

# Appendix C

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Projects by Member Agency



APPENDIX C  
PROJECTS BY MEMBER AGENCY

Project Number	Project Name	Project Type	Construction Start (Month Year)	Construction End (Month Year)
<b>County of Orange (Unincorporated)</b>				
7-65	Gisler-Red Hill Interceptor Rehabilitation	Rehab	Sep 2022	Dec 2024
7-66	Sunflower and Red Hill Interceptor Rehab/Repair	Rehab	Mar 2021	May 2022
7-67	Main Street Pump Station Replacement and Force Main Rehabilitation	Rehab	August 2022	July 2024
X-066	Tustin-Orange Interceptor Sewer at Reach 18 Rehabilitation	Rehab	Jul 2034	Dec 2036
X-082	North Trunk Improvement Project	Replace	May 2024	Nov 2025
X-078	Air Jumper Additions and Rehabilitation*	Rehab	May 2023	Nov 2032
<b>Anaheim</b>				
X-063	South Santa Ana River Interceptor Connector Rehabilitation	Rehab	Jun 2029	Dec 2031
X-086	Santa Ana River Sewer Relief	Replace	Sep 2034	Aug 2037
X-078	Air Jumper Additions and Rehabilitation*	Rehab	May 2023	Nov 2032
<b>Buena Park</b>				
X-078	Air Jumper Additions and Rehabilitation*	Rehab	May 2023	Nov 2032
<b>Orange</b>				
2-49	Taft Branch Sewer Improvements	Replace	Feb 2028	Sept 2029
X-065	Tustin-Orange Interceptor Sewer at Reach 17 Rehabilitation	Rehab	Dec 2031	Dec 2032
X-066	Tustin-Orange Interceptor Sewer at Reach 18 Rehabilitation	Rehab	Jul 2034	Dec 2036
X-068	North Trunk Rehabilitation	Rehab	Jun 2037	Dec 2037
X-078	Air Jumper Additions and Rehabilitation*	Rehab	May 2023	Nov 2032
<b>Costa Mesa</b>				
7-65	Gisler-Red Hill Interceptor Rehabilitation	Rehab	Sep 2022	Dec 2024
7-66	Sunflower and Red Hill Interceptor Rehab/Repair	Rehab	Mar 2021	May 2022
7-67	Main Street Pump Station Replacement and Force Main Rehabilitation	Rehab	August 2022	July 2024
X-026	College Ave. Force Main Rehabilitation	Rehab	Nov 2027	Jan 2028
X-040	College Avenue Pump Station Replacement	Replace	Oct 2036	Dec 2037
X-076	Santa Ana Trunk Sewer Rehabilitation Phase II	Rehab	Oct 2023	Apr 2026
X-078	Air Jumper Additions and Rehabilitation*	Rehab	May 2023	Nov 2032
X-082	North Trunk Improvement Project	Replace	May 2024	Nov 2025

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<b>Cypress</b>				
X-078	Air Jumper Additions and Rehabilitation*	Rehab	May 2023	Nov 2032
<b>Fountain Valley (Collection System Projects)</b>				
X-076	Santa Ana Trunk Sewer Rehabilitation Phase II	Rehab	Oct 2023	Apr 2026
X-078	Air Jumper Additions and Rehabilitation*	Rehab	May 2023	Nov 2032
<b>Fountain Valley (Plant 1 Projects)</b>				
J-120	Plantwide Miscellaneous Process Control Systems Upgrades	Replace	Oct 2024	Oct 2029
J-121	UPS System Upgrades	Replace	Feb 2027	Aug 2028
J-133	Laboratory Rehabilitation or Replacement at Plant 1	Rehab	Oct 2024	Apr 2026
J-98	Plantwide Miscellaneous Electrical Power Distribution System Improvements	Replace	Mar 2021	Dec 2037
P1-126	Primary Clarifiers Replacements and Improvements	Replace	Jun 2024	Mar 2029
P1-127	Central Generation Rehabilitation	Rehab	Nov 2031	Dec 2034
P1-135	Digester Ferric Piping Replacement	Replace	Apr 2023	Apr 2025
X-006	Waste Side-Stream Pump Station 1 Upgrade	Rehab	Nov 2035	Nov 2037
X-015	Trickling Filters Rehabilitation	Rehab	Apr 2034	Jun 2037
X-017	Primary Clarifiers 6-37	Rehab	Mar 2029	Mar-2033
X-018	Activated Sludge 2 Rehabilitation	Rehab	Apr 2037	Dec 2040
X-038	City Water Pump Station Rehabilitation	Rehab	Oct 2031	Dec 2032
X-039	Plant Water Pump Station Rehabilitation	Rehab	Oct 2036	Dec 2037
X-043	DAFT Demolition	Misc (Demo)	Apr 2032	Dec 2032
X-044	Steve Anderson Lift Station Rehabilitation	Rehab	Jun 2035	Dec 2036
X-048	Activated Sludge-1 Aeration Basin and Blower Rehabilitation	Rehab	Apr 2027	Mar 2031
X-049	Activated Sludge -1 Clarifier and RAS Pump Station Rehabilitation	Rehab	Oct 2032	Dec 2035
X-057	Plantwide Miscellaneous Yard Structures Rehabilitation or Replacement	Misc	May 2025	Dec 2039
X-058	Plantwide Miscellaneous Yard Piping Replacement	Replace	May 2025	Dec 2039
X-059	Plantwide Miscellaneous Tunnels Rehabilitation	Rehab	May 2025	Dec 2039
X-077	Switchgear Replacement at Central Generation	Replace	Apr 2025	Dec 2026
X-079	Primary Scrubber Rehabilitation	Rehab	May 2036	May 2039
X-090	Network, Telecommunications, and Service Relocation at Plant 1	Misc	2024	2025
X-092	Standby Generator Feeders for Plant No.1 Secondary Systems	Misc	Aug 2026	Feb 2028

