water Reclamation Plant  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Civil and Mechanical Design

**Total Project Budget:** \$49,100,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2020  
**Project End Date:** 06/30/2029  
**Continuing Project in FY24/25**

## Description

Improvements to primary treatment facilities

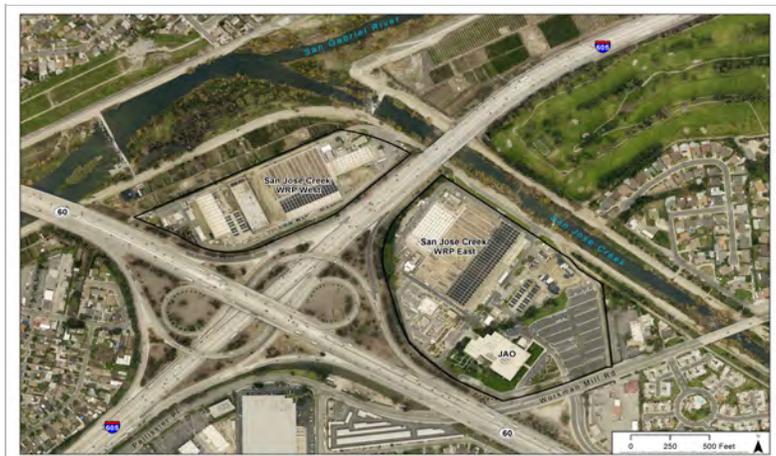
## Justification

The existing protective lining in the influent wet well, primary sedimentation tanks, and Channel Nos. 1, 2, and 3 is starting to delaminate which will expose concrete surfaces to the effects of hydrogen sulfide corrosion. This project will remove the existing liner, repair concrete surfaces, and install new liner system. The project will also include biotrickling filters for treatment of foul air from the northern headspaces of primary treatment, and rehabilitation or replacement of the diversion structure upstream of the plant wetwell. Liner work will be performed in the dry season.

## Budget Projections

| Budget to Date* | 2024-25   | 2025-26      | 2026-27      | 2027-28      | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|--------------|--------------|--------------|--------------------|----------------------|
| \$840,000       | \$500,000 | \$14,300,000 | \$14,300,000 | \$14,300,000 | \$4,860,000        | \$49,100,000         |

\* Through June 30, 2024



**Facility:** San Jose Creek-West Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$750,000

**Construction Contract Cost:**

**Funding Source(s):** 1077 - JO Capital

**Project Start Date:** 01/01/2023

**Project End Date:** 12/31/2025

**Continuing Project in FY24/25**

**Description**

Improvements to secondary treatment facilities

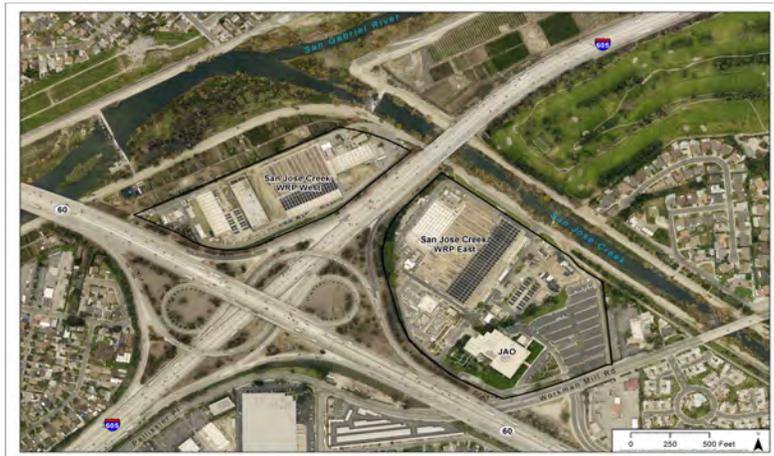
**Justification**

Although the replacement of Mannich polymer with Co-polymer for secondary clarification has eliminated NDMA exceedances, the co-Polymer is expensive and operators have reported that it tends to blind filters (requiring daily backwash cycles) and is not as effective as Mannich or emulsion. The project will replace original Mannich station with a new emulsion polymer station.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26  | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|----------|---------|---------|--------------------|----------------------|
| \$37,924        | \$632,076 | \$80,000 | \$0     | \$0     | \$0                | \$750,000            |

\* Through June 30, 2024



**Facility:** San Jose Creek-West Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$2,900,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2011  
**Project End Date:** 06/30/2031  
**Continuing Project in FY24/25**

**Description**

Infrastructure improvements

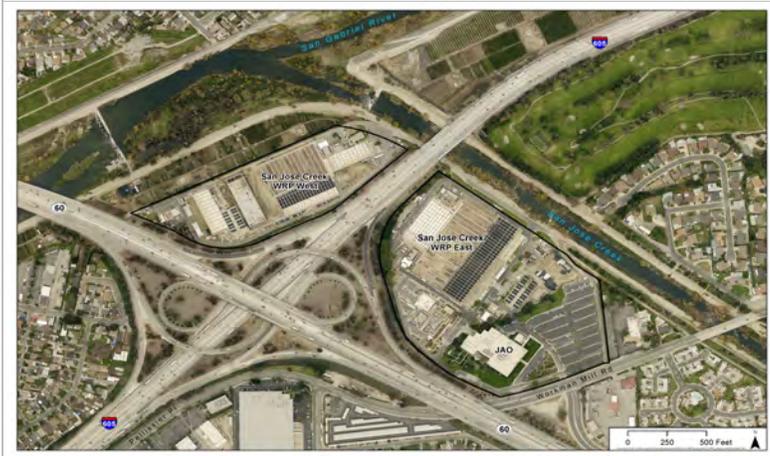
**Justification**

The San Jose Creek West WRP has a local capital budget (ERP Project No. 1000086/ WAM Project No. 1500000008) for small-scale projects to replace, refurbish and/or upgrade assets that have reached the end of their useful life. These miscellaneous local capital projects are less than \$50,000 in budget and are implemented by Districts' Maintenance and/or Electrical Instrumentation personnel or contract services.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27   | 2027-28   | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-----------|-----------|--------------------|----------------------|
| \$1,650,000     | \$200,000 | \$200,000 | \$200,000 | \$200,000 | \$450,000          | \$2,900,000          |

\* Through June 30, 2024



**Facility:** San Jose Creek-West Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$325,000

**Construction Contract Cost:**

**Funding Source(s):** 1077 - JO Capital

**Project Start Date:** 07/01/2022

**Project End Date:** 12/31/2024

**Finishing Project in FY24/25**

**Description**

Capital improvements to water reclamation plant

**Justification**

Asphalt pavement is cracked and in need of repair. Project on hold pending ongoing design work at SJC West.

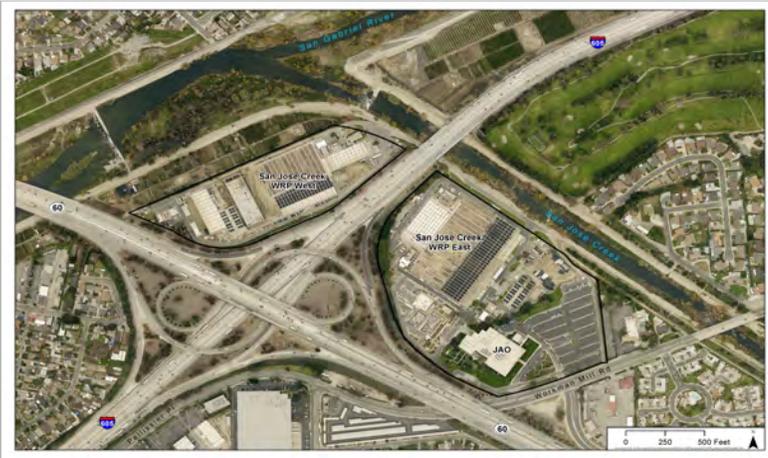
**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$10,000        | \$315,000 | \$0     | \$0     | \$0     | \$0                | \$325,000            |

\* Through June 30, 2024

# San Jose Creek West WRP Replacement of Aeration Tank Baffles and Foam Spray System

JO-G-9526



**Facility:** San Jose Creek-West Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$400,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 01/01/2023  
**Project End Date:** 12/31/2024  
**Finishing Project in FY24/25**

## Description

Improvements to secondary treatment facilities

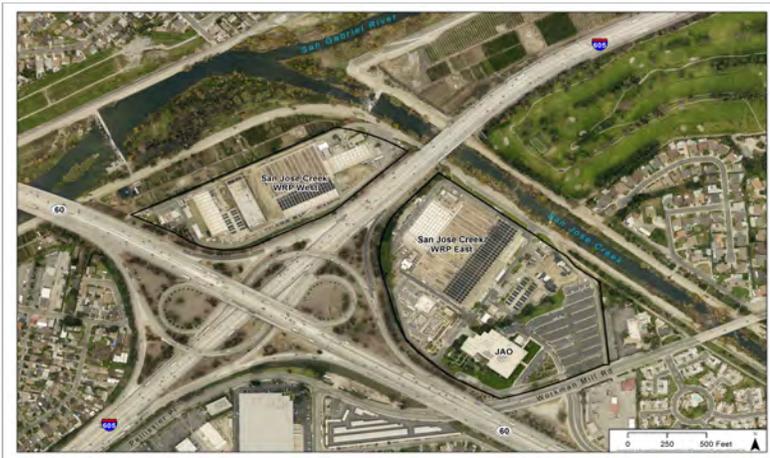
## Justification

Existing baffles in aeration tanks are wood and are in need of replacement. New baffles will be FRP and will utilize existing structural framing.

## Budget Projections

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$15,000        | \$385,000 | \$0     | \$0     | \$0     | \$0                | \$400,000            |

\* Through June 30, 2024



**Facility:** San Jose Creek-West Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$670,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2014  
**Project End Date:** 12/31/2026  
**Continuing Project in FY24/25**

**Description**

Electrical and instrumentation infrastructure improvements

**Justification**

Plant Control System Upgrade Phase I - Programmable Logic Controller Processors Replacement PCU1SW1, PCU1SW2, PCU3SW1, PCU3SW2, PCU4SW1, PCU4SW2, PCU5SW1 and PCU5SW2. These processors are obsolete and are no longer being supported. The project involves purchase of new PLCs, E&IESG labor for programming and development of process control descriptions.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27  | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|----------|---------|--------------------|----------------------|
| \$310,000       | \$175,000 | \$135,000 | \$50,000 | \$0     | \$0                | \$670,000            |

\* Through June 30, 2024



|                                      |   |
|--------------------------------------|---|
| <b>Facility:</b>                     | Whittier Narrows Water Reclamation Plant              |
| <b>Status:</b>                       | Design Development                                    |
| <b>District:</b>                     | Joint Outfall   |
| <b>Project Location:</b>             | 301 N. Rosemead Boulevard, El Monte, California 91733 |
| <b>Responsible Section:</b>          | Electrical Design                                     |
| <b>Total Project Budget:</b>         | \$1,870,000   |
| <b>Construction Contract Cost:</b>   |   |
| <b>Funding Source(s):</b>            | 1077 - JO Capital                                     |
| <b>Project Start Date:</b>           | 05/01/2024  |
| <b>Project End Date:</b>             | 05/18/2026  |
| <b>Continuing Project in FY24/25</b> |   |

## Description

Capital improvements to water reclamation plant

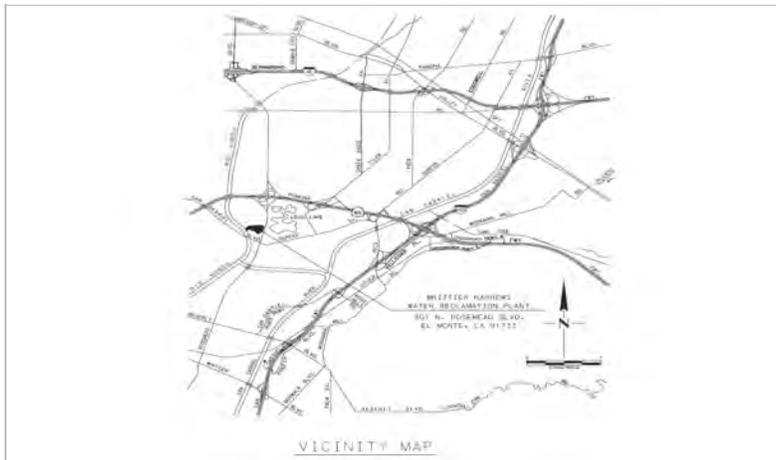
## Justification

The existing CAT-ISO control system for the generator switchgear includes a number of obsolete components that need to be replaced. In addition, the existing control system is a proprietary system based on Modicon control system which is not the Districts' standard. The Upgrades will replace the control system with an Allen-Bradley PLC based control system. The standardized platform will increase the ability of Districts' staff to maintain and upgrade the control hardware and troubleshoot operational issues since they are already trained on this system.

## Budget Projections

| Budget to Date* | 2024-25   | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|---------|---------|--------------------|----------------------|
| \$50,000        | \$732,500 | \$1,087,500 | \$0     | \$0     | \$0                | \$1,870,000          |

\* Through June 30, 2024



**Facility:** Whittier Narrows Water Reclamation Plant  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** 301 N. Rosemead Boulevard, El Monte, California 91733  
**Responsible Section:** Civil and Mechanical Design

**Total Project Budget:** \$47,200,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2021  
**Project End Date:** 06/30/2028  
**Continuing Project in FY24/25**

**Description**

Improvements to primary treatment facilities

**Justification**

This project will construct a new influent pump station to correct a number of deficiencies with the design, age, and condition of the existing influent pump station as detailed in DOC 6074412. The new pump station will also address the issues and requested functionality of the original JO B - Unit 2A diversion gate project. The project description will be updated after completion of the preliminary design report.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26      | 2026-27      | 2027-28     | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|--------------|--------------|-------------|--------------------|----------------------|
| \$2,100,000     | \$1,300,000 | \$21,000,000 | \$19,800,000 | \$3,000,000 | \$0                | \$47,200,000         |

\* Through June 30, 2024



**Facility:** Whittier Narrows Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 301 N. Rosemead Boulevard, El Monte, California 91733  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$1,000,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 01/01/2023  
**Project End Date:** 12/31/2024  
**Finishing Project in FY24/25**

## Description

Process infrastructure improvements

## Justification

The WN WRP was originally designed as a bypass facility since the JO-B sewer can handle all of the sewage. The proposed project will increase redundancy and resiliency of the influent and filter effluent pumping systems and thereby maximize availability of recycled water. Improvements include the purchase of a spare influent pump that can be installed if one of the influent pumps fail and the purchase and installation an additional filter effluent pump with VFC.

## Budget Projections

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$500,754       | \$499,246 | \$0     | \$0     | \$0     | \$0                | \$1,000,000          |

\* Through June 30, 2024



**Facility:** Whittier Narrows Water Reclamation Plant  
**Status:** Planning  
**District:** Joint Outfall  
**Project Location:** 301 N. Rosemead Boulevard, El Monte, California 91733  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$2,000,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 07/01/2011  
**Project End Date:** 06/30/2031  
**Continuing Project in FY24/25**

## Description

Infrastructure improvements

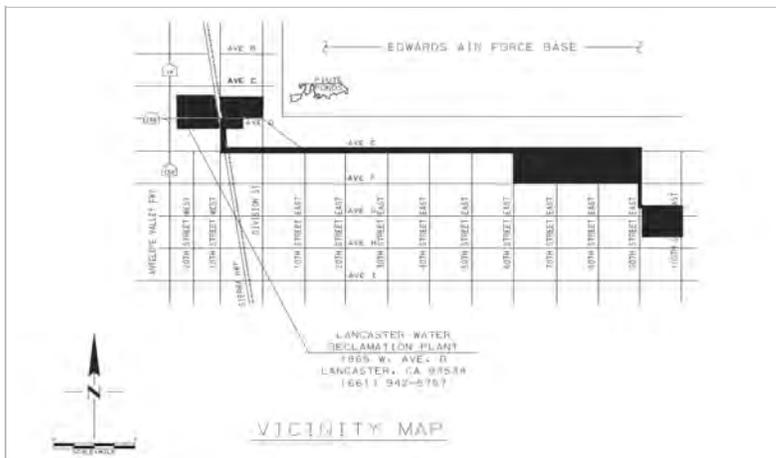
## Justification

The Whittier Narrows WRP has a local capital budget (ERP Project No. 1000083/ WAM Project No. 1500000009) for small-scale projects to replace, refurbish and/or upgrade assets that have reached the end of their useful life. These miscellaneous local capital projects are less than \$50,000 in budget and are implemented by Districts' Maintenance and/or Electrical Instrumentation personnel or contract services.

## Budget Projections

| Budget to Date* | 2024-25   | 2025-26  | 2026-27  | 2027-28  | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|----------|----------|----------|--------------------|----------------------|
| \$1,400,000     | \$350,000 | \$50,000 | \$50,000 | \$50,000 | \$100,000          | \$2,000,000          |

\* Through June 30, 2024



**Facility:** Lancaster Water Reclamation Plant  
**Status:** Planning  
**District:** 14  
**Project Location:** 1865 W. Avenue D, Lancaster, California 93534  
**Responsible Section:** Civil and Mechanical Design

**Total Project Budget:** \$600,000

**Construction Contract Cost:**

**Funding Source(s):** 1028 - D14 Capital

**Project Start Date:** 07/01/2024

**Project End Date:** 06/30/2026

**New Project in FY24/25**

**Description**

Process infrastructure improvements

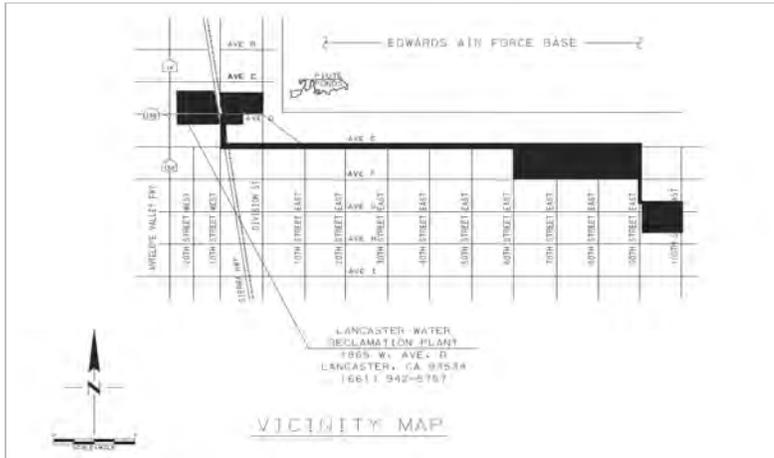
**Justification**

For the relocation of the Dechlorination Facilities from east of Sierra Highway to the main plant property west of Sierra Highway. By moving the facilities it is expected to improve chemical control and thereby reduce chemical dosing (save costs). Reliability will also improve to maintain permit compliance when discharging to Piute Ponds.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|---------|---------|--------------------|----------------------|
| \$0             | \$100,000 | \$500,000 | \$0     | \$0     | \$0                | \$600,000            |

\* Through June 30, 2024



**Facility:** Lancaster Water Reclamation Plant  
**Status:** Planning  
**District:** 14  
**Project Location:** 1865 W. Avenue D, Lancaster, California 93534  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$1,500,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1028 - D14 Capital  
**Project Start Date:** 01/01/2023  
**Project End Date:** 12/31/2024  
**Finishing Project in FY24/25**

**Description**

Improvements to solids processing facilities

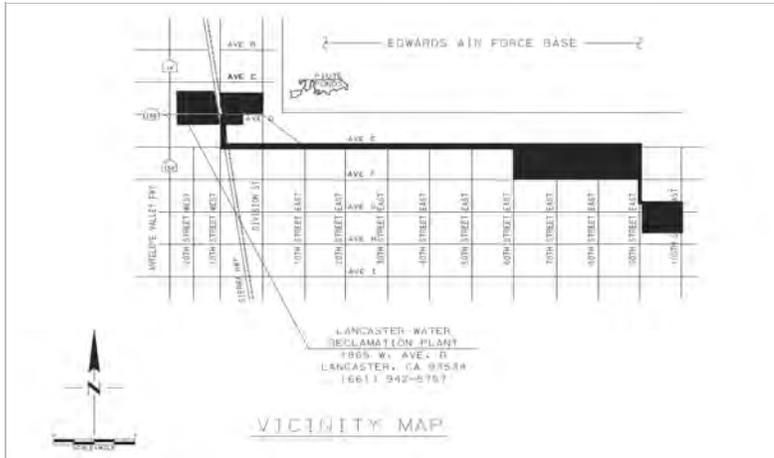
**Justification**

Project was originally envisioned to replace existing centrifuges, which are nearing their end of useful life, with new centrifuges. After successful pilot testing of volute press equipment, one volute press was procured and is currently being installed at Lancaster and startup is anticipated for early 2022. Assuming that the volute press performs as expected from the pilot testing, this project will cover the cost for purchase and installation of additional volute press equipment to replace the existing centrifuges at Lancaster.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$1,135,000     | \$365,000 | \$0     | \$0     | \$0     | \$0                | \$1,500,000          |

