SARA: FAB

February 5, 2026

Unique situation, unique system, unique framework
Based on sound engineering principles

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Project Background

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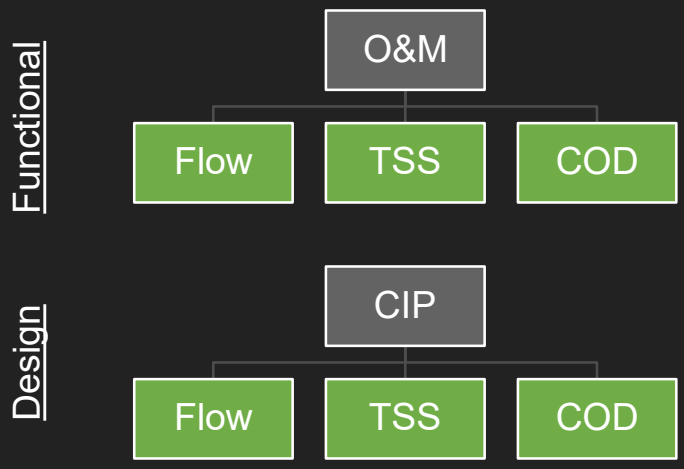
SAN DIEGO METRO WASTEWATER BILLING SYSTEM

Current Functional-Design Allocations



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SAN DIEGO METRO WASTEWATER BILLING SYSTEM

Existing Framework: Metro System Wastewater

	FLOW	TSS	COD
OPERATIONS & MAINTENANCE EXPENSES			
Pump Stations & Pipelines	100%		
Treatment & Disposal			
Point Loma WWTP	35%	40%	25%
North City WRP	75%	10%	15%
South Bay WRP	75%	10%	15%
Metropolitan Biosolids Center		50%	50%
Cogeneration Facilities & Gas Utilization Facility		60%	40%
QC: Marine Biology & Ocean Operations	30%	40%	30%
QC: Wastewater Chemistry Services	30%	40%	30%
All Other Engineering, QC, Support, and Compliance	46%	29%	25%
CAPITAL IMPROVEMENT PROJECTS			
Fixed Allocation of CIP	56%	22%	22%

Represented an equitable allocation of costs for the conditions at the time.

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SAN DIEGO METRO WASTEWATER BILLING SYSTEM

Why Make Changes?

Update Allocation Basis:

1. Current allocations developed in 1998
2. Updated with Pure Water elements in 2019, implemented in 2023
   - Melded Percentage (Exhibit G)
   - Pure Water Capital Expense Rate (Exhibit F)
   - Pure Water Revenue Sharing (Repurified Water Revenue) (Exhibit F)

Changing System Dynamics:

1. Pt. Loma: Cornerstone Treatment Facility → RSDP* & Peaking Plant
2. City and PA Advanced Water Treatment
3. Evolving Flows & Loads
4. Maintain a fair and equitable structure for current and evolving future conditions

**RSDP = Reject Stream from a Demineralization Process at Advanced Water Purification Facilities*

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SAN DIEGO METRO WASTEWATER BILLING SYSTEM

How did we get here?

2018: Identified the agreement and billing system would require updating
- Included a specific need for a fixed charge and a capacity basis
- Recognized East County's future reduced flows

2021: Goals of ARA update agreed upon
- Fair to all parties
- Increase capacity-based user charge
- Etc.

2022-Present: Develop Exhibit B
- Ownership units of service for average flow, incremental peak, RSDP, COD and TSS

2022: Presentation on approach to billing framework update to MetroTAC

2023: Consensus on functional-design allocation percentages

Feb. 2024: Presented approach to allocating RSDP-related costs to MetroTAC

Apr. 2024: Presented approach to capacity allocations and fixed charges to MetroTAC

May 2024: Presented RSDP, capacity allocations and fixed charges to JPA

Apr. & May 2025: Presented overall framework and agency impacts to Metro TAC and JPA

Plus: *Additional workshops & meetings conducted to review framework details & answer questions*

