

Public Utilities



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Public Utilities

The Public Utilities Department (PUD) provides water, wastewater, and recycled water services to approximately 1.4 million water customers and 3.0 million wastewater customers within the San Diego region. The Department's Capital Improvements Program (CIP) supports the infrastructure for reliable water supply, and wastewater collection and treatment.

The water system extends over 404 square miles with potable water deliveries of approximately 175,000 acres feet per year. This system includes 49 water pump stations, 29 treated water storage facilities, nine surface reservoirs, three water treatment plants, and approximately 3,300 miles of pipeline. The Department also manages the recycled water system, which includes three pump stations and 99 miles of purple pipe, delivering an annual average of over 9.5 million gallons per day (MGD) for irrigation, manufacturing, and other non-potable uses.

The wastewater system consists of the Municipal (Muni) System and Metropolitan (Metro) System. The Muni System consists of approximately 3,000 miles of pipelines and 77 sewer pump stations and is primarily used to collect and convey wastewater from residences and businesses in the City of San Diego. The Metro System consists of three wastewater treatment plants, one biosolids processing facility, four large pump stations, and two outfalls.

The system provides treatment and disposal services for the City and 12 other agencies and districts within a 450-square mile area, stretching from Del Mar to the north, Alpine and Lakeside to the east, and San Ysidro to the south.

The Department is constructing an innovative water purification program known as Pure Water San Diego. Pure Water San Diego is an integrated water and wastewater capital improvement program. The program is designed to provide a safe, secure, and sustainable local water supply by turning recycled water into drinkable water using water purification technology.

Funding for water and wastewater projects is provided by a variety of sources which can include bond financing, commercial paper financing, water and sewer rates, state revolving fund loans, and grants. Approximately 33 percent of all Metro Fund expenditures are funded by 12 regional Participating Agencies, made up of Cities and special districts in the San Diego Metropolitan Area.

The CIP includes water projects mandated in the Compliance Order from the California Department of Public Health (CDPH), currently known as the State Water Resources Control Board - Division of Drinking Water (DDW). These projects will meet the requirements of the federal Safe Drinking Water Act. In addition, the Department continues to replace/rehabilitate aging infrastructure in compliance with the Clean Water Act.

2024 CIP Accomplishments

As of February 1, 2024, the Department awarded the replacement and rehabilitation of 1.65 sewer miles and 2.01 water miles.

The Public Utilities Department, in collaboration with the Engineering & Capital Projects Department, oversees the design and construction of water, wastewater, and recycled water projects. The following accomplishments occurred in Fiscal Year 2024:

- Construction began on the Lakeside Valve Station Replacement (B17082)
- Construction continues for Morena Dam Spillway Near-Term Repairs (21005333)
- Construction continues for Hodges Near-Term Repairs Improvement Project (210053333B)
- Projects throughout the City of San Diego (distribution, collection, transmission, and treatment)

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The Public Utilities Department has identified the following projects that will assist in achieving the targets set forth within the City's Climate Action Plan:

- Advanced Metering Infrastructure Project (S17008)
- North City Water Reclamation Plant Improvements to 30 MGD project (S17012)
- Pure Water Program (ALA00001)
- Pure Water Program Phase 2 (ALA00002)

The following accomplishments were reached on the Pure Water Program:

- Reached 50% construction complete milestone for Phase 1 Program
- Began PWP Phase 2 Central Area Small-Scale Facility construction (B21151)
- Awarded PWP Phase 2 Program Management consultant contract
- Continued Pure Water Independent Advisory Panel activities for PWP Phase 2 regulatory topics and discussions

2025 CIP Goals

In order to achieve the Public Utilities Department goal to provide safe drinking water and to improve its aging infrastructure, the Public Utilities Department continues to award the replacement and rehabilitation of 40 sewer miles and 35 water miles per fiscal year. These capital needs are based on condition assessment results, future demand projections, policies, and regulatory requirements to continue providing reliable service to our customers.

Public Utilities has developed a robust condition assessment program to provide comprehensive assessment coverage for water and wastewater infrastructure including water transmission lines, dams, reservoirs, and large diameter wastewater pipelines. The department started the process of creating an integrated master plan to look comprehensively at all infrastructure managed by the Department. In addition, the department continues its ongoing condition assessment efforts including inspection of 60 to 70 miles of sewer mains per fiscal year. The department anticipates making significant progress on preliminary engineering on a replacement of the Lakes Hodges Dam, as well as other repairs to other key dams, and continue with several key technology projects focused on the department's Distributed Control Systems in 2025.

In Fiscal Year 2025, the PUD anticipates accomplishing the following goals:

- Complete repairs for El Capitan Dam Spillway Near-Term Repairs (11004710)
- Complete repairs for Lower Otay Outlet Tower Repairs (21005173)
- Complete MBC Gas Detect System Replacement (B20121)
- Complete 69th & Mohawk Pump Station (S12011)

In Fiscal Year 2025, the PUD anticipates accomplishing the following goals for the Pure Water Program:

- Continue construction on the PWP North City Water Reclamation Plant Expansion (B21060) & NCWR Influent Pump Station and Pipeline (B16140), the Flow Equalization Basin (B21059), Metro Biosolids Center Improvements (B17006), Morena Pump Station (B21061), Morena Conveyance Northern Alignment (B15141), Morena Conveyance South & Middle Pipelines (B15141), North City Pure Facility (B15139) and Pure Water Pump Station (B15140), Pure Water Pipeline and De-

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Chlorination Facility and Miramar Reservoir Pump Station Improvements and the Penasquitos Pump Station Oxygenation System (B21001).

- Continue activities for the Pure Water Independent Advisory Panel



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Public Utilities: Capital Improvement Projects

Project	Prior Fiscal Years	FY 2025 Proposed	Future Fiscal Years	Project Total
30th Street Pipeline Replacement / S12010	\$ 33,503,592	\$ -	\$ -	\$ 33,503,592
69th & Mohawk Pump Station / S12011	18,338,594	-	-	18,338,594
Advanced Metering Infrastructure / S17008	73,996,101	-	52,539,224	126,535,325
Alvarado 2nd Extension Pipeline / S12013	36,878,418	35,000,000	85,080,115	156,958,533
Alvarado Laboratory Improvements / L22000	13,291,000	10,000,000	96,932,000	120,223,000
Alvarado Trunk Sewer Phase IV / S15019	8,553,092	14,263,455	49,533,453	72,350,000
Alvarado WTP Filter Gallery Piping Repl / S24000	500,000	1,400,000	13,760,000	15,660,000
Barret Dam Outlet Bulkhead & Drawdown Improvements / S24002	4,000,000	2,000,000	11,500,000	17,500,000
Cielo & Woodman Pump Station / S12012	9,878,000	-	8,644,000	18,522,000
Corrosion Control / AKA00001	800,000	-	388,981	1,188,981
Dams & Reservoirs Security Improvements / S22013	13,556,860	-	16,443,140	30,000,000
East Cty Residuals Line & Mission Gorge Force Main / RD23001	57,183,804	-	-	57,183,804
El Camino Real Pipeline / L23001	1,700,000	2,402,405	4,248,282	8,350,687
El Monte Pipeline No 2 / S10008	12,648,000	20,000,000	18,015,789	50,663,789
EMTS Boat Dock Esplanade / S00319	3,430,851	-	-	3,430,851
Enviro Monitoring Tech Svcs Div Lab Remodel at NTC / S21003	5,400,000	-	48,725,501	54,125,501
Freeway Relocation / AKB00002	1,097,619	-	-	1,097,619
Groundwater Asset Development Program / ABM00001	495,329	-	-	495,329
Harbor Drive Trunk Sewer / S18006	37,700,000	6,500,000	-	44,200,000
Kearny Mesa Trunk Sewer / L24004	6,450,000	8,550,000	10,886,587	25,886,587
Kearny Villa Rd Pipeline / S23001	500,000	-	47,900,000	48,400,000
La Jolla Scenic Drive 16inch Main / S12009	12,348,000	-	-	12,348,000
La Jolla View Reservoir / S15027	6,217,501	-	4,782,500	11,000,001
Lake Hodges Dam Replacement / S23002	7,500,000	20,402,630	247,097,370	275,000,000
Lakeside Valve Station Replacement / S22003	23,757,782	31,944,673	-	55,702,455
Large Diameter Water Transmission PPL / AKA00003	56,418,532	11,152,353	18,134,747	85,705,632
Lower Otay Dam Outlet Improvements / S24003	4,500,000	2,000,000	17,890,000	24,390,000
MBC Equipment Upgrades / S17013	52,780,392	3,415,585	3,544,789	59,740,766
Metropolitan System Pump Stations / ABP00002	12,269,270	849,792	64,492,185	77,611,247
Metropolitan Waste Water Department Trunk Sewers / AJB00001	13,086,623	-	33,978,215	47,064,838
Metro Treatment Plants / ABO00001	40,268,092	11,993,421	44,538,931	96,800,444
Miramar Clearwell Improvements / S11024	120,328,744	-	-	120,328,744
Miramar WTP Residuals Redirection / S23012	200,000	1,572,000	32,338,000	34,110,000
Montezuma/Mid-City Pipeline Phase II / S11026	52,092,200	11,000,000	-	63,092,200
Morena Dam Upstream Face Replacement / S24001	2,500,000	-	14,275,000	16,775,000
Morena Pipeline / S16027	50,813,263	6,860,195	36,336,805	94,010,263
Murphy Canyon Trunk Sewer Repair/Rehab / S22014	17,957,388	19,000,000	14,642,612	51,600,000
NCWRP Improvements to 30 mgd / S17012	36,665,485	1,189,986	3,979,397	41,834,868
North/South Metro Interceptors Rehabilitation / S22001	3,500,000	-	28,460,000	31,960,000
Otay 1st/2nd PPL West of Highland Avenue / S12016	31,890,500	-	400,000	32,290,500
Otay 2nd Pipeline Phase 4 / S20001	4,400,000	500,000	33,108,900	38,008,900

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Project	Prior Fiscal Years	FY 2025 Proposed	Future Fiscal Years	Project Total
Otay 2nd Pipeline Steel Replacement Ph 5 / S21000	4,800,000	-	25,329,000	30,129,000
Otay 2nd PL Relocation-PA / L24001	16,846,171	-	11,247,053	28,093,224
Otay Water Treatment Plant Upgrade Ph 3 / S23003	500,000	-	31,500,000	32,000,000
Pacific Beach Pipeline South (W) / S12015	44,359,933	-	-	44,359,933
Pipeline Rehabilitation / AJA00002	95,849,603	16,813,198	28,147,977	140,810,778
Pressure Reduction Facility Upgrades / AKA00002	9,212,101	-	10,688,595	19,900,696
PS 1 & 2 Improvements & Modernization / L24000	5,200,000	-	49,886,964	55,086,964
PS2 Power Reliability & Surge Protection / S00312	76,100,800	-	-	76,100,800
Pump Station Restorations / ABP00001	10,638,124	-	20,047,486	30,685,610
Pure Water Phase 2 / ALA00002	63,736,568	-	3,625,000,000	3,688,736,568
Pure Water Pooled Contingency / P19002	59,460,646	-	-	59,460,646
Pure Water Program / ALA00001	1,366,340,634	100,518,379	118,017,080	1,584,876,093
Rancho Bernardo Industrial Pump Stn Replacement / S21004	3,200,000	3,498,000	6,500,000	13,198,000
Recycled Water Systems Upgrades / AHC00004	50,000	-	-	50,000
Sewer CIP Emergency Reserve / ABT00007	10,000,000	-	-	10,000,000
Sewer Main Replacements / AJA00001	478,608,455	78,027,532	275,271,963	831,907,950
South San Diego Reservoir Replacement / S23004	500,000	-	45,100,000	45,600,000
Standpipe and Reservoir Rehabilitations / ABL00001	22,501,824	2,902,640	16,436,308	41,840,772
Tecolote Canyon Trunk Sewer Improvement / S15020	9,180,000	18,000,000	27,274,379	54,454,379
TH 16" Water Mains / RD21007	482,590	-	147,689	630,279
Tierrasanta (Via Dominique) Pump Station / S12040	18,918,996	-	-	18,918,996
University Ave Pipeline Replacement / S11021	29,800,000	-	-	29,800,000
Upas St Pipeline Replacement / S11022	36,665,020	-	-	36,665,020
Water CIP Emergency Reserve / ABT00008	5,000,000	-	-	5,000,000
Water Main Replacements / AKB00003	624,228,045	122,689,387	361,154,076	1,108,071,508
Water Pump Station Restoration / ABJ00001	29,906,119	2,200,000	5,318,375	37,424,494
Water SCADA IT Upgrades / T22001	7,700,000	-	8,400,000	16,100,000
Water & Sewer Group Job 816 (W) / S13015	16,199,392	-	-	16,199,392
Water Treatment Plants / ABI00001	20,964,207	5,545,571	7,852,555	34,362,333
Total	\$ 3,956,344,262	\$ 572,191,202	\$ 5,735,916,023	\$ 10,264,451,487

Public Utilities – Preliminary Engineering Projects

Pure Water Pooled Contingency / P19002

Priority Category: High

Priority Score: 85

Expenditure by Funding Source					
Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	Project
Metro Sewer Utility - CIP Funding Source	700009	\$ -	\$ 17,066,462	\$ -	\$ 17,066,462
Water Utility - CIP Funding Source	700010	-	42,394,184	-	42,394,184
Total		\$ -	\$ 59,460,646	\$ -	\$ 59,460,646



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30th Street Pipeline Replacement / S12010

Water - Distribution Sys - Transmission

Council District:	3 8 9	Priority Score:	87
Community Planning:	Greater North Park; Greater Golden Hill; Southeastern San Diego	Priority Category:	High
Project Status:	Warranty	Contact Information:	Ramos-Banuelos, Jaime
Duration:	2014 - 2024		619-533-5103
Improvement Type:	Replacement		jramosbanuel@sandiego.gov

Description: This project will replace approximately 5.11 miles of existing cast iron mains from Polk Avenue to Commercial Street. Also, it will update the transmission and distribution system in the University Heights (390 Zone) to meet its current and future needs.

Justification: This project will replace the cast iron pipe, provide supply reliability to the south end of the 390 Zone and improve water quality.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with the Greater North Park, Greater Golden Hill, and Southeastern San Diego Community Plans and is in conformance with the City's General Plan.

Schedule: Design began in Fiscal Year 2014 and was completed in Fiscal Year 2017. Construction began in Fiscal Year 2018 and was substantially completed in Fiscal Year 2022. Remaining construction activities were completed in Fiscal Year 2024.

Summary of Project Changes: Total project cost decreased by \$115,424 due to revised cost estimate. The project schedule has been updated for Fiscal Year 2025. This project is anticipated to be closed by the end of the fiscal year.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Water Utility - CIP Funding Source	700010	\$ 32,399,837	\$ 1,103,754	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,503,592
Water Utility Operating Fund	700011	(1,163)	1,163	-	-	-	-	-	-	-	-	-
Total		\$ 32,398,674	\$ 1,104,917	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,503,592

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69th & Mohawk Pump Station / S12011

Bldg - Water - Pump Stations

Council District:	4 9	Priority Score:	74
Community Planning:	College Area; Mid-City: Eastern Area	Priority Category:	Medium
Project Status:	Warranty	Contact Information:	Van Martin, Debbie
Duration:	2013 - 2026		619-533-6651
Improvement Type:	Expansion		dvanmartin@sandiego.gov

Description: This project provides for a new pump station at the corner of 69th Street and Mohawk Street. The new pump station is to feed water to the 645 Redwood Village Pressure Zone.

Justification: This project is to replace the existing 40-year-old Montezuma Pump Station for Redwood Village which is reaching the end of its lifecycle.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with College Area and Mid-City: Eastern Area Community Plans and is in conformance with the City's General Plan.

Schedule: Design was completed in Fiscal Year 2017. Construction began in Fiscal Year 2017 and project was substantially completed in Fiscal Year 2024. The project is anticipated to be closed by Fiscal Year 2026 upon completion of the pending closeout activities.

Summary of Project Changes: \$500,000 in Water Utility - CIP funding was allocated to this project in Fiscal Year 2024 via City Council resolution. The total project costs decreased by \$500,000 due to revised cost estimates. The project description and schedule have been updated for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025 Anticipated	FY 2026	FY 2027	FY 2028	FY 2029	Future FY	Unidentified Funding	Project Total
Water Utility - CIP Funding Source	700010	\$ 17,492,470	\$ 846,123	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18,338,594
Total		\$ 17,492,470	\$ 846,123	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18,338,594

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Advanced Metering Infrastructure / S17008

Bldg - Other City Facility / Structures

Council District:	Citywide	Priority Score:	59
Community Planning:	Citywide	Priority Category:	Low
Project Status:	Continuing	Contact Information:	Davenport, Rachel
Duration:	2017 - 2031		619-527-3110
Improvement Type:	Betterment		rdavenport@sandiego.gov

Description: This project deploys Smart Metering Infrastructure (and) technology to approximately 280,000 water meters citywide. The technology allows water meters to be read electronically rather than by direct visual inspection by field staff, which improves the accuracy of the meter readings. Smart Metering offers several benefits, including mitigating human error in meter readings, automatically detecting leaks, and allowing customers to monitor their own hourly water consumption. This enhances customer service and assists customers with water conservation. This project also helps to implement the City's Climate Action Plan.

Justification: This project streamlines the collection of water meter information, provides near real time data, assists with promptly solving water usage and billing questions and provides customers with a tool to conserve and manage their water consumption.

Operating Budget Impact: As the project develops and progresses, operating impacts will be identified.

Relationship to General and Community Plans: This project is consistent with applicable community plans, is in conformance with the City's General Plan and helps to implement the City's Climate Action Plan.