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X-093	Administrative Facilities and Power Building 3A Demolition	Misc (Demo)	Nov 2025	Dec 2026
<b>Fullerton</b>				
2-73	Yorba Linda Pump Station Abandonment	Misc	August 2024	May 2025
X-060	Newhope Placentia Chemical Dosing Station	Misc	Jul 2024	Dec 2024
X-078	Air Jumper Additions and Rehabilitation*	Rehab	May 2023	Nov 2032
<b>Garden Grove</b>				
X-067 (X-085)	Hoover-Western Sub-Trunks Sewer Rehabilitation	Rehab	May 2034	Nov 2035
<b>Huntington Beach (Collection System Projects)</b>				
X-071	Edinger / Springdale Trunk Sewer Rehabilitation	Rehab	Oct 2030	Jun 2032
X-078	Air Jumper Additions and Rehabilitation*	Rehab	May 2023	Nov 2032
11-33	Edinger Pumping Station Replacement	Replace	Nov 2026	Nov 2028
11-34	Slater Avenue Pump Station Rehabilitation	Rehab	May 2031	Jun 2033
<b>Huntington Beach (Plant 2 Projects )</b>				
J-120	Plantwide Miscellaneous Process Control Systems Upgrades	Replace	Oct 2024	Oct 2029
J-121	UPS System Upgrades	Replace	Feb 2027	Aug 2028
J-133	Laboratory Rehabilitation or Replacement at Plant 1	Rehab	Oct 2024	Apr 2026
J-98	Plantwide Miscellaneous Electrical Power Distribution System Improvements	Replace	Mar 2021	Dec 2037
P2-119	Central Generation Rehabilitation	Rehab	Nov 2031	Nov 2034
P2-126	Substation and Warehouse Replacement at Plant 2	Misc	Dec 2022	Nov 2024
P2-138	Operations and Maintenance Complex at Plant 2	Replace	2021	2022
X-007	Waste Side-Stream Pump Station 2A Upgrade	Rehab	May 2031	Nov 2032
X-014	Trickling Filter Solids-Contact Odor Control	Misc	Jan 2036	Dec 2036
X-030	Headworks Rehabilitation	Rehab	Jun 2036	Jun 2040
X-031	Trickling Filter Solids-Contact Rehabilitation	Rehab	Apr 2037	Dec 2040
X-032	Truck Loading Facility Rehabilitation	Rehab	Oct 2026	Dec 2028
X-034	Sodium Bisulfite Station Replacement and Bleach Station Demolition	Replace	May 2027	Jan 2028
X-036	City Water Pump Station Rehabilitation	Rehab	Nov 2031	Jul 2032
X-037	Plant Water Pump Station and 12 kV Distribution Center A Demolition	Misc (Demo)	Oct 2032	Jun 2033
X-050	Activated Sludge Aeration Basin	Rehab	Oct 2024	Dec 2027
X-052	Activated Sludge RAS/WAS/PEPS/Vaporizers Rehabilitation	Rehab	Apr 2036	Dec 2038