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SAN DIEGO METRO WASTEWATER BILLING SYSTEM

Project Approach

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SAN DIEGO METRO WASTEWATER BILLING SYSTEM

Four Key Changes

Update Allocations

- Reflect evolving dynamics in the system

Incorporate Municipal RSDP Discharges

- Allow for direct allocation to RSDP for unique system impacts

Recover Costs Associated with Capacity Needs

- Account for system capacity needs distinct from daily flows

Add a Fixed Charge to Billing Framework

- More closely align fixed costs with fixed charges

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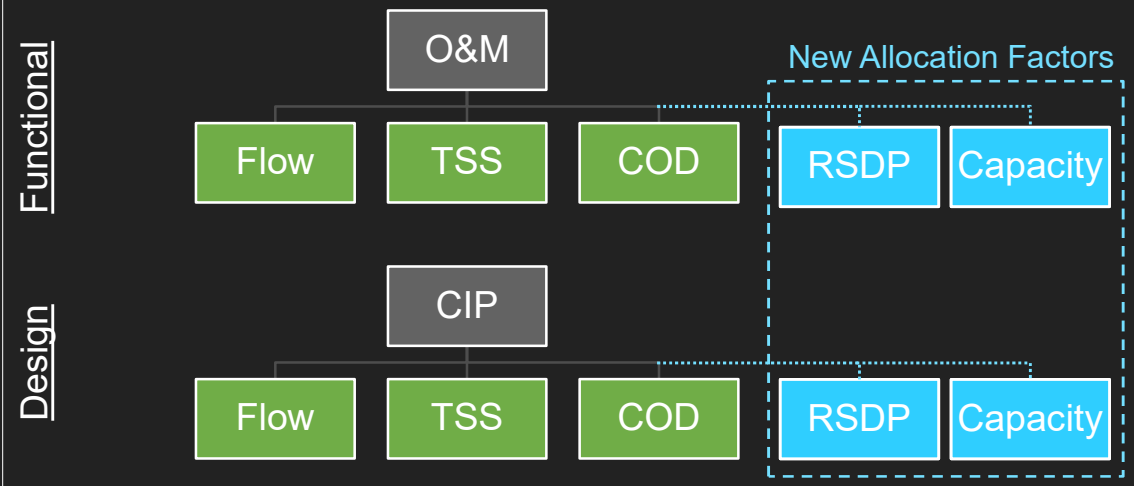
SAN DIEGO METRO WASTEWATER BILLING SYSTEM

Functional-Design Allocations



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SAN DIEGO METRO WASTEWATER BILLING SYSTEM

Functional-Design Allocations

Design Basis

1. Detailed review of physical assets
   - Allocations by plant and by function/process
   - Allocating asset value to parameters
2. Similar approach for capital projects

Functional Basis

1. Detailed review of entire O&M budget
2. Allocate direct O&M budget by plant
   - Functional allocation of assets
   - Question: "What kinds of things will change?"
3. Work with operations & engineering staff to review functional basis
   - Review and affirm allocations based on process and asset changes, and projected staffing and operating costs

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SAN DIEGO METRO WASTEWATER BILLING SYSTEM

Allocation Workshop

Contract Working Group gathered in person in PUD offices

- City Engineers & Operations Staff
- City Finance Staff
- PA Engineering & Financial Consultants
- City Engineering & Financial Consultants

Reviewed modeling approach & developed allocations

- Estimated relative value of each unit process for each plant
- Allocated unit processes to parameters
- **Led to consensus on all allocation factors at October 18 Metro TAC meeting**

Discussed potential for RSDP allocation basis

- Provided background for potential RSDP allocation
- Discussed findings of studies of RSDP on chemicals, aeration, retention time, etc.
- **Determined a RSDP cost recovery approach, final numbers to be determined**

Unique situation, unique system, unique framework needed
Based on sound engineering principles