Schedule: Design began in Fiscal Year 2012, which carried out an initial Pilot Program of approximately 11,000 metered connections between Fiscal Years 2013 – 2015. In Fiscal Year 2019 the citywide implementation approach, project budget and timeline for the remaining approximately 270,000 meters were re-evaluated to address productivity issues and take corrective actions, as needed, to guide the rest of the implementation. A contractor was successfully onboarded in Fiscal Year 2024 and is currently reassessing the project and formulating a deployment plan. Implementation of deployment plan is anticipated to begin in Fiscal Year 2027.

Summary of Project Changes: The project schedule has been updated for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Grant Fund-Enterprise-Federal	710000	\$ 7,283	\$ 992,395	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 999,679
Muni Sewer Utility - CIP Funding Source	700008	11,979,126	9,919,800	-	-	3,725,238	5,353,494	6,683,035	-	-	-	37,660,693
Water Utility - CIP Funding Source	700010	29,074,504	22,022,992	-	-	8,692,223	12,491,487	15,593,747	-	-	-	87,874,953
Total		\$ 41,060,913	\$ 32,935,187	\$ -	\$ -	\$ 12,417,461	\$ 17,844,981	\$ 22,276,782	\$ -	\$ -	\$ -	\$ 126,535,325

Public Utilities

Alvarado 2nd Extension Pipeline / S12013

Water - Distribution Sys - Transmission

Council District:	2 7	Priority Score:	78
Community Planning:	Mission Valley; Mission Bay Park; Linda Vista	Priority Category:	Medium
Project Status:	Continuing	Contact Information:	Ramos-Banuelos, Jaime
Duration:	2016 - 2032		619-533-5103
Improvement Type:	Expansion		jramosbanuel@sandiego.gov

Description: The Alvarado 2nd Extension Pipeline project is proposing to build a new 48-inch and a 24-inch main, extending the existing Alvarado 2nd Pipeline westerly, connecting to the new 20-inch Pacific Beach Pipeline along West Mission Bay Dr. (approx. 6.42 miles). A 536 to 390 HGL Pressure Reducing Station (PRS) will be built along the new 30-inch pipeline at the Friars Rd. and Napa St. intersection. This project includes the replacement of all parallel 16-inch AC water mains. The AC mains run along Friars Rd. between Morena Blvd. and East of Mission Center Rd. (approx. 3.90 miles). Total length of this project is approximately 10.32 miles.

Justification: This project was driven by the need to provide redundant transmission to the coastal zones of La Jolla and Pacific Beach for supply reliability. The proposed Alvarado 2nd Pipeline Extension will be the main feed to Pacific Beach Zones. With the new pipeline feeding from the Alvarado Water Treatment Plant (WTP), the San Diego County Water Authority (CWA) treated water intake at San Diego Connection #11, which currently feeds those zones will be greatly reduced. This will also provide supply flexibility between the Alvarado and Miramar WTP Service Areas.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with the Mission Valley, Linda Vista, and Mission Bay Park Community Plans and is in conformance with the City's General Plan.

Schedule: Design is anticipated to be completed in Fiscal Year 2024. Construction is scheduled to begin in Fiscal Year 2025 and is anticipated to be substantially completed in Fiscal Year 2030.

Summary of Project Changes: The total project cost increased by \$11.3 million due to general regional increases in construction cost. The project schedule has been updated for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Water Utility - CIP Funding Source	700010	\$ 10,145,984	\$ 26,732,433	\$ 35,000,000	\$ -	\$ 55,000,000	\$ 15,000,000	\$ 11,000,000	\$ 4,080,115	\$ -	\$ -	\$ 156,958,533
Total		\$ 10,145,984	\$ 26,732,433	\$ 35,000,000	\$ -	\$ 55,000,000	\$ 15,000,000	\$ 11,000,000	\$ 4,080,115	\$ -	\$ -	\$ 156,958,533

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Alvarado Laboratory Improvements / L22000

Bldg - MWWD - Laboratories

Council District:	7	Priority Score:	85
Community Planning:	Navajo	Priority Category:	High
Project Status:	Continuing	Contact Information:	Lozano, Edgar
Duration:	2022 - 2032		619-533-6613
Improvement Type:	Betterment		elozano@sandiego.gov

Description: This project will renovate Alvarado Laboratory to meet State of CA Environmental Laboratory Accreditation Program (ELAP) standards. Phase 1 includes the construction of a new lab building to increase footprint capacity from 52,595 to 73,115 square feet. New lab spaces shall create an open design concept to increase opportunities for communication and collaboration to house the City's drinking water and wastewater chemistry and biology labs. In addition, new space capacity will also accommodate Industrial Wastewater Control Program and Water Systems Operation (WSO) Division staff at Alvarado. Also, a 72" transmission main underneath the existing building will be relocated as part of scope. Phase 1 also includes the design/bridging documents for the existing Lab renovation, design of temporary housing, and design of a 72" transmission main realignment. Phase 2 includes the improvement and retrofitting of the existing lab building and relocation of employees from the existing lab to the new building. Phase 3 includes the installation of temporary trailers to house approximately 20 PUD staff from the Environmental Monitoring & Technical Services Division. In Fiscal Year 2022, this project was converted from standalone project S22000 to an L-project.

Justification: ELAP standards are required to be met for the labs to analyze samples for multiple regulatory programs; failure to meet these standards could jeopardize laboratory certifications, effectively preventing the laboratories from conducting permit-required analyses. Lab testing groups can be reorganized to share common equipment, thus reducing needs for additional lab equipment. Labs shall have independently functioning climate control systems to minimize possibility of contamination from other lab systems.

Operating Budget Impact: As the project develops and progresses, operating impacts will be identified.

Relationship to General and Community Plans: This project is consistent with the Navajo neighborhood and is in conformance with the City's General Plan.

Schedule: Conceptual design and bridging documents of Phases 1 & 2 began in Fiscal Year 2023 and is anticipated to be completed in Fiscal Year 2026. Design Build contract of Phases 1 & 2 are anticipated to begin in Fiscal Year 2027. Construction of Phases 1 & 2 are anticipated to be completed in Fiscal Year 2031. Design of Phase 3 began in Fiscal Year 2023 and will be completed in Fiscal Year 2024. Construction of Phase 3 will begin and be completed in Fiscal Year 2025.

Summary of Project Changes: The project schedule has been updated for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Metro Sewer Utility - CIP Funding Source	700009	\$ 1,255,214	\$ 4,168,785	\$ 4,016,000	\$ -	\$ 10,235,000	\$ 16,805,000	\$ -	\$ 11,609,200	\$ -	\$ -	\$ 48,089,200
Muni Sewer Utility - CIP Funding Source	700008	555,191	2,681,809	2,414,000	-	6,349,000	9,890,000	-	10,448,280	-	-	32,338,280
Water Utility - CIP Funding Source	700010	600,703	4,029,297	3,570,000	-	9,585,000	15,045,000	-	6,965,520	-	-	39,795,520
Total		\$ 2,411,108	\$ 10,879,891	\$ 10,000,000	\$ -	\$ 26,169,000	\$ 41,740,000	\$ -	\$ 29,023,000	\$ -	\$ -	\$ 120,223,000

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Alvarado Trunk Sewer Phase IV / S15019

Wastewater - Collection Sys - Trunk Swr

Council District:	7 9	Priority Score:	86
Community Planning:	Navajo; College Area	Priority Category:	Low
Project Status:	Continuing	Contact Information:	Jaro, Janice
Duration:	2015 - 2030		619-533-3851
Improvement Type:	Replacement		jjaro@sandiego.gov

Description: This project replaces and upsizes 4.73 miles of the Alvarado Trunk Sewer to provide additional capacity. The first phase will replace and upsize 0.76 miles, and the second phase will replace and upsize the remaining 3.97 miles.

Justification: This trunk sewer will be upgraded with a larger pipe to improve capacity and condition.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with the Navajo and College Area Community Plans and is in conformance with the City's General Plan.

Schedule: Design began in Fiscal Year 2015 and was completed in Fiscal Year 2020. Construction of Phase 1 is scheduled to begin in Fiscal Year 2025 and is anticipated to be substantially completed in Fiscal Year 2026. Construction of Phase 2 is scheduled to begin in Fiscal Year 2026 and is anticipated to be substantially completed in Fiscal Year 2030.

Summary of Project Changes: The project schedule and description have been updated for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025 Anticipated	FY 2026	FY 2027	FY 2028	FY 2029	Future FY	Unidentified Funding	Project Total
Muni Sewer Utility - CIP Funding Source	700008	\$ 6,430,847	\$ 2,122,244	\$ 14,263,455	\$ 8,228,536	\$ 20,843,917	\$ 11,780,000	\$ 8,681,000	\$ -	\$ -	\$ -	\$ 72,350,000
Total		\$ 6,430,847	\$ 2,122,244	\$ 14,263,455	\$ 8,228,536	\$ 20,843,917	\$ 11,780,000	\$ 8,681,000	\$ -	\$ -	\$ -	\$ 72,350,000

Public Utilities

Alvarado WTP Filter Gallery Piping Repl / S24000

Bldg - Water - Treatment Plants

Council District:	7	Priority Score:	87
Community Planning:	Navajo	Priority Category:	High
Project Status:	Continuing	Contact Information:	Vitelle, Brian
Duration:	2024 - 2029		619-533-5105
Improvement Type:	Replacement		bvitelle@sandiego.gov

Description: Alvarado Water Treatment Plant 9-16 Filter Gallery contains piping, valves and appurtenances consisting of various sizes which conveys water to and from each filter including water used to backwash each filter. This project will replace approximately 2970 linear feet of existing 304 stainless steel piping with cement-mortar lined carbon steel.

Justification: Filter gallery piping has reached its service life and needs to be replaced.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with the Navajo neighborhood and is in compliance with the City's General Plan.

Schedule: Design began in Fiscal Year 2024 and is anticipated to be completed in Fiscal Year 2026. Construction is anticipated to begin in Fiscal Year 2027 and be completed in Fiscal Year 2028.

Summary of Project Changes: Total project cost increased by \$3.5 million due to revised project cost. The project description and schedule have been updated for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025 Anticipated	FY 2026	FY 2027	FY 2028	FY 2029	Future FY	Unidentified Funding	Project Total
Water Utility - CIP Funding Source	700010	\$ 103,137	\$ 396,862	\$ 1,400,000	\$ 600,000	\$ 1,000,000	\$ 7,000,000	\$ 4,400,000	\$ 760,000	\$ -	\$ -	\$ 15,660,000
Total		\$ 103,137	\$ 396,862	\$ 1,400,000	\$ 600,000	\$ 1,000,000	\$ 7,000,000	\$ 4,400,000	\$ 760,000	\$ -	\$ -	\$ 15,660,000

Public Utilities

Barret Dam Outlet Bulkhead & Drawdown Improvements / S24002

Bldg - Water - Reservoirs/Dams

Council District:	Non-City	Priority Score:	78
Community Planning:	Non-City	Priority Category:	High
Project Status:	Continuing	Contact Information:	Van Martin, Debbie
Duration:	2024 - 2032		619-533-6651
Improvement Type:	New		dvanmartin@sandiego.gov

Description: Place a reinforced concrete bulkhead at the upstream end of the outlet tunnel, approximately 15 ft. into the outlet tunnel. This bulkhead will be anchored into the outlet tunnel wall. To achieve fully redundant emergency outlet control, a reinforced concrete outlet control vault with a manually operated sluice gate is to be installed downstream of the conduit. Replacement of the existing 30-inch tee at the base of the outlet tower and upgrade to a 42-inch tee. In addition, the 15 feet of 30-inch cast iron pipe that discharges into the outlet tunnel will be replaced with 15 feet of 42-inch stainless steel pipe. The reinforced concrete and rock lined tunnel will be cleaned and patched for spalls and cracks. The entire tunnel will be lined with polyurea lining or other similar structural liner. Project was initiated as a maintenance effort and was determined to be capital in nature.

Justification: California Department of Water Resources, Division Safety of Dam (DSOD) is a regulatory body who oversees and enforces dam and safety compliance of all City of San Diego raw reservoirs (Dams, Spillways, Outlet Towers and critical appurtenances). DSOD conducts annual inspection of Barrett Dam and required the City to take immediate action in repairing the deficiencies identified by DSOD. DSOD has requested this work to be completed as soon as possible due to safety concerns.

Operating Budget Impact: The operating budget impacts will reflect the staffing and non-personnel expenditures required to bring the facilities online for continued operation and maintenance. As the project develops and progresses, operating impacts will be identified.

Relationship to General and Community Plans: This project is consistent with applicable community plans and is in conformance with the City's General Plan.

Schedule: Design began in Fiscal Year 2023 and is anticipated to be completed in Fiscal Year 2025. Construction is anticipated to begin in Fiscal Year 2026 and be completed in Fiscal Year 2028.

Summary of Project Changes: \$2.0 million in Water Utility - CIP funding was allocated to this project in Fiscal Year 2024 via City Council resolution for construction costs. The total project cost increased by \$2.0 million due to increased construction costs. The project schedule has been updated for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025 Anticipated	FY 2026	FY 2027	FY 2028	FY 2029	Future FY	Unidentified Funding	Project Total
Water Utility - CIP Funding Source	700010	\$ 1,822,147	\$ 2,177,852	\$ 2,000,000	\$ -	\$ 1,000,000	\$ 2,000,000	\$ 8,500,000	\$ -	\$ -	\$ -	\$ 17,500,000
Total		\$ 1,822,147	\$ 2,177,852	\$ 2,000,000	\$ -	\$ 1,000,000	\$ 2,000,000	\$ 8,500,000	\$ -	\$ -	\$ -	\$ 17,500,000

Public Utilities

Cielo & Woodman Pump Station / S12012

Bldg - Water - Pump Stations

Council District:	4	Priority Score:	88
Community Planning:	Southeastern (Encanto Neighborhoods)	Priority Category:	High
Project Status:	Continuing	Contact Information:	Ammerlahn, Parita
Duration:	2014 - 2033		619-533-5406
Improvement Type:	Expansion		pammerlahn@sandiego.gov

Description: This project provides for the replacement of the existing Cielo and Woodman Pump Station. This project provides for the replacement of the existing Cielo and Woodman Pump Station with a new 9.12 MGD (6,330 gpm) capacity pump station with a backup generator. The new pump station will be capable to draw water from both Alvarado 536 pressure zone and Otay 490 pressure zone to provide water to the Paradise Mesa 610 pressure zone.

Justification: This replacement of the existing deteriorating pump station will expand capacity and improve efficiency and reliability of the water system.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with the Southeastern (Encanto Neighborhoods) Community Plan and is in conformance with the City's General Plan.

Schedule: Design began in Fiscal Year 2014. The project scope was re-evaluated. The design is anticipated to begin in Fiscal Year 2025 and is anticipated to be completed in Fiscal Year 2027. Construction is scheduled to begin in Fiscal Year 2028 and anticipated to be completed in Fiscal Year 2033.

Summary of Project Changes: Total project cost has increased by \$3.1 million due to scope modification. The project schedule has been updated for Fiscal Year 2025

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Water Utility - CIP Funding Source	700010	\$ 2,060,137	\$ 7,817,862	\$ -	\$ -	\$ 1,162,973	\$ -	\$ 1,000,000	\$ 2,000,000	\$ 4,481,027	\$ -	\$ 18,522,000
Total		\$ 2,060,137	\$ 7,817,862	\$ -	\$ -	\$ 1,162,973	\$ -	\$ 1,000,000	\$ 2,000,000	\$ 4,481,027	\$ -	\$ 18,522,000

Public Utilities

Corrosion Control / AKA00001

Water - Distribution Sys - Transmission

Council District:	Citywide	Priority Score:	Annual
Community Planning:	Citywide	Priority Category:	Annual
Project Status:	Continuing	Contact Information:	Phung, Tung
Duration:	2010 - 2040		858-292-6425
Improvement Type:	Replacement		tphung@sandiego.gov

Description: This annual allocation provides for renovating or replacing deteriorating corrosion control and monitoring systems throughout the City.

Justification: Deteriorating corrosion control and monitoring systems are in need of rehabilitation. This annual allocation provides for an ongoing program to rehabilitate over 600 existing corrosion protection stations.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with applicable community plans and is in conformance with the City's General Plan.

Schedule: Projects will be scheduled on a priority basis.

Summary of Project Changes: Total project cost has increased due to updates to the cost and schedule of subprojects.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Water Utility - CIP Funding Source	700010	\$ 732,078	\$ 67,921	\$ -	\$ -	\$ 87,637	\$ 98,299	\$ 101,348	\$ 101,697	\$ -	\$ -	\$ 1,188,981
Total		\$ 732,078	\$ 67,921	\$ -	\$ -	\$ 87,637	\$ 98,299	\$ 101,348	\$ 101,697	\$ -	\$ -	\$ 1,188,981

Public Utilities

Dams & Reservoirs Security Improvements / S22013

Bldg - Water - Reservoirs/Dams

Council District:	Citywide, Non-City	Priority Score:	75
Community Planning:	Citywide, Non-City	Priority Category:	Medium
Project Status:	Continuing	Contact Information:	Rubalcava, Eric
Duration:	2022 - 2029		619-533-3647
Improvement Type:	Replacement		rubalcavae@sandiego.gov

Description: Security improvement is required to be performed at ten City-owned and operated dams to improve security and protect the raw water supply across the San Diego Region including physical and electronic security. The project was converted from sublet B21067 (ABL00001 Standpipe & Reservoir Rehabilitations) to a standalone CIP in Fiscal Year 2022.

Justification: The City of San Diego owns and operates 10 dams and reservoirs (lakes) to store water for use when needed. While some monitoring and guarding elements are already in place and operating, there are additional security improvements that can be implemented to augment the existing security elements. This project will add physical and electronic security measures and a wireless microwave communication system to further secure the safety and security of this critical infrastructure, preventing potential loss of life should any of these facilities catastrophically fail.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with applicable community plans and is in conformance with the City's General Plan.