\* Through June 30, 2024



**Facility:** Lancaster Water Reclamation Plant  
**Status:** Planning  
**District:** 14  
**Project Location:** 1865 W. Avenue D, Lancaster, California 93534  
**Responsible Section:** Laboratories

**Total Project Budget:** \$350,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1028 - D14 Capital  
**Project Start Date:** 01/01/2024  
**Project End Date:** 06/30/2026  
**New Project in FY24/25**

**Description**

Improvements to laboratory facilities

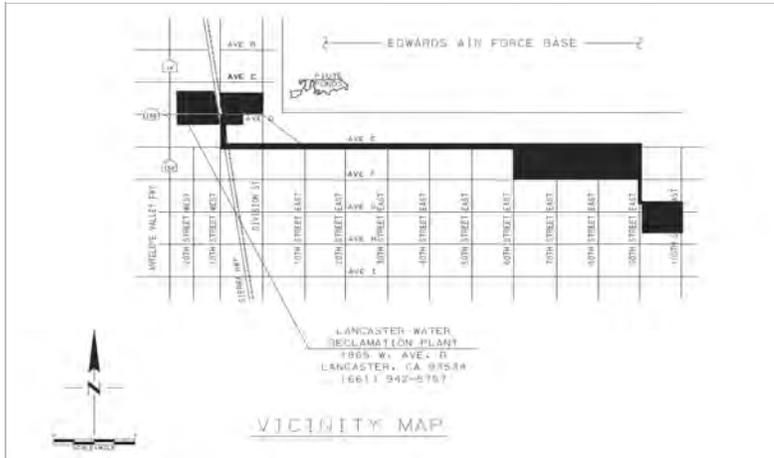
**Justification**

Remodel of the Lancaster TPL. Design will begin May 2024, with a target completion date of May 2026.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$0             | \$350,000 | \$0     | \$0     | \$0     | \$0                | \$350,000            |

\* Through June 30, 2024



**Facility:** Lancaster Water Reclamation Plant  
**Status:** Planning  
**District:** 14  
**Project Location:** 1865 W. Avenue D, Lancaster, California 93534  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$1,200,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1028 - D14 Capital  
**Project Start Date:** 07/01/2022  
**Project End Date:** 12/31/2024  
**Finishing Project in FY24/25**

**Description**

Infrastructure improvements

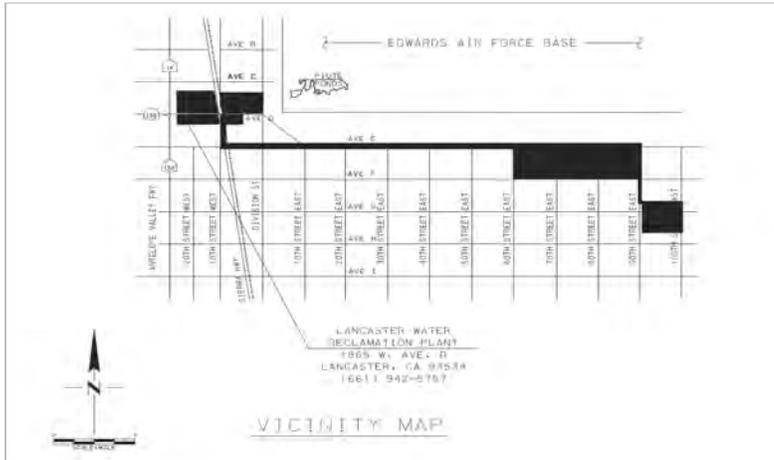
**Justification**

Maintenance facilities are needed to support operation and maintenance of the Stage Five treatment facilities. The existing maintenance garage is too small to adequately support maintenance activities required for the recently completed Stage Five expansion. Maintenance facilities will consist of a pre-engineered building erected on a concrete slab on grade, new electrical infrastructure. The building will be located so that additional bays may be added at minimal cost, if an expansion of the building is needed in the future.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$50,000        | \$1,150,000 | \$0     | \$0     | \$0     | \$0                | \$1,200,000          |

\* Through June 30, 2024



**Facility:** Lancaster Water Reclamation Plant  
**Status:** Planning  
**District:** 14  
**Project Location:** 1865 W. Avenue D, Lancaster, California 93534  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$2,640,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1028 - D14 Capital  
**Project Start Date:** 07/01/2012  
**Project End Date:** 12/31/2032  
**Continuing Project in FY24/25**

**Description**

Infrastructure improvements

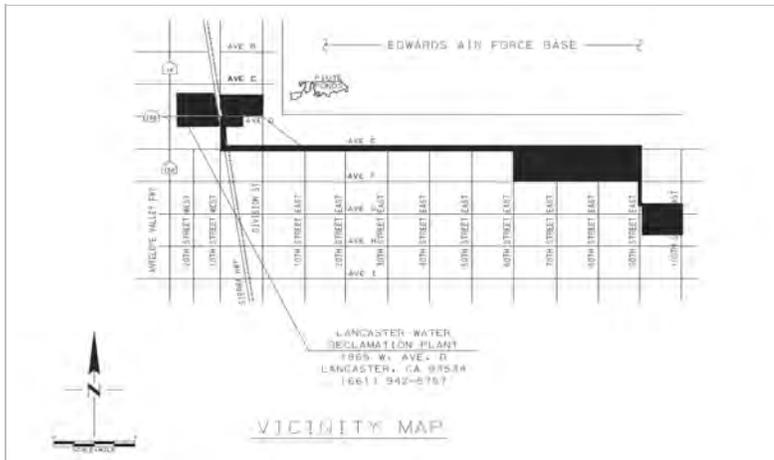
**Justification**

The Lancaster WRP has a local capital budget (ERP Project No. 1000092/ WAM Project No. 1500000004) for small-scale projects to replace, refurbish and/or upgrade assets that have reached the end of their useful life. These miscellaneous local capital projects are less than \$50,000 in budget and are implemented by Districts' Maintenance and/or Electrical Instrumentation personnel or contract services.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27   | 2027-28   | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-----------|-----------|--------------------|----------------------|
| \$1,790,000     | \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$450,000          | \$2,640,000          |

\* Through June 30, 2024



**Facility:** Lancaster Water Reclamation Plant  
**Status:** Construction  
**District:** 14  
**Project Location:** 1865 W. Avenue D, Lancaster, California 93534  
**Responsible Section:** Construction Management

**Total Project Budget:** \$8,600,000  
**Construction Contract Cost:** \$6,172,029  
**Funding Source(s):** 1028 - D14 Capital  
**Project Start Date:** 07/01/2020  
**Project End Date:** 06/30/2025  
**Finishing Project in FY24/25**

**Description**

Electrical and instrumentation infrastructure improvements

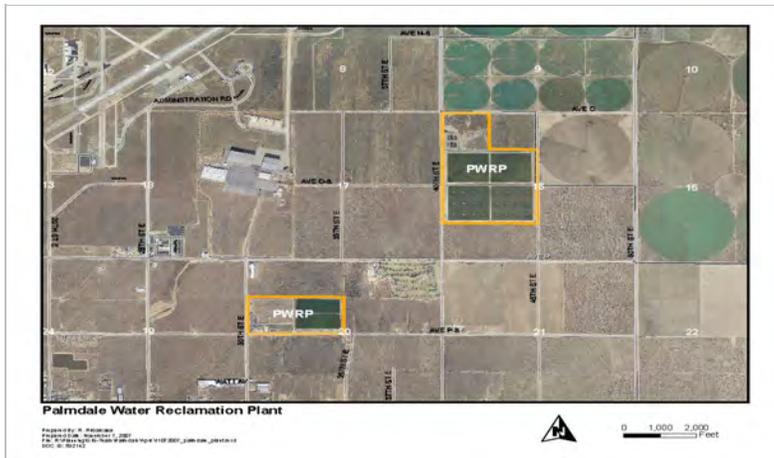
**Justification**

District 14 Project

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$5,963,000     | \$2,637,000 | \$0     | \$0     | \$0     | \$0                | \$8,600,000          |

\* Through June 30, 2024



**Facility:** Palmdale Water Reclamation Plant  
**Status:** Planning  
**District:** 20  
**Project Location:** 39300 30th Street East, Palmdale, California 93550  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$2,000,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1002 - D20 Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 12/31/2026  
**Finishing Project in FY24/25**

**Description**

Improvements to solids processing facilities

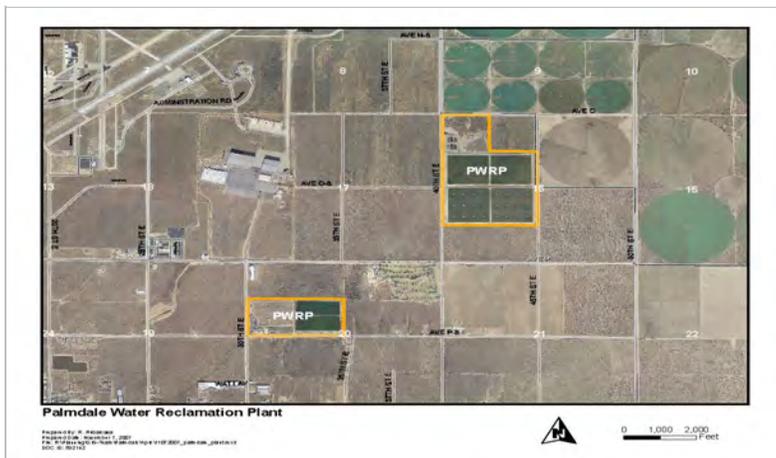
**Justification**

Pending successful operation of Volute Press equipment at Lancaster, install Volute Presses at Palmdale to replace the existing centrifuges, which are becoming difficult to maintain and obsolete.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$1,800,000     | \$200,000 | \$0     | \$0     | \$0     | \$0                | \$2,000,000          |

\* Through June 30, 2024



**Facility:** Palmdale Water Reclamation Plant  
**Status:** Construction  
**District:** 20  
**Project Location:** 39300 30th Street East, Palmdale, California 93550  
**Responsible Section:** Construction Management

**Total Project Budget:** \$4,100,000

**Construction Contract Cost:** \$2,717,000

**Funding Source(s):** 1002 - D20 Capital

**Project Start Date:** 07/01/2021

**Project End Date:** 06/30/2025

**Finishing Project in FY24/25**

**Description**

Improvements to reservoir site facilities

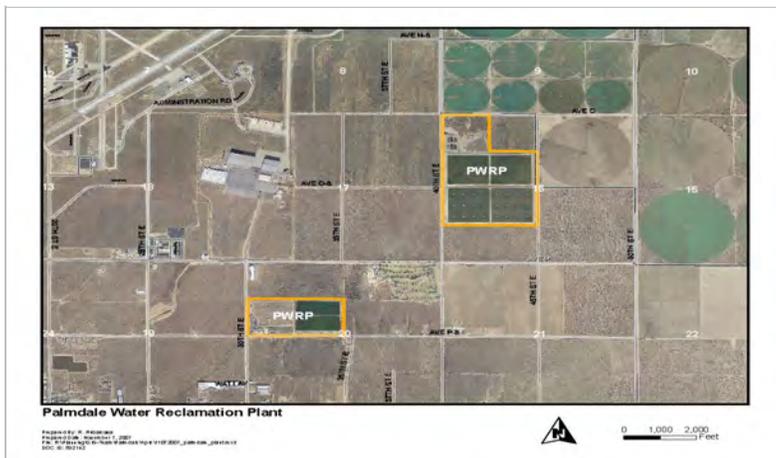
**Justification**

This project is to modify the existing Effluent Management System (EMS) to maintain pressure in the EMS transmission pipeline, provide emergency power for the existing reservoir inlet and outlet valves, and add new light poles and security cameras for the existing reservoirs. The SOW was originally included in the Palmdale WRP Storage Reservoir No. 3 project (ERP Project #1000904). Due to the uncertainty of the new half reservoir, modifications of the existing EMS is being split into its own separate project.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$1,678,000     | \$2,422,000 | \$0     | \$0     | \$0     | \$0                | \$4,100,000          |

\* Through June 30, 2024



**Facility:** Palmdale Water Reclamation Plant  
**Status:** Post Construction  
**District:** 20  
**Project Location:**  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$300,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1002 - D20 Capital  
**Project Start Date:** 07/01/2024  
**Project End Date:** 06/30/2026  
**New Project in FY24/25**

**Description**

Improvements to secondary treatment facilities

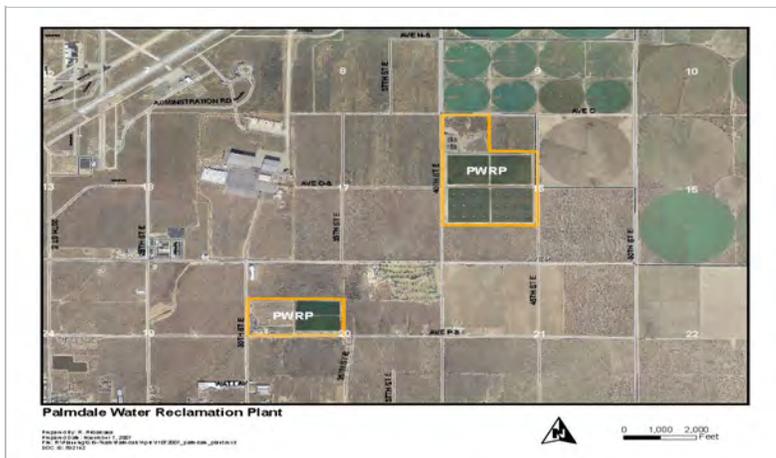
**Justification**

There is an existing 12" line that allows the filter feed pumps to discharge to former Oxidation Pond 2 in the event of an emergency. The 12" line does not have enough capacity to handle plant flow, so it must be increased to 36" to allow for sufficient flow to prevent the secondary effluent equalization basin from overflowing and causing sewage overflows within the plant. Costs are based on Sewer Design estimated costs of \$35 per inch/ft of sewer for construction of 200 feet of 36" piping plus a 20% contingency factor.

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26   | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|-----------|---------|---------|--------------------|----------------------|
| \$0             | \$50,000 | \$250,000 | \$0     | \$0     | \$0                | \$300,000            |

\* Through June 30, 2024



**Facility:** Palmdale Water Reclamation Plant  
**Status:** Planning  
**District:** 20  
**Project Location:** 39300 30th Street East, Palmdale, California 93550  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$600,000

**Construction Contract Cost:**

**Funding Source(s):** 1002 - D20 Capital

**Project Start Date:** 03/01/2024

**Project End Date:** 06/30/2026

**Continuing Project in FY24/25**

**Description**

Improvements to secondary treatment facilities

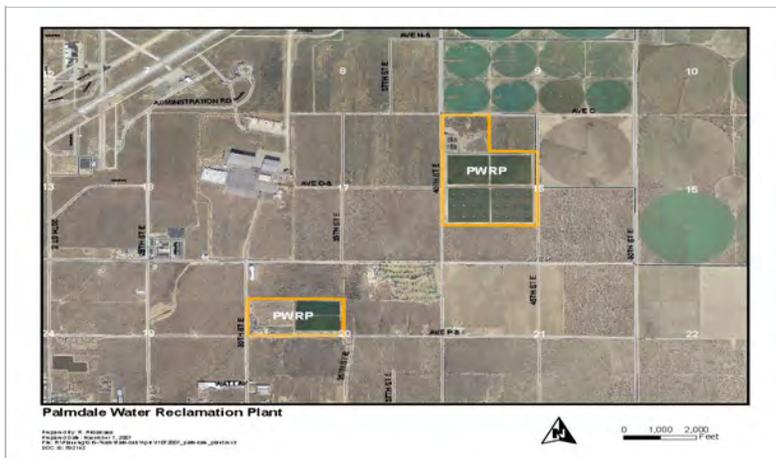
**Justification**

Currently the Palmdale WRP cannot bypass secondary effluent flow around the tertiary filters to the chlorine contact tanks. This is problematic due to the fact that the cloth tertiary filters at Palmdale have shown a propensity to blind and not recover well from high flow and turbidity events. A separate project will address this issue. However, until that project is completed, an emergency pump is needed at the Palmdale WRP to allow flow to be pumped from the secondary effluent equalization basin either to the chlorine contact tanks or to one of the out of service oxidation ponds, in order to prevent raw or partially treated sewage overflows at the plant. In addition, a bridge would be needed to be constructed to allow piping to cross a drainage channel and provide access to the old oxidation pond. This project would include the purchase of the emergency discharge pump and associated piping/fittings, installation of discharge piping, and construction of the bridge.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26  | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|----------|---------|---------|--------------------|----------------------|
| \$100,000       | \$450,000 | \$50,000 | \$0     | \$0     | \$0                | \$600,000            |

\* Through June 30, 2024



**Facility:** Palmdale Water Reclamation Plant  
**Status:** Planning  
**District:** 20  
**Project Location:** 39300 30th Street East, Palmdale, California 93550  
**Responsible Section:** Reuse & Compliance

**Total Project Budget:** \$1,910,000

**Construction Contract Cost:**

**Funding Source(s):** 1002 - D20 Capital

**Project Start Date:** 07/01/2011

**Project End Date:** 06/30/2031

**Continuing Project in FY24/25**

**Description**

Improvement to maintain compliance with regulatory order

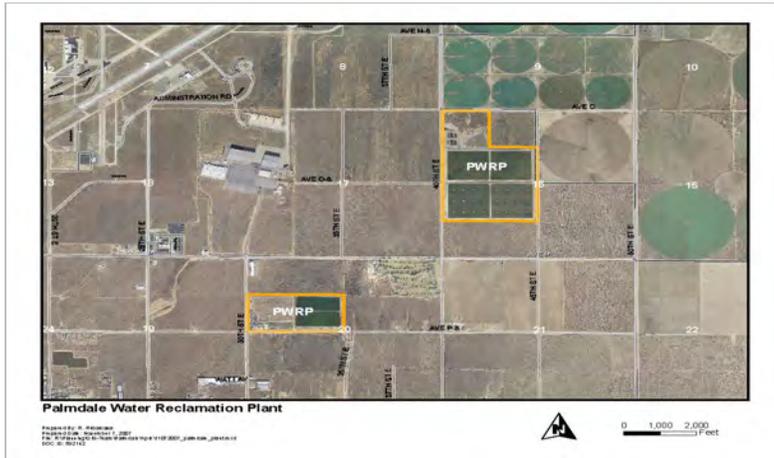
**Justification**

Project is required to continue well monitoring and to maintain compliance with the Regional Board Cleanup and Abatement Order. As the water table in the vicinity of the Palmdale Agricultural Site continues to drop due to over pumping, monitoring wells will need to be replaced to ensure that the Districts are meeting regulatory requirements. Depending on the cleanup standard issued by the Regional Board (interim standard is anticipated in the near future; final standard is uncertain), a significant budget increase may be necessary to implement certain remediation methods.