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SAN DIEGO METRO WASTEWATER BILLING SYSTEM

Billing and Agency Impacts

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SAN DIEGO METRO WASTEWATER BILLING SYSTEM

Current System, 2024 Flows & Strength

Table D O&M

DESCRIPTION	ACTUAL COSTS	ALLOCATION OF O&M COSTS											
		AVERAGE/ METERED FLOW %	AVERAGE/ METERED FLOW COSTS	INCREMENTAL PEAK FLOW %	INCREMENTAL PEAK FLOW COSTS	RSDP %	RSDP COSTS	SS %	SS COSTS	COD %	COD COSTS	PURE WATER PHASE 1 %	PURE WATER PHASE 1 COSTS	TOTAL COSTS
OPERATION AND MAINTENANCE :														
TRANSMISSION AND SYSTEM MAINTENANCE	$8,470,636	100.0%	$8,470,636	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	$8,470,636
PUMP STATION 2	$12,808,430	100.0%	$12,808,430	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	$12,808,430
NORTH CITY WRP	$18,606,273	75.0%	$13,954,705	0.0%	$0	0.0%	$0	10.0%	$1,860,627	15.0%	$2,790,941	0.0%	$0	$18,606,273
SOUTH BAY WRP	$7,309,478	75.0%	$5,482,109	0.0%	$0	0.0%	$0	10.0%	$730,948	15.0%	$1,096,422	0.0%	$0	$7,309,478
POINT LOMA	$39,597,136	35.0%	$13,858,998	0.0%	$0	0.0%	$0	40.0%	$15,838,854	25.0%	$9,899,284	0.0%	$0	$39,597,136
ENVIRONMENTAL SUPPORT	$15,539,324	30.0%	$4,661,797	0.0%	$0	0.0%	$0	40.0%	$6,215,730	30.0%	$4,661,797	0.0%	$0	$15,539,324
ENGINEERING SERVICES	$16,995,546	43.4%	$7,367,864	0.0%	$0	0.0%	$0	30.8%	$5,228,297	25.9%	$4,399,385	0.0%	$0	$16,995,546
COGENERATION + MBC	$34,310,723	0.0%	$0	0.0%	$0	0.0%	$0	50.7%	$17,388,676	49.3%	$16,922,047	0.0%	$0	$34,310,723
OPERATIONAL SUPPORT	$19,173,679	43.4%	$8,312,122	0.0%	$0	0.0%	$0	30.8%	$5,898,351	25.9%	$4,963,206	0.0%	$0	$19,173,679
BUSINESS SUPPORT ADMINISTRATION	$609,720	43.4%	$264,324	0.0%	$0	0.0%	$0	30.8%	$187,567	25.9%	$157,829	0.0%	$0	$609,720
PURE WATER O&M	$5,451,371	43.4%	$2,363,264	0.0%	$0	0.0%	$0	30.8%	$1,676,992	25.9%	$1,411,116	0.0%	$0	$5,451,371
TOTAL OPERATIONS AND MAINTENANCE	$178,872,316	43.4%	$77,544,248	0.0%	$0	0.0%	$0	30.8%	$55,026,041	25.9%	$46,302,028	0.00%	$0	$178,872,316

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SAN DIEGO METRO WASTEWATER BILLING SYSTEM

Current System, 2024 Flows & Strength

Table D Capital Cost & Totals

DESCRIPTION	ACTUAL COSTS	ALLOCATION OF CAPITAL COSTS											
		AVERAGE FLOW %	AVERAGE FLOW COSTS	INCREMENTAL PEAK FLOW %	INCREMENTAL PEAK FLOW COSTS	RSDP %	RSDP COSTS	SS %	SS COSTS	COD %	COD COSTS	PURE WATER PHASE 1 %	PURE WATER PHASE 1 COSTS	TOTAL COSTS
CAPITAL IMPROVEMENT PROGRAM:														
PAY-AS-YOU-GO METRO 41509	$41,551,620	55.8%	$23,185,804	0.0%	$0	0.0%	$0	22.0%	$9,141,356	22.2%	$9,224,460	0.0%	$0	$41,551,620
DEBT SERVICE	$97,356,616	55.8%	$54,324,992	0.0%	$0	0.0%	$0	22.0%	$21,418,455	22.2%	$21,613,169	0.0%	$0	$97,356,616
TOTAL NON-PUREWATER CAPITAL IMPROVEMENT PROGRAM	$138,908,236	55.8%	$77,510,796	0.0%	$0	0.0%	$0	22.0%	$30,559,812	22.2%	$30,837,628	0.0%	$0	$138,908,236
TOTAL NON-PURE WATER O&M & CAPITAL IMPROVEMENT PROGRAM	$317,780,552	48.8%	$155,055,043	0.0%	$0	0.0%	$0	26.9%	$85,585,853	24.3%	$77,139,656	0.0%	$0	$317,780,552
PURE WATER CAPITAL RATE COST (PAY-GO)	$14,035,210	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	100.0%	$14,035,210	$14,035,210
TOTAL COSTS	$331,815,762	46.7%	$155,055,043	0.0%	$0	0.0%	$0	25.8%	$85,585,853	23.2%	$77,139,656	4.2%	$14,035,210	$331,815,762