Schedule: Design began in Fiscal Year 2021 and is anticipated to be completed in Fiscal Year 2025. Construction is scheduled to begin in Fiscal Year 2026 and is anticipated to be substantially completed in Fiscal Year 2027.

Summary of Project Changes: Total project cost has increased by \$2.7 million due to increased construction costs. The project schedule has been updated for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025							Unidentified Funding	Project Total	
				FY 2025	Anticipated	FY 2026	FY 2027	FY 2028	FY 2029	Future FY			
Water Utility - CIP Funding Source	700010	\$ 2,833,066	\$ 10,723,793	\$ -	\$ -	\$ 14,443,140	\$ 2,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000,000
Total		\$ 2,833,066	\$ 10,723,793	\$ -	\$ -	\$ 14,443,140	\$ 2,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000,000

Public Utilities

East Cty Residuals Line & Mission Gorge Force Main / RD23001 Wastewater - Collection Sys - Interceptor

Council District:	Citywide	Priority Score:	81
Community Planning:	Citywide	Priority Category:	Low
Project Status:	Continuing	Contact Information:	George, Nicole
Duration:	2023 - 2027		619-533-7443
Improvement Type:	New		ngeorge@sandieg.gov

Description: The Regional Brine Line (RBL) formerly called the East County Residuals Line and the East Mission Gorge Force Main (EMGFM) rehabilitation project involves slip lining 8 miles of the existing 48-inch EMGFM with two new pipeline for the RBL and EMGFM. The existing EMGFM conveys sewage from the East Mission Gorge Pump Station to the North Mission Valley Interceptor Sewer. The RBL will convey brine and centrate from the new East County Advanced Water Purification Residuals Pump Station to the South Mission Valley Trunk Sewer. The brine and centrate flows must bypass the North Mission Valley Interceptor so as not to be conveyed to Morena Pump Station and ultimately the City's North City Pure Water Facility. Both pipelines will be constructed by the East County Advanced Water Purification Project Joint Powers Association's (ECAWP JPA) Progressive Design-Build Contractor and partially funded by the City through a cost-sharing agreement. The JPA selected Orion Construction as the progressive design-builder with GHD Inc serving as the EOR. Both pipelines will be owned by the City of San Diego at the end of the project.

Justification: The substantial completion of the RBL prior to the initiation of operations of Pure Water Phase 1 is crucial. The RBL will convey brine and centrate to a point within the City's sewer system that will bypass the influent of the North City Pure Water Facility and instead convey the brine/centrate flow to Point Loma Wastewater Treatment Plant. By bypassing the North City Pure Water Facility influent, the RBL avoids potential influent water quality issues at the Pure Water Facility that may result from the introduction of the brine and centrate.

Operating Budget Impact: The operating budget impacts will reflect the staffing and non-personnel expenditures required to bring the facilities online for continued operation and maintenance. As the project develops and progresses, operating impacts will be identified.

Relationship to General and Community Plans: This project is consistent with applicable community plans and is in conformance with the City's General Plan.

Schedule: Design began in Fiscal Year 2023 and is anticipated to be completed by the end of Fiscal Year 2024. Construction is anticipated to begin in Fiscal Year 2025 and be completed Fiscal Year 2026. Final schedule will be determined by ECAWP JPA and communicated to the City as new developments in cost and schedule arise.

Summary of Project Changes: The project schedule and justification have been updated for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025						Unidentified Funding	Project Total	
				FY 2025	Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			Future FY
Metro Sewer Utility - CIP Funding Source	700009	\$ 6,122	\$ 1,152,379	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,158,502
Muni Sewer Utility - CIP Funding Source	700008	6,045,276	17,628,858	-	-	-	-	-	-	-	-	23,674,134
Water Utility - CIP Funding Source	700010	8,550,693	23,800,475	-	-	-	-	-	-	-	-	32,351,168
Total		\$ 14,602,091	\$ 42,581,712	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 57,183,804

Public Utilities

El Camino Real Pipeline / L23001

Water - Distribution Sys - Distribution

Council District:	1	Priority Score:	72
Community Planning:	Via De La Valle; Carmel Valley; Fairbanks Country Club; N Cty Future Urbanizing Area - Subarea 2	Priority Category:	Low
Project Status:	Continuing	Contact Information:	Rekani, Ronak 619-236-6251 rfrekani@sandiego.gov
Duration:	2023 - 2030		
Improvement Type:	New		

Description: This project provides for construction of new water mains for El Camino North Pipeline and El Camino South Pipeline. Phase I in El Camino North will include approximately 2,685 linear feet of new water mains in El Camino Real from San Dieguito Road connecting to new pipeline on Via De La Valle. Phase II in El Camino South will include construction of approximately 4,032 linear feet of new water mains. The project also proposes to upsize the existing Pressure Reducing Station located at the north-west corner of the intersection of El Camino Real and Half Mile Dr. from 10-inch and 2-inch to dual 12-inch lines. This project was converted from S23000 - El Camino Real Pipeline in Fiscal Year 2023.

Justification: This project will provide water service to the Via De La Valle Pipeline.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with the Carmel Valley, Fairbanks Country Club, NCFUA Subarea II and Via De La Valle neighborhoods and is in conformance with the City's General Plan.

Schedule: Design of Phase I began in Fiscal Year 2023 and is anticipated to be completed in Fiscal Year 2025. Construction of Phase I is anticipated to begin in Fiscal Year 2025 and be completed in Fiscal Year 2028. Design of Phase II began in Fiscal Year 2024 and is anticipated to be completed in Fiscal Year 2026. Construction of Phase II is anticipated to begin in Fiscal Year 2027 and be completed Fiscal Year 2028.

Summary of Project Changes: \$250,000 in Water Utility - CIP funding was allocated to this project in Fiscal Year 2024 via City Council resolution. Total project cost decreased by \$6.9 million due to refined project cost estimates and scope. The project schedule has been updated for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Water Utility - CIP Funding Source	700010	\$ 411,720	\$ 1,288,279	\$ 2,402,405	\$ -	\$ 4,118,282	\$ 130,000	\$ -	\$ -	\$ -	\$ -	\$ 8,350,687
Total		\$ 411,720	\$ 1,288,279	\$ 2,402,405	\$ -	\$ 4,118,282	\$ 130,000	\$ -	\$ -	\$ -	\$ -	\$ 8,350,687

Public Utilities

El Monte Pipeline No 2 / S10008

Water - Distribution Sys - Distribution

Council District:	7 Non-City	Priority Score:	78
Community Planning:	Navajo; Non-City	Priority Category:	Medium
Project Status:	Continuing	Contact Information:	Ammerlahn, Parita
Duration:	2018 - 2030		619-533-5406
Improvement Type:	Replacement - Rehab		pammerlahn@sandiego.gov

Description: This project consists of the replacement of pipeline segments and tunnel repair to the El Monte Pipeline. This project also includes spot repair of the pipeline walls and joints, new manway installations, and air/vacuum relief valves adjustment.

Justification: The replacement and repairs are needed to mitigate the potential of a pipeline failure and reduce leakage. The project allows for more reliable operation of the pipeline and therefore facilitate water transports between the San Vicente and El Capitan Reservoir to Lake Murray and the Alvarado Water Treatment Plant.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with the community plan guidelines for Lakeside and Navajo, including the general and specific plans for the cities of El Cajon, La Mesa, and Santee.

Schedule: Condition assessment began in Fiscal Year 2014 and was completed in Fiscal Year 2016. Design began in Fiscal Year 2018 and is anticipated to be completed in Fiscal Year 2026. Construction is scheduled to start in Fiscal Year 2027 and is anticipated to be substantially completed in Fiscal Year 2029. Remaining construction activities are anticipated to be completed in Fiscal Year 2030.

Summary of Project Changes: The project schedule has been updated for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Water Utility - CIP Funding Source	700010	\$ 6,231,053	\$ 6,415,967	\$ 20,000,000	\$ -	\$ 10,000,000	\$ 5,000,000	\$ 3,015,789	\$ -	\$ -	\$ -	\$ 50,662,809
Water Utility Operating Fund	700011	979	-	-	-	-	-	-	-	-	-	979
Total		\$ 6,232,032	\$ 6,415,967	\$ 20,000,000	\$ -	\$ 10,000,000	\$ 5,000,000	\$ 3,015,789	\$ -	\$ -	\$ -	\$ 50,663,789

Public Utilities

EMTS Boat Dock Esplanade / S00319

Bldg - MWWD - Laboratories

Council District:	2	Priority Score:	70
Community Planning:	Peninsula	Priority Category:	Medium
Project Status:	Continuing	Contact Information:	Choi, Jong
Duration:	2018 - 2027		619-533-5493
Improvement Type:	New		jchoi@sandiego.gov

Description: This project provides for the design and construction of the Environmental Monitoring and Technical Services (EMTS) Laboratory Boat esplanade. Approximately 33 percent of all Metro Sewer Utility Fund expenditures related to this project are funded by Participating Agencies.

Justification: Per the terms of the land transfer from the Federal Government, Public Utilities Department (PUD) designed and constructed a 40,000 square foot ocean monitoring laboratory which is now in operation. This project will fulfill the City's commitment to develop the esplanade as required.

Operating Budget Impact: Non-personnel expenditures for lease of boat dock space at Driscoll's Wharf will decrease by \$14,040 when the project is complete.

Relationship to General and Community Plans: This project is consistent with the Peninsula Community Plan and is in conformance with the City's General Plan.

Schedule: Design was completed in Fiscal Year 2023 due to additional landscaping design required by the Coastal Commission. Construction is anticipated to begin in Fiscal Year 2024 and be completed in Fiscal Year 2025.

Summary of Project Changes: No significant changes were made to this project for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025 Anticipated	FY 2026	FY 2027	FY 2028	FY 2029	Future FY	Unidentified Funding	Project Total
Metro Sewer Utility - CIP Funding Source	700009	\$ 2,512,880	\$ 917,970	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,430,851
Total		\$ 2,512,880	\$ 917,970	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,430,851

Operating Budget Impact

Department - Fund	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Metro Wastewtr Metro - METRO SEWER UTILITY	FTEs 0.00	0.00	0.00	0.00	0.00
Metro Wastewtr Metro - METRO SEWER UTILITY	Total Impact \$	(14,040)	(14,040)	(14,040)	(14,040)

Public Utilities

Enviro Monitoring Tech Svcs Div Lab Remodel at NTC / S21003 Bldg - MWWD - Laboratories

Council District:	2	Priority Score:	85
Community Planning:	Peninsula	Priority Category:	High
Project Status:	Continuing	Contact Information:	Lozano, Edgar
Duration:	2021 - 2031		619-533-6613
Improvement Type:	Betterment		elozano@sandiego.gov

Description: This project will renovate, remodel, and reconfigure existing office and laboratory spaces, upgrade the structural system at strategic locations, and construction of a new high bay Ocean Operations building, including site improvement of existing parking lot on the Public Utilities, EMTS Division Lab located at the Naval Training Center (NTC) facility.

Justification: Upgrade and remodel offices and laboratory spaces to increase functionality, address recurring HVAC and mechanical issues, comply with structural and seismic code. The remodeled facility aims to comply with the State of California Environmental Laboratory Accreditation Program (ELAP) standards for a lab testing facility and to achieve the LEED Silver for Commercial Interiors.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with the Peninsula Plan and is in conformance with the City's General Plan.

Schedule: Design procurement began in Fiscal Year 2021 and design completion is anticipated in Fiscal Year 2025. Construction is scheduled to begin in Fiscal Year 2026 and is anticipated to be substantially completed in Fiscal Year 2029. Post-construction phase is anticipated to be completed in Fiscal Year 2031.

Summary of Project Changes: Total project cost increased by \$20.8 million due to higher cost of temporary spaces required for lab & office staff relocation during construction, cost escalation and rising inflation. The project schedule has been updated for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Metro Sewer Utility - CIP Funding Source	700009	\$ 2,945,351	\$ 2,454,648	\$ -	\$ -	\$ 44,703,956	\$ 1,200,000	\$ 1,200,000	\$ 1,621,545	\$ -	\$ -	\$ 54,125,501
Total		\$ 2,945,351	\$ 2,454,648	\$ -	\$ -	\$ 44,703,956	\$ 1,200,000	\$ 1,200,000	\$ 1,621,545	\$ -	\$ -	\$ 54,125,501

Public Utilities

Freeway Relocation / AKB00002

Water - Distribution Sys - Distribution

Council District:	Citywide	Priority Score:	Annual
Community Planning:	Citywide	Priority Category:	Annual
Project Status:	Continuing	Contact Information:	Phung, Tung
Duration:	2010 - 2040		858-292-6425
Improvement Type:	Replacement		tphung@sandiego.gov

Description: This annual allocation provides funding to relocate water lines in conflict with highway construction zones.

Justification: Waterline relocation is required by the State Department of Transportation's effort to expand the State Highway System. Relocation projects are accomplished in conjunction with highway projects scheduled by the State Department of Transportation.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with applicable community plans and is in conformance with the City's General Plan.

Schedule: Projects will be scheduled on a priority basis per Caltrans requests.

Summary of Project Changes: Total project cost has decreased due to updates to the cost and schedule of subprojects.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Water Utility - CIP Funding Source	700010	\$ 882,820	\$ 214,797	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,097,618
Total		\$ 882,820	\$ 214,797	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,097,618

Public Utilities

Groundwater Asset Development Program / ABM00001

Bldg - Water - Wells

Council District:	Citywide	Priority Score:	Annual
Community Planning:	Citywide	Priority Category:	Annual
Project Status:	Continuing	Contact Information:	Carlson, Sandra
Duration:	2010 - 2040		619-533-4235
Improvement Type:	Replacement		carlsons@sanidiego.gov

Description: This annual allocation provides for investigation work related to legal, technical, regulatory, and water quality issues; and for the planning, design, and construction of groundwater facilities to increase the local water supply.

Justification: The City imports 85 percent of its water from the Colorado River and the State Water Project. The City has access to several under-utilized groundwater assets that could be developed to supply new yield, seasonal storage, or carryover storage.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with applicable community plans and is in conformance with the City's General Plan.

Schedule: Projects will be scheduled on a priority basis.

Summary of Project Changes: No significant changes have been made to this project for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025							Unidentified Funding	Project Total	
				FY 2025	Anticipated	FY 2026	FY 2027	FY 2028	FY 2029	Future FY			
Water Utility - CIP Funding Source	700010	\$ -	\$ 495,328	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 495,328
Total		\$ -	\$ 495,328	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 495,328

Public Utilities

Harbor Drive Trunk Sewer / S18006

Wastewater - Collection Sys - Trunk Swr

Council District:	3 8	Priority Score:	89
Community Planning:	Barrio Logan; Centre City	Priority Category:	High
Project Status:	Continuing	Contact Information:	Vitelle, Brian
Duration:	2016 - 2026		619-533-5105
Improvement Type:	Replacement		bvitelle@sandiego.gov

Description: This project will upsize the existing 12-inch, 15-inch, 18-inch, and 24-inch Harbor Drive Trunk Sewer from 12th Avenue and Imperial Avenue to Sewer Pump Station #5 (Beardsley Street and Harbor Drive) with 18-inch, 21-inch, and 30-inch diameter sewer mains for a total length of 4,650 lineal feet. The project was originally setup as a participation agreement under RD16001 and was later converted to a standalone project.

Justification: The Harbor Drive Trunk Sewer is constructed of Techite pipe, which is known to be a high risk for catastrophic failure. The replacement of this trunk sewer will address the structural integrity of the existing sewer mains and provide additional capacity to accommodate the future flows.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with the Barrio Logan and Downtown Plans and is in conformance with the City's General Plan.

Schedule: Design began in Fiscal Year 2016 and was completed in Fiscal Year 2022. Construction began in Fiscal Year 2023 and is anticipated to be completed in Fiscal Year 2025.

Summary of Project Changes: \$6.5 million of Muni Sewer CIP Funds were removed from this project in Fiscal Year 2024 via City Council Resolution. The project schedule has been updated for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025 Anticipated	FY 2026	FY 2027	FY 2028	FY 2029	Future FY	Unidentified Funding	Project Total
Muni Sewer Utility - CIP Funding Source	700008	\$ 35,703,409	\$ 1,996,590	\$ 6,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 44,200,000
Total		\$ 35,703,409	\$ 1,996,590	\$ 6,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 44,200,000

Public Utilities

Kearny Mesa Trunk Sewer / L24004

Wastewater - Collection Sys - Trunk Swr

Council District:	3 6 7	Priority Score:	88
Community Planning:	Kearny Mesa; Serra Mesa; Mission Valley	Priority Category:	Medium
Project Status:	Continuing	Contact Information:	Ammerlahn, Parita
Duration:	2019 - 2034		619-533-5406
Improvement Type:	Replacement - Rehab		pammerlahn@sandiego.gov

Description: This project involves the rehabilitation of approximately 33,900 LF (6.42 miles) of 33-, 30-, 27-, 18-, 15-, and 12-inch VC Trunk Sewer mains; Replacement of approximately 13,800 LF (2.61 mi) of 33-, 30-, 18-, and 12-inch VC Trunk Sewer; Abandonment of approximately 3,800 LF (0.72 mi) of 12-inch VC Trunk Sewer; and point repairs; sewer lateral (rehab and/or replacement, sewer manholes (rehab, repair, and/or replacement), cleanouts and other appurtenances. The project would also include the following improvements: curb ramps, slurry and street resurfacing and traffic control. This project will be executed in two phases. Phase 1, which was converted from S-20000 (Kearny Mesa Trunk Sewer), is planned to deliver 2.7 miles of sewer pipeline; Phase 2 is planned to deliver the remaining scope.

Justification: The project will replace and rehabilitate deteriorated sewer pipes and manholes.

Operating Budget Impact: None.

Relationship to General and Community Plans: The project is consistent with the Kearny Mesa, Serra Mesa, and Mission Valley Community Plans and is conformance with the City's General Plan.