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26  | 2026-27  | 2027-28  | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|----------|----------|----------|--------------------|----------------------|
| \$1,280,000     | \$90,000 | \$90,000 | \$90,000 | \$90,000 | \$270,000          | \$1,910,000          |

\* Through June 30, 2024



**Facility:** Palmdale Water Reclamation Plant  
**Status:** Planning  
**District:** 20  
**Project Location:** 39300 30th Street East, Palmdale, California 93550  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$150,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1002 - D20 Capital  
**Project Start Date:** 07/01/2024  
**Project End Date:** 12/31/2025  
**New Project in FY24/25**

**Description**

Improvements to reservoir site facilities

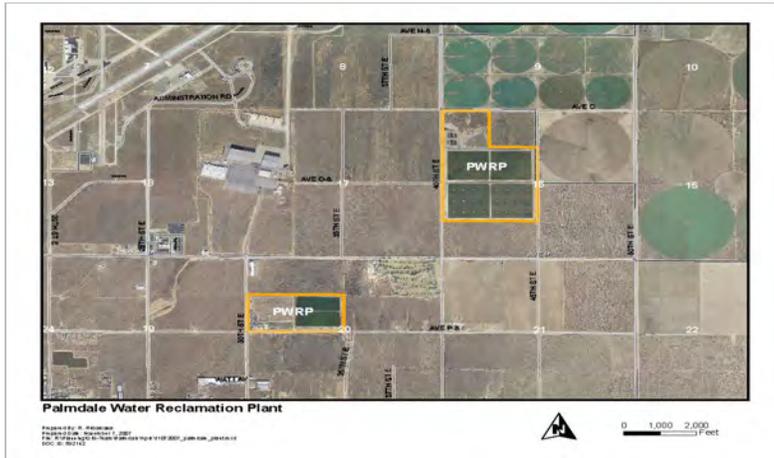
**Justification**

Reservoir No. 2 requires two repairs 1) repair sub grade in section of liner 2) vent lines to be added to prevent liner uplifting.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26  | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|----------|---------|---------|--------------------|----------------------|
| \$0             | \$100,000 | \$50,000 | \$0     | \$0     | \$0                | \$150,000            |

\* Through June 30, 2024



**Facility:** Palmdale Water Reclamation Plant  
**Status:** Planning  
**District:** 20  
**Project Location:** 39300 30th Street East, Palmdale, California 93550  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$2,005,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1002 - D20 Capital  
**Project Start Date:** 07/01/2012  
**Project End Date:** 06/30/2031  
**Continuing Project in FY24/25**

**Description**

Infrastructure improvements

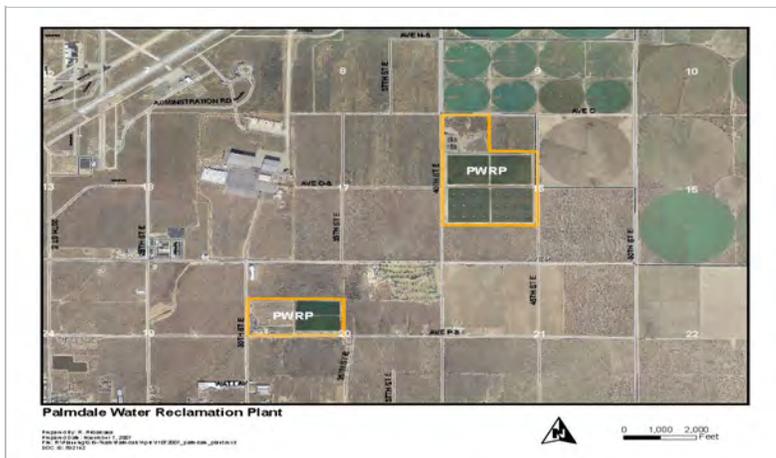
**Justification**

The Palmdale WRP has a local capital budget (ERP Project No. 1000089/ WAM Project No. 1500000003) for small-scale projects to replace, refurbish and/or upgrade assets that have reached the end of their useful life. These miscellaneous local capital projects are less than \$50,000 in budget and are implemented by Districts' Maintenance and/or Electrical Instrumentation personnel or contract services.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27   | 2027-28   | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-----------|-----------|--------------------|----------------------|
| \$1,305,000     | \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$300,000          | \$2,005,000          |

\* Through June 30, 2024



**Facility:** Palmdale Water Reclamation Plant  
**Status:** Planning  
**District:** 20  
**Project Location:** 39300 30th Street East, Palmdale, California 93550  
**Responsible Section:** Reuse & Compliance

**Total Project Budget:** \$3,550,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1002 - D20 Capital  
**Project Start Date:** 07/01/2013  
**Project End Date:** 06/30/2030  
**Continuing Project in FY24/25**

**Description**

Improvements to agricultural site facilities

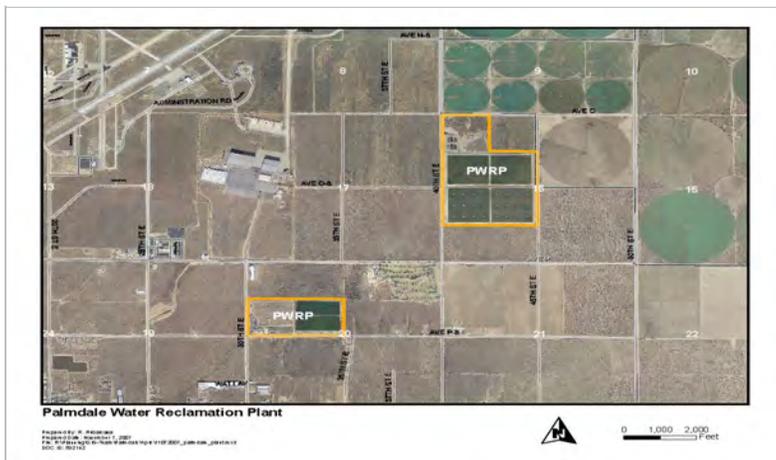
**Justification**

As the water table in the vicinity of the Palmdale Agricultural Site continues to drop due to over pumping in the region, monitoring wells will need to be replaced to ensure that the Districts are meeting regulatory requirements.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28   | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|-----------|--------------------|----------------------|
| \$2,300,000     | \$500,000 | \$0     | \$0     | \$375,000 | \$375,000          | \$3,550,000          |

\* Through June 30, 2024



**Facility:** Palmdale Water Reclamation Plant  
**Status:** Planning  
**District:** 20  
**Project Location:** 39300 30th Street East, Palmdale, California 93550  
**Responsible Section:** Planning

**Total Project Budget:** \$18,467,042  
**Construction Contract Cost:**  
**Funding Source(s):** 1002 - D20 Capital  
**Project Start Date:** 07/01/2020  
**Project End Date:** 06/30/2037  
**Continuing Project in FY24/25**

**Description**

Improvements to reservoir site facilities

**Justification**

As flows increase at Palmdale WRP, the management of winter effluent volumes has become more challenging. During the winter, crop water demand is low and the storage pond volume is fixed. Under future increased flow scenarios with above average winter rain conditions, the existing storage capacity is anticipated to be insufficient. This project will construct an additional half-size reservoir to the south of the two existing reservoirs to increase the total storage capacity of the system. The project also includes improvements to the existing reservoir transmission system to improve operations and reliability.

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|---------|---------|---------|--------------------|----------------------|
| \$965,042       | \$50,000 | \$0     | \$0     | \$0     | \$17,452,000       | \$18,467,042         |

\* Through June 30, 2024



**Facility:** Saugus Water Reclamation Plant  
**Status:** Design Development  
**District:** SCV  
**Project Location:** 26200 Springbrook Avenue, Saugus, California 91350  
**Responsible Section:** Civil and Mechanical Design

**Total Project Budget:** \$3,000,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1069 - SCV Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2030  
**Continuing Project in FY24/25**

**Description**

Improvements to primary treatment facilities

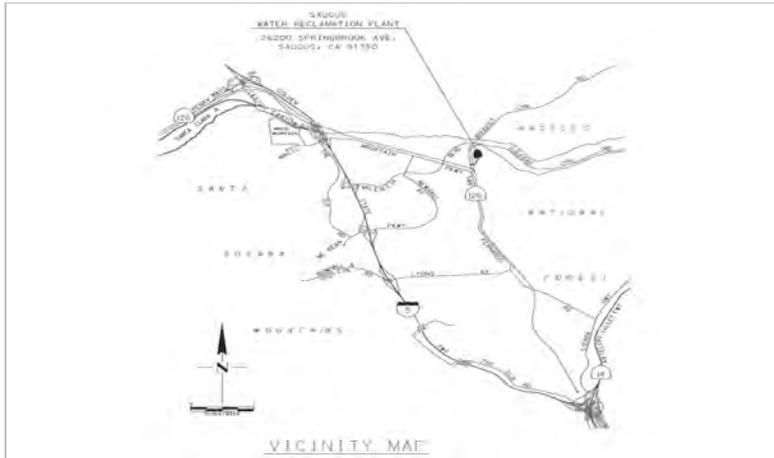
**Justification**

To better facilitate the plant's planned increased overall flow, the existing four (4) influent pumps located inside the influent dry well should be replaced as they were installed in 1992 and are approaching 30 years of age. An additional submersible pump was also added in the Saugus grit chamber because the dry well pumps did not have sufficient capacity for wet weather flows however the location of this pump is not ideal. The existing dry well pumps should be upgraded to 6-8 mgd pumps with VFDs with the option to operate with 2 pumps on duty and 2 pumps on standby.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|---------|---------|--------------------|----------------------|
| \$200,000       | \$300,000 | \$100,000 | \$0     | \$0     | \$2,400,000        | \$3,000,000          |

\* Through June 30, 2024



**Facility:** Saugus Water Reclamation Plant  
**Status:** Planning  
**District:** SCV  
**Project Location:** 26200 Springbrook Avenue, Saugus, California 91350  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$1,020,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1069 - SCV Capital  
**Project Start Date:** 07/01/2011  
**Project End Date:** 06/30/2031  
**Continuing Project in FY24/25**

**Description**

Infrastructure improvements

**Justification**

The Saugus WRP has a local capital budget (ERP Project No. 1000085/ WAM Project No. 1500000002) for small-scale projects to replace, refurbish and/or upgrade assets that have reached the end of their useful life. These miscellaneous local capital projects are less than \$50,000 in budget and are implemented by Districts' Maintenance and/or Electrical Instrumentation personnel or contract services.

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26  | 2026-27  | 2027-28  | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|----------|----------|----------|--------------------|----------------------|
| \$670,000       | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$150,000          | \$1,020,000          |

\* Through June 30, 2024



**Facility:** Saugus Water Reclamation Plant  
**Status:** Construction  
**District:** SCV  
**Project Location:** 26200 Springbrook Avenue, Saugus, California 91350  
**Responsible Section:** Electrical Design

**Total Project Budget:** \$27,200,000  
**Construction Contract Cost:** \$27,122,000  
**Funding Source(s):** 1069 - SCV Capital  
**Project Start Date:** 07/01/2020  
**Project End Date:** 06/30/2028  
**Continuing Project in FY24/25**

**Description**

Electrical and instrumentation infrastructure improvements

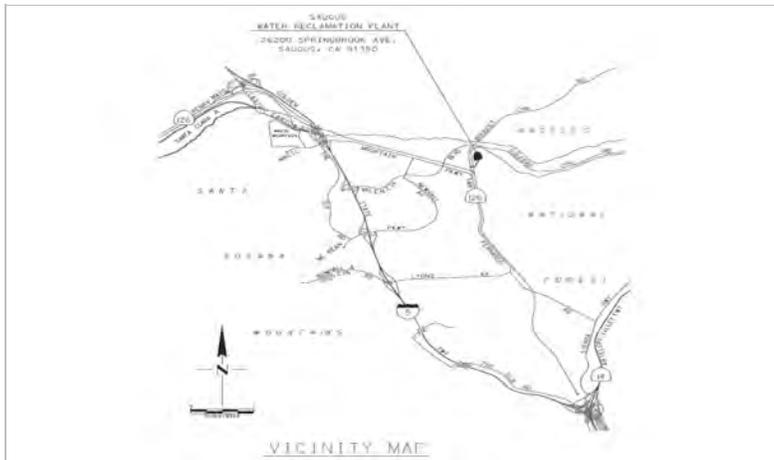
**Justification**

Switchboards are in poor physical condition. Failure of some critical swbds such as inf pumping would likely result in an overflow occurrence within the sewerage system upstream of the plant. A split bus system & new swbds will mitigate risks.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26     | 2026-27      | 2027-28     | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|--------------|-------------|--------------------|----------------------|
| \$5,360,000     | \$2,850,000 | \$3,800,000 | \$12,300,000 | \$2,890,000 | \$0                | \$27,200,000         |

\* Through June 30, 2024



**Facility:** Saugus Water Reclamation Plant  
**Status:** Post Construction  
**District:** SCV  
**Project Location:** 26200 Springbrook Avenue, Saugus, California 91350  
**Responsible Section:** Construction Management

**Total Project Budget:** \$9,000,000  
**Construction Contract Cost:** \$7,277,391  
**Funding Source(s):** 1069 - SCV Capital  
**Project Start Date:** 07/01/2019  
**Project End Date:** 06/30/2025  
**Finishing Project in FY24/25**

**Description**

Improvements to primary treatment facilities

**Justification**

Concrete repairs will be needed at Distribution Channel No. 1, the primary sedimentation tanks, the Primary Effluent Channel, Distribution Channel No. 2, the former step feed channel, and the Flow Equalization Tanks to address damage due to concrete corrosion.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$8,500,000     | \$500,000 | \$0     | \$0     | \$0     | \$0                | \$9,000,000          |

\* Through June 30, 2024



**Facility:** Saugus Water Reclamation Plant  
**Status:** Design Development  
**District:** SCV  
**Project Location:** 26200 Springbrook Avenue, Saugus, California 91350  
**Responsible Section:** Civil and Mechanical Design

**Total Project Budget:** \$6,800,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1069 - SCV Capital  
**Project Start Date:** 07/01/2022  
**Project End Date:** 06/30/2030  
**Continuing Project in FY24/25**

**Description**

Improvements to secondary treatment facilities

**Justification**

Replacement of existing two (2) RAS pumps to accommodate for the expected increased overall plant flow.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$190,000       | \$150,000 | \$0     | \$0     | \$0     | \$6,460,000        | \$6,800,000          |

\* Through June 30, 2024



**Facility:** Saugus Water Reclamation Plant  
**Status:** Design Development  
**District:** SCV  
**Project Location:** 26200 Springbrook Avenue, Saugus, California 91350  
**Responsible Section:** Civil and Mechanical Design

**Total Project Budget:** \$2,200,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1069 - SCV Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2026  
**Continuing Project in FY24/25**

## Description

Infrastructure improvements

## Justification

Project Scope includes following items to address security at Saugus WRP:

1. Replacement of chain link fence with security fencing around the plant perimeter, similar to what was installed at WNWRP.
2. Installation of conduits/equipment for badge readers at all buildings.
3. Installation security cameras to cover the plant area, similar to cloud-based cameras at WN if pilot project is successful.

Project costs were estimated based on WN security fencing costs.

## Budget Projections

| Budget to Date* | 2024-25   | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|---------|---------|--------------------|----------------------|
| \$50,000        | \$150,000 | \$2,000,000 | \$0     | \$0     | \$0                | \$2,200,000          |

\* Through June 30, 2024



**Facility:** Valencia Water Reclamation Plant  
**Status:** Design Development  
**District:** SCV  
**Project Location:** 28185 The Old Road, Valencia, California 91355  
**Responsible Section:** Structural, Architectural And Geotechnical Design

**Total Project Budget:** \$23,525,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1069 - SCV Capital  
**Project Start Date:** 07/01/2021  
**Project End Date:** 10/29/2029  
**Continuing Project in FY24/25**

**Description**

Infrastructure improvements

**Justification**

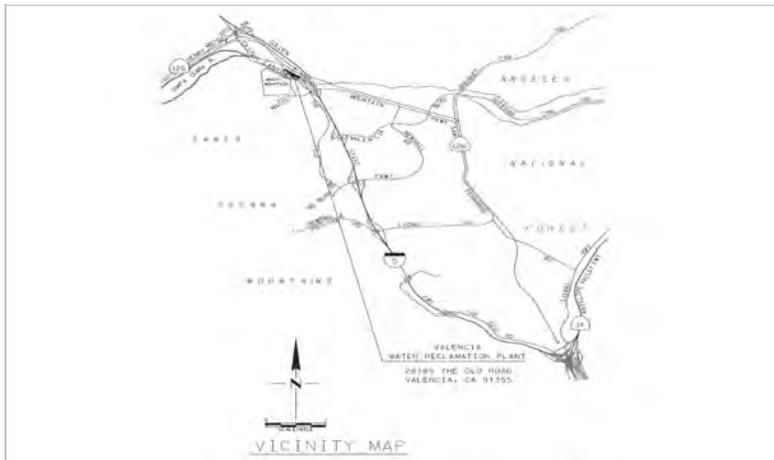
Geosyntec performed a preliminary engineering study, prepared and submitted Alternative Selection Report dated January 6, 2023 (DMS 6801784). The study evaluated possible alternatives for ground improvement along the existing retaining wall that can protect the Plant during capital flood scour levels and a design level earthquake. After several meetings with the Department of Fish and Wildlife (DFW), they finally agreed to the plan for the ground improvement to occur within the easement along the exterior of the plant wall. This will involve added costs due to environmental mitigation measures imposed by DFW which is estimated by our Planning Department to cost between \$2 million and \$10 million. In addition, we will be required to produce an EIR and procure additional permits for the project. The total project cost increases from the initial estimate of \$8.5 million (based on Fugro Report in 2017, DMS 4236350) to approximately \$23,525,000. This increase is based on:

1. The requirement to keep the improvement within the easement area creates the need for a more complicated and expensive wall system.
2. The costs for environmental review and documentation, permitting, and environmental mitigation measures.
3. The increase in construction cost due to inflation between 2017 and 2026 (nine years).
4. The additional scope for repair and/or replacement of two discharge outfalls on the river bank.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27   | 2027-28     | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-----------|-------------|--------------------|----------------------|
| \$840,000       | \$300,000 | \$300,000 | \$300,000 | \$5,000,000 | \$16,785,000       | \$23,525,000         |

\* Through June 30, 2024



**Facility:** Valencia Water Reclamation Plant  
**Status:** Construction  
**District:** SCV  
**Project Location:** 28185 The Old Road, Valencia, California 91355  
**Responsible Section:** Construction Management

**Total Project Budget:** \$125,600,000  
**Construction Contract Cost:** \$87,357,000  
**Funding Source(s):** 1069 - SCV Capital  
**Project Start Date:** 07/01/2013  
**Project End Date:** 12/31/2025  
**Continuing Project in FY24/25**

**Description**

Improvements to advanced water treatment facilities

**Justification**

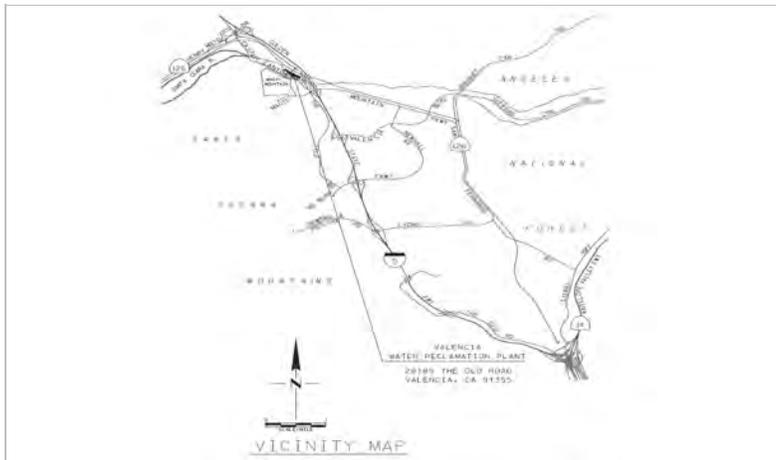
Design and construct a MF, NF, an enhanced membrane system, and brine truck loading facility to comply with the chloride TMDL.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|---------|---------|--------------------|----------------------|
| \$110,000,000   | \$7,100,000 | \$8,500,000 | \$0     | \$0     | \$0                | \$125,600,000        |

\* Through June 30, 2024





**Facility:** Valencia Water Reclamation Plant  
**Status:** Planning  
**District:** SCV  
**Project Location:** 28185 The Old Road, Valencia, California 91355  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$400,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1069 - SCV Capital  
**Project Start Date:** 07/01/2018  
**Project End Date:** 12/31/2024  
**Finishing Project in FY24/25**

**Description**

Infrastructure improvements

**Justification**

The Valencia WRP Truck Maintenance Shop will be converted into a locker room for Maintenance personnel. The existing locker room facilities in the Maintenance Trailer are undersized for the number of Maintenance staff that are onsite. Once space for Maintenance staff is reallocated, needs for E&I and operations staff will be assessed and a separate project will be created if needed.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$250,000       | \$150,000 | \$0     | \$0     | \$0     | \$0                | \$400,000            |

\* Through June 30, 2024



**Facility:** Valencia Water Reclamation Plant  
**Status:** Planning  
**District:** SCV  
**Project Location:** 28185 The Old Road, Valencia, California 91355  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$4,000,000

**Construction Contract Cost:**

**Funding Source(s):** 1069 - SCV Capital

**Project Start Date:** 01/01/2025

**Project End Date:** 06/30/2028

**New Project in FY24/25**

**Description**

Infrastructure improvements

**Justification**

Additional Operations, E&I, and Maintenance staff have been added at the Valencia WRP. A new Maintenance building is needed to support locker room, break, and office space for additional E&I and Maintenance staff. Parking would be needed at the new Maintenance building. Relocation of E&I staff to the new Maintenance Building will allow Operations staff to use the space in the Admin building currently occupied by E&I staff. The existing Control building used by Operations staff was constructed in 1966 and cannot be modified without major structural modifications.