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SAN DIEGO METRO WASTEWATER BILLING SYSTEM

Current System, Post-2027 Flows & Strength

Table D O&M

DESCRIPTION	ACTUAL COSTS	ALLOCATION OF O&M COSTS											
		AVERAGE/ METERED FLOW %	AVERAGE/ METERED FLOW COSTS	INCREMENTAL PEAK FLOW %	INCREMENTAL PEAK FLOW COSTS	RSDP %	RSDP COSTS	SS %	SS COSTS	COD %	COD COSTS	PURE WATER PHASE 1 %	PURE WATER PHASE 1 COSTS	TOTAL COSTS
OPERATION AND MAINTENANCE :														
TRANSMISSION AND SYSTEM MAINTENANCE	$8,470,636	100.0%	$8,470,636	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	$8,470,636
PUMP STATION 2	$12,808,430	100.0%	$12,808,430	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	$12,808,430
NORTH CITY WRP	$18,606,273	75.0%	$13,954,705	0.0%	$0	0.0%	$0	10.0%	$1,860,627	15.0%	$2,790,941	0.0%	$0	$18,606,273
SOUTH BAY WRP	$7,309,478	75.0%	$5,482,109	0.0%	$0	0.0%	$0	10.0%	$730,948	15.0%	$1,096,422	0.0%	$0	$7,309,478
POINT LOMA	$39,597,136	35.0%	$13,858,998	0.0%	$0	0.0%	$0	40.0%	$15,838,854	25.0%	$9,899,284	0.0%	$0	$39,597,136
ENVIRONMENTAL SUPPORT	$15,539,324	30.0%	$4,661,797	0.0%	$0	0.0%	$0	40.0%	$6,215,730	30.0%	$4,661,797	0.0%	$0	$15,539,324
ENGINEERING SERVICES	$16,995,546	43.4%	$7,367,864	0.0%	$0	0.0%	$0	30.8%	$5,228,297	25.9%	$4,399,385	0.0%	$0	$16,995,546
COGENERATION + MBC	$34,310,723	0.0%	$0	0.0%	$0	0.0%	$0	50.7%	$17,388,676	49.3%	$16,922,047	0.0%	$0	$34,310,723
OPERATIONAL SUPPORT	$19,173,679	43.4%	$8,312,122	0.0%	$0	0.0%	$0	30.8%	$5,898,351	25.9%	$4,963,206	0.0%	$0	$19,173,679
BUSINESS SUPPORT ADMINISTRATION	$609,720	43.4%	$264,324	0.0%	$0	0.0%	$0	30.8%	$187,567	25.9%	$157,829	0.0%	$0	$609,720
PURE WATER O&M	$5,451,371	43.4%	$2,363,264	0.0%	$0	0.0%	$0	30.8%	$1,676,992	25.9%	$1,411,116	0.0%	$0	$5,451,371
TOTAL OPERATIONS AND MAINTENANCE	$178,872,316	43.4%	$77,544,248	0.0%	$0	0.0%	$0	30.8%	$55,026,041	25.9%	$46,302,028	0.00%	$0	$178,872,316