Schedule: Preliminary engineering was initiated in Fiscal Year 2019 and was completed in Fiscal Year 2020. Design for Phase 1 began in Fiscal Year 2020 and is anticipated to be completed in Fiscal Year 2026. Construction for Phase 1 is anticipated to begin in Fiscal Year 2026 and is anticipated to be substantially completed in Fiscal Year 2031. Design for Phase 2 began in Fiscal Year 2021 and is anticipated to be completed in Fiscal Year 2030 and construction to be substantially completed in Fiscal Year 2033. Remaining construction activities are anticipated to be completed in Fiscal Year 2034.

Summary of Project Changes: This is a newly published project for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Muni Sewer Utility - CIP Funding Source	700008	\$ 5,504,192	\$ 945,807	\$ 8,550,000	\$ -	\$ 8,886,587	\$ 2,000,000	\$ -	\$ -	\$ -	\$ -	\$ 25,886,587
Total		\$ 5,504,192	\$ 945,807	\$ 8,550,000	\$ -	\$ 8,886,587	\$ 2,000,000	\$ -	\$ -	\$ -	\$ -	\$ 25,886,587

Public Utilities

Kearny Villa Rd Pipeline / S23001

Water - Distribution Sys - Transmission

Council District:	6	Priority Score:	86
Community Planning:	Kearny Mesa	Priority Category:	High
Project Status:	Continuing	Contact Information:	Faber, Melissa
Duration:	2023 - 2031		858-614-5712
Improvement Type:	New		mfaber@saniego.gov

Description: This project will install 24,170 linear feet of 36-inch pipeline on Kearny Villa Road between Miramar Road and Clairemont Mesa Boulevard.

Justification: To provide a second feed to ensure water reliability to the community.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with the Kearny Mesa neighborhood and is in conformance with the City's General Plan

Schedule: Design is anticipated to begin in Fiscal Year 2025 and be completed in Fiscal Year 2027. Construction is anticipated to begin in Fiscal Year 2028 and be substantially completed in Fiscal Year 2030. Remaining construction activities is anticipated to be completed in Fiscal Year 2031.

Summary of Project Changes: No significant changes have been made to this project for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Water Utility - CIP Funding Source	700010	\$ -	\$ 500,000	\$ -	\$ -	\$ 2,000,000	\$ 5,000,000	\$ 10,000,000	\$ 10,000,000	\$ 20,900,000	\$ -	\$ 48,400,000
Total		\$ -	\$ 500,000	\$ -	\$ -	\$ 2,000,000	\$ 5,000,000	\$ 10,000,000	\$ 10,000,000	\$ 20,900,000	\$ -	\$ 48,400,000

Public Utilities

La Jolla Scenic Drive 16inch Main / S12009

Water - Distribution Sys - Transmission

Council District:	1	Priority Score:	71
Community Planning:	La Jolla	Priority Category:	Low
Project Status:	Warranty	Contact Information:	Narvaez, Rex
Duration:	2015 - 2025		619-533-5127
Improvement Type:	Expansion		rnarvaez@sandiego.gov

Description: This project provides for replacement of 18,555 linear feet (3.51 miles) of existing 6-inch to 12-inch asbestos cement water main, and 1,573 linear feet (0.30 miles) of existing 8-inch polyvinyl chloride (PVC) water main and installation of 902 linear feet (0.17 miles) of 16-inch PVC transmission line between Soledad Mountain Road and the existing Mount Soledad Pump Station. In addition, it includes the installation of all associated water services, fire hydrants, curb ramps, traffic control, and abandon by slurry fill a total of 1,089 linear feet (0.21 miles) of existing 16-inch water main, of which 300 linear feet is ductile iron and 789 linear feet is asbestos cement. This project also includes the relocation of an existing pressure reducing station.

Justification: The current distribution grid has insufficient capacity to meet fire flow and is a bottleneck that leads to two isolated portions of the 725 Zone. If either of the pump/reservoir tandems that feed the zone go out of service, feed from the other tandem could not effectively be moved across the zone.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with the La Jolla Community Plan and is in conformance with the City's General Plan.

Schedule: Design was completed in Fiscal Year 2016. Construction began in Fiscal Year 2017 and was completed in Fiscal Year 2023. The project is anticipated to be closed in Fiscal Year 2025.

Summary of Project Changes: The project schedule has been updated for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Water Utility - CIP Funding Source	700010	\$ 11,964,163	\$ 383,836	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,348,000
Total		\$ 11,964,163	\$ 383,836	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,348,000

Public Utilities

La Jolla View Reservoir / S15027

Water - Distribution Sys - Distribution

Council District:	1	Priority Score:	76
Community Planning:	La Jolla	Priority Category:	Medium
Project Status:	Continuing	Contact Information:	Faber, Melissa
Duration:	2012 - 2030		858-614-5712
Improvement Type:	Replacement		mfaber@sandiego.gov

Description: This project will abandon and demolish the existing La Jolla View Reservoir, demolish the existing paved reservoir access road in La Jolla Scenic Park, and perform site restoration. In addition, this project will upsize 2,500 feet of 12-inch pipe to new 16-inch pipe between Sierra Mar Drive and Country Club Drive, replace Muirlands Vista Way Pressure Regulating Station, and install 1,000 feet of 12-inch pipe to connect the La Jolla Hermosa 370 pressure zone.

Justification: This project will address the water quality issues and comply with compliance order by removing cast-iron pipes from the City's water system.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with the La Jolla Community Plan and is in conformance with the City's General Plan.

Schedule: Planning began in Fiscal Year 2024. Design is anticipated to begin in Fiscal Year 2025 and be completed in Fiscal Year 2027. Construction is anticipated to begin in Fiscal Year 2028 and be completed in Fiscal Year 2030.

Summary of Project Changes: Total project cost has decreased by \$24.8 million due to revised scope. The project description, justification, and schedule have been updated for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Water Utility - CIP Funding Source	700010	\$ 4,873,818	\$ 1,343,682	\$ -	\$ -	\$ 500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,282,500	\$ -	\$ -	\$ 11,000,001
Total		\$ 4,873,818	\$ 1,343,682	\$ -	\$ -	\$ 500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,282,500	\$ -	\$ -	\$ 11,000,001

Public Utilities

Lake Hodges Dam Replacement / S23002

Bldg - Water - Reservoirs/Dams

Council District:	5	Priority Score:	97
Community Planning:	San Pasqual	Priority Category:	High
Project Status:	Continuing	Contact Information:	Botica, James
Duration:	2023 - 2034		619-533-5109
Improvement Type:	Replacement - Rehab		jbotica@sandiego.gov

Description: This project will construct a new roller compacted concrete dam about 100 feet downstream of the existing dam. While the dam is a City asset, the project will include cost-sharing with the other jurisdictions, including the San Diego County Water Authority, which maintains capacity rights to the 30,633 Acre Feet (AF) of storage. The City maintains 5,317 AF of capacity rights. The City expects to maintain ownership of the new dam.

Justification: Hodges Dam is over 100 years old and is the second oldest dam in the City's system. Currently, the dam has its capacity limited to 5,996 AF based on restrictions from the California Department of Water Resources' Division of Safety of Dams to mitigate risk of dam failure. This project will provide a long-term solution to mitigate these risks and ensure that Lake Hodges continues to be a critical asset in the region's water delivery system.

Operating Budget Impact: To be determined further in the design process.

Relationship to General and Community Plans: This project is consistent with the San Pasqual Valley Community Plan and is in conformance with the City's General Plan.

Schedule: Design is scheduled to begin in Fiscal Year 2025 and is anticipated to be completed in Fiscal Year 2029. Construction is anticipated to begin in Fiscal Year 2030 and be completed in Fiscal Year 2034.

Summary of Project Changes: The total project cost increased by \$125.0 million due to revised engineer's estimate. The project schedule has been updated for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Water Utility - CIP Funding Source	700010	\$ 2,236,280	\$ 5,263,719	\$ 20,402,630	\$ -	\$ 12,525,000	\$ 2,200,000	\$ 2,500,000	\$ -	\$ 229,872,370	\$ -	\$ 275,000,000
Total		\$ 2,236,280	\$ 5,263,719	\$ 20,402,630	\$ -	\$ 12,525,000	\$ 2,200,000	\$ 2,500,000	\$ -	\$ 229,872,370	\$ -	\$ 275,000,000

Public Utilities

Lakeside Valve Station Replacement / S22003

Water - Distribution Sys - Transmission

Council District:	Non-City	Priority Score:	76
Community Planning:	Non-City	Priority Category:	Medium
Project Status:	Continuing	Contact Information:	Ammerlahn, Parita
Duration:	2022 - 2028		619-533-5406
Improvement Type:	Replacement		pammerlahn@sandiego.gov

Description: This project will replace the existing deteriorated and underground Lakeside Valve Station with a new valve station. Relocate the new station above ground by demolishing the onsite out-of-service Lakeside Valve Station and adjacent out-of-service keeper's house. Build a new valve station and building at the location of the existing valve station and also includes an emergency generator. This project was converted from sublet project B17082 (AKA00003 Large Diameter Water Transmission PPL) to a standalone CIP in Fiscal Year 2022.

Justification: This replacement of the existing deteriorating valve station will improve efficiency and reliability of the raw water system.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with the community plan guidelines for Lakeside Community Planning Group.

Schedule: Design began in Fiscal Year 2018 and was completed in Fiscal Year 2023. Construction is scheduled to begin in Fiscal Year 2024 and is anticipated to be substantially completed in Fiscal Year 2027.

Summary of Project Changes: \$550,000 in Water Utility - CIP funding has been allocated to this project in Fiscal Year 2024 via City Council resolution. The total project cost increased by \$1.2 million due to additional construction administration consultant costs and adjustments for the awarded construction cost from the winning contractor. The project schedule has been updated for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Water Utility - CIP Funding Source	700010	\$ 20,388,469	\$ 3,369,312	\$ 31,944,673	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 55,702,455
Total		\$ 20,388,469	\$ 3,369,312	\$ 31,944,673	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 55,702,455

Public Utilities

Large Diameter Water Transmission PPL / AKA00003

Water - Distribution Sys - Transmission

Council District:	Citywide	Priority Score:	Annual
Community Planning:	Citywide	Priority Category:	Annual
Project Status:	Continuing	Contact Information:	Phung, Tung
Duration:	2010 - 2040		858-292-6425
Improvement Type:	Replacement		tphung@sandiego.gov

Description: This annual allocation allows for the replacement of 16-inch and larger diameter water pipelines at various locations throughout the City.

Justification: This annual allocation provides for the replacement of large diameter pipelines that are deteriorated in condition or have reached the end of their service life.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with the applicable community plans and is in conformance with the City's General Plan.

Schedule: Projects will be scheduled on a priority basis.

Summary of Project Changes: Total project cost has increased due to updates to the cost and schedule of subprojects.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Water Utility - CIP Funding Source	700010	\$ 38,857,707	\$ 17,560,824	\$ 11,152,353	\$ -	\$ 10,189,196	\$ 4,220,471	\$ 1,639,026	\$ 2,086,054	\$ -	\$ -	\$ 85,705,631
Total		\$ 38,857,707	\$ 17,560,824	\$ 11,152,353	\$ -	\$ 10,189,196	\$ 4,220,471	\$ 1,639,026	\$ 2,086,054	\$ -	\$ -	\$ 85,705,631

Public Utilities

Lower Otay Dam Outlet Improvements / S24003

Bldg - Water - Reservoirs/Dams

Council District:	8	Priority Score:	89
Community Planning:	Non-City	Priority Category:	High
Project Status:	Continuing	Contact Information:	Van Martin, Debbie
Duration:	2024 - 2034		619-533-6651
Improvement Type:	New		dvanmartin@sandiego.gov

Description: Project provides for the installation of a 66-inch diameter steel conduit at the dam's mid-level outlet, new valves at the upstream and downstream ends of the conduit, and all associated improvements such as air vent, platform, drain lines and access for operations and maintenance. The existing low-level outlet that is no longer in operation will be abandoned in place by grout filling.

Justification: California Department of Water Resources, Division Safety of Dam (DSOD) is a regulatory body who oversees and enforces dam and safety compliance of all City of San Diego raw reservoirs (Dams, Spillways, Outlet Towers and critical appurtenances). DSOD conducts annual inspection of Savage Dam and required the City to take immediate action in repairing the deficiencies identified by DSOD. DSOD has requested this work to be completed as soon as possible due to safety concerns.

Operating Budget Impact: The operating budget impacts will reflect the staffing and non-personnel expenditures required to bring the facilities online for continued operation and maintenance. As the project develops and progresses, operating impacts will be identified.

Relationship to General and Community Plans: This project is consistent with applicable community plans and is in conformance with the City's General Plan.

Schedule: Design began in Fiscal Year 2023 and is anticipated to be completed in Fiscal Year 2028. Construction is anticipated to begin in Fiscal Year 2029 and be completed in Fiscal Year 2031.

Summary of Project Changes: \$2.5 million in Water Utility - CIP funding has been allocated to this project in Fiscal Year 2024 via City Council resolution for construction costs and supporting services. The total project cost increased \$2.5 million due to revised construction costs. The project description and schedule have been updated for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025 Anticipated	FY 2026	FY 2027	FY 2028	FY 2029	Future FY	Unidentified Funding	Project Total
Water Utility - CIP Funding Source	700010	\$ 1,761,543	\$ 2,738,456	\$ 2,000,000	\$ 1,000,000	\$ 1,000,000	\$ 2,000,000	\$ 13,890,000	\$ -	\$ -	\$ -	\$ 24,390,000
Total		\$ 1,761,543	\$ 2,738,456	\$ 2,000,000	\$ 1,000,000	\$ 1,000,000	\$ 2,000,000	\$ 13,890,000	\$ -	\$ -	\$ -	\$ 24,390,000

Public Utilities

MBC Equipment Upgrades / S17013

Bldg - MWWWD - Treatment Plants

Council District:	6	Priority Score:	85
Community Planning:	Kearny Mesa	Priority Category:	High
Project Status:	Continuing	Contact Information:	Martin, Reyhaneh
Duration:	2017 - 2027		858-243-5036
Improvement Type:	Replacement		rdmartin@sandiego.gov

Description: Project consists of replacing aging equipment throughout various process areas to ensure the plant operates reliably. Improvements include installation of new raw solids feed pumps, replacement of existing thickening centrifuges, upgrades to anaerobic digesters, improvements to the sludge dewatering system and other upgrades. Approximately 33 percent of all Metro Sewer Utility Fund expenditures related to this project are funded by Participating Agencies.

Justification: To ensure that the plant operates reliably and efficiently, process equipment associated with anaerobic digestion and sludge dewatering must be replaced.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is in consistent with the applicable community plans and is in conformance with the City's General Plan.

Schedule: Design began in Fiscal Year 2017 and was completed in Fiscal Year 2019. Construction began in Fiscal Year 2022 and is anticipated to be completed in Fiscal Year 2026. This project's construction contract is being bundled with the Pure Water Program's construction contract for efficiency purposes.

Summary of Project Changes: The total project cost increased by \$681,213 due to a change order and future assumed soft costs which changed project cost estimates for Fiscal Year 2025 and Fiscal Year 2026.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Metro Sewer Utility - CIP Funding Source	700009	\$ 52,393,352	\$ 387,039	\$ 3,415,585	\$ -	\$ 3,544,789	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 59,740,766
Total		\$ 52,393,352	\$ 387,039	\$ 3,415,585	\$ -	\$ 3,544,789	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 59,740,766

Public Utilities

Metro Treatment Plants / ABO00001

Bldg - MWWD - Treatment Plants

Council District:	2 6 7 8	Priority Score:	Annual
Community Planning:	Peninsula; University; Tijuana River Valley	Priority Category:	Annual
Project Status:	Continuing	Contact Information:	Phung, Tung
Duration:	2010 - 2040		858-292-6425
Improvement Type:	Replacement		tphung@sandiego.gov

Description: This annual allocation provides for replacement or improvements of facilities at Metro Treatment Plants: Point Loma Wastewater Treatment Plant (PLWTP), North City Water Reclamation Plant (NCWRP), South Bay Water Reclamation Plant (SBWRP), and Metro Biosolids Center (MBC). Approximately 33 percent of all Metro Sewer Utility Fund expenditures related to this project are funded by Participating Agencies.

Justification: Various facilities require replacement due to increasing wastewater flows and to be compliant with current regulatory requirements. This annual allocation will be considered an enhancement to the facility and does not include operation and maintenance.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with the Peninsula, Tijuana River Valley, and University community plans and is in conformance with the City's General Plan.

Schedule: Projects will be scheduled on a priority basis.

Summary of Project Changes: Total project cost has increased due to updates to the cost and schedule of subprojects and relation to the CIP Five Year Planning document.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Metro Sewer Utility - CIP Funding Source	700009	\$ 27,298,369	\$ 12,969,722	\$ 11,993,421	\$ -	\$ 11,704,527	\$ 14,513,218	\$ 12,219,379	\$ 6,101,807	\$ -	\$ -	\$ 96,800,444
Total		\$ 27,298,369	\$ 12,969,722	\$ 11,993,421	\$ -	\$ 11,704,527	\$ 14,513,218	\$ 12,219,379	\$ 6,101,807	\$ -	\$ -	\$ 96,800,444

Public Utilities

Metropolitan System Pump Stations / ABP00002

Bldg - MWW - Pump Stations

Council District:	Citywide	Priority Score:	Annual
Community Planning:	Citywide	Priority Category:	Annual
Project Status:	Continuing	Contact Information:	Phung, Tung
Duration:	2010 - 2040		858-292-6425
Improvement Type:	Replacement		tphung@sandiego.gov

Description: This annual allocation provides for comprehensive upgrades, design modifications, and renovations or replacement of equipment such as pumps, valves, tanks, controls, odor control systems, etc. at Metropolitan System Pump Stations 1, 2, Otay River, and Grove Avenue. Approximately 33 percent of all Metro Sewer Utility Fund expenditures related to this project are funded by Participating Agencies.