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26  | 2026-27   | 2027-28     | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|----------|-----------|-------------|--------------------|----------------------|
| \$0             | \$10,000 | \$90,000 | \$100,000 | \$3,800,000 | \$0                | \$4,000,000          |

\* Through June 30, 2024



**Facility:** Valencia Water Reclamation Plant  
**Status:** Planning  
**District:** SCV  
**Project Location:** 28185 The Old Road, Valencia, California 91355  
**Responsible Section:** Water Reclamation Plants

**Total Project Budget:** \$2,050,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1069 - SCV Capital  
**Project Start Date:** 07/01/2011  
**Project End Date:** 06/30/2031  
**Continuing Project in FY24/25**

**Description**

Infrastructure improvements

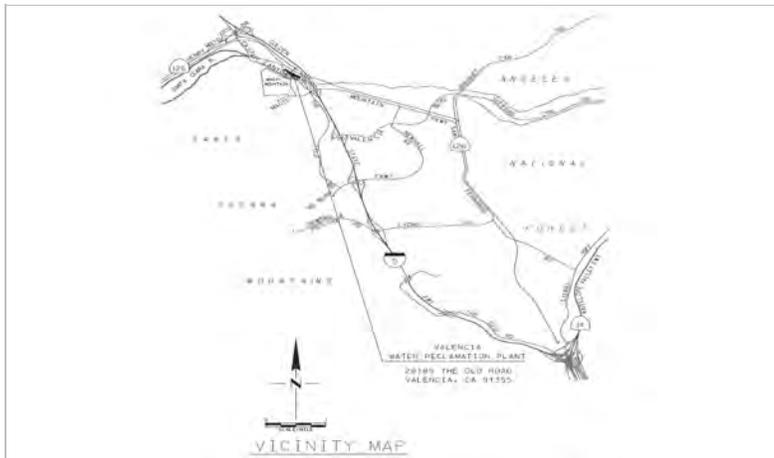
**Justification**

The Valencia WRP has a local capital budget (ERP Project No. 1000084/ WAM Project No. 1500000001) for small-scale projects to replace, refurbish and/or upgrade assets that have reached the end of their useful life. These miscellaneous local capital projects are less than \$50,000 in budget and are implemented by Districts' Maintenance and/or Electrical Instrumentation personnel or contract services. Some projects are implemented in phases over multiple fiscal years.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27   | 2027-28   | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-----------|-----------|--------------------|----------------------|
| \$1,350,000     | \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$300,000          | \$2,050,000          |

\* Through June 30, 2024



**Facility:** Valencia Water Reclamation Plant  
**Status:** Construction  
**District:** SCV  
**Project Location:** 28185 The Old Road, Valencia, California 91355  
**Responsible Section:** Construction Management

**Total Project Budget:** \$39,800,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1069 - SCV Capital  
**Project Start Date:** 07/01/2018  
**Project End Date:** 06/30/2025  
**Finishing Project in FY24/25**

**Description**

Improvements to secondary treatment facilities

**Justification**

June 2020 Update:

ESCO Project was approved by SCV Board in June 2020. All of the projects included in the ESCO work are being consolidated in to this project. The work will include the replacement of the existing north process air compressors, replacement of electrical infrastructure that feeds the north aeration process equipment, replacement of aeration diffusers in the north aeration units, the addition of aeration process controls, relocation of filter backwash return from north aeration units to filtrate/RAS tanks for better distribution, replacement of tertiary filter controls, and lighting upgrades. All other Unifier Projects associated with the ESCO work (NDN Enhancements projects and Bailey Conversion) will be removed from Unifier and any remaining budget (\$8.5M from NDN Enhancements projects and remaining \$450K from Bailey Conversion) will be transferred to this project budget. Budget for this project will be increased to account for total project costs. Budget and Finance is aware of the new budget amounts and has preliminarily approved budget for this project.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$37,800,000    | \$2,000,000 | \$0     | \$0     | \$0     | \$0                | \$39,800,000         |

\* Through June 30, 2024



**Facility:** Valencia Water Reclamation Plant  
**Status:** Design Development  
**District:** SCV  
**Project Location:** 28185 The Old Road, Valencia, California 91355  
**Responsible Section:** Electrical Design

**Total Project Budget:** \$56,691,485

**Construction Contract Cost:**

**Funding Source(s):** 1069 - SCV Capital

**Project Start Date:** 01/01/2016

**Project End Date:** 09/24/2029

**Continuing Project in FY24/25**

**Description**

Electrical and instrumentation infrastructure improvements

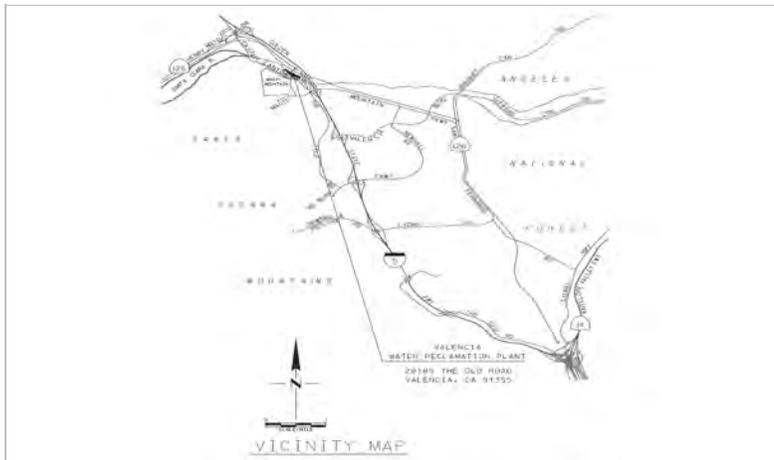
**Justification**

Switchboards are in poor physical condition. Failure of some critical swbds such as inf pumping would likely result in an overflow occurrence within the sewerage system upstream of the plant. Split bus system & new transformer/swbds will mitigate risks.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26     | 2026-27     | 2027-28      | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|-------------|--------------|--------------------|----------------------|
| \$5,116,491     | \$2,000,001 | \$8,333,997 | \$8,299,749 | \$16,676,000 | \$16,265,247       | \$56,691,485         |

\* Through June 30, 2024



**Facility:** Valencia Water Reclamation Plant  
**Status:** Planning  
**District:** SCV  
**Project Location:** 28185 The Old Road, Valencia, California 91355  
**Responsible Section:** Civil and Mechanical Design

**Total Project Budget:** \$3,000,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1069 - SCV Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2026  
**Continuing Project in FY24/25**

**Description**

Infrastructure improvements

**Justification**

8/2023 Update: Additional fencing and grading will be requested for the plant property line, which extends further south than the current fenceline. Given this additional scope and based on estimates from similar fencing projects, the budget has been increased and the completion date has been extended. A Design Request memo will be prepared by 10/31/2023 detailing the scope.

Security fencing will replace the existing chain link fence at the Valencia WRP to protect plant assets and equipment stored at the Valencia warehouse. In addition, security cameras will be added at selected locations to improve security. A new automated entrance gate with a card reader and security camera will also be installed at the South Entrance of the plant for the biosolids hauling trucks in order to improve the overall traffic flow throughout the plant, and to maintain continuously secured premises.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|---------|---------|--------------------|----------------------|
| \$150,000       | \$1,525,000 | \$1,325,000 | \$0     | \$0     | \$0                | \$3,000,000          |

\* Through June 30, 2024



**Facility:** Valencia Water Reclamation Plant  
**Status:** Design Development  
**District:** SCV  
**Project Location:** 28185 The Old Road, Valencia, California 91355  
**Responsible Section:** Civil and Mechanical Design

**Total Project Budget:** \$800,000

**Construction Contract Cost:**

**Funding Source(s):** 1069 - SCV Capital

**Project Start Date:** 02/21/2023

**Project End Date:** 12/31/2026

**Continuing Project in FY24/25**

**Description**

Infrastructure improvements

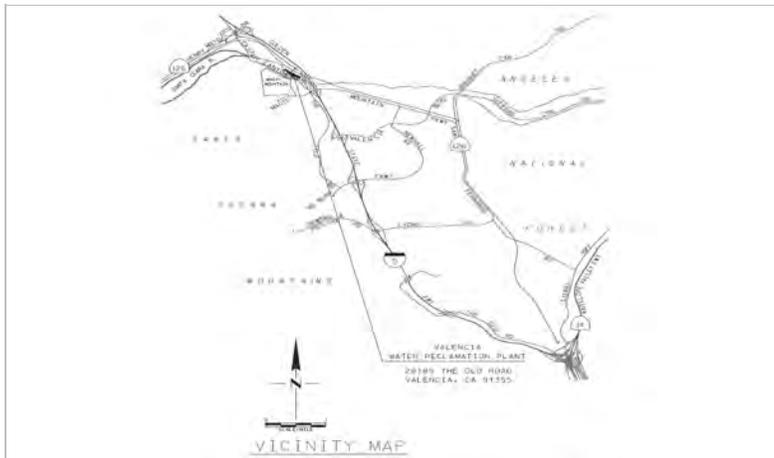
**Justification**

Improvement to the existing Main Stormwater Pump Station is required to meet new stormwater requirement and increase the capacity and reliability of the Stormwater Management System at Valencia WRP. The improvement includes, but is not limited to, replacing the existing one (1) submersible pump, increasing the existing stormwater wetwell capacity, modifying all existing piping and associated controls, and evaluate and install surface drainage system at areas that currently do not have any drainage feature in place.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27  | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|----------|---------|--------------------|----------------------|
| \$75,000        | \$125,000 | \$550,000 | \$50,000 | \$0     | \$0                | \$800,000            |

\* Through June 30, 2024



**Facility:** Valencia Water Reclamation Plant  
**Status:** Design Development  
**District:** SCV  
**Project Location:** 28185 The Old Road, Valencia, California 91355  
**Responsible Section:** Civil and Mechanical Design

**Total Project Budget:** \$35,000,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1069 - SCV Capital  
**Project Start Date:** 07/01/2019  
**Project End Date:** 06/29/2029  
**Continuing Project in FY24/25**

**Description**

Improvements to tertiary treatment facilities

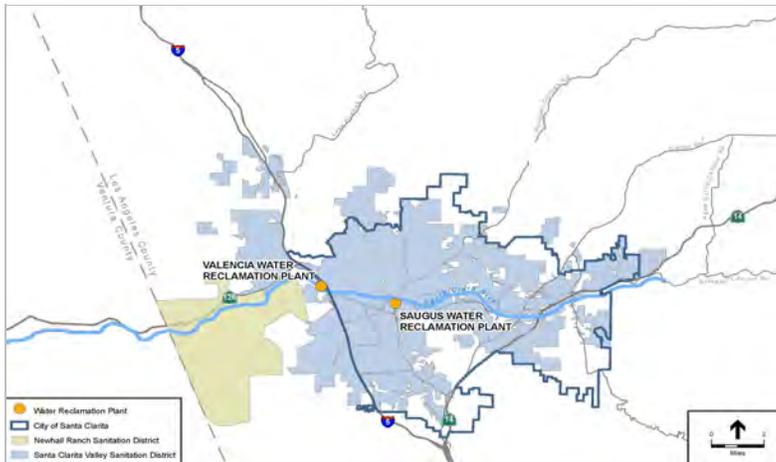
**Justification**

New filters will replace the existing pressure media filters that are near the end of their useful life. Originally, Cloth Media Filtration was thought to be the preferred replacement option to provide cost effective tertiary filtration. In 2020, Design conducted a pilot scale test for the cloth filters to evaluate their performance, and has been working with Operations and Carollo Engineers to perform an alternatives analysis and determine the most cost effective replacement for the existing pressure media filters. In June 2023, WRP Operations has agreed to proceed with design of the deep bed gravity filter as the replacement option. The gravity media filter facility will replace the existing pressure filters and the scope of work will include construction of the aboveground deep bed gravity filters, replacement of filter feed pumps, construction of new backwash tank, construction of new backwash waste tank, relocation of the ammonia station, and all ancillary appurtenances. Project budget has been revised to \$35M to reflect the determined design scope.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27      | 2027-28      | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|--------------|--------------|--------------------|----------------------|
| \$1,300,000     | \$500,000 | \$2,000,000 | \$10,000,000 | \$10,000,000 | \$11,200,000       | \$35,000,000         |

\* Through June 30, 2024



**Facility:** Newhall Ranch Water Reclamation Plant  
**Status:** Planning  
**District:** NR  
**Project Location:** NR  
**Responsible Section:** Planning

**Total Project Budget:** \$1,450,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1074 - NR Capital  
**Project Start Date:** 07/01/2018  
**Project End Date:** 06/30/2029  
**Continuing Project in FY24/25**

**Description**

Capital improvements to water reclamation plant

**Justification**

FivePoint/Newhall Land and Farming will be funding the administration costs as well as design and construction inspection costs incurred by the Newhall Ranch Sanitation District until such time as there are sufficient rate payers to cover these expenses. This project is for purposes of budgeting facility planning work, legal support, outreach, PRA requests and property acquisitions. The ERP project and tasks covered will be Project # 1000296, tasks 01-00-00 through 09-00-00.

**Budget Projections**

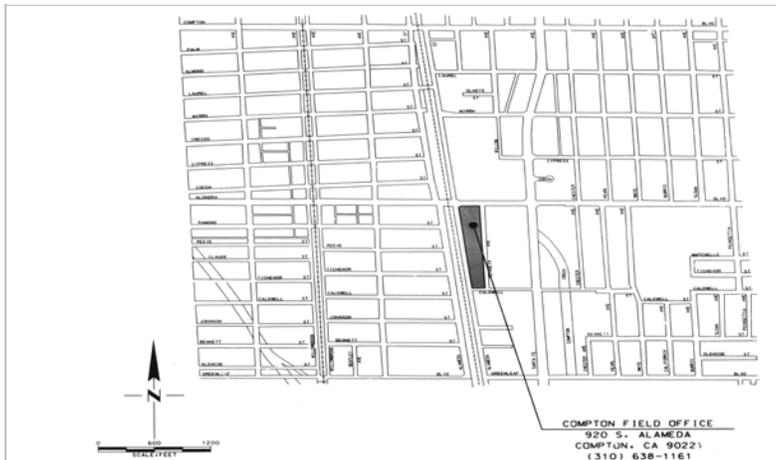
| Budget to Date* | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|---------|---------|---------|---------|--------------------|----------------------|
| \$1,430,000     | \$5,000 | \$5,000 | \$5,000 | \$5,000 | \$0                | \$1,450,000          |

\* Through June 30, 2024



# WASTEWATER

Field Offices



**Facility:** Compton Field Office  
**Status:** Design Development  
**District:** Joint Outfall  
**Project Location:** 920 S. Alameda Street, Compton, California 90221  
**Responsible Section:** Civil and Mechanical Design

**Total Project Budget:** \$70,000,000

**Construction Contract Cost:**

**Funding Source(s):** 1077 - JO Capital

**Project Start Date:** 07/01/2018

**Project End Date:** 06/30/2029

**Continuing Project in FY24/25**

**Description**

Infrastructure improvements

**Justification**

Existing facility is in poor condition and lacks functionality due to insufficient space. Also, the existing facility configuration does not effectively support the current work force and operations. A new facility is being planned for the area north of Sepulveda Blvd adjacent to JWPCP (former Color Spot nursery site). Preliminary plans include constructing the new facility, relocating most WCS staff to the new facility, then renovating the existing Compton FO site. The renovated Compton FO site would likely continue to support a smaller work crew. This project is in the preliminary planning phase and the scope will be revised after completion of preliminary engineering.

**Budget Projections**

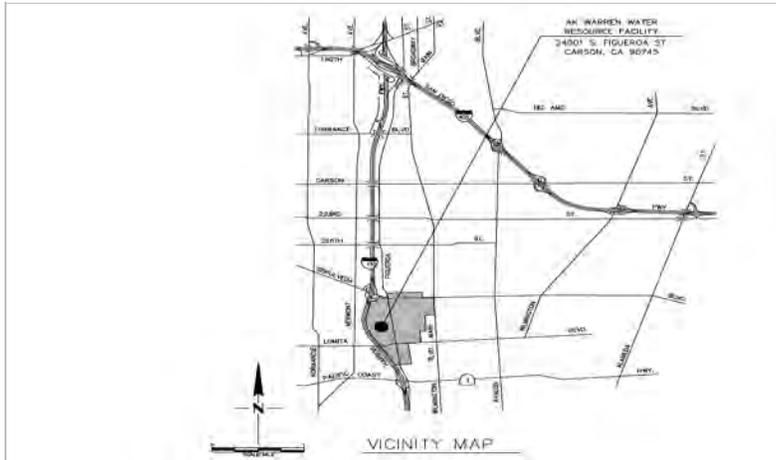
| Budget to Date* | 2024-25     | 2025-26      | 2026-27      | 2027-28      | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|--------------|--------------|--------------|--------------------|----------------------|
| \$800,000       | \$1,000,000 | \$10,200,000 | \$25,000,000 | \$28,000,000 | \$5,000,000        | \$70,000,000         |

\* Through June 30, 2024



# WASTEWATER

## Energy Recovery Facilities



**Facility:** AK Warren Water Resource Facility  
**Status:** Construction  
**District:** Joint Outfall  
**Project Location:** 24501 S. Figueroa Street, Carson, California 90745  
**Responsible Section:** Construction Management

**Total Project Budget:** \$8,500,000  
**Construction Contract Cost:** \$3,851,717  
**Funding Source(s):** 1077 - JO Capital  
**Project Start Date:** 08/31/2017  
**Project End Date:** 12/31/2024  
**Finishing Project in FY24/25**

**Description**

Improvements to energy recovery facilities

**Justification**

The proposed project will construct three (3) additional flare stations at JWPCP due to additional digester gas generated by increased food waste co-digesting activities. These flares will utilize Best Available Control Technology (BACT) to meet strict South Coast AQMD regulations. Additionally, a digester gas pipeline will be constructed to deliver digester gas to the proposed flare stations. Construction of an electrical building has been added to the scope of the project due to the cancelation of the Food Waste Receiving Facility project. Originally, the construction of the electrical building was included under the Food Waste Receiving Facility scope of work.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$8,300,000     | \$200,000 | \$0     | \$0     | \$0     | \$0                | \$8,500,000          |

\* Through June 30, 2024



# WASTEWATER

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## Administration





|                                      |                     |
|--------------------------------------|---------------------|
| <b>Facility:</b>                     | Contract Facilities |
| <b>Status:</b>                       | Planning            |
| <b>District:</b>                     | Joint Outfall       |
| <b>Project Location:</b>             | D05                 |
| <b>Responsible Section:</b>          | Budget & Finance    |
| <b>Total Project Budget:</b>         | \$40,749            |
| <b>Construction Contract Cost:</b>   |                     |
| <b>Funding Source(s):</b>            | 1077 - JO Capital   |
| <b>Project Start Date:</b>           | 07/01/2020          |
| <b>Project End Date:</b>             | 06/30/2040          |
| <b>Continuing Project in FY24/25</b> |                     |

**Description**

Capital expenses for disposal contracts

**Justification**

This project is for payment to the City of Los Angeles for new or modified connections to the sewers within District 5 that discharge into the City of Los Angeles' wastewater system.