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X-054	Waste Side-Stream Pump Station C Rehabilitation	Rehab	Oct 2026	Dec 2027
X-057	Plantwide Miscellaneous Yard Structures Rehabilitation or Replacement	Misc	May 2025	Dec 2039
X-058	Plantwide Miscellaneous Yard Piping Replacement	Replace	May 2025	Dec 2039
X-059	Plantwide Miscellaneous Tunnels Rehabilitation	Rehab	May 2025	Dec 2039
<b>Irvine</b>				
7-64	Main Street Pump Station Rehabilitation	Rehab	Sep 2031	Sep 2033
7-65	Gisler-Red Hill Interceptor Rehabilitation	Rehab	Sep 2022	Dec 2024
7-66	Sunflower and Red Hill Interceptor Rehab/Repair	Rehab	Mar 2021	May 2022
<b>La Habra</b>				
X-061	Imperial Highway Relief Interceptor Rehabilitation	Rehab	Dec 2036	Dec 2038
X-078	Air Jumper Additions and Rehabilitation*	Rehab	May 2023	Nov 2032
<b>La Mirada</b>				
X-078	Air Jumper Additions and Rehabilitation*	Rehab	May 2023	Nov 2032
<b>La Palma</b>				
X-078	Air Jumper Additions and Rehabilitation*	Rehab	May 2023	Nov 2032
<b>Newport Beach</b>				
5-66	Crystal Cove Pumping Station Upgrade and Rehabilitation	Rehab	Jan 2037	Feb 2038
5-68	Newport Beach Pump Station Odor Control Improvements	Misc	Mar 2021	Jun 2023
7-63	MacArthur Pump Station Rehabilitation	Rehab	Nov 2031	May 2033
7-68	MacArthur Dual Force Main Improvements	Rehab	Dec 2022	Jan 2024
X-022	15th Street Pump Station Rehabilitation	Rehab	Oct 2036	Dec 2037
X-023	Lido Pump Station Rehabilitation	Rehab	Jun 2031	Dec 2032
X-024	Rocky Point Pump Station Rehabilitation	Rehab	Oct 2036	Dec 2037
X-025	Bitter Point Pump Station Rehabilitation	Rehab	Feb 2037	Apr 2038
X-041	A Street Pump Station Rehabilitation	Rehab	Oct 2036	Dec 2037
X-078	Air Jumper Additions and Rehabilitation*	Rehab	May 2023	Nov 2032
<b>Orange</b>				
2-49	Taft Branch Sewer Improvements	Replace	Feb 2028	Sept 2029
X-065	Tustin-Orange Interceptor Sewer at Reach 17 Rehabilitation	Rehab	Dec 2031	Dec 2032

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X-066	Tustin-Orange Interceptor Sewer at Reach 18 Rehabilitation	Rehab	Jul 2034	Dec 2036
X-068	North Trunk Rehabilitation	Rehab	Jun 2037	Dec 2037
X-078	Air Jumper Additions and Rehabilitation*	Rehab	May 2023	Nov 2032
<b>Placentia</b>				
X-078	Air Jumper Additions and Rehabilitation*	Rehab	May 2023	Nov 2032
<b>Santa Ana</b>				
7-66	Sunflower and Red Hill Interceptor Rehab/Repair	Rehab	Mar 2021	May 2022
X-076	Santa Ana Trunk Sewer Rehabilitation Phase II	Rehab	Oct 2023	Apr 2026
X-078	Air Jumper Additions and Rehabilitation*	Rehab	May 2023	Nov 2032
X-083	Greenville-Sullivan Sewer Relief Project	Replace	May 2025	May 2027
X-084	Tustin Avenue Sewer Relief	Replace	May 2033	May 2034
<b>Seal Beach</b>				
3-67	Seal Beach Pump Station Replacement	Replace	Feb 2023	July 2026
3-68	Los Alamitos Sub-Trunk Extension	Misc	Mar 2034	Feb 2036
<b>Stanton</b>				
X-067 (X-085)	Hoover-Western Sub-Trunks Sewer Rehabilitation	Rehab	May 2034	Nov 2035
X-078	Air Jumper Additions and Rehabilitation*	Rehab	May 2023	Nov 2032
<b>Tustin</b>				
X-078	Air Jumper Additions and Rehabilitation*	Rehab	May 2023	Nov 2032
<b>Westminster</b>				
X-067 (X-085)	Hoover-Western Sub-Trunks Sewer Rehabilitation	Rehab	May 2034	Nov 2035
X-078	Air Jumper Additions and Rehabilitation*	Rehab	May 2023	Nov 2032

\*Note: Given the numerous jurisdictions for where Project X-078 would occur, a brief project description is provided herein. Air jumpers are short segments of pipelines constructed parallel to and at a higher elevation than their paired sewer segments, for the purpose of ventilating air from sewer sections that are lower to avoid an obstacle such as a creek (also known as a siphon). Siphons are typically located at stormwater or river channel crossings and where existing utilities could not be avoided during original construction. Without air jumpers, air must be released upstream of the siphon, which can cause upstream odor emissions and potential increase in sewer pipe deterioration. Project X-078 would involve the rehabilitation of air jumpers at multiple locations throughout the Sanitation District's service area. Air jumpers are typically installed underground, and construction would be much like pipeline installation although at a shallower depth, as discussed in further detail below. Air jumpers in this project are all in streets or hanging from bridges. Thus, there would be no new ground disturbance as equipment would be placed through existing manholes or on the sides of bridges. While the duration of the project would occur from 2023-2032 as air jumpers are installed at each location, project work at individual locations would be much briefer, typically occurring within several days to weeks.