Justification: These improvements will allow pump stations to run more efficiently and increase the reliability of the Metropolitan Wastewater System.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with the applicable community plans and is in conformance with the City's General Plan.

Schedule: Projects will be scheduled on a priority basis.

Summary of Project Changes: Total project cost has increased due to updates to the cost and schedule of subprojects and relation to the CIP Five Year Planning document.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025							Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029	Future FY			
Metro Sewer Utility - CIP Funding Source	700009	\$ 9,881,643	\$ 2,387,626	\$ 849,792	\$ -	\$ 7,474,879	\$ 16,848,514	\$ 16,439,544	\$ 23,729,248	\$ -	\$ -	\$ 77,611,246	
Total		\$ 9,881,643	\$ 2,387,626	\$ 849,792	\$ -	\$ 7,474,879	\$ 16,848,514	\$ 16,439,544	\$ 23,729,248	\$ -	\$ -	\$ 77,611,246	

Public Utilities

Metropolitan Waste Water Department Trunk Sewers / AJB00001

Wastewater - Collection Sys - Trunk Swr

Council District:	Citywide	Priority Score:	Annual
Community Planning:	Citywide	Priority Category:	Annual
Project Status:	Continuing	Contact Information:	Phung, Tung
Duration:	2010 - 2040		858-292-6425
Improvement Type:	Replacement		tphung@sandiego.gov

Description: This annual allocation provides for the replacement of trunk sewers at various locations, including canyons, within the City limits. Approximately 33 percent of all Metro Sewer Utility Fund expenditures related to this project are funded by Participating Agencies.
Justification: This annual allocation provides for the upgrading of trunk sewers to improve the level of service to residents of the City of San Diego, and to comply with regulatory agencies by reducing the possibility of sewer spills.

Operating Budget Impact: None.
Relationship to General and Community Plans: This project is consistent with the applicable community plans and is in conformance with the City's General Plan.
Schedule: Projects will be scheduled on a priority basis.
Summary of Project Changes: Total project cost has increased due to updates to the cost and schedule of subprojects and relation to the CIP Five Year Planning document.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Metro Sewer Utility - CIP Funding Source	700009	\$ 19,924	\$ 360,812	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 380,736
Muni Sewer Utility - CIP Funding Source	700008	9,269,612	3,436,275	-	-	2,159,982	6,558,696	8,110,175	17,149,362	-	-	46,684,102
Total		\$ 9,289,536	\$ 3,797,086	\$ -	\$ -	\$ 2,159,982	\$ 6,558,696	\$ 8,110,175	\$ 17,149,362	\$ -	\$ -	\$ 47,064,838

Public Utilities

Miramar Clearwell Improvements / S11024

Bldg - Water - Standpipes

Council District:	5	Priority Score:	78
Community Planning:	Scripps Miramar Ranch; Miramar Ranch North	Priority Category:	High
Project Status:	Warranty	Contact Information:	Vitelle, Brian
Duration:	2012 - 2025		619-533-5105
Improvement Type:	Expansion		bvitelle@sandiego.gov

Description: This project constructs two new potable water storage clearwells, associated piping and facilities for a total storage capacity of 58.3 million gallons (MG); removes existing Clearwell Nos. 1 and 2 and associated piping and facilities; constructs a new chlorine contact chamber with an adjoining lift station for a maximum plant capacity of 215 million gallons per day (MGD), a new maintenance building, a new guard house, and installs a one megawatt Photovoltaic System on the deck of Clearwell No. 2.

Justification: The existing clearwells were determined to have significant structural stability concerns. The lift station will improve filter performance and increase hydraulic grade line to 712 feet.

Operating Budget Impact: None

Relationship to General and Community Plans: This project is consistent with the Scripps Miramar Ranch Community Plan and is in conformance with the City's General Plan.

Schedule: Design began in Fiscal Year 2012 and was completed in Fiscal Year 2016. Construction began in Fiscal Year 2016 and was completed in Fiscal Year 2023. Project closeout activities will be completed in Fiscal Year 2025.

Summary of Project Changes: The project schedule has been updated for Fiscal Year 2025 due to unforeseen site conditions.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Water Utility - CIP Funding Source	700010	\$ 118,676,710	\$ 1,647,538	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 120,324,248
Water Utility Operating Fund	700011	4,495	-	-	-	-	-	-	-	-	-	4,495
Total		\$ 118,681,205	\$ 1,647,538	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 120,328,744

Public Utilities

Miramar WTP Residuals Redirection / S23012

Bldg - Water - Treatment Plants

Council District:	5	Priority Score:	39
Community Planning:	Scripps Miramar Ranch	Priority Category:	Low
Project Status:	Continuing	Contact Information:	Martin, Reyhaneh
Duration:	2023 - 2032		858-243-5036
Improvement Type:	New		rdmartin@sandiego.gov

Description: This project creates a permanent solution to redirect Miramar Water Treatment Plant (WTP) residuals to the wastewater system. Redirection of residuals away from Miramar Reservoir is required due to the retention time needed to meet Indirect Potable Reuse (IPR) requirements. To eliminate the discharge of residual solids into the Miramar reservoir, the following facilities will need to be designed/built: clarifiers for filter backwash, an equalization tank for sedimentation basin solids, sludge pumps, and piping to transport sludge to Trunk Sewer 54. The existing equalization basin at Miramar WTP will need to be evaluated to determine if retrofitting or replacement of the piping and pumps will be required to accommodate the new solids handling facilities. To avoid surcharging downstream pipes, a 582-foot section of sewer main on Canyon Lake Drive will also need to be upsized from 8-inch to 10-inch per attached modeling results.

Justification: Pure Water's goal of reaching 30 MGD for Phase 1 cannot be fully realized without the redirection of residuals away from Miramar Reservoir.

Operating Budget Impact: As the project develops and progresses, operating impacts will be identified.

Relationship to General and Community Plans: This project is consistent with the Scripps Miramar Ranch Community Plan and is in conformance with the City's General Plan.

Schedule: Design is anticipated to begin in Fiscal Year 2025 and be completed in Fiscal Year 2028. Construction is anticipated to begin in Fiscal Year 2029 and be completed in Fiscal Year 2031.

Summary of Project Changes: Total project cost increased by \$12.5 million due to updated cost estimate.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025							Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029	Future FY			
Water Utility - CIP Funding Source	700010	\$ 11,279	\$ 188,720	\$ 1,572,000	\$ -	\$ 1,820,000	\$ 1,501,000	\$ 1,311,000	\$ 9,352,000	\$ 18,354,000	\$ -	\$ 34,110,000	
Total		\$ 11,279	\$ 188,720	\$ 1,572,000	\$ -	\$ 1,820,000	\$ 1,501,000	\$ 1,311,000	\$ 9,352,000	\$ 18,354,000	\$ -	\$ 34,110,000	

Public Utilities

Montezuma/Mid-City Pipeline Phase II / S11026

Water - Distribution Sys - Distribution

Council District:	7 9	Priority Score:	98
Community Planning:	College Area; Navajo	Priority Category:	High
Project Status:	Continuing	Contact Information:	Vitelle, Brian
Duration:	2013 - 2029		619-533-5105
Improvement Type:	Expansion		bvitelle@sandiego.gov

Description: This project will construct a new 66-inch pipeline from the Alvarado Water Treatment Plant Clearwells to the 69th and Mohawk pump station. Approximate pipeline length is 5,297 linear feet. This project also includes street resurfacing of 70th Street and Lake Murray Boulevard as part of a future reimbursement agreement with the City of La Mesa. This project was added to the City's existing litigation with SDG&E (which is primarily associated with the Pure Water project) regarding costs to relocated SDG&E in Fiscal Year 2021.

Justification: This project will give complete redundancy to the Trojan Pipeline and will add transmission capacity to all of San Diego south of Highway 8. The project will provide a back-up supply for the aging 54-inch Trojan Pipeline that currently supplies the Mid-City Pipeline west of the 63rd Street inter-tie, a second supply line to the largest region of the Alvarado Water Treatment Plant service area, and a back-up service that will allow the Trojan Pipeline to be removed from service for inspection. In addition, the project provides connections for a new 69th and Mohawk Pump Station to become the lead supply to the Redwood Village (645 Zone).

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with the College Area and Navajo Community Planning Groups and is in conformance with the City's General Plan.

Schedule: Design began in Fiscal Year 2013 and was completed in Fiscal Year 2023. Construction began in Fiscal Year 2025 and is anticipated to be completed in Fiscal Year 2028.

Summary of Project Changes: The project schedule has been updated for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Water SDG&E Utility Relocation	700105	\$ 1,389,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,389,000
Water Utility - CIP Funding Source	700010	12,753,492	37,734,597	11,000,000	-	-	-	-	-	-	-	61,488,088
Water Utility Operating Fund	700011	215,112	-	-	-	-	-	-	-	-	-	215,112
Total		\$ 14,357,603	\$ 37,734,596	\$ 11,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 63,092,200

Public Utilities

Morena Dam Upstream Face Replacement / S24001

Bldg - Water - Reservoirs/Dams

Council District:	Non-City	Priority Score:	80
Community Planning:	Non-City	Priority Category:	High
Project Status:	Continuing	Contact Information:	Van Martin, Debbie
Duration:	2023 - 2031		619-533-6651
Improvement Type:	Replacement		dvanmartin@sandiego.gov

Description: Project provides for the replacement of an entire concrete facing on the upstream side of Morena Dam. The new concrete facing of 8 inches thick will be anchored into the underlying rock. Project was initiated as a maintenance effort and was later determined to be capital in nature.

Justification: To address deficiencies with the Morena Dam Concrete face. Also, Implementation of the Project will further protect this important water infrastructure asset and support the overall goal to continue providing existing and new customers with a safe and reliable water supply in a cost-effective manner.

Operating Budget Impact: The operating budget impacts will reflect the staffing and non-personnel expenditures required to bring the facilities online for continued operation and maintenance. As the project develops and progresses, operating impacts will be identified.

Relationship to General and Community Plans: This project is consistent with applicable community plans and is in conformance with the City's General Plan.

Schedule: Design began in Fiscal Year 2023 and is anticipated to be completed in Fiscal Year 2027. Construction is anticipated to begin in Fiscal Year 2028 and be completed in Fiscal Year 2030.

Summary of Project Changes: The project description and schedule have been updated for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025		FY 2026	FY 2027	FY 2028	FY 2029	Future FY	Unidentified Funding	Project Total
					Actual	Anticipated							
Water Utility - CIP Funding Source	700010	\$ 1,228,869	\$ 1,271,130	\$ -	\$ -	\$ -	\$ 500,000	\$ 10,500,000	\$ 3,275,000	\$ -	\$ -	\$ -	\$ 16,775,000
Total		\$ 1,228,869	\$ 1,271,130	\$ -	\$ -	\$ -	\$ 500,000	\$ 10,500,000	\$ 3,275,000	\$ -	\$ -	\$ -	\$ 16,775,000

Public Utilities

Morena Pipeline / S16027

Water - Distribution Sys - Transmission

Council District:	2 7	Priority Score:	92
Community Planning:	Linda Vista; Clairemont Mesa; Mission Valley	Priority Category:	High
Project Status:	Continuing	Contact Information:	Tadros, Sameh
Duration:	2015 - 2028		858-292-6434
Improvement Type:	Expansion		stadros@sandiego.gov

Description: This project will replace 19,765 feet of existing cast iron and asbestos cement 16-inch pipeline with 16-inch PVC and install 17,440 feet of new 36-inch steel pipeline (CML & C) along Morena Blvd from Friars Road to Balboa Avenue. Total length of this project is 38,012 feet.

Justification: This project was driven by the need to provide redundant transmission capacity to the coastal regions of Pacific Beach and La Jolla. This pipeline will also allow the beach areas to be fed by the Alvarado Water Treatment Plant which helps maximize local water resources.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with Linda Vista, Mission Valley and Clairemont Mesa community plans and is in conformance with the City's General Plan.

Schedule: Design began in Fiscal Year 2017 and was completed in Fiscal Year 2023. Construction is scheduled to begin in Fiscal Year 2025 and is anticipated to be substantially completed in Fiscal Year 2027. Remaining construction activities are anticipated to be completed in Fiscal Year 2028.

Summary of Project Changes: The total project cost increased by \$11.0 million due to revised cost estimates. The project was recently advertised but cancelled and will be re-advertised. The apparent low bidder came at \$10 million over engineer's estimate and the next bidder's bid came in \$10 million more than the apparent low bidder's. Due to this, the budget estimate has been increased to account for this during re-bidding. The project schedule has been updated for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Water SDG&E Utility Relocation	700105	\$ 13,564,385	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,564,386
Water Utility - CIP Funding Source	700010	5,733,257	31,515,620	6,860,195	-	36,336,805	-	-	-	-	-	80,445,877
Total		\$ 19,297,643	\$ 31,515,619	\$ 6,860,195	\$ -	\$ 36,336,805	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 94,010,263

Public Utilities

Murphy Canyon Trunk Sewer Repair/Rehab / S22014

Wastewater - Collection Sys - Trunk Swr

Council District:	6 7 9	Priority Score:	90
Community Planning:	Kearny Mesa; Mission Valley; Serra Mesa; Tierrasanta	Priority Category:	High
Project Status:	Continuing	Contact Information:	Vitelle, Brian
Duration:	2022 - 2029		619-533-5105
Improvement Type:	Replacement - Rehab		bvitelle@sanidiego.gov

Description: This project will improve the capacity of existing trunk sewer infrastructure by installing approximately 1.3 miles of new gravity sewer pipelines, rehabilitating approximately 5.2 miles of existing sewer pipelines, and abandoning approx. 1.1 miles of existing sewer pipeline and manholes. The existing trunk sewer is located parallel to I-15, mainly on or near Murphy Canyon Road from Clairemont Mesa Boulevard to south of Friars Road. In addition, part of sewer rehabilitation will take place on Ruffin Road from Balboa Avenue to Aero Drive and on Aero Drive from Ruffin Road to Sandrock Road. This project was converted from sublet B17005 (AJB00001 Metropolitan Waste Water Department Trunk Sewers) to a standalone project in Fiscal Year 2022.

Justification: This project will replace or rehabilitate more than 35,765 linear feet of aging and deteriorating sewer pipe servicing communities. The new and rehabilitated sewer distribution pipelines will bring the existing mains up to modern standards, accommodate community growth and reduce maintenance requirements.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with the Kearny Mesa and Mission Valley community plans and is in conformance with the City's General Plan.

Schedule: Design was completed in Fiscal Year 2023. Construction began in Fiscal Year 2024 and is anticipated to be substantially completed in Fiscal Year 2026. Remaining construction activities are anticipated to be completed in Fiscal Year 2028.

Summary of Project Changes: The project schedule has been updated for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Unidentified Funding	Project Total	
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			Future FY
Muni Sewer Utility - CIP Funding Source	700008	\$ 9,266,968	\$ 8,690,419	\$ 19,000,000	\$ -	\$ 14,642,612	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 51,600,000
Total		\$ 9,266,968	\$ 8,690,419	\$ 19,000,000	\$ -	\$ 14,642,612	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 51,600,000

Public Utilities

NCWRP Improvements to 30 mgd / S17012

Bldg - MWWD - Treatment Plants

Council District:	1	Priority Score:	85
Community Planning:	University	Priority Category:	High
Project Status:	Continuing	Contact Information:	Martin, Reyhaneh
Duration:	2017 - 2027		858-243-5036
Improvement Type:	Replacement		rdmartin@sandiego.gov

Description: The North City Water Reclamation Plant (NCWRP) treats wastewater from several San Diego communities and distributes recycled water for irrigation and industrial purposes throughout the surrounding areas. The condition and hydraulic capacity of the existing equipment at the NCWRP has been assessed through the review and examination of the plant design drawings, operation and assessment. It was determined that improvements to the process equipment are needed in order to ensure the facility is capable of operating reliably at its design capacity of 30 million gallons per day (MGD). Approximately 33 percent of all Metro Sewer Utility Fund expenditures related to this project are funded by Participating Agencies.

Justification: This project entails improvements to the process equipment at the NCWRP in order to ensure the facility is capable of operating reliably at its design capacity of 30 MGD.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with the University Community Plan and is in conformance with the City's General plan and helps to implement the City's Climate Action Plan.

Schedule: Design began in Fiscal Year 2017 and was completed in Fiscal Year 2019. Construction began in Fiscal Year 2022 and is anticipated to be completed in Fiscal Year 2025. This project's construction contract is being bundled with the Pure Water Program's construction contract for efficiency purposes.

Summary of Project Changes: No significant changes were made to this project for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Metro Sewer Utility - CIP Funding Source	700009	\$ 23,431,705	\$ 7,339,039	\$ 1,189,986	\$ -	\$ 3,840,093	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,800,824
Water Utility - CIP Funding Source	700010	2,770,074	3,124,666	-	-	139,304	-	-	-	-	-	6,034,044
Total		\$ 26,201,779	\$ 10,463,705	\$ 1,189,986	\$ -	\$ 3,979,397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 41,834,868

Public Utilities

North/South Metro Interceptors Rehabilitation / S22001

Wastewater - Collection Sys - Main

Council District:	2 3	Priority Score:	88
Community Planning:	Centre City - East Village; Centre City - Little Italy; Centre City - Columbia/Core; Midway - Pacific Highway	Priority Category:	Medium
Project Status:	Continuing	Contact Information:	Ammerlahn, Parita 619-533-5406 pammerlahn@sandiego.gov
Duration:	2023 - 2029		
Improvement Type:	Replacement - Rehab		

Description: Repair and rehabilitation of the North Metropolitan Interceptors (NMI) and South Metropolitan Interceptors (SMI) and access structures. Several pipeline segments will be rehabilitated or repaired. Several access structures and siphon access structures will be repaired.