**Budget Projections**

| Budget to Date* | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|---------|---------|---------|---------|--------------------|----------------------|
| \$7,261         | \$872   | \$872   | \$872   | \$872   | \$30,000           | \$40,749             |

\* Through June 30, 2024



|                                      |                     |
|--------------------------------------|---------------------|
| <b>Facility:</b>                     | Contract Facilities |
| <b>Status:</b>                       | Planning            |
| <b>District:</b>                     | Joint Outfall       |
| <b>Project Location:</b>             | D05                 |
| <b>Responsible Section:</b>          | Budget & Finance    |
| <b>Total Project Budget:</b>         | \$7,411,800         |
| <b>Construction Contract Cost:</b>   |                     |
| <b>Funding Source(s):</b>            | 1077 - JO Capital   |
| <b>Project Start Date:</b>           | 07/01/2017          |
| <b>Project End Date:</b>             | 06/30/2039          |
| <b>Continuing Project in FY24/25</b> |                     |

**Description**

Capital expenses for disposal contracts

**Justification**

This project is for payment of the capital portion of the contract between District 5 and the City of Los Angeles.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27   | 2027-28   | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-----------|-----------|--------------------|----------------------|
| \$2,187,500     | \$291,600 | \$204,500 | \$398,400 | \$479,800 | \$3,850,000        | \$7,411,800          |

\* Through June 30, 2024



|                                    |                                      |
|------------------------------------|--------------------------------------|
| <b>Facility:</b>                   | Contract Facilities                  |
| <b>Status:</b>                     | Planning                             |
| <b>District:</b>                   | Joint Outfall                        |
| <b>Project Location:</b>           | D16                                  |
| <b>Responsible Section:</b>        | Budget & Finance                     |
| <b>Total Project Budget:</b>       | \$435,180                            |
| <b>Construction Contract Cost:</b> |                                      |
| <b>Funding Source(s):</b>          | 1077 - JO Capital                    |
| <b>Project Start Date:</b>         | 07/01/2020                           |
| <b>Project End Date:</b>           | 06/30/2040                           |
|                                    | <b>Continuing Project in FY24/25</b> |

**Description**

Capital expenses for disposal contracts

**Justification**

This project is for payment to the City of Los Angeles for new or modified connections to the sewers within District 16 that flow into the City of Los Angeles' wastewater system.

**Budget Projections**

| Budget to Date* | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|---------|---------|---------|---------|--------------------|----------------------|
| \$60,736        | \$3,611 | \$3,611 | \$3,611 | \$3,611 | \$360,000          | \$435,180            |

\* Through June 30, 2024



|                                      |                     |
|--------------------------------------|---------------------|
| <b>Facility:</b>                     | Contract Facilities |
| <b>Status:</b>                       | Planning            |
| <b>District:</b>                     | Joint Outfall       |
| <b>Project Location:</b>             | D16                 |
| <b>Responsible Section:</b>          | Budget & Finance    |
| <b>Total Project Budget:</b>         | \$7,708,100         |
| <b>Construction Contract Cost:</b>   |                     |
| <b>Funding Source(s):</b>            | 1077 - JO Capital   |
| <b>Project Start Date:</b>           | 07/01/2017          |
| <b>Project End Date:</b>             | 06/30/2039          |
| <b>Continuing Project in FY24/25</b> |                     |

**Description**

Capital expenses for disposal contracts

**Justification**

This project is for payment of the capital portion of the contract between District 16 and the City of Los Angeles.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27   | 2027-28   | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-----------|-----------|--------------------|----------------------|
| \$2,324,700     | \$295,000 | \$138,600 | \$228,700 | \$321,100 | \$4,400,000        | \$7,708,100          |

\* Through June 30, 2024



|                                    |                                      |
|------------------------------------|--------------------------------------|
| <b>Facility:</b>                   | Contract Facilities                  |
| <b>Status:</b>                     | Planning                             |
| <b>District:</b>                   | 04                                   |
| <b>Project Location:</b>           | D04                                  |
| <b>Responsible Section:</b>        | Budget & Finance                     |
| <b>Total Project Budget:</b>       | \$6,046,351                          |
| <b>Construction Contract Cost:</b> |                                      |
| <b>Funding Source(s):</b>          | 1016 - D04 Capital                   |
| <b>Project Start Date:</b>         | 07/01/2020                           |
| <b>Project End Date:</b>           | 06/30/2040                           |
|                                    | <b>Continuing Project in FY24/25</b> |

**Description**

Capital expenses for disposal contracts

**Justification**

This project is for payment to the City of Los Angeles for new or modified connections to the sewers within District 4 that flow into the City of Los Angeles' system.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27   | 2027-28   | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-----------|-----------|--------------------|----------------------|
| \$1,099,863     | \$186,622 | \$186,622 | \$186,622 | \$186,622 | \$4,200,000        | \$6,046,351          |

\* Through June 30, 2024



|                                    |                                      |
|------------------------------------|--------------------------------------|
| <b>Facility:</b>                   | Contract Facilities                  |
| <b>Status:</b>                     | Planning                             |
| <b>District:</b>                   | 04                                   |
| <b>Project Location:</b>           | D04                                  |
| <b>Responsible Section:</b>        | Budget & Finance                     |
| <b>Total Project Budget:</b>       | \$42,929,900                         |
| <b>Construction Contract Cost:</b> |                                      |
| <b>Funding Source(s):</b>          | 1016 - D04 Capital                   |
| <b>Project Start Date:</b>         | 07/01/2017                           |
| <b>Project End Date:</b>           | 06/30/2039                           |
|                                    | <b>Continuing Project in FY24/25</b> |

**Description**

Capital expenses for disposal contracts

**Justification**

This project is for payment of the capital portion of the contract between District 4 and the City of Los Angeles.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26     | 2026-27     | 2027-28     | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|-------------|-------------|--------------------|----------------------|
| \$13,289,700    | \$1,884,500 | \$1,102,900 | \$2,031,200 | \$2,621,600 | \$22,000,000       | \$42,929,900         |

\* Through June 30, 2024



|                                    |                                      |
|------------------------------------|--------------------------------------|
| <b>Facility:</b>                   | Contract Facilities                  |
| <b>Status:</b>                     | Planning                             |
| <b>District:</b>                   | 09                                   |
| <b>Project Location:</b>           | D09                                  |
| <b>Responsible Section:</b>        | Budget & Finance                     |
| <b>Total Project Budget:</b>       | \$41,464                             |
| <b>Construction Contract Cost:</b> |                                      |
| <b>Funding Source(s):</b>          | 1025 - D09 Capital                   |
| <b>Project Start Date:</b>         | 07/01/2020                           |
| <b>Project End Date:</b>           | 06/30/2040                           |
|                                    | <b>Continuing Project in FY24/25</b> |

**Description**

Capital expenses for disposal contracts

**Justification**

This project is for payment to the City of Los Angeles for new or modified connections to the sewers within District 9 that flow into the City of Los Angeles' wastewater system.

**Budget Projections**

| Budget to Date* | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|---------|---------|---------|---------|--------------------|----------------------|
| \$9,396         | \$2,017 | \$2,017 | \$2,017 | \$2,017 | \$24,000           | \$41,464             |

\* Through June 30, 2024



|                                      |                     |
|--------------------------------------|---------------------|
| <b>Facility:</b>                     | Contract Facilities |
| <b>Status:</b>                       | Planning            |
| <b>District:</b>                     | 09                  |
| <b>Project Location:</b>             | D09                 |
| <b>Responsible Section:</b>          | Budget & Finance    |
| <b>Total Project Budget:</b>         | \$1,273,400         |
| <b>Construction Contract Cost:</b>   |                     |
| <b>Funding Source(s):</b>            | 1025 - D09 Capital  |
| <b>Project Start Date:</b>           | 07/01/2017          |
| <b>Project End Date:</b>             | 06/30/2039          |
| <b>Continuing Project in FY24/25</b> |                     |

**Description**

Capital expenses for disposal contracts

**Justification**

This project is for payment of the capital portion of the contract between District 9 and the City of Los Angeles.

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26  | 2026-27  | 2027-28  | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|----------|----------|----------|--------------------|----------------------|
| \$475,700       | \$75,800 | \$11,200 | \$24,000 | \$26,700 | \$660,000          | \$1,273,400          |

\* Through June 30, 2024



|                                      |                     |
|--------------------------------------|---------------------|
| <b>Facility:</b>                     | Contract Facilities |
| <b>Status:</b>                       | Planning            |
| <b>District:</b>                     | 27                  |
| <b>Project Location:</b>             | D27                 |
| <b>Responsible Section:</b>          | Budget & Finance    |
| <b>Total Project Budget:</b>         | \$1,879,200         |
| <b>Construction Contract Cost:</b>   |                     |
| <b>Funding Source(s):</b>            | 1057 - D27 Capital  |
| <b>Project Start Date:</b>           | 07/01/2017          |
| <b>Project End Date:</b>             | 06/30/2039          |
| <b>Continuing Project in FY24/25</b> |                     |

**Description**

Capital expenses for disposal contracts

**Justification**

This project is for payment of the capital portion of the contract between District 27 and the City of Los Angeles

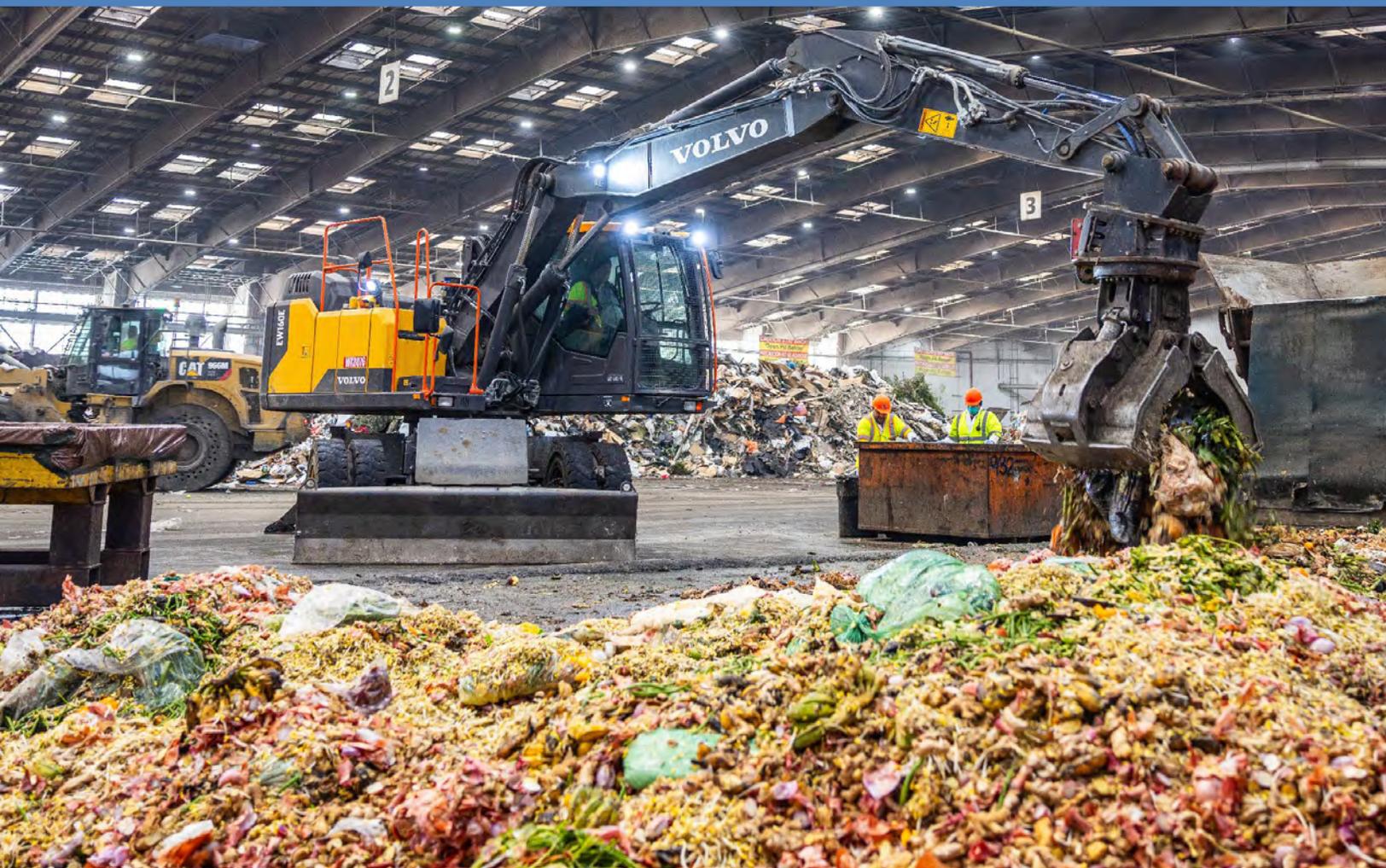
**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26  | 2026-27  | 2027-28  | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|----------|----------|----------|--------------------|----------------------|
| \$540,800       | \$47,800 | \$35,700 | \$70,900 | \$84,000 | \$1,100,000        | \$1,879,200          |

\* Through June 30, 2024



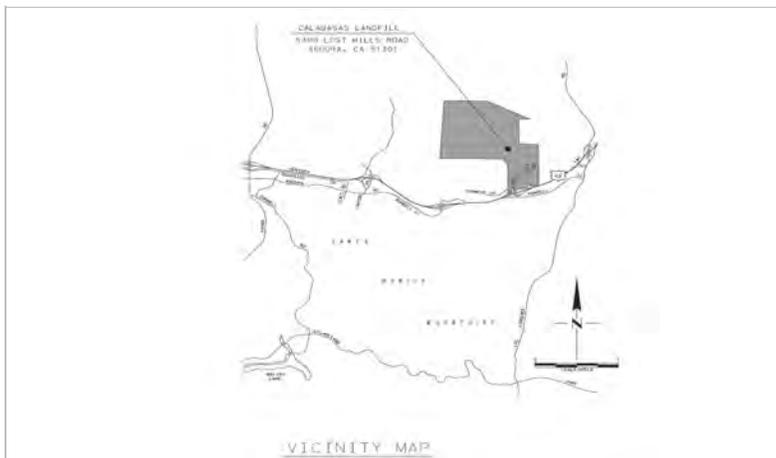
# SOLID WASTE



# SOLID WASTE

## Landfills





**Facility:** Calabasas Landfill  
**Status:** Planning  
**District:** 02  
**Project Location:** 5300 Lost Hills Road, Agoura, California 91301  
**Responsible Section:** Energy Recovery Engineering

**Total Project Budget:** \$500,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1097 - CALF Capital  
**Project Start Date:** 10/01/2024  
**Project End Date:** 06/30/2026  
**New Project in FY24/25**

**Description**

Power supply/switch board improvements

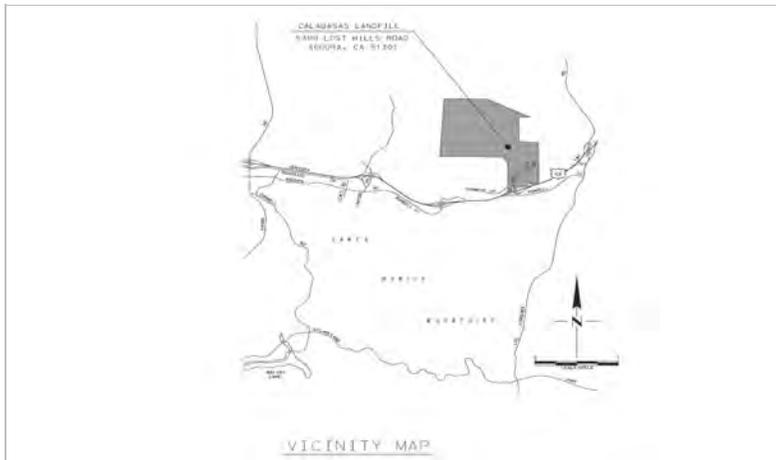
**Justification**

Calabasas' 480V switchboard is over 25 years old and requires replacement. There are no spares and replacement parts are obsolete. This upgrade is needed for backup power which is critical to the landfill's gas collection system and condensate/stripper operations.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26  | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|----------|---------|---------|--------------------|----------------------|
| \$0             | \$480,000 | \$20,000 | \$0     | \$0     | \$0                | \$500,000            |

\* Through June 30, 2024



**Facility:** Calabasas Landfill  
**Status:** Planning  
**District:** 02  
**Project Location:** 5300 Lost Hills Road, Agoura, California 91301  
**Responsible Section:** Solid Waste Operations

**Total Project Budget:** \$200,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1097 - CALF Capital  
**Project Start Date:** 01/01/2024  
**Project End Date:** 07/03/2025  
**Finishing Project in FY24/25**

**Description**

Repair work on flare station foundation

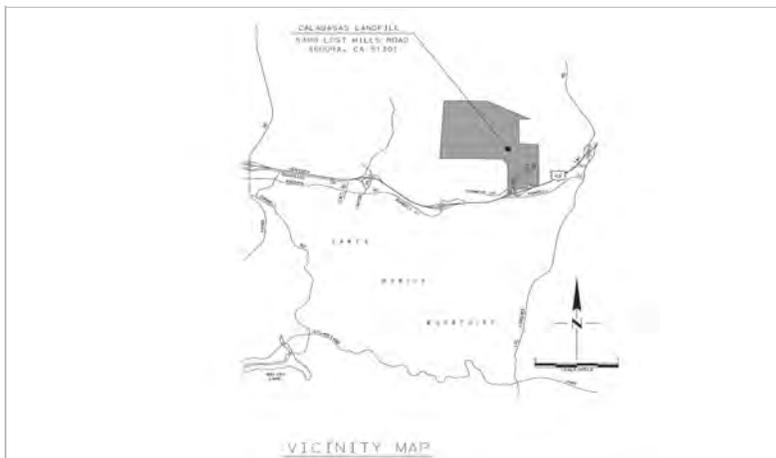
**Justification**

The existing flare foundations at Calabasas are cracked and have settled. This has caused several flares to lean. The repair work will include: removing the existing concrete foundation, recompacting the existing soil and installing new concrete foundations.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$100,000       | \$100,000 | \$0     | \$0     | \$0     | \$0                | \$200,000            |

\* Through June 30, 2024



**Facility:** Calabasas Landfill  
**Status:** Design Development  
**District:** 02  
**Project Location:** 5300 Lost Hills Road, Agoura, California 91301  
**Responsible Section:** Civil and Mechanical Design

**Total Project Budget:** \$4,000,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1097 - CALF Capital  
**Project Start Date:** 05/10/2022  
**Project End Date:** 12/31/2026  
**Continuing Project in FY24/25**

**Description**

Capital improvements to landfill

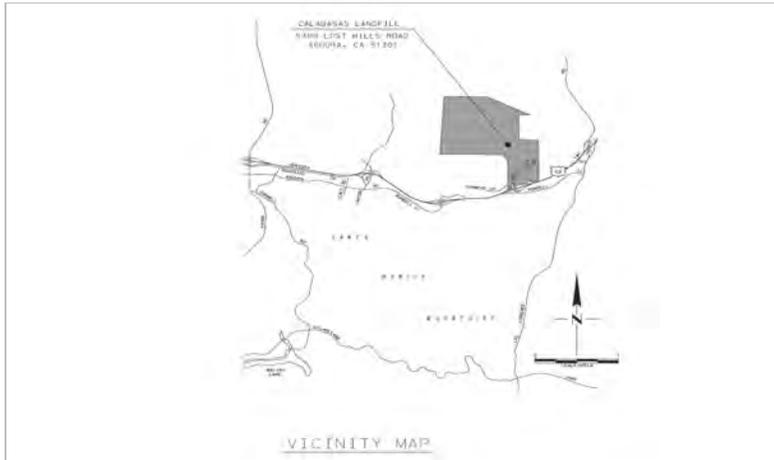
**Justification**

As part of the ongoing operation of the landfill and to ensure regulatory compliance with AQMD Rule 1150.1, Calabasas Landfill requires the expansion and modification of the existing gas collection system. Design request with scope of work forthcoming from SW Operations Section.

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26     | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|-------------|-------------|---------|--------------------|----------------------|
| \$140,000       | \$50,000 | \$2,500,000 | \$1,310,000 | \$0     | \$0                | \$4,000,000          |

\* Through June 30, 2024



**Facility:** Calabasas Landfill  
**Status:** Planning  
**District:** 02  
**Project Location:** 5300 Lost Hills Road, Agoura, California 91301  
**Responsible Section:** Solid Waste Operations

**Total Project Budget:** \$3,000,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1097 - CALF Capital  
**Project Start Date:** 07/01/2024  
**Project End Date:** 06/30/2027  
**New Project in FY24/25**

**Description**

Capital improvement to landfill water treatment system

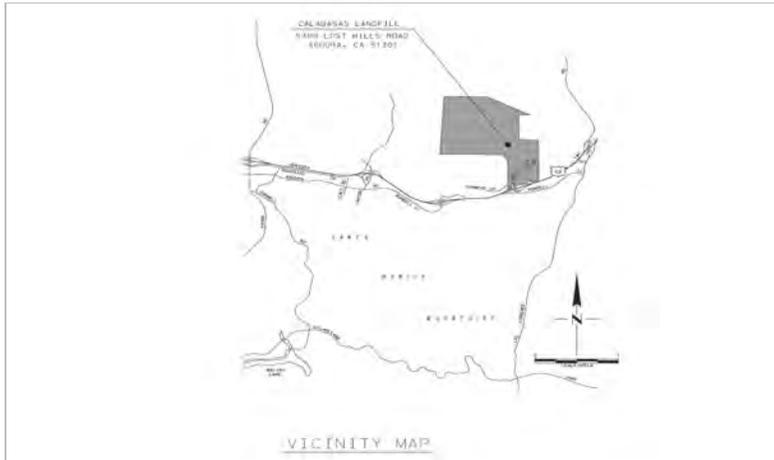
**Justification**

This project involves treatment (RO) of various liquids including groundwater, lcrs, and condensate to meet discharge limits for sewer disposal. This project will include removal of PFAs and PFOs.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|-------------|---------|--------------------|----------------------|
| \$0             | \$500,000 | \$1,000,000 | \$1,500,000 | \$0     | \$0                | \$3,000,000          |

\* Through June 30, 2024



**Facility:** Calabasas Landfill  
**Status:** Planning  
**District:** 02  
**Project Location:** 5300 Lost Hills Road, Agoura, California 91301  
**Responsible Section:** Solid Waste Operations

**Total Project Budget:** \$2,275,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1097 - CALF Capital  
**Project Start Date:** 07/01/2020  
**Project End Date:** 06/30/2027  
**Continuing Project in FY24/25**

**Description**

Capital improvements to landfill

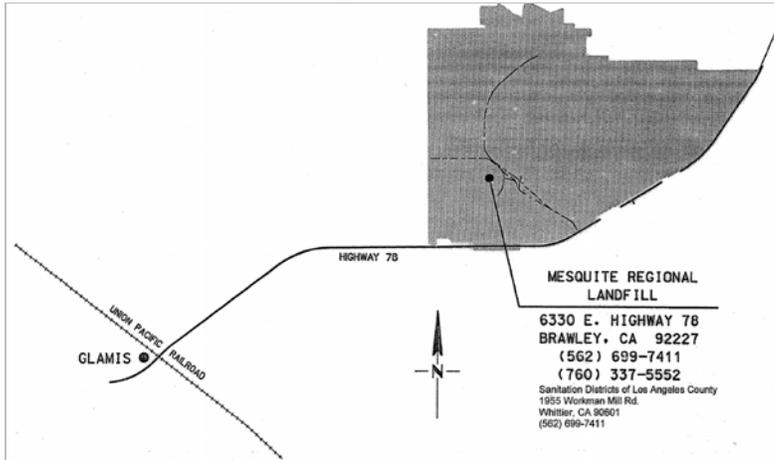
**Justification**

This purpose of this project is for unanticipated capital improvement needs including on-call gas system projects.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27   | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-----------|---------|--------------------|----------------------|
| \$1,300,000     | \$325,000 | \$325,000 | \$325,000 | \$0     | \$0                | \$2,275,000          |

\* Through June 30, 2024



**Facility:** Mesquite Regional Landfill  
**Status:** Planning  
**District:** 02  
**Project Location:** 6330 E. Highway 78, Brawley, California 92227  
**Responsible Section:** Solid Waste Operations

**Total Project Budget:** \$350,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1111 - DJR Capital  
**Project Start Date:** 07/01/2020  
**Project End Date:** 06/30/2027  
**Continuing Project in FY24/25**

**Description**

Capital improvements to landfill

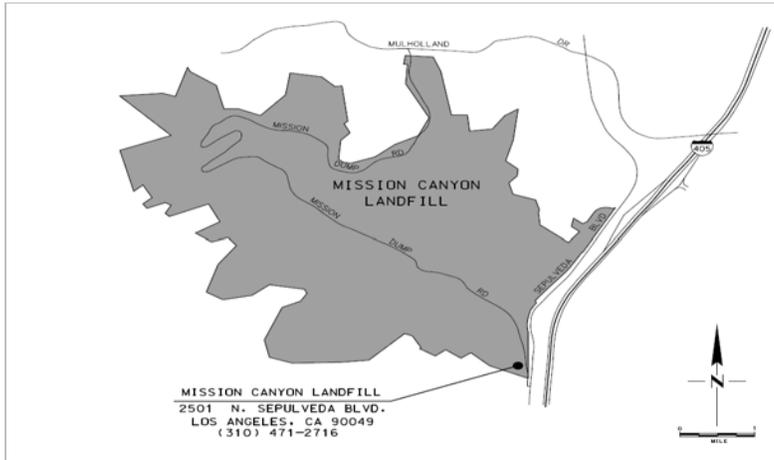
**Justification**

This project is to cover unanticipated capital improvement needs.

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26  | 2026-27  | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|----------|----------|---------|--------------------|----------------------|
| \$200,000       | \$50,000 | \$50,000 | \$50,000 | \$0     | \$0                | \$350,000            |

\* Through June 30, 2024



**Facility:** Mission Canyon Landfill  
**Status:** Planning  
**District:** 02  
**Project Location:** 2501 N. Sepulveda Boulevard, Los Angeles, California 90049  
**Responsible Section:** Solid Waste Operations

**Total Project Budget:** \$350,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1115 - LACRDS Capital  
**Project Start Date:** 07/01/2020  
**Project End Date:** 06/30/2027  
**Continuing Project in FY24/25**

**Description**

Capital improvements to landfill

**Justification**

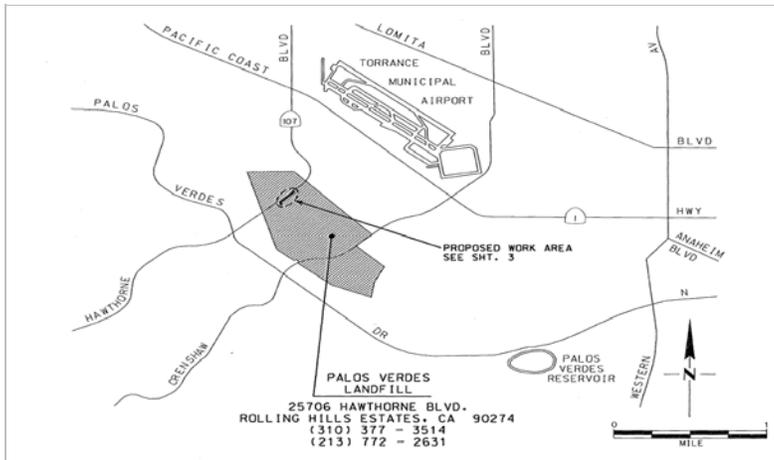
This purpose of this project is for unanticipated capital improvement needs.

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26  | 2026-27  | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|----------|----------|---------|--------------------|----------------------|
| \$200,000       | \$50,000 | \$50,000 | \$50,000 | \$0     | \$0                | \$350,000            |

\* Through June 30, 2024

# Palos Verdes Landfill Miscellaneous Capital Improvement Projects 05D-G-9003



**Facility:** Palos Verdes Landfill  
**Status:** Planning  
**District:** 02  
**Project Location:** 25680 Hawthorne Boulevard, Rolling Hills Estates, California 90274  
**Responsible Section:** Solid Waste Operations

**Total Project Budget:** \$350,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1080 - PVLFC Capital  
**Project Start Date:** 07/01/2020  
**Project End Date:** 06/30/2027  
**Continuing Project in FY24/25**

## Description

Capital improvements to landfill

## Justification

This purpose of this project is for unanticipated capital improvement needs.

## Budget Projections

| Budget to Date* | 2024-25  | 2025-26  | 2026-27  | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|----------|----------|---------|--------------------|----------------------|
| \$200,000       | \$50,000 | \$50,000 | \$50,000 | \$0     | \$0                | \$350,000            |

\* Through June 30, 2024



**Facility:** Puente Hills Landfill  
**Status:** Planning  
**District:** 02  
**Project Location:** 13130 Crossroads Parkway South, City of Industry, California 91746  
**Responsible Section:** Solid Waste Operations

**Total Project Budget:** \$2,100,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1088 - PHLF Capital  
**Project Start Date:** 07/01/2020  
**Project End Date:** 06/30/2027  
**Continuing Project in FY24/25**

**Description**

Capital improvements to landfill

**Justification**

This purpose of this project is for unanticipated capital improvement needs including on-call gas system projects.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27   | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-----------|---------|--------------------|----------------------|
| \$1,200,000     | \$300,000 | \$300,000 | \$300,000 | \$0     | \$0                | \$2,100,000          |

\* Through June 30, 2024



**Facility:** Scholl Canyon Landfill  
**Status:** Planning  
**District:** 02  
**Project Location:** 7721 N. Figueroa Street, Los Angeles, California 90041  
**Responsible Section:** Solid Waste Operations

**Total Project Budget:** \$250,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1094 - SCLF Capital  
**Project Start Date:** 10/01/2024  
**Project End Date:** 09/30/2025  
**New Project in FY24/25**

**Description**

Power supply/switch board improvements

**Justification**

SCLF 480V switchboard is over 25 years old and requires replacement. There are no spares and replacement parts are obsolete. This upgrade is needed for backup power which is critical to the landfill's gas collection system. This project is for the switchboard and does not include a diesel generator.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$0             | \$250,000 | \$0     | \$0     | \$0     | \$0                | \$250,000            |

\* Through June 30, 2024



**Facility:** Scholl Canyon Landfill  
**Status:** Design Development  
**District:** 02  
**Project Location:** 7721 N. Figueroa Street, Los Angeles, California 90041  
**Responsible Section:** Construction Management

**Total Project Budget:** \$15,000,000

**Construction Contract Cost:** \$11,613,885

**Funding Source(s):** 1094 - SCLF Capital

**Project Start Date:** 10/01/2019

**Project End Date:** 06/30/2025

**Finishing Project in FY24/25**

**Description**

Capital improvements to landfill

**Justification**

This project will construct a storm water capture system to collect and convey industrial stormwater runoff at the site to a proposed lined basin of approx. 6.2 million gallon (MG) capacity, for eventual discharge to a local sewer through an existing Industrial Waste connection. The work will include construction of a 6.2 MG lined basin with a spillway, underdrain system, and outlet structure; pump station; stormdrain diversion system; and the associated civil and mechanical piping and electrical and controls systems.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$13,500,000    | \$1,500,000 | \$0     | \$0     | \$0     | \$0                | \$15,000,000         |

\* Through June 30, 2024



**Facility:** Scholl Canyon Landfill  
**Status:** Construction  
**District:** 02  
**Project Location:** 7721 N. Figueroa Street, Los Angeles, California 90041  
**Responsible Section:** Construction Management

**Total Project Budget:** \$12,000,000

**Construction Contract Cost:** \$5,564,391

**Funding Source(s):** 1094 - SCLF Capital

**Project Start Date:** 07/30/2019

**Project End Date:** 06/29/2026

**Continuing Project in FY24/25**

**Description**

Capital improvements to landfill

**Justification**

As of January 4, 2019, the new South Coast Air Quality Management District's (SCAQMD) Rule 1118.1 regulates "non-refinery" flaring, which applies to the flares utilized at Scholl Canyon Landfill (SCLF). Because the existing flares at the facility are continuously running, they will exceed the rule's 20% flaring capacity annual threshold, which will be reached by the end of 2020 (two years of consecutive flaring). This will trigger the rule's requirement of replacing the existing and outdated flares with new, best available control technology low-NOx, VOC, and CO emitting flares. Please note that Rule 1118.1 does not apply to closed landfills with average annual total flows less than 3,805 scfm.

SCLF currently operates 8 out of the 12 flares in order to combust all of the landfill gas generated by the landfill, which is approximately 5,500 SCFM at 38% methane. The existing flares cannot meet the emission requirements of Rule 1118.1; however, Solid Waste would like to still utilize the existing flares and infrastructure as emergency backup.

The Project scope involves construction of two(2) new ultra-low emission (a.k.a., Best Available Control Technology (BACT)) flares at SCLF to meet the more stringent emission standards imposed by SCAQMD Rule 1118.1. Detailed discussion of the background, scope of work, schedule and budget for project is included in the Preliminary Design Report (#6073218).

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|---------|---------|--------------------|----------------------|
| \$2,550,000     | \$4,000,000 | \$5,450,000 | \$0     | \$0     | \$0                | \$12,000,000         |

\* Through June 30, 2024



**Facility:** Scholl Canyon Landfill  
**Status:** Construction  
**District:** 02  
**Project Location:** 7721 N. Figueroa Street, Los Angeles, California 90041  
**Responsible Section:** Construction Management  
  
**Total Project Budget:** \$8,500,000  
**Construction Contract Cost:** \$6,241,981  
**Funding Source(s):** 1094 - SCLF Capital  
**Project Start Date:** 07/01/2022  
**Project End Date:** 06/30/2025  
**Finishing Project in FY24/25**

**Description**

Installation of portions of the final cover

**Justification**

The proposed project is located at Scholl Canyon Landfill 3001 Scholl Canyon Road, Glendale, California, 91206. The proposed project comprises of the installation of a geosynthetic clay liner (GCL) final cover system. Work will include: soil excavation, grading, soil placement, installation of drainage geocomposite with piping, and installation of polyethylene barrier. The areas include: Windy Canyon (3.3 acres), Ballfield (2.8 acres), Edison Arm (8.6 acres), and Kidney (2.2 acres). The final cover type was selected based on postclosure land use.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$8,000,000     | \$500,000 | \$0     | \$0     | \$0     | \$0                | \$8,500,000          |

\* Through June 30, 2024



**Facility:** Scholl Canyon Landfill  
**Status:** Planning  
**District:** 02  
**Project Location:** 7721 N. Figueroa Street, Los Angeles, California 90041  
**Responsible Section:** Solid Waste Operations

**Total Project Budget:** \$2,275,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1094 - SCLF Capital  
**Project Start Date:** 07/01/2020  
**Project End Date:** 06/30/2027  
**Continuing Project in FY24/25**

**Description**

Capital improvements to landfill

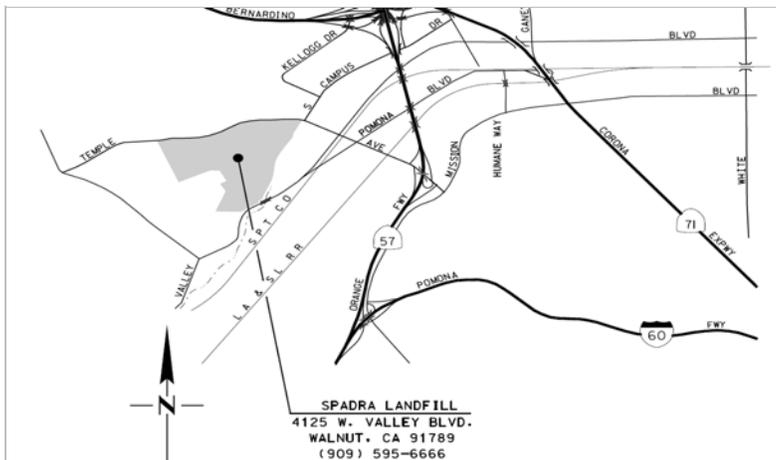
**Justification**

This purpose of this project is for unanticipated capital improvement needs including on-call gas system projects.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27   | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|-----------|---------|--------------------|----------------------|
| \$1,300,000     | \$650,000 | \$0     | \$325,000 | \$0     | \$0                | \$2,275,000          |

\* Through June 30, 2024



**Facility:** Spadra Landfill  
**Status:** Planning  
**District:** 02  
**Project Location:** 4125 W. Valley Blvd, Walnut, California 91789  
**Responsible Section:** Solid Waste Operations

**Total Project Budget:** \$550,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1084 - SPLF Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2025  
**Finishing Project in FY24/25**

**Description**

Spadra Landfill extraction well installation.

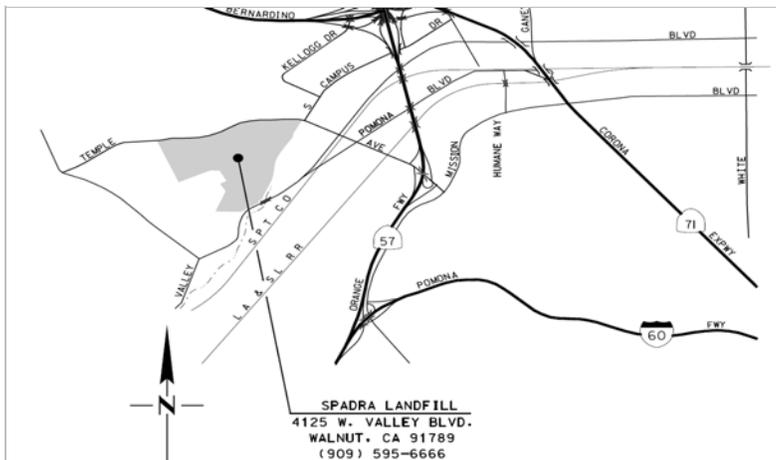
**Justification**

Water monitoring well M29B, located in the area of the Kirst cut, has a history of exceeding MCLs for certain compounds. In an effort to reduce the concentration of these compounds, a new 100' extraction well directly upstream of M29B and downstream of the Kirst Cut will be installed.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$100,000       | \$450,000 | \$0     | \$0     | \$0     | \$0                | \$550,000            |

\* Through June 30, 2024



**Facility:** Spadra Landfill  
**Status:** Planning  
**District:** 02  
**Project Location:** 4125 W. Valley Blvd, Walnut, California 91789  
**Responsible Section:** Solid Waste Operations

**Total Project Budget:** \$350,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1084 - SPLF Capital  
**Project Start Date:** 07/01/2020  
**Project End Date:** 06/30/2027  
**Continuing Project in FY24/25**

**Description**

Capital improvements to landfill

**Justification**

This purpose of this project is for unanticipated capital improvement needs.

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26  | 2026-27  | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|----------|----------|---------|--------------------|----------------------|
| \$200,000       | \$50,000 | \$50,000 | \$50,000 | \$0     | \$0                | \$350,000            |

\* Through June 30, 2024

# SOLID WASTE

## Transfer Facilities





**Facility:** Puente Hills Materials Recovery Facility  
**Status:** Planning  
**District:** 02  
**Project Location:** 13130 Crossroads Parkway South, City of Industry, California 91746  
**Responsible Section:** Solid Waste Operations

**Total Project Budget:** \$2,500,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1111 - DJR Capital  
**Project Start Date:** 07/01/2022  
**Project End Date:** 06/30/2032  
**Continuing Project in FY24/25**

**Description**

Capital improvements to transfer facility

**Justification**

Budget \$250,000 per year for each of the next 10 fiscal years FY22/23 through FY31/32.