Justification: NMI and SMI are singular critical interceptors conveying wastewater flows from North and South of the City to PLWTP via PS2. SMI and a portion of NMI do not have a redundancy pipeline for backup in the event these pipelines go out of service. If NMI and SMI are not repaired or maintained, there is the potential risk of major wastewater collection interruption, sewer overflow, property and environmental damage, and fines due to pipe failure.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with the Downtown, Midway-Pacific Highway, and Military Facilities neighborhoods and is in conformance with the City's General Plan.

Schedule: Preliminary Engineering began and was completed in Fiscal Year 2023. Design began in Fiscal Year 2023 and is anticipated to be completed in Fiscal Year 2026.

Construction is anticipated to begin in Fiscal Year 2026 and be completed in Fiscal Year 2028.

Summary of Project Changes: The project schedule has been updated for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025		FY 2026	FY 2027	FY 2028	FY 2029	Future FY	Unidentified Funding	Project Total
					Anticipated								
Metro Sewer Utility - CIP Funding Source	700009	\$ 275,444	\$ 3,224,555	\$ -	\$ -	\$ 15,023,414	\$ 13,436,586	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 31,960,000
Total		\$ 275,444	\$ 3,224,555	\$ -	\$ -	\$ 15,023,414	\$ 13,436,586	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 31,960,000

Public Utilities

Otay 1st/2nd PPL West of Highland Avenue / S12016

Water - Distribution Sys - Transmission

Council District:	3 9	Priority Score:	79
Community Planning:	City Heights; North Park	Priority Category:	Medium
Project Status:	Continuing	Contact Information:	Vitelle, Brian
Duration:	2014 - 2026		619-533-5105
Improvement Type:	Replacement		bvitelle@sandiego.gov

Description: This project provides for replacement of the Otay 1st and 2nd Pipeline (west of Highland Avenue, along the existing Otay 2nd alignment). It will replace 26,090 linear feet of existing cast iron and asbestos cement transmission mains and distribution mains with new mains.

Justification: This project will replace the existing deteriorated cast iron pipe. The new pipeline will provide supply reliability and improve water quality.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with the City Heights and North Park Community Plans and is in conformance with the City's General Plan.

Schedule: Design was completed in Fiscal Year 2019. Construction began in Fiscal Year 2020 and is anticipated to be completed in Fiscal Year 2024. Remaining construction activities are anticipated to be completed in Fiscal Year 2025.

Summary of Project Changes: \$900,000 in Water Utility - CIP funding was allocated to this project in Fiscal Year 2024 via City Council resolution. The total project cost increased by \$1.3 million due to unforeseen conditions during construction. The project schedule has been updated for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025		FY 2026	FY 2027	FY 2028	FY 2029	Future FY	Unidentified Funding	Project Total
					Anticipated								
Water Utility - CIP Funding Source	700010	\$ 30,745,625	\$ 1,144,874	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 32,290,500
Total		\$ 30,745,625	\$ 1,144,874	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 32,290,500

Public Utilities

Otay 2nd Pipeline Phase 4 / S20001

Water - Distribution Sys - Transmission

Council District:	Non-City	Priority Score:	85
Community Planning:	Non-City	Priority Category:	Medium
Project Status:	Continuing	Contact Information:	Ammerlahn, Parita
Duration:	2020 - 2034		619-533-5406
Improvement Type:	Replacement		pammerlahn@sandiego.gov

Description: This project will replace an existing portion of the Otay 2nd Pipeline in the County of San Diego and in the City of Chula Vista between Bonita Road (North end) and Telegraph Canyon Road (South end) and install a new distribution main to supply water to a number of existing customers currently connected directly into the main transmission pipeline. The work will replace approximately 16,910 linear feet of existing Otay 2nd steel piping with new 48" Cement Mortar Lined and Tape Coated piping, and construct approximately 1,041 linear feet of new 8" distribution piping to serve existing customers.

Justification: This project will replace and up-size existing deteriorated piping to provide supply reliability for the Alvarado service area and increase operational flexibility of the system. Several existing residential water connections will be transferred to the new 8" distribution pipe in compliance with the City's design guidelines.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is recommended by an amendment to the Otay Water Treatment Plant Service Area Master Plan and is in conformance with the City's General Plan.

Schedule: Design is anticipated to be completed in Fiscal Year 2027. Construction is scheduled to start in Fiscal Year 2027 and is anticipated to be substantially completed in Fiscal Year 2031.

Summary of Project Changes: \$250,000 in Water Utility - CIP funding was allocated to this project in Fiscal Year 2024 via City Council resolution. The project schedule has been updated for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Water Utility - CIP Funding Source	700010	\$ 4,065,987	\$ 334,012	\$ 500,000	\$ -	\$ 10,000,000	\$ 10,000,000	\$ 10,000,000	\$ 3,108,900	\$ -	\$ -	\$ 38,008,900
Total		\$ 4,065,987	\$ 334,012	\$ 500,000	\$ -	\$ 10,000,000	\$ 10,000,000	\$ 10,000,000	\$ 3,108,900	\$ -	\$ -	\$ 38,008,900

Public Utilities

Otay 2nd Pipeline Steel Replacement Ph 5 / S21000

Water - Distribution Sys - Transmission

Council District:	4	Priority Score:	95
Community Planning:	Mid-City: Eastern Area; Southeastern (Encanto Neighborhoods)	Priority Category:	High
Project Status:	Continuing	Contact Information:	Ammerlahn, Parita 619-533-5406 pammerlahn@sandiego.gov
Duration:	2021 - 2031		
Improvement Type:	Replacement		

Description: This project will replace the existing 36-inch Steel Cylinder Cement (CMLCS) pipe with 42-inch CMLCS pipe from Balboa Vista Drive south of Seifert Street to the intersection of 60th Street and Tooley Street. The project also includes a new tunneling segment under SR-94.

Justification: This project will replace and up-size existing deteriorated piping to provide supply reliability for the Alvarado service area and increase operational flexibility of the system. Seventeen existing residential water connections will be transferred to the new 8" distribution pipe in compliance with the City's design guidelines.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with the Mid City: Eastern Area and Encanto Neighborhoods and is in conformance with the City's General Plan.

Schedule: Design began in Fiscal Year 2022 and is anticipated to be completed in Fiscal Year 2026. Construction is scheduled to begin in Fiscal Year 2027 and is anticipated to be substantially completed in Fiscal Year 2029. Remaining construction activities are anticipated to be completed in Fiscal Year 2030.

Summary of Project Changes: The total project cost increased by \$10.0 million due to further development of the construction cost estimate during the design stage.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					FY 2029	Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028					
Water Utility - CIP Funding Source	700010	\$ 2,568,075	\$ 2,231,924	\$ -	\$ -	\$ 9,500,000	\$ 8,000,000	\$ 7,829,000	\$ -	\$ -	\$ -	\$ -	\$ 30,129,000
Total		\$ 2,568,075	\$ 2,231,924	\$ -	\$ -	\$ 9,500,000	\$ 8,000,000	\$ 7,829,000	\$ -	\$ -	\$ -	\$ -	\$ 30,129,000

Public Utilities

Otay 2nd PL Relocation-PA / L24001

Water - Distribution Sys - Transmission

Council District:	Non-City	Priority Score:	75
Community Planning:	Non-City	Priority Category:	Low
Project Status:	Continuing	Contact Information:	Li, David
Duration:	2015 - 2030		619-446-5102
Improvement Type:	Replacement		dli@sandiego.gov

Description: This project is a developer-led participation agreement and will relocate 7.82 miles of potable water transmission pipelines from Otay Water Treatment to Olympic Parkway. The participation agreement outlines each segment of work, the City and Developer costs, and the schedule to begin and complete the work. This project was converted from standalone project S15016 to an L-Project in Fiscal Year 2024.

Justification: As the Otay Ranch Community develops, the existing Otay 2nd Pipeline, Otay 3rd Pipeline, South San Diego Pipeline No. 1, and South San Diego Pipeline No. 2 will be relocated into the City of Chula Vista's public rights-of-way.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is outside the City limits and there is no community planning area. This project is in conformance with the City's General Plan.

Schedule: Design of Phase 1 began in Fiscal Year 2015. Construction of Phase 1 began in Fiscal Year 2019 and is anticipated to be substantially completed in Fiscal Year 2024. Design of Phase 2 began in Fiscal Year 2020 and is anticipated to be completed in Fiscal Year 2024. Construction of Phase 2 is scheduled to begin in Fiscal Year 2025 and is anticipated to be substantially completed in Fiscal Year 2028. Design of Phase 3 began in Fiscal Year 2024 and is anticipated to be completed in Fiscal Year 2025. Construction of Phase 3 is anticipated to begin in Fiscal Year 2026 and be completed in Fiscal Year 2029. Subsequent design and construction for future phases will be determined at a later date.

Summary of Project Changes: The project description and schedule have been updated for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Actual	Anticipated	FY 2026	FY 2027	FY 2028			
Water Utility - CIP Funding Source	700010	\$ 10,448,511	\$ 6,397,659	\$ -	\$ -	\$ 2,000,000	\$ 2,000,000	\$ 3,000,000	\$ 4,247,053	\$ -	\$ -	\$ 28,093,224
Total		\$ 10,448,511	\$ 6,397,659	\$ -	\$ -	\$ 2,000,000	\$ 2,000,000	\$ 3,000,000	\$ 4,247,053	\$ -	\$ -	\$ 28,093,224

Public Utilities

Otay Water Treatment Plant Upgrade Ph 3 / S23003

Bldg - Water - Treatment Plants

Council District:	Non-City	Priority Score:	91
Community Planning:	Non-City	Priority Category:	High
Project Status:	Continuing	Contact Information:	Faber, Melissa
Duration:	2023 - 2031		858-614-5712
Improvement Type:	Betterment		mfaber@sandiego.gov

Description: Rehabilitate two existing flocculation and sedimentation basins by adding plate settlers, launders, and a new sludge collection system. Apply coatings to filter effluent channels and the filters 9-16 influent channel and replace valves on filters 1-16. Upgrade chemical tanks, feed systems, and install flow controls. Expand and improve the operations building. Other improvements include install raw water meter, throttling valve and overflow structure on San Diego County Water Authority connection, perform seismic improvements, and perform improvements for security guard station.

Justification: Ongoing operability and reliability of the plant are currently jeopardized. Some of those needs are related to design and construction problems of the late 1990's plant expansion project and some of them are related to older plant equipment that was not improved during the expansion.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is outside of the City limits and there is no community planning area.

Schedule: Design is anticipated to begin in Fiscal Year 2026 and be completed in Fiscal Year 2028. Construction is anticipated to begin in Fiscal Year 2028 and be substantially completed in Fiscal Year 2030. Remaining construction activities are anticipated to be completed in Fiscal Year 2031.

Summary of Project Changes: The project schedule has been updated for Fiscal year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025		FY 2026	FY 2027	FY 2028	FY 2029	Future FY	Unidentified Funding	Project Total
					Anticipated								
Water Utility - CIP Funding Source	700010	\$ 567	\$ 499,432	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 2,500,000	\$ 5,000,000	\$ 10,000,000	\$ 13,000,000	\$ -	\$ 32,000,000
Total		\$ 567	\$ 499,432	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 2,500,000	\$ 5,000,000	\$ 10,000,000	\$ 13,000,000	\$ -	\$ 32,000,000

Public Utilities

Pacific Beach Pipeline South (W) / S12015

Water - Distribution Sys - Transmission

Council District:	1 2 7	Priority Score:	78
Community Planning:	Pacific Beach; Midway - Pacific Highway; Mission Beach; Peninsula	Priority Category:	Medium
Project Status:	Warranty	Contact Information:	Jaro, Janice 619-533-3851 jjaro@sandiego.gov
Duration:	2012 - 2026		
Improvement Type:	Expansion		

Description: Replacement of approximately 7.8 miles of existing transmission and distribution mains known as Pacific Beach Pipeline along Ingraham Street, West Mission Bay Drive, Sports Arena Boulevard, Midway Drive, Enterprise Street, Pacific Highway, Kurtz Street, Hancock Street, California Street, West Walnut Avenue, Vine Street, and Kettner Boulevard from the Buena Vista Street and Ingraham Street intersection through the Upas and Kettner Boulevard intersection. The project also includes demolition of the existing Pacific Beach Reservoir, abandonment of existing 16-inch pipeline from this reservoir through Tourmaline Street and Foothill Boulevard, and replacement of adjacent water mains along West Mission Bay Drive from Mission Boulevard through Ingraham Street, along Hancock Street from Estudillo Street through Noell Street, along West Washington Street from Hancock Street through Pacific Highway, and along Anna Avenue from Pacific Highway to Lovelock Street.

Justification: This project is needed to provide water supply reliability to Pacific Beach by replacing a 73-year-old deteriorating cast iron pipe; thereby, increasing capacity and allowing for increased operational flexibility.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with the Midway-Pacific Highway, Mission Beach, Peninsula and Pacific Beach Community Plans and is in conformance with the City's General Plan.

Schedule: Design was completed in Fiscal Year 2016. Construction began in Fiscal Year 2016 and was substantially completed in Fiscal Year 2022. Remaining construction activities are anticipated to be completed in Fiscal Year 2025.

Summary of Project Changes: The project schedule has been updated for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Water Utility - CIP Funding Source	700010	\$ 43,627,518	\$ 732,414	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 44,359,933
Total		\$ 43,627,518	\$ 732,414	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 44,359,933

Public Utilities

Pipeline Rehabilitation / AJA00002

Wastewater - Collection Sys - Main

Council District:	Citywide	Priority Score:	Annual
Community Planning:	Citywide	Priority Category:	Annual
Project Status:	Continuing	Contact Information:	Phung, Tung
Duration:	2010 - 2040		858-292-6425
Improvement Type:	Replacement		tphung@sandiego.gov

Description: This annual allocation provides for the rehabilitation and repair of deteriorated sewers and manholes at various locations within the Municipal Wastewater System.

Justification: This annual allocation provides for the extension of the useful life of sewers and manholes, improvements in the level of service to the residents of San Diego, and compliance with regulatory agencies' standards by reducing the possibility of sewer spills.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with applicable community plans and is in conformance with the City's General Plan.

Schedule: Projects will be scheduled on a priority basis.

Summary of Project Changes: Total project cost has increased due to updates to the cost and schedule of subprojects and relation to the CIP Five Year Planning document.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Muni Sewer Utility - CIP Funding Source	700008	\$ 76,362,070	\$ 19,487,533	\$ 16,813,198	\$ -	\$ 8,731,248	\$ 6,358,114	\$ 3,718,345	\$ 9,340,270	\$ -	\$ -	\$ 140,810,778
Total		\$ 76,362,070	\$ 19,487,533	\$ 16,813,198	\$ -	\$ 8,731,248	\$ 6,358,114	\$ 3,718,345	\$ 9,340,270	\$ -	\$ -	\$ 140,810,778

Public Utilities

Pressure Reduction Facility Upgrades / AKA00002

Water - Distribution Sys - Transmission

Council District:	Citywide	Priority Score:	Annual
Community Planning:	Citywide	Priority Category:	Annual
Project Status:	Continuing	Contact Information:	Phung, Tung
Duration:	2010 - 2040		858-292-6425
Improvement Type:	Replacement		tphung@sandiego.gov

Description: This annual allocation provides for replacing existing pressure reducing stations or expanding pressure capacities to meet present and future water demands.

Justification: Increasing demands for water throughout the City requires pressure reducing stations to better control water pressure throughout the City's system. This annual allocation will continue to fund the replacement and expansion of pressure reduction facilities.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with applicable community plans and is in conformance with the City's General Plan.

Schedule: Projects will be scheduled on a priority basis.

Summary of Project Changes: Total project cost has increased due to updates to the cost and schedule of subprojects.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Water Utility - CIP Funding Source	700010	\$ 1,898,613	\$ 7,313,487	\$ -	\$ -	\$ 5,035,114	\$ 4,390,422	\$ 754,575	\$ 508,484	\$ -	\$ -	\$ 19,900,696
Total		\$ 1,898,613	\$ 7,313,487	\$ -	\$ -	\$ 5,035,114	\$ 4,390,422	\$ 754,575	\$ 508,484	\$ -	\$ -	\$ 19,900,696

Public Utilities

PS 1 & 2 Improvements & Modernization / L24000

Bldg - MWWD - Pump Stations

Council District:	2 8	Priority Score:	72
Community Planning:	Barrio Logan; Peninsula	Priority Category:	Medium
Project Status:	New	Contact Information:	Ammerlahn, Parita
Duration:	2024 - 2030		619-533-5406
Improvement Type:	Replacement - Rehab		pammerlahn@sandiego.gov

Description: The project scope for Pump Station 1 (PS1) includes the installation of mechanical screens aboveground and pump bypass system, rehabilitation of wet wells #1 and #2. Replacement of pumps, starters with Variable Frequency Drives (VFDs), suction pipes, gate valves, and flow meters. At Pump Station 2 (PS2), project scope includes the replacement of top supports at mechanical screens 1 through 4, liquid rheostats with VFDs, pump cone valve actuators, suction valves, discharge valves, and suction pipe. Rehabilitation of wet wells #1 and #2 and 7 pumps (# 1,2,3,5,6,7, and 8). Repair of concrete and liner in influent channel.

Justification: The existing pump stations have reached or exceeded their anticipated service life. These improvements will allow the stations to run more efficiently and increase the reliability of the Metropolitan Wastewater System. Pump stations 1 and 2 working in conjunction are critical components for successful operation of the entire sewer system.

Operating Budget Impact: None

Relationship to General and Community Plans: This project is consistent with the Peninsula and Barrio Logan neighborhoods and is in conformance with the City's General Plan

Schedule: Design for phase 1 started in Fiscal Year 2022 and will be completed in Fiscal Year 2024. Design for phase 2 started in Fiscal Year 2022 and is anticipated to be completed in Fiscal Year 2025. Construction for phase 1 is anticipated to begin in Fiscal Year 2025 and be completed in Fiscal Year 2029. Construction for phase 2 is anticipated to begin in Fiscal Year 2026 and be completed in Fiscal Year 2029.