Previous Project Description submitted 10/29/2020 by Tahir:

The following capital improvements projects are anticipated after indicated number of years. It is recommended that estimated yearly cost for each project in included in the yearly budgets.

| PROJECT                          | COST        | AFTER    | YEARLY BUDGET |
|----------------------------------|-------------|----------|---------------|
| Tipping Floor Restoration        | \$1,000,000 | 10 years | \$100,000     |
| HVAC Units Replacement           | \$250,000   | 10 years | \$25,000      |
| Road Pavement Restoration        | \$500,000   | 10 years | \$50,000      |
| Offices Floor Carpet Replacement | \$150,000   | 10 years | \$15,000      |
| Scales                           | \$100,000   | 10 years | \$10,000      |
| Rollup Doors                     | \$300,000   | 15 years | \$20,000      |
| Other                            | \$200,000   | 10 years | \$20,000      |

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26   | 2026-27   | 2027-28   | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-----------|-----------|-----------|--------------------|----------------------|
| \$500,000       | \$250,000 | \$250,000 | \$250,000 | \$250,000 | \$1,000,000        | \$2,500,000          |

\* Through June 30, 2024



**Facility:** Puente Hills Materials Recovery Facility  
**Status:** Planning  
**District:** 02  
**Project Location:** 13130 Crossroads Parkway South, City of Industry, California 91746  
**Responsible Section:** Solid Waste Operations

**Total Project Budget:** \$520,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1111 - DJR Capital  
**Project Start Date:** 07/01/2022  
**Project End Date:** 06/30/2025  
**Finishing Project in FY24/25**

**Description**

Power generator improvements

**Justification**

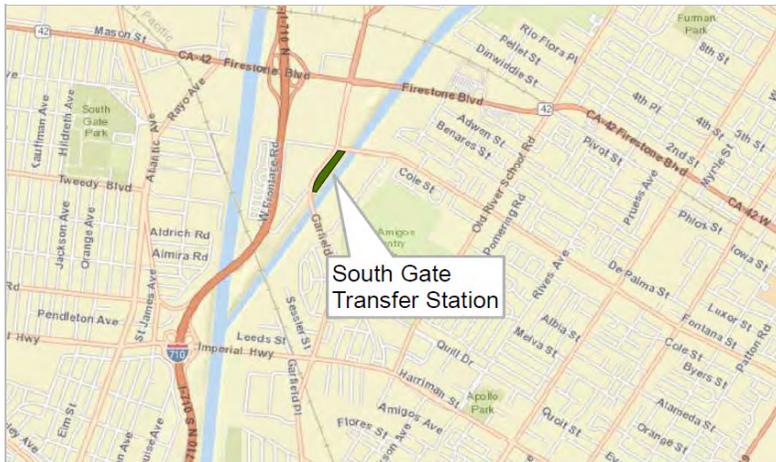
Standby Power Generator for backup power to:

- Stormwater pumps in tunnel
- Scales
- MRF lighting
- MRF entrance and exit doors
- Loadout tunnel doors
- Roof-mounted vent fans
- Loadout tunnel scales
- Stormwater pump at PHIMF tunnel road
- Scale house

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$170,000       | \$350,000 | \$0     | \$0     | \$0     | \$0                | \$520,000            |

\* Through June 30, 2024



**Facility:** South Gate Transfer Station  
**Status:** Planning  
**District:** 02  
**Project Location:** 9530 Garfield Avenue, South Gate, California 90280  
**Responsible Section:** Solid Waste Operations

**Total Project Budget:** \$500,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1111 - DJR Capital  
**Project Start Date:** 07/01/2022  
**Project End Date:** 06/30/2032  
**Continuing Project in FY24/25**

**Description**

Capital improvements to transfer facility

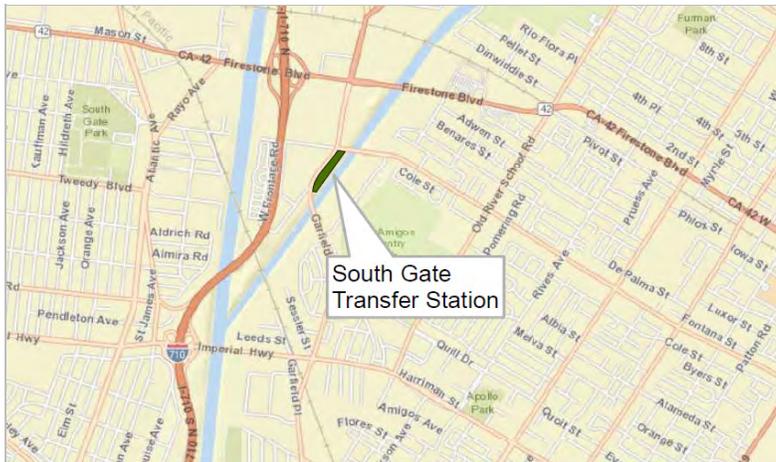
**Justification**

Miscellaneous Future Capital Improvement Costs

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26  | 2026-27  | 2027-28  | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|----------|----------|----------|--------------------|----------------------|
| \$100,000       | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$200,000          | \$500,000            |

\* Through June 30, 2024



**Facility:** South Gate Transfer Station  
**Status:** Planning  
**District:** 02  
**Project Location:** 9530 Garfield Avenue, South Gate, California 90280  
**Responsible Section:** Energy Recovery Engineering

**Total Project Budget:** \$200,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1111 - DJR Capital  
**Project Start Date:** 10/01/2023  
**Project End Date:** 06/30/2025  
**Finishing Project in FY24/25**

**Description**

Power supply/switch board improvements

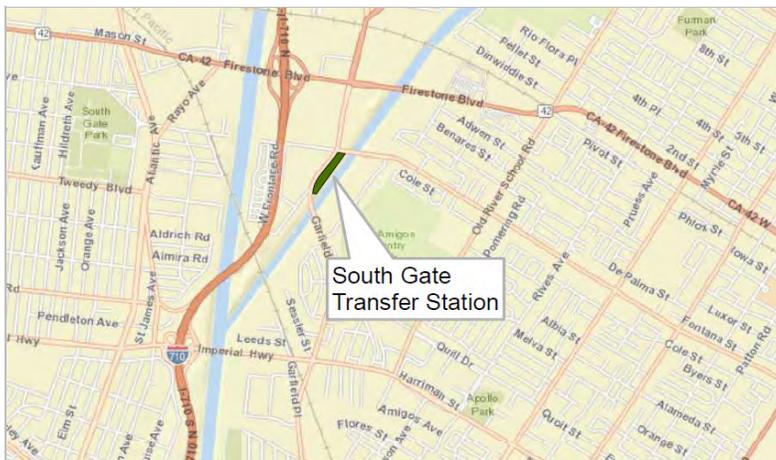
**Justification**

South Gate's 480V switchboard is over 40 years old and requires replacement. There are no spares and replacement parts are obsolete.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$20,000        | \$180,000 | \$0     | \$0     | \$0     | \$0                | \$200,000            |

\* Through June 30, 2024



**Facility:** South Gate Transfer Station  
**Status:** Planning  
**District:** 02  
**Project Location:** 9530 Garfield Avenue, South Gate, California 90280  
**Responsible Section:** Solid Waste Operations

**Total Project Budget:** \$1,500,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1111 - DJR Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2026  
**Continuing Project in FY24/25**

**Description**

Capital improvements to transfer facility

**Justification**

Replace disposal pit wall. The existing disposal pit wall is showing signs of deterioration and buckling in various places. These are currently reinforced with metal plates bolted to the concrete wall. The pit wall is approximately 60 years old.

**Budget Projections**

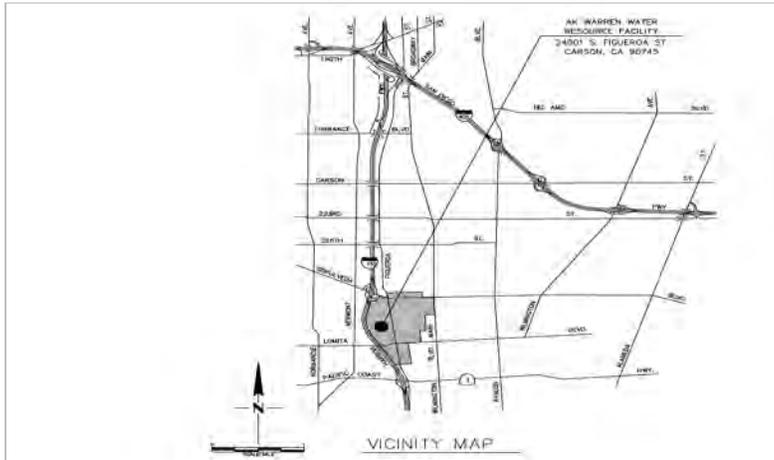
| Budget to Date* | 2024-25   | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|---------|---------|--------------------|----------------------|
| \$75,000        | \$425,000 | \$1,000,000 | \$0     | \$0     | \$0                | \$1,500,000          |

\* Through June 30, 2024



**SOLID WASTE**  
Energy Recovery Facilities





**Facility:** Food Waste Energy Recovery Facilities  
**Status:** Planning  
**District:** 02  
**Project Location:** 24501 S. Figueroa Street, Carson, California 90745  
**Responsible Section:** Construction Management

**Total Project Budget:** \$24,000,000  
**Construction Contract Cost:** \$12,118,321  
**Funding Source(s):** 1111 - DJR Capital  
**Project Start Date:** 06/30/2021  
**Project End Date:** 06/30/2026  
**Continuing Project in FY24/25**

## Description

Improvements to energy recovery facilities

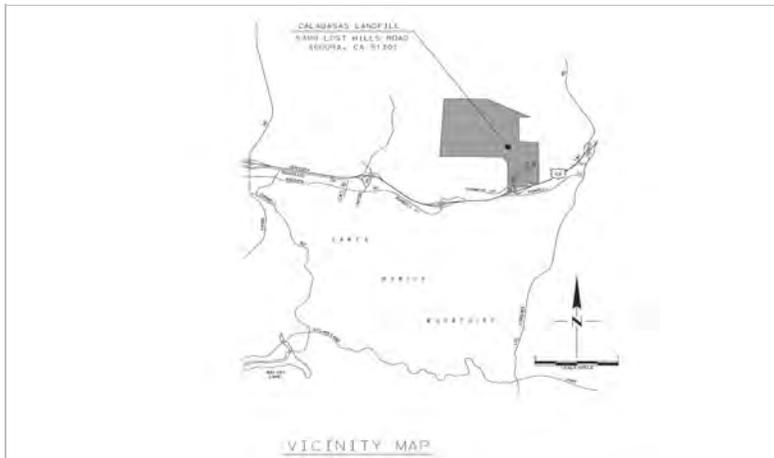
## Justification

Revise Cash Flow to reflect larger initial payment (50%) to SoCalGas for pipeline injection agreement and use Warren in the Project name. No change to overall budget and schedule.

## Budget Projections

| Budget to Date* | 2024-25      | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|--------------|-------------|---------|---------|--------------------|----------------------|
| \$9,824,637     | \$10,000,000 | \$4,175,363 | \$0     | \$0     | \$0                | \$24,000,000         |

\* Through June 30, 2024



**Facility:** Calabasas Gas to Energy Facility  
**Status:** Planning  
**District:** 02  
**Project Location:** 5300 Lost Hills Road, Agoura, California 91301  
**Responsible Section:** Energy Recovery Engineering

**Total Project Budget:** \$3,724,000

**Construction Contract Cost:**

**Funding Source(s):** 1111 - DJR Capital

**Project Start Date:** 10/01/2023

**Project End Date:** 06/30/2025

**Finishing Project in FY24/25**

**Description**

Gas turbine and generator overhaul

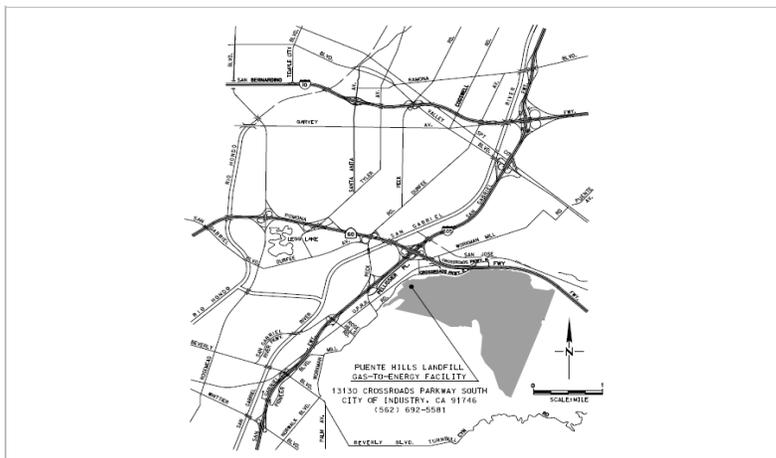
**Justification**

The scope of this project is to overhaul gas turbine #1 and two or three generators at Calabasas Gas-to-Energy Facility (CLGEF). Gas turbine #1 has operated more than twice its expected lifespan. The three turbine generators have never been disassembled or thoroughly inspected since commissioning of the facility in 2010. Overhaul of the gas turbine and reconditioning of the generators will increase plant reliability. Performing this work provides financial viability to operate CLGEF for an extended period. Extension of wholesale and retail power purchase and sale agreements with Calpine in 2022 made it financially feasible to budget this work.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$3,489,000     | \$235,000 | \$0     | \$0     | \$0     | \$0                | \$3,724,000          |

\* Through June 30, 2024



**Facility:** Puente Hills Gas to Energy  
**Status:** Planning  
**District:** 02  
**Project Location:** 13130 Crossroads Parkway South, City of Industry, California 91746  
**Responsible Section:** Solid Waste Operations

**Total Project Budget:** \$1,000,000

**Construction Contract Cost:**

**Funding Source(s):** 1111 - DJR Capital

**Project Start Date:** 10/01/2023

**Project End Date:** 09/30/2025

**Finishing Project in FY24/25**

**Description**

Power supply/switch board improvements

**Justification**

PERG's 5kV switchboard is over 30 years old and requires replacement. There are no spares and replacement parts are obsolete. This upgrade is needed for backup power which is critical to the landfill's gas collection system. This project does not include an emergency generator.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$500,000       | \$500,000 | \$0     | \$0     | \$0     | \$0                | \$1,000,000          |

\* Through June 30, 2024

# SOLID WASTE

## Fleet Management





**Facility:** Joint Administration Equipment Pool  
**Status:** Planning  
**District:** 02  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Fleet Management  
  
**Total Project Budget:** \$1,984,780  
**Construction Contract Cost:**  
**Funding Source(s):** 1123 - JA Equip Pool Cap  
**Project Start Date:** 07/01/2024  
**Project End Date:** 06/30/2025  
**New Project in FY24/25**

**Description**

Purchase of fleet vehicles and equipment (14) and installation of 46 charging ports.

**Justification**

Scheduled replacement of vehicles and equipment. Installation of EV Charging infrastructure.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$0             | \$1,984,780 | \$0     | \$0     | \$0     | \$0                | \$1,984,780          |

\* Through June 30, 2024



**Facility:** Wastewater Equipment Pool  
**Status:** Planning  
**District:** 02  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Fleet Management

**Total Project Budget:** \$11,067,575  
**Construction Contract Cost:**  
**Funding Source(s):** 1124 - JO Equip Pool Cap  
**Project Start Date:** 07/01/2024  
**Project End Date:** 06/30/2025  
**New Project in FY24/25**

**Description**

Purchase of fleet vehicles and equipment (67) and installation of 68 EV charging ports.

**Justification**

Scheduled replacement of vehicles and equipment. Installation of EV Charging infrastructure.

**Budget Projections**

| Budget to Date* | 2024-25      | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|--------------|---------|---------|---------|--------------------|----------------------|
| \$0             | \$11,067,575 | \$0     | \$0     | \$0     | \$0                | \$11,067,575         |

\* Through June 30, 2024



**Facility:** District Joint Refuse Equipment Pool  
**Status:** Planning  
**District:** 02  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Fleet Management

**Total Project Budget:** \$5,038,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1121 - DJR Equip Pool Cap  
**Project Start Date:** 07/01/2024  
**Project End Date:** 06/30/2025  
**New Project in FY24/25**

**Description**

Purchase of fleet vehicles and equipment (32) and installation of 14 charging ports.

**Justification**

Scheduled replacement of vehicles and equipment. Installation of EV Charging infrastructure.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$0             | \$5,038,000 | \$0     | \$0     | \$0     | \$0                | \$5,038,000          |

\* Through June 30, 2024



**Facility:** Los Angeles County Equipment Pool  
**Status:** Planning  
**District:** 02  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Fleet Management

**Total Project Budget:** \$1,045,650  
**Construction Contract Cost:**  
**Funding Source(s):** 1122 - LAC Equip Pool Cap  
**Project Start Date:** 07/01/2024  
**Project End Date:** 06/30/2025  
**New Project in FY24/25**

**Description**

Purchase of fleet vehicles and equipment (10) and installation of 6 charging ports.

**Justification**

Scheduled replacement of vehicles and equipment. Installation of EV Charging infrastructure.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$0             | \$1,045,650 | \$0     | \$0     | \$0     | \$0                | \$1,045,650          |

\* Through June 30, 2024



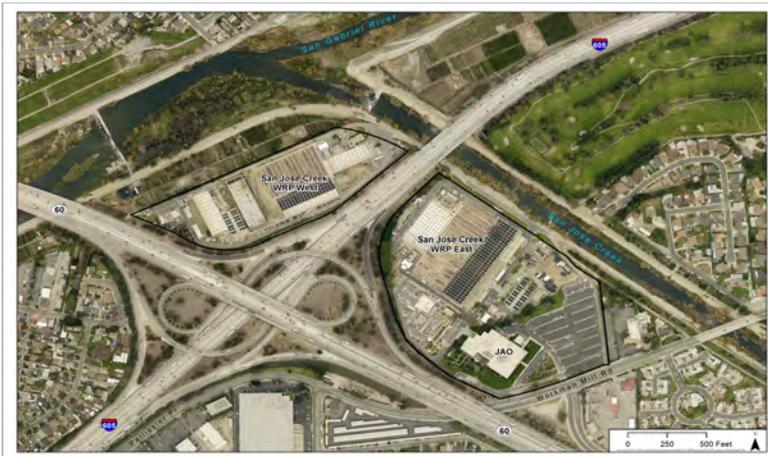
# ADMINISTRATION





# ADMINISTRATION

## Water Reclamation Plants



|                                      |   |
|--------------------------------------|---|
| <b>Facility:</b>                     | San Jose Creek-East Water Reclamation Plant           |
| <b>Status:</b>                       | Design Development                                    |
| <b>District:</b>                     | 02  |
| <b>Project Location:</b>             | 1965 S. Workman Mill Road, Whittier, California 90601 |
| <b>Responsible Section:</b>          | Civil and Mechanical Design                           |
| <b>Total Project Budget:</b>         | \$5,000,000   |
| <b>Construction Contract Cost:</b>   |   |
| <b>Funding Source(s):</b>            | 1128 - JA Capital                                     |
| <b>Project Start Date:</b>           | 07/01/2023  |
| <b>Project End Date:</b>             | 06/30/2027  |
| <b>Continuing Project in FY24/25</b> |   |

## Description

Capital improvements to administration facility

## Justification

### Background

- There are 3 chillers at the JAO Central Plant – Chiller #1 is primary, Chiller #3 is backup (smaller), and Chiller #2 has been out of service for ~1 year due to lack of replacement parts.
- Chillers #1 and #3 had been functioning but are about 20 years old (typical design life is 25-30 years). During the week of July 24, chiller #1 was not functional and chiller #3 couldn't keep up with the load.
- Due to the high temperatures within the building, staff were sent home and JAO was closed to the public until air conditioning could be restored.
- Chiller #1 was restored over the course of several days, but its' components in need of replacement are obsolete. From a lifecycle standpoint, it is better to replace the chillers than to upgrade obsolete components to current versions.

### Proposed Project

- Engineering Dept to complete an expedited project to replace Chillers #1 and #2. Due to the long lead time for new chillers (estimated at approx. 12 months), it is recommended that Design procure the chillers through a PO as District-furnished equipment in parallel with completing design for the chiller installation.
- Engineering Dept should obtain a portable chiller unit ASAP as additional redundancy to prevent future air conditioning failures until the existing chillers can be permanently replaced. Design is evaluating feasibility of plumbing the portable chiller into the existing system to ensure it provides timely redundancy. This portable unit may not be needed during the winter months as Chiller #3 may be sufficient for the winter cooling loads.
- Upon completion of Chillers #1 and #2 replacement, Design will evaluate if Chiller #3 needs to be demolished in order to perform the Chiller #1 and #2 replacement. Design will keep Chiller #3 if it is feasible to do so.

**Budget Projections**

| <b>Budget to Date*</b> | <b>2024-25</b> | <b>2025-26</b> | <b>2026-27</b> | <b>2027-28</b> | <b>2028-29 and beyond</b> | <b>Total Project Budget</b> |
|------------------------|----------------|----------------|----------------|----------------|---------------------------|-----------------------------|
| \$300,000              | \$500,000      | \$3,800,000    | \$400,000      | \$0            | \$0                       | \$5,000,000                 |

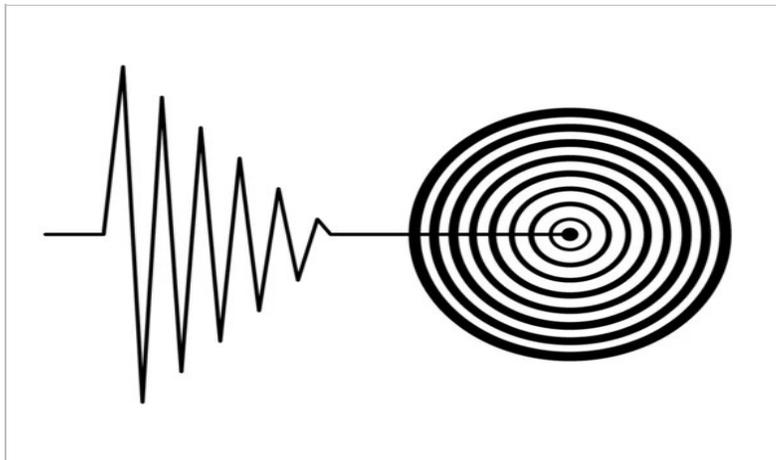
\* Through June 30, 2024



Sanitation  
**Districts**  
of Los Angeles County

**ADMINISTRATION**  
Administration





|                                    |  |
|------------------------------------|--|
| <b>Facility:</b>                   | All Facilities   |
| <b>Status:</b>                     | Planning   |
| <b>District:</b>                   | Joint Outfall  |
| <b>Project Location:</b>           | 1965 S. Workman Mill Road,<br>Whittier, California 90601 |
| <b>Responsible Section:</b>        | Structural, Architectural And<br>Geotechnical Design     |
| <b>Total Project Budget:</b>       | \$473,000,000  |
| <b>Construction Contract Cost:</b> |  |
| <b>Funding Source(s):</b>          | 1134 - TS WW Capital                                     |
| <b>Project Start Date:</b>         | 07/01/2022   |
| <b>Project End Date:</b>           | 06/30/2056   |
| <b>New Project in FY24/25</b>      |  |

**Description**

Evaluation of earthquake resilience at treatment plants

**Justification**

Districts current practice is to construct all new facilities to current code or greater and upgrade any existing facilities during scheduled construction projects. However, this leaves a significant gap in our seismic resiliency for older facilities that have not been modified in more than 20 years. It is important to evaluate the structural integrity of our facilities to protect life safety, to ensure continued operation and thus protection of public health and the environment, and to reduce the cost of necessary repairs to facilities subsequent to a seismic event. A comprehensive construction program to mitigate seismic hazards across the entire Districts will likely require decades of work. This project includes conducting a study of existing conditions, identifying needed mitigation, and prioritizing implementation of construction projects pursuant to a seismic evaluation program.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26     | 2026-27     | 2027-28     | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|-------------|-------------|--------------------|----------------------|
| \$0             | \$2,000,000 | \$2,000,000 | \$2,000,000 | \$2,000,000 | \$465,000,000      | \$473,000,000        |

\* Through June 30, 2024



**Facility:** Joint Administration Office  
**Status:** Planning  
**District:** Joint Administration  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Information Technology  
  
**Total Project Budget:** \$12,700,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1128 - JA Capital  
**Project Start Date:** 05/01/2023  
**Project End Date:** 12/31/2026  
**Continuing Project in FY24/25**

**Description**

Capital improvements to information technology

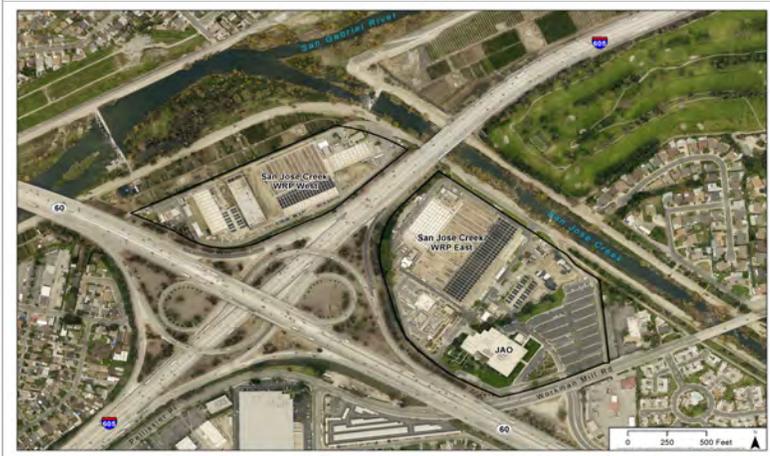
**Justification**

EAM Implementation - will be utilized to collect product requirements and conduct a product selection for a new EAM platform to replace the existing Oracle Work and Asset Management (WAM) system. This task may no longer require funding for vendor support, but will include staff time that will be moved from other projects and tasks.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26     | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|---------|---------|--------------------|----------------------|
| \$9,800,000     | \$1,200,000 | \$1,700,000 | \$0     | \$0     | \$0                | \$12,700,000         |

\* Through June 30, 2024



**Facility:** Joint Administration Office  
**Status:** Construction  
**District:** Joint Administration  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Construction Management

**Total Project Budget:** \$4,285,000  
**Construction Contract Cost:** \$3,540,000  
**Funding Source(s):** 1128 - JA Capital  
**Project Start Date:** 01/01/2019  
**Project End Date:** 12/30/2024  
**Finishing Project in FY24/25**

**Description**

Capital improvements to administration facility

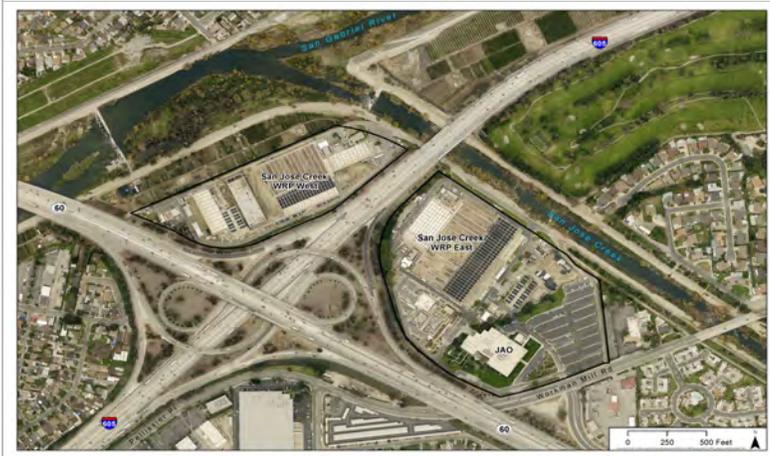
**Justification**

This project will provide improvements to ease pedestrian traffic and increase pedestrian safety in the Joint Administration Office (JAO) employee parking lot, Americans with Disabilities Act (ADA) compliance improvements in the employee and visitor parking lots, and security improvements to the front of JAO. The scope of work for this project includes installation of concrete walkways and ADA ramps, installation of safety barriers around the JAO building, installation of an ADA ramp, steps, and other aesthetic modifications at the JAO main entrance, and the associated paving and landscaping improvements.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|---------|---------|---------|--------------------|----------------------|
| \$2,385,000     | \$1,900,000 | \$0     | \$0     | \$0     | \$0                | \$4,285,000          |

\* Through June 30, 2024



**Facility:** Joint Administration Office  
**Status:** Construction  
**District:** Joint Administration  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Construction Management

**Total Project Budget:** \$9,500,000

**Construction Contract Cost:** \$7,823,850

**Funding Source(s):** 1128 - JA Capital

**Project Start Date:** 06/01/2017

**Project End Date:** 12/31/2025

**Continuing Project in FY24/25**

**Description**

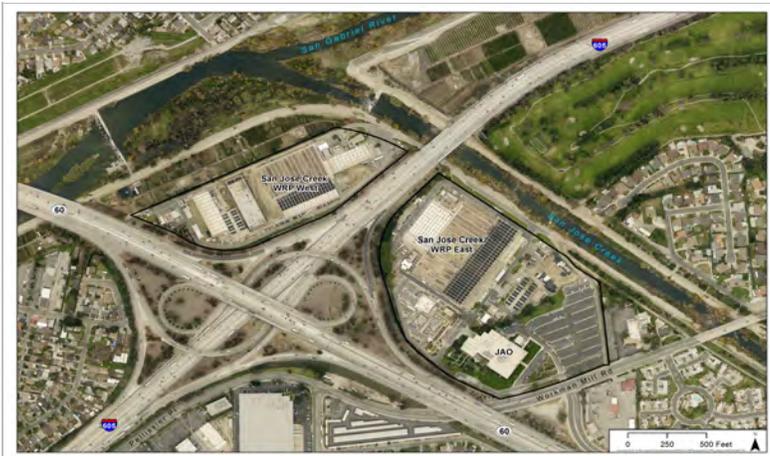
Capital improvements to administration facility

**Justification**

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26   | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-----------|---------|---------|--------------------|----------------------|
| \$5,700,000     | \$3,000,000 | \$800,000 | \$0     | \$0     | \$0                | \$9,500,000          |

\* Through June 30, 2024



**Facility:** Joint Administration Office  
**Status:** Planning  
**District:** Joint Administration  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Planning

**Total Project Budget:** \$1,100,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1128 - JA Capital  
**Project Start Date:** 07/01/2018  
**Project End Date:** 06/30/2026  
**Finishing Project in FY24/25**

**Description**

Infrastructure improvements

**Justification**

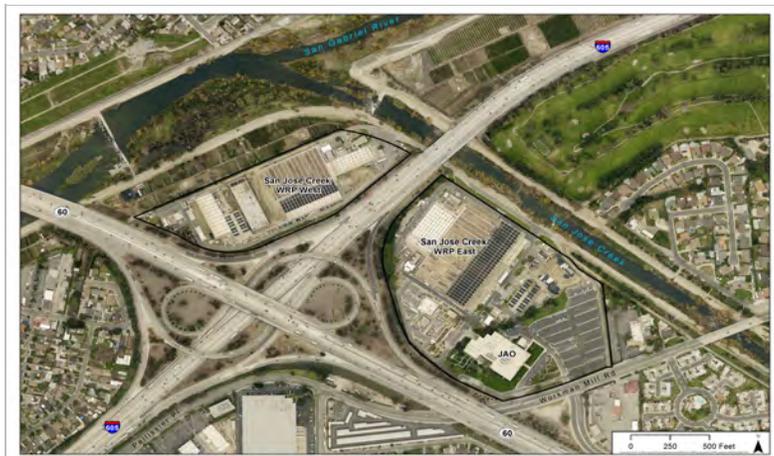
The following building improvements have been recommended as security measures to provide a safer environment for Districts staff and Board Members:

- Enclose the breezeway
- Automated badge readers/security gates
- Ballistic glass for Front Office windows
- Front Office secure door system
- Floor-to-ceiling doors separating the lobby from the hallway
- Guard Post Station for main entrance

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$1,000,000     | \$100,000 | \$0     | \$0     | \$0     | \$0                | \$1,100,000          |

\* Through June 30, 2024



**Facility:** Joint Administration Office  
**Status:** Design Development  
**District:** Joint Administration  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Civil and Mechanical Design

**Total Project Budget:** \$6,000,000

**Construction Contract Cost:**

**Funding Source(s):** 1128 - JA Capital

**Project Start Date:** 07/01/2017

**Project End Date:** 06/30/2027

**Continuing Project in FY24/25**

**Description**

Capital improvements to administration facility

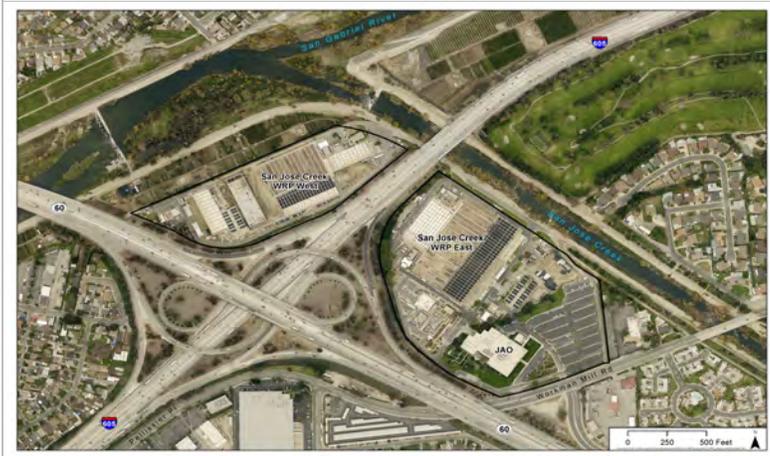
**Justification**

Based on an evaluation by Engineering Design, The JAO parking lot pavement will be at the end of its design life around 2024/25 and should be replaced. This project will include some redesign work to consider newer storm water runoff requirement and to implement, where feasible storm water conservation best management practices. The project will also include new landscape, EV chargers, lighting and security within the parking lot area.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26     | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|-------------|-------------|---------|--------------------|----------------------|
| \$400,000       | \$500,000 | \$2,600,000 | \$2,500,000 | \$0     | \$0                | \$6,000,000          |

\* Through June 30, 2024



**Facility:** Joint Administration Office  
**Status:** Design Development  
**District:** Joint Administration  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Civil and Mechanical Design

**Total Project Budget:** \$800,000

**Construction Contract Cost:**

**Funding Source(s):** 1128 - JA Capital

**Project Start Date:** 07/01/2022

**Project End Date:** 06/30/2027

**Continuing Project in FY24/25**

**Description**

Capital improvements to administration facility

**Justification**

The air handler for the HVAC system for the back of the JAO building was installed in the early 1990s and has about 25-30 years of service life. Replacing the air handler is recommended over the next few years as the existing unit has reached the end of its service life.

**Budget Projections**

| Budget to Date* | 2024-25  | 2025-26   | 2026-27  | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|----------|-----------|----------|---------|--------------------|----------------------|
| \$80,000        | \$70,000 | \$600,000 | \$50,000 | \$0     | \$0                | \$800,000            |

\* Through June 30, 2024



**Facility:** Joint Administration Office  
**Status:** Planning  
**District:** Joint Administration  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Information Technology

**Total Project Budget:** \$270,000

**Construction Contract Cost:**

**Funding Source(s):** 1128 - JA Capital

**Project Start Date:** 05/23/2023

**Project End Date:** 06/30/2025

**Finishing Project in FY24/25**

**Description**

Improve emergency communication services - regulatory requirement per LBBS recommendation.

**Justification**

Improve emergency communication services - Regulatory requirement as per LBBS recommendation.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$150,000       | \$120,000 | \$0     | \$0     | \$0     | \$0                | \$270,000            |

\* Through June 30, 2024



**Facility:** Joint Administration Office  
**Status:** Planning  
**District:** Joint Administration  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Information Technology

**Total Project Budget:** \$194,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1128 - JA Capital  
**Project Start Date:** 02/01/2024  
**Project End Date:** 06/30/2026  
**New Project in FY24/25**

**Description**

Assists in organizing emails more efficiently

**Justification**

eDOCS Email Filing, will help the Districts effortlessly organize emails by client, matter or project using Microsoft Outlook folders. It is a set of Microsoft Outlook based tools that makes it simple and easy for staff to save email into their existing DM solution. Thus it makes it easy for the District staff to be in compliance with Records Management Policy.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$0             | \$194,000 | \$0     | \$0     | \$0     | \$0                | \$194,000            |

\* Through June 30, 2024



**Facility:** Joint Administration Office  
**Status:** Planning  
**District:** Joint Administration  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Information Technology  
  
**Total Project Budget:** \$525,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1128 - JA Capital  
**Project Start Date:** 07/01/2024  
**Project End Date:** 06/30/2025  
**New Project in FY24/25**

**Description**

Provides automated and auditable processes for purchase requisition generation

**Justification**

Contract Lifecycle Management (CLM) is a fully integrated procure-to-pay system. It provides automated and auditable processes from purchase requisition (PR) generation through solicitation to entitlement to payments. With an integrated view of finance, acquisition, and supply it facilitates the ultimate closeout of the award.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$0             | \$525,000 | \$0     | \$0     | \$0     | \$0                | \$525,000            |

\* Through June 30, 2024



**Facility:** Joint Administration Office  
**Status:** Planning  
**District:** Joint Administration  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Information Technology

**Total Project Budget:** \$700,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1128 - JA Capital  
**Project Start Date:** 07/01/2024  
**Project End Date:** 12/31/2025  
**New Project in FY24/25**

**Description**

Improve IT infrastructure to provide a redundant network link.

**Justification**

IT infrastructure - provide a redundant network link for all Districts sites-wide area network.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$0             | \$700,000 | \$0     | \$0     | \$0     | \$0                | \$700,000            |

\* Through June 30, 2024



**Facility:** Joint Administration Office  
**Status:** Planning  
**District:** Joint Administration  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Information Technology

**Total Project Budget:** \$9,600,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1128 - JA Capital  
**Project Start Date:** 08/31/2023  
**Project End Date:** 08/31/2026  
**Continuing Project in FY24/25**

**Description**

Secondary data center to improve reliability of IT systems

**Justification**

District Information Technology Strategic Plan (ITSP) is developed in partnership with CGR Management Consultant. ITSP recommends a "2+1" datacenter strategy should be implemented so that services are provided from 2 datacenters, with the ability to recover a third, possible cloud-based. This project addresses the recommended secondary datacenter. The secondary datacenter will help to enhance business continuity, reduce maintenance and unexpected outage durations, provide redundancy and failover for the Districts business systems.

**Budget Projections**

| Budget to Date* | 2024-25     | 2025-26     | 2026-27     | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-------------|-------------|-------------|---------|--------------------|----------------------|
| \$400,000       | \$1,000,000 | \$4,000,000 | \$4,200,000 | \$0     | \$0                | \$9,600,000          |

\* Through June 30, 2024



**Facility:** Joint Administration Office  
**Status:** Planning  
**District:** Joint Administration  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Information Technology  
  
**Total Project Budget:** \$425,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1128 - JA Capital  
**Project Start Date:** 07/01/2023  
**Project End Date:** 06/30/2025  
**Finishing Project in FY24/25**

**Description**

IT service management platform

**Justification**

The core IT strategy recommended in Information Technology Strategic Plan (ITSP) built in partnership with CGR Management Consultants is move away from fulfillment model to service model. To attain the proposed maturity in IT services, ServiceNow IT Service Management is a component in transforming the Districts core IT strategy.

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$175,000       | \$250,000 | \$0     | \$0     | \$0     | \$0                | \$425,000            |

\* Through June 30, 2024



**Facility:** Joint Administration Office  
**Status:** Planning  
**District:** Joint Administration  
**Project Location:** 1965 S. Workman Mill Road, Whittier, California 90601  
**Responsible Section:** Information Technology

**Total Project Budget:** \$330,000  
**Construction Contract Cost:**  
**Funding Source(s):** 1128 - JA Capital  
**Project Start Date:** 01/22/2024  
**Project End Date:** 12/31/2025  
**New Project in FY24/25**

**Description**

Capital improvements to information technology

**Justification**

"Veronis User Behavior Analytics" will be utilized to implement the Veronis security solution across the Districts' network. Veronis was recommended by Kroll security for automatically identifying irregular user behavior on the network. Such activity can be an indicator of improper staff activity or the unauthorized access/activity of an adversary on the network. LMNTRIX (the Districts' Managed Security Provider) views the Veronis acquisition as a positive purchase that will bring additional security capabilities that are complementary to the LMNTRIX service

**Budget Projections**

| Budget to Date* | 2024-25   | 2025-26 | 2026-27 | 2027-28 | 2028-29 and beyond | Total Project Budget |
|-----------------|-----------|---------|---------|---------|--------------------|----------------------|
| \$0             | \$330,000 | \$0     | \$0     | \$0     | \$0                | \$330,000            |

\* Through June 30, 2024



**LOS ANGELES COUNTY  
SANITATION DISTRICTS**  
*Converting Waste Into Resources*