Summary of Project Changes: This is a newly published project for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025 Anticipated	FY 2026	FY 2027	FY 2028	FY 2029	Future FY	Unidentified Funding	Project Total
Metro Sewer Utility - CIP Funding Source	700009	\$ -	\$ 5,200,000	\$ -	\$ 10,000,000	\$ 15,000,000	\$ 15,000,000	\$ 5,000,000	\$ 4,886,964	\$ -	\$ -	\$ 55,086,964
Total		\$ -	\$ 5,200,000	\$ -	\$ 10,000,000	\$ 15,000,000	\$ 15,000,000	\$ 5,000,000	\$ 4,886,964	\$ -	\$ -	\$ 55,086,964

Public Utilities

PS2 Power Reliability & Surge Protection / S00312

Bldg - MWWd - Pump Stations

Council District:	2	Priority Score:	70
Community Planning:	Peninsula	Priority Category:	Medium
Project Status:	Continuing	Contact Information:	Choi, Jong
Duration:	2011 - 2027		619-533-5493
Improvement Type:	Expansion		jchoi@sandiego.gov

Description: This project improves the reliability of Pump Station 2 and provides the required surge protection and backup power against an electrical outage in compliance with the Environmental Protection Agency (EPA) recommendation of standby power for essential facilities. This project also provides the required building upgrades (ADA compliant restrooms and offices). Approximately 33 percent of all Metro Sewer Utility Fund expenditures related to this project are funded by Participating Agencies.

Justification: Sewer Pump Station 2 currently has three feeds from San Diego Gas and Electric (SDG&E). Two of the feeds are fed from the same substation. Neither of the two SDG&E substations provide 100% power to Pump Station 2. EPA guidelines recommend that facilities like Pump Station 2 be equipped with two separate and independent sources of electrical power provided from either two separate utility substations or from a single substation and a plant base generator. The current pump station electrical configuration does not comply with the EPA recommendations. Besides satisfying the EPA guidelines, it is also required that force main surge protection be provided at all times during pump station operation and in the event of a total power failure.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with the Peninsula Community Plan and is in conformance with the City's General Plan.

Schedule: Design began in Fiscal Year 2011 and was completed in Fiscal Year 2017. Construction began in Fiscal Year 2018 and is anticipated to be substantially completed in Fiscal Year 2025.

Summary of Project Changes: No significant changes were made to this project for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025							Unidentified Funding	Project Total	
				FY 2025	Anticipated	FY 2026	FY 2027	FY 2028	FY 2029	Future FY			
Metro Sewer Utility - CIP Funding Source	700009	\$ 73,300,691	\$ 2,735,941	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 76,036,633
Metropolitan Sewer Utility Fund	700001	64,166	-	-	-	-	-	-	-	-	-	-	64,166
Total		\$ 73,364,858	\$ 2,735,941	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 76,100,800

Public Utilities

Pump Station Restorations / ABP00001

Bldg - MWWD - Pump Stations

Council District:	Citywide	Priority Score:	Annual
Community Planning:	Citywide	Priority Category:	Annual
Project Status:	Continuing	Contact Information:	Phung, Tung
Duration:	2010 - 2040		858-292-6425
Improvement Type:	Replacement		tphung@sandiego.gov

Description: This annual allocation provides for the replacement of deteriorated municipal pumping equipment and/or pipeline appurtenances.

Schedule: Projects will be scheduled on a priority basis.

Justification: Many existing sewer pump stations have reached or exceeded their anticipated service life.

Summary of Project Changes: Total project cost has increased due to updates to the cost and schedule of subprojects.

Operating Budget Impact: None.

Relationship to General and Community Plans: This annual allocation is consistent with applicable community plans and is in conformance with the City's General Plan.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Muni Sewer Utility - CIP Funding Source	700008	\$ 9,102,520	\$ 1,535,604	\$ -	\$ -	\$ 1,494,894	\$ 1,807,096	\$ 6,575,818	\$ 10,169,678	\$ -	\$ -	\$ 30,685,610
Total		\$ 9,102,520	\$ 1,535,604	\$ -	\$ -	\$ 1,494,894	\$ 1,807,096	\$ 6,575,818	\$ 10,169,678	\$ -	\$ -	\$ 30,685,610

Public Utilities

Pure Water Phase 2 / ALA00002

Potable Reuse

Council District:	Citywide	Priority Score:	Annual
Community Planning:	Citywide	Priority Category:	Annual
Project Status:	Continuing	Contact Information:	Demich, Andrea
Duration:	2022 - 2040		858-614-5741
Improvement Type:	New		ademich@sandiego.gov

Description: The Pure Water Program will be implemented in two phases. This annual allocation provides funding for Phase 2 of the Program. It includes the design and construction of several facilities including a Small-Scale Facility that will be used to pilot technology, a 53 million gallon per day (MGD) Pure Water Facility, and a Central Area Water Reclamation Plant. An extensive conveyance system to deliver pure water between each facility and, ultimately, to a reservoir is also included.

Justification: This project is needed to meet the requirements in the upcoming Ocean Pollution Reduction Act II (OPRA II) legislation and to reduce reliance on external water sources by providing a resilient local water supply.

Operating Budget Impact: The operating budget impacts will reflect the staffing and non-personnel expenditures required to bring the Facilities online for continued operation and maintenance. As the project develops and progresses, operating impacts will be identified.

Relationship to General and Community Plans: This project is consistent with applicable community plans and is in conformance with the City's General Plan.

Schedule: The Small-Scale Facility design began in Fiscal Year 2021 and is expected to complete construction in Fiscal Year 2025. The remaining facilities and the conveyances are expected to begin design in phases between Fiscal Year 2026 and Fiscal Year 2027 with all infrastructure in service in Fiscal Year 2035. The City hired an external consultant in Fiscal Year 2024 to review the schedule and cost estimates. Future budget pages will reflect the revisions made in this process.

Summary of Project Changes: Total project cost has decreased due to updates to the cost and schedule of subprojects. The project schedule has been updated for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Metro Sewer Utility - CIP Funding Source	700009	\$ 17,141,231	\$ 7,183,052	\$ -	\$ -	\$ 5,000,000	\$ 10,000,000	\$ 25,000,000	\$ 1,000,000,000	\$ -	\$ -	\$ 1,064,324,284
Water Utility - CIP Funding Source	700010	27,857,588	11,554,696	-	-	10,000,000	20,000,000	55,000,000	2,500,000,000	-	-	2,624,412,284
Total		\$ 44,998,818	\$ 18,737,749	\$ -	\$ -	\$ 15,000,000	\$ 30,000,000	\$ 80,000,000	\$ 3,500,000,000	\$ -	\$ -	\$ 3,688,736,568

Public Utilities

Pure Water Program / ALA00001

Potable Reuse

Council District:	Citywide	Priority Score:	Annual
Community Planning:	Citywide	Priority Category:	Annual
Project Status:	Continuing	Contact Information:	Demich, Andrea
Duration:	2015 - 2030		858-614-5741
Improvement Type:	New		ademich@sandiego.gov

Description: The Pure Water Program will be implemented in two phases. This annual allocation provides funding for Phase I of the Program and it includes the design and construction of several facilities including a 30 million gallons per day (MGD) Pure Water Facility, expansion of the existing North City Water Reclamation Plant from 30 MGD to 52 MGD, 30 MGD Pure Water Pump Station and Conveyance system to deliver pure water to Miramar Reservoir, and a 37 MGD pump station and forcemain on Morena Blvd, which will convey additional wastewater from the central area of San Diego to the North City Water Reclamation Plant. The Phase I project will also include an upgrade to the Metro Biosolids Center (MBC) Facility. The capacity and location of the Phase II Pure Water project will be determined once Phase II Pure Water Program validation is complete.

Justification: This project is needed to meet the new permit requirement stipulated in the 2015 Point Loma Wastewater Treatment Plant permit application and to reduce reliance on external water sources by providing a secure local water supply.

Operating Budget Impact: The operating budget impact reflects the staffing and non-personnel expenditures required to bring the Pure Water Facilities online for continued operations and maintenance. As the project develops and progresses additional operating budget impacts will be identified.

Relationship to General and Community Plans: This project is consistent with applicable community plans and is in conformance with the City's General Plan and helps to implement the City's Climate Action Plan.

Schedule: Pure Water Phase 1 is currently in construction which is expected to be completed in Fiscal Year 2027. Construction activities will be followed by start-up and testing as well as ramp-up regulatory acceptance.

Summary of Project Changes: Total project cost has increased due to the cost and schedule of subprojects, which includes incorporation of revised soft costs estimates and approval of contingency change orders.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Grant Fund-Enterprise-State	710001	\$ 21,754,714	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21,754,714
Metro SDG&E Utility Relocation	700104	7,527,419	-	-	-	3,507,471	-	-	-	-	-	11,034,890
Metro Sewer Utility - CIP Funding Source	700009	413,768,547	127,709,962	34,627,336	-	24,444,945	21,713,573	7,713,572	4,000,000	-	-	633,977,935
Purewater (Wastewater) State Approp	700114	22,680,245	-	-	-	-	-	-	-	-	-	22,680,245
Purewater (Water) State Approp	700113	2,883,736	-	-	-	-	-	-	-	-	-	2,883,736
Water SDG&E Utility Relocation	700105	11,395,096	-	-	-	5,895,671	-	-	-	-	-	17,290,767
Water Utility - CIP Funding Source	700010	692,247,421	66,373,494	65,891,043	-	19,726,436	16,265,412	10,000,000	4,750,000	-	-	875,253,806
Total		\$ 1,172,257,177	\$ 194,083,456	\$ 100,518,379	\$ -	\$ 53,574,523	\$ 37,978,985	\$ 17,713,572	\$ 8,750,000	\$ -	\$ -	\$ 1,584,876,093

Operating Budget Impact

Department - Fund	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Public Utilities - METRO SEWER UTILITY	FTEs	8.67	8.67	8.67	8.67
Public Utilities - METRO SEWER UTILITY	Total Impact \$	7,247,445	18,795,238	18,795,238	18,795,238
Public Utilities - WATER UTILITY OPERATING	FTEs	44.33	38.33	38.33	38.33
Public Utilities - WATER UTILITY OPERATING	Total Impact \$	22,375,144	38,221,012	38,221,012	38,221,012

Public Utilities

Rancho Bernardo Industrial Pump Stn Replacement / S21004 Bldg - Water - Pump Stations

Council District:	5	Priority Score:	81
Community Planning:	Rancho Bernardo	Priority Category:	High
Project Status:	Continuing	Contact Information:	Rubalcava, Eric
Duration:	2021 - 2030		619-533-3647
Improvement Type:	Replacement		rubalcavae@sandiego.gov

Description: Construct a new Rancho Bernardo Industrial Pump Station (RBI PS) to meet future demand and fire flow in the Pomerado Park HGL 920 zone. This project also includes the demolition of the existing pump station.

Justification: The existing RBI PS needs to be replaced due to aging infrastructure and exceeded service life.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with the Rancho Bernardo neighborhood and is in conformance with the City's General Plan

Schedule: Design began in Fiscal Year 2024 and is anticipated to be completed in Fiscal Year 2025. Construction is scheduled to begin in Fiscal Year 2025 and is anticipated to be substantially completed in Fiscal Year 2027. Remaining construction activities are anticipated to be completed in Fiscal Year 2029.

Summary of Project Changes: \$150,000 in Water Utility - CIP funding was allocated to this project in Fiscal Year 2024 via City Council resolution. The project schedule has been updated for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Water Utility - CIP Funding Source	700010	\$ 2,977,574	\$ 222,425	\$ 3,498,000	\$ -	\$ 4,500,000	\$ 2,000,000	\$ -	\$ -	\$ -	\$ -	\$ 13,198,000
Total		\$ 2,977,574	\$ 222,425	\$ 3,498,000	\$ -	\$ 4,500,000	\$ 2,000,000	\$ -	\$ -	\$ -	\$ -	\$ 13,198,000

Public Utilities

Recycled Water Systems Upgrades / AHC00004

Reclaimed Water System - Pipelines

Council District:	Citywide	Priority Score:	Annual
Community Planning:	Citywide	Priority Category:	Annual
Project Status:	Continuing	Contact Information:	Phung, Tung
Duration:	2010 - 2040		858-292-6425
Improvement Type:	Expansion		tphung@sandiego.gov

Description: This annual allocation provides for the upgrade and replacement of recycled water system components as necessary.

Schedule: Projects will be scheduled on a priority basis.

Justification: Replacement and upgrades are necessary for the ongoing operation of the recycled water system.

Summary of Project Changes: No significant changes have been made to this project in Fiscal Year 2025.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with applicable community plans and is in conformance with the City's General Plan.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Water Utility - CIP Funding Source	700010	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
Total		\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000

Public Utilities

Sewer CIP Emergency Reserve / ABT00007

Bldg - Other City Facility / Structures

Council District:	Citywide	Priority Score:	Annual
Community Planning:	Citywide	Priority Category:	Annual
Project Status:	Continuing	Contact Information:	Balo, Keli
Duration:	2010 - 2040		858-292-6423
Improvement Type:	Betterment		kbalo@sandiego.gov

Description: This project is an emergency capital reserve intended to be used for emergency capital needs.

Justification: This reserve is required to comply with the City's reserve policy 100-20.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project acts as a reserve to fund projects on an as-needed basis. Projects utilizing this funding source are consistent with applicable community plans and are in conformance with the City's General Plan.

Schedule: The reserve will be used on an as-needed basis and will be held as a continuing appropriation.

Summary of Project Changes: No significant changes have been made to this project for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Metro Sewer Utility - CIP Funding Source	700009	\$ -	\$ 5,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,000,000
Muni Sewer Utility - CIP Funding Source	700008	-	5,000,000	-	-	-	-	-	-	-	-	5,000,000
Total		\$ -	\$ 10,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000,000

Public Utilities

Sewer Main Replacements / AJA00001

Wastewater - Collection Sys - Main

Council District:	Citywide	Priority Score:	Annual
Community Planning:	Citywide	Priority Category:	Annual
Project Status:	Continuing	Contact Information:	Phung, Tung
Duration:	2010 - 2040		858-292-6425
Improvement Type:	Replacement		tphung@sandiego.gov

Description: This annual allocation provides for the installation/replacement of deteriorated and undersized sewer mains at various locations within the Municipal Wastewater System.

Schedule: Projects will be scheduled on a priority basis.

Justification: This annual allocation provides for the replacement of sewer mains that are in a deteriorated condition or are undersized.

Summary of Project Changes: Total project cost has increased due to updates to the cost and schedule of subprojects and relation to the CIP Five Year Planning document.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with the applicable community plans and is in conformance with the City's General Plan.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Historical Fund	X999	\$ 3,886,721	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,886,721
Muni Sewer Utility - CIP Funding Source	700008	410,411,475	64,007,310	78,027,532	-	80,109,484	90,831,167	86,348,949	17,982,363	-	-	827,718,280
Municipal Sewer Revenue Fund	700000	302,948	-	-	-	-	-	-	-	-	-	302,948
Total		\$ 414,601,145	\$ 64,007,309	\$ 78,027,532	\$ -	\$ 80,109,484	\$ 90,831,167	\$ 86,348,949	\$ 17,982,363	\$ -	\$ -	\$ 831,907,949

Public Utilities

South San Diego Reservoir Replacement / S23004

Bldg - Water - Reservoirs/Dams

Council District:	Non-City	Priority Score:	70
Community Planning:	Non-City	Priority Category:	Medium
Project Status:	Continuing	Contact Information:	Faber, Melissa
Duration:	2023 - 2030		858-614-5712
Improvement Type:	Replacement		mfaber@sandiego.gov

Description: The project will replace the existing 15 million gallons (MG) rectangular concrete reservoir with two (2) 7.7 MG prestressed circular tanks and relocate Coronado Wye valving to reservoir site.

Justification: The reservoir has reached the end of its estimated useful life.

Operating Budget Impact: None.

Relationship to General and Community Plans: The project is outside of the city limits and there is no community planning area.

Schedule: Design is scheduled to begin in Fiscal Year 2025 and is anticipated to be completed in Fiscal Year 2027. Construction is scheduled to begin in Fiscal Year 2028 and anticipated to be completed in Fiscal Year 2030.

Summary of Project Changes: The project schedule has been updated for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Water Utility - CIP Funding Source	700010	\$ 15,169	\$ 484,830	\$ -	\$ -	\$ 2,000,000	\$ 5,000,000	\$ 8,000,000	\$ 10,000,000	\$ 20,100,000	\$ -	\$ 45,600,000
Total		\$ 15,169	\$ 484,830	\$ -	\$ -	\$ 2,000,000	\$ 5,000,000	\$ 8,000,000	\$ 10,000,000	\$ 20,100,000	\$ -	\$ 45,600,000

Public Utilities

Standpipe and Reservoir Rehabilitations / ABL00001

Bldg - Water - Standpipes

Council District:	Citywide	Priority Score:	Annual
Community Planning:	Citywide	Priority Category:	Annual
Project Status:	Continuing	Contact Information:	Phung, Tung
Duration:	2010 - 2040		858-292-6425
Improvement Type:	Replacement		tphung@sandiego.gov

Description: This annual allocation provides for rehabilitation, upgrades, and improvement projects at reservoirs, dams, and standpipes to improve operations and extend their service life.

Justification: The existing reservoirs, dams, and standpipes in the water system have deteriorated and need to be reconstructed or replaced to meet the current Occupational Safety and Health Act and Environmental Protection Agency safety and water quality standards.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with applicable community plans and is in conformance with the City's General Plan.

Schedule: Projects will be scheduled on a priority basis.

Summary of Project Changes: Total project cost has decreased due to updates to the cost and schedule of subprojects.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Water Utility - CIP Funding Source	700010	\$ 19,690,459	\$ 2,775,935	\$ 2,902,640	\$ -	\$ 5,706,236	\$ 4,639,171	\$ 3,548,482	\$ 2,542,419	\$ -	\$ -	\$ 41,805,342
Water Utility Operating Fund	700011	35,430	-	-	-	-	-	-	-	-	-	35,430
Total		\$ 19,725,889	\$ 2,775,935	\$ 2,902,640	\$ -	\$ 5,706,236	\$ 4,639,171	\$ 3,548,482	\$ 2,542,419	\$ -	\$ -	\$ 41,840,772

Public Utilities

Tecolote Canyon Trunk Sewer Improvement / S15020

Wastewater - Collection Sys - Trunk Swr

Council District:	2 7	Priority Score:	88
Community Planning:	Clairemont Mesa; Linda Vista	Priority Category:	Medium
Project Status:	Continuing	Contact Information:	Narvaez, Rex
Duration:	2015 - 2028		619-533-5127
Improvement Type:	Replacement - Rehab		rnarvaez@sandiego.gov

Description: This project upsizes approximately 3.82 miles of existing 15 to 21-inch vitrified clay (VC) sewer pipe to new 18- to 30-inch PVC in Tecolote Canyon to provide additional capacity, and to rehabilitate approximately 1.21 miles of existing 15-inch VC sewer pipe. An access path is also being designed and constructed as part of the project.

Justification: Improvements are needed to accommodate future flow capacity and address deteriorated conditions within the Tecolote Canyon Trunk Sewer.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with the Clairemont Mesa Community Plan and is in conformance with the City's General Plan.

Schedule: Design began in Fiscal Year 2016 and was completed in Fiscal Year 2024. Construction is scheduled to begin in Fiscal Year 2025 and is anticipated to be substantially completed in Fiscal Year 2027.

Summary of Project Changes: \$8.0 million of Muni Sewer Utility CIP funds were removed from this project in Fiscal Year 2024 via City Council Resolution. Total project cost has increased by \$6.5 million in Fiscal Year 2025 due to revised project cost. The project schedule has been updated for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Muni Sewer Utility - CIP Funding Source	700008	\$ 3,295,369	\$ 5,884,630	\$ 18,000,000	\$ -	\$ 18,000,000	\$ 8,500,000	\$ 200,000	\$ 574,379	\$ -	\$ -	\$ 54,454,379
Total		\$ 3,295,369	\$ 5,884,630	\$ 18,000,000	\$ -	\$ 18,000,000	\$ 8,500,000	\$ 200,000	\$ 574,379	\$ -	\$ -	\$ 54,454,379

Public Utilities

TH 16" Water Mains / RD21007

Water - Distribution Sys - Transmission

Council District:	5	Priority Score:	69
Community Planning:	Torrey Highlands	Priority Category:	Low
Project Status:	Continuing	Contact Information:	Busby, Breanne
Duration:	2021 - 2025		619-533-3710
Improvement Type:	New		bbusby@sandiego.gov

Description: This project is the extension of a 16" water line in Camino Del Sur from the SR-56 to 1,600 feet north of Park Village Road and in Carmel Mountain Road from the SR-56 to Camino Del Sur. Project also includes a 16" recycled water line extension in Camino Del Sur from the SR-56 to 1,600 feet north of Park Village Road. This is project U-3 in the Torrey Highlands Public Facilities Financing Plan. This project is partially funded by credits to the developer against the FBA and partially in cash.

Justification: This project implements the Torrey Highlands Subarea Plan.

Operating Budget Impact: The operating and maintenance funding for this project will be included in the Public Utilities budget.

Relationship to General and Community Plans: The project is consistent with the Torrey Highlands Subarea Plan and is in conformance with the City's General Plan.

Schedule: This project is being constructed by a developer pursuant to an executed reimbursement agreement with the City of San Diego. Design and construction began in Fiscal Year 2021 and is anticipated to be completed in early Fiscal Year 2024. Reimbursement payments to the developer began in Fiscal Year 2021 and are expected to be finalized in Fiscal Year 2025.

Summary of Project Changes: \$13,377 in Torrey Highlands FBA funding has been allocated to this project in Fiscal Year 2024 via City Council ordinance. The total project cost increased by \$5,771 due to increased construction costs.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025 Anticipated	FY 2026	FY 2027	FY 2028	FY 2029	Future FY	Unidentified Funding	Project Total
Torrey Highlands	400094	\$ 468,260	\$ 14,329	\$ -	\$ 147,689	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 630,278
Total		\$ 468,260	\$ 14,329	\$ -	\$ 147,689	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 630,278

Public Utilities

Tierrasanta (Via Dominique) Pump Station / S12040

Bldg - Water - Pump Stations

Council District:	7	Priority Score:	83
Community Planning:	Tierrasanta	Priority Category:	High
Project Status:	Warranty	Contact Information:	Rubalcava, Eric
Duration:	2010 - 2024		619-533-3647
Improvement Type:	Expansion		rubalcavae@sanidiego.gov

Description: This project provides for a new station with a total pump station capacity of 13.9 million gallons per day (MGD), and 2,900 feet of 16-inch transmission mains. It will replace the existing temporary Tierrasanta Pump Station and Via Dominique Pump Station and will serve the Tierrasanta Norte 900 Zone and the Tierrasanta 752 Zone.

Justification: The existing pump stations are past their useful life and are heavily deteriorated and inefficient.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with the Tierrasanta Community Plan and is in conformance with the City's General Plan.

Schedule: Design began in Fiscal Year 2011 and was completed in Fiscal Year 2016. Construction began in Fiscal Year 2017 and was completed in Fiscal Year 2022.

Summary of Project Changes: This project is complete and will be closed by the end of the fiscal year.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Water Utility - CIP Funding Source	700010	\$ 17,879,484	\$ 1,039,511	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18,918,996
Total		\$ 17,879,484	\$ 1,039,511	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18,918,996

Public Utilities

University Ave Pipeline Replacement / S11021

Water - Distribution Sys - Distribution

Council District:	3	Priority Score:	86
Community Planning:	Uptown; North Park	Priority Category:	High
Project Status:	Warranty	Contact Information:	Vitelle, Brian
Duration:	2011 - 2025		619-533-5105
Improvement Type:	Replacement		bvitelle@sandiego.gov

Description: This project replaces 23,072 linear feet of the existing cast iron University Avenue Pipeline with a new 16-inch distribution line along the entire alignment of the pipeline. This project will connect crossing distribution lines at all intersections, and re-connect all services, including tunneling at State Route 163.

Justification: This project will replace the existing deteriorated cast iron pipe. The University Avenue Pipeline was built in 1912 and lined with concrete in 1974. The replacement of cast-iron pipes is mandated by the California Department of Public Health's (CDPH) Compliance Order. The new pipeline will provide supply reliability and improve water quality.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with the Uptown and North Park Community Plans and is in conformance with the City's General Plan.

Schedule: Design began in Fiscal Year 2011 and was completed in Fiscal Year 2015. Construction began in Fiscal Year 2017 and was substantially completed in Fiscal Year 2021. Remaining construction activities are anticipated to be completed in Fiscal Year 2025.

Summary of Project Changes: \$250,000 in Water Utility - CIP funding has been allocated to this project in Fiscal Year 2024 via City Council resolution. Total project cost increased by \$250,000 due to revised construction costs. The project schedule has been updated for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Water Utility - CIP Funding Source	700010	\$ 28,968,509	\$ 701,287	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 29,669,796
Water Utility Operating Fund	700011	130,204	-	-	-	-	-	-	-	-	-	130,204
Total		\$ 29,098,712	\$ 701,287	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 29,800,000

Public Utilities

Upas St Pipeline Replacement / S11022

Water - Distribution Sys - Distribution

Council District:	2 3	Priority Score:	75
Community Planning:	Uptown; Greater North Park; Midway - Pacific Highway	Priority Category:	Low
Project Status:	Warranty	Contact Information:	Ammerlahn, Parita
Duration:	2011 - 2025		619-533-5406
Improvement Type:	Replacement		pammerlahn@sandiego.gov

Description: This project replaces 5.67 miles of cast iron mains along the Upas Street Pipeline from Ray Street to Pacific Highway, as well as portions of the 5th Avenue pipeline and the Park Boulevard pipeline. This project also installs one new pressure reducing station and replaces three existing pressure reducing stations.

Justification: This project will replace the existing deteriorated cast iron pipe. The new pipeline will improve supply reliability and water quality.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with the Uptown, Greater North Park, and Midway-Pacific Highway Community Plans and is in conformance with the City's General Plan.

Schedule: Design began in Fiscal Year 2012 and was completed in Fiscal Year 2014. Construction began in Fiscal Year 2016 and was substantially completed in Fiscal Year 2019. Remaining construction activities are anticipated to be completed in Fiscal Year 2025.

Summary of Project Changes: \$400,000 in Water Utility - CIP funding was allocated to this project in Fiscal Year 2024 via City Council resolution. Total project cost increased by \$400,000 due to revised cost estimates. The project schedule has been updated for Fiscal Year 2025.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025						Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029	Future FY		
PFFA-Water Rev Bonds Series 2016A	700095	\$ 2,317,395	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,317,395
Water Utility - CIP Funding Source	700010	33,445,970	788,552	-	-	-	-	-	-	-	-	34,234,522
Water Utility Operating Fund	700011	113,103	-	-	-	-	-	-	-	-	-	113,103
Total		\$ 35,876,467	\$ 788,552	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 36,665,019

Public Utilities

Water & Sewer Group Job 816 (W) / S13015

Water - Distribution Sys - Distribution

Council District:	1	Priority Score:	75
Community Planning:	Pacific Beach	Priority Category:	Low
Project Status:	Warranty	Contact Information:	Sleiman, Alexander
Duration:	2013 - 2024		619-533-7588
Improvement Type:	Expansion		asleiman@sandiego.gov

Description: This project is in the Pacific Beach Community and provides for the replacement and expansion of 30,879 linear feet of various pipe materials and sizes. This project also installs curb ramps and paving due to modifications to a pressure reducing station.

Justification: The majority of Pacific Beach Community pipelines are made of cast iron and are due for replacement in accordance with California Department of Public Health's (CDPH) Compliance Order. This project is intended to reduce maintenance and improve service.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with the Pacific Beach Community Plan and is in conformance with the City's General Plan.

Schedule: Planning began in Fiscal Year 2013 and was completed in Fiscal Year 2014. Design began in Fiscal Year 2014 and was completed in Fiscal Year 2015. Construction began in Fiscal Year 2016 and was substantially completed in Fiscal Year 2021. Remaining construction activities were completed in Fiscal Year 2023.

Summary of Project Changes: Project is expected to be closed by the end of the fiscal year..

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total	
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029				
Water Utility - CIP Funding Source	700010	\$ 15,945,895	\$ 253,496	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,199,392
Total		\$ 15,945,895	\$ 253,496	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,199,392

Public Utilities

Water CIP Emergency Reserve / ABT00008

Bldg - Other City Facility / Structures

Council District:	Citywide	Priority Score:	Annual
Community Planning:	Citywide	Priority Category:	Annual
Project Status:	Continuing	Contact Information:	Balo, Keli
Duration:	2010 - 2040		858-292-6423
Improvement Type:	Betterment		kbalo@sandiego.gov

Description: This annual allocation provides for an emergency financial reserve for Water Fund capital improvement projects.

Schedule: This reserve will be used on an as-needed basis and will be held as a continuing appropriation.

Justification: This reserve is required to comply with the City's reserve policy 100-20.

Summary of Project Changes: No significant changes have been made to this project for Fiscal Year 2025.

Operating Budget Impact: None.

Relationship to General and Community Plans: Projects utilizing this funding source are consistent with applicable community plans and are in conformance with the City's General Plan.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Water Utility - CIP Funding Source	700010	\$ -	\$ 5,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,000,000
Total		\$ -	\$ 5,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,000,000

Public Utilities

Water Main Replacements / AKB00003

Water - Distribution Sys - Distribution

Council District:	Citywide	Priority Score:	Annual
Community Planning:	Citywide	Priority Category:	Annual
Project Status:	Continuing	Contact Information:	Phung, Tung
Duration:	2010 - 2040		858-292-6425
Improvement Type:	Replacement		tphung@sandiego.gov

Description: This annual allocation allows for the installation/replacement of water mains at various locations throughout the City.

Justification: Water mains require replacement due to their deteriorated condition or size limitation. The existing pipeline is either approaching or has exceeded its expected life. The replacement of cast iron pipes is mandated by the California Department of Public Health's (CDPH) Compliance Order.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with applicable community plans and is in conformance with the City's General Plan.

Schedule: Projects will be scheduled on a priority basis.

Summary of Project Changes: Total project cost has increased due to updates to the cost and schedule of subprojects.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Historical Fund	X999	\$ 257,749	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 257,749
PFFA-Water Rev Bonds Series 2016A	700095	897,068	-	-	-	-	-	-	-	-	-	897,068
San Ysidro Irrigation District	700109	8,035,372	-	-	-	-	-	-	-	-	-	8,035,372
Water SDG&E Utility Relocation	700105	1,802,620	-	-	-	-	-	-	-	-	-	1,802,620
Water Utility - CIP Funding Source	700010	510,998,537	102,136,596	122,689,387	-	141,888,335	117,497,478	82,867,434	18,900,829	-	-	1,096,978,595
Water Utility Operating Fund	700011	100,336	(233)	-	-	-	-	-	-	-	-	100,103
Total		\$ 522,091,682	\$ 102,136,362	\$ 122,689,387	\$ -	\$ 141,888,335	\$ 117,497,478	\$ 82,867,434	\$ 18,900,829	\$ -	\$ -	\$ 1,108,071,507

Public Utilities

Water Pump Station Restoration / ABJ00001

Bldg - Water - Pump Stations

Council District:	Citywide	Priority Score:	Annual
Community Planning:	Citywide	Priority Category:	Annual
Project Status:	Continuing	Contact Information:	Phung, Tung
Duration:	2010 - 2040		858-292-6425
Improvement Type:	Replacement		tphung@sandiego.gov

Description: This annual allocation provides for replacing deteriorated pumping equipment and appurtenances or expanding pumping capacities to meet present and future water demands.

Justification: Many existing water pump stations have reached or exceeded their anticipated service life or demands have exceeded their maximum pumping capacity. However, because of the widely varying actual lengths of service life, scheduling for pump station restoration is difficult.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with applicable community plans and is in conformance with the City's General Plan.

Schedule: Projects will be scheduled on a priority basis.

Summary of Project Changes: Total project cost has decreased due to updates to the cost and schedule of subprojects.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Water Utility - CIP Funding Source	700010	\$ 28,431,906	\$ 1,436,703	\$ 2,200,000	\$ -	\$ 3,138,136	\$ 1,621,294	\$ 558,945	\$ -	\$ -	\$ -	\$ 37,386,984
Water Utility Operating Fund	700011	37,509	-	-	-	-	-	-	-	-	-	37,509
Total		\$ 28,469,415	\$ 1,436,703	\$ 2,200,000	\$ -	\$ 3,138,136	\$ 1,621,294	\$ 558,945	\$ -	\$ -	\$ -	\$ 37,424,493

Public Utilities

Water SCADA IT Upgrades / T22001

Intangible Assets - Information Tech

Council District:	Citywide	Priority Score:	N/A
Community Planning:	Citywide	Priority Category:	N/A
Project Status:	Continuing	Contact Information:	Lee, Jerome
Duration:	2021 - 2026		858-614-4087
Improvement Type:	Replacement		jlee@sandiego.gov

Description: This project will replace and upgrade the existing Supervisory Control and Data Acquisition (SCADA) equipment for the water system. This project was converted from S21001 - Water SCADA IT Upgrades in Fiscal Year 2022.

Schedule: Planning and design for the SCADA upgrade began in Fiscal Year 2020 and was completed in Fiscal Year 2024. Implementation is anticipated to begin in Fiscal Year 2025 and be completed in Fiscal Year 2026.

Justification: The current system is over 20 years old and obsolete. The new system will enhance monitoring and control capabilities.

Summary of Project Changes: The project schedule has been updated for Fiscal Year 2025.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with applicable community plans and is in conformance with the City's General Plan.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Water Utility - CIP Funding Source	700010	\$ 357,632	\$ 7,342,367	\$ -	\$ -	\$ 8,400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,100,000
Total		\$ 357,632	\$ 7,342,367	\$ -	\$ -	\$ 8,400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,100,000

Public Utilities

Water Treatment Plants / ABI00001

Bldg - Water - Treatment Plants

Council District:	5 7 Non-City	Priority Score:	Annual
Community Planning:	Scripps Miramar Ranch; Navajo; Non-City	Priority Category:	Annual
Project Status:	Continuing	Contact Information:	Phung, Tung
Duration:	2013 - 2040		858-292-6425
Improvement Type:	Replacement		tphung@sandiego.gov

Description: This annual allocation provides for upgrades and replacement of the treatment facilities at Alvarado, Miramar, and Otay water treatment plants.

Justification: These improvements are necessary to ensure a reliable water supply to the customers and for compliance under the Safe Drinking Water Act.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with applicable community plans and is in conformance with the City's General Plan.

Schedule: Projects will be scheduled on a priority basis.

Summary of Project Changes: Total project cost has increased due to updates to the cost and schedule of sub-projects.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2025	FY 2025					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2026	FY 2027	FY 2028	FY 2029			
Water Utility - CIP Funding Source	700010	\$ 16,059,146	\$ 4,905,060	\$ 5,545,571	\$ -	\$ 6,493,930	\$ 1,307,853	\$ 50,772	\$ -	\$ -	\$ -	\$ 34,362,333
Total		\$ 16,059,146	\$ 4,905,060	\$ 5,545,571	\$ -	\$ 6,493,930	\$ 1,307,853	\$ 50,772	\$ -	\$ -	\$ -	\$ 34,362,333