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SAN DIEGO METRO WASTEWATER BILLING SYSTEM

Current System, Post-2027 Flows & Strength

Table D Capital Cost & Totals

DESCRIPTION	ACTUAL COSTS	ALLOCATION OF CAPITAL COSTS											
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CAPITAL IMPROVEMENT PROGRAM:														
PAY-AS-YOU-GO METRO 41509	$41,551,620	55.8%	$23,185,804	0.0%	$0	0.0%	$0	22.0%	$9,141,356	22.2%	$9,224,460	0.0%	$0	$41,551,620
DEBT SERVICE	$97,356,616	55.8%	$54,324,992	0.0%	$0	0.0%	$0	22.0%	$21,418,455	22.2%	$21,613,169	0.0%	$0	$97,356,616
TOTAL NON-PUREWATER CAPITAL IMPROVEMENT PROGRAM	$138,908,236	55.8%	$77,510,796	0.0%	$0	0.0%	$0	22.0%	$30,559,812	22.2%	$30,837,628	0.0%	$0	$138,908,236
TOTAL NON-PURE WATER O&M & CAPITAL IMPROVEMENT PROGRAM	$317,780,552	48.8%	$155,055,043	0.0%	$0	0.0%	$0	26.9%	$85,585,853	24.3%	$77,139,656	0.0%	$0	$317,780,552
PURE WATER CAPITAL RATE COST (PAY-GO)	$14,035,210	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	100.0%	$14,035,210	$14,035,210
TOTAL COSTS	$331,815,762	46.7%	$155,055,043	0.0%	$0	0.0%	$0	25.8%	$85,585,853	23.2%	$77,139,656	4.2%	$14,035,210	$331,815,762

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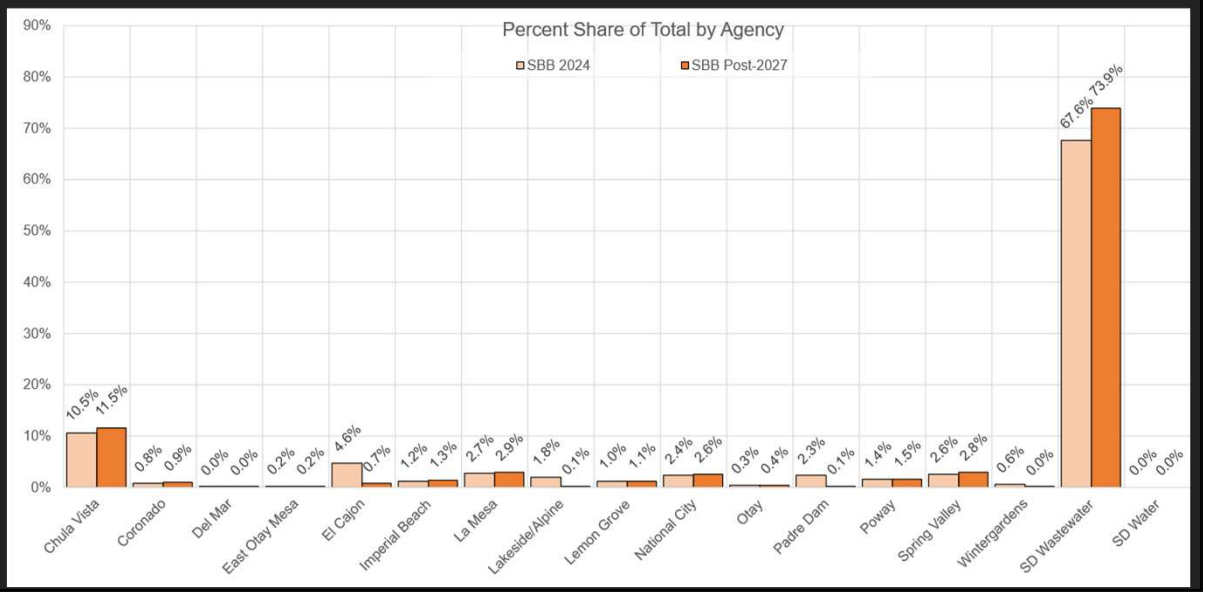
SAN DIEGO METRO WASTEWATER BILLING SYSTEM

Summary of Agency Impacts

Current SBB: 2024 and Post-2027



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SAN DIEGO METRO WASTEWATER BILLING SYSTEM

FAB System, 2024 Flows & Strength

Table D O&M

DESCRIPTION	ACTUAL COSTS	ALLOCATION OF O&M COSTS												
		AVERAGE/ METERED FLOW %	AVERAGE/ METERED FLOW COSTS	INCREMENTAL PEAK FLOW %	INCREMENTAL PEAK FLOW COSTS	RSDP %	RSDP COSTS	SS %	SS COSTS	COD %	COD COSTS	PURE WATER PHASE 1 %	PURE WATER PHASE 1 COSTS	TOTAL COSTS
OPERATION AND MAINTENANCE :														
TRANSMISSION AND SYSTEM MAINTENANCE	$8,470,636	100.0%	$8,470,636	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	$8,470,636
PUMP STATION 2	$12,808,430	76.7%	$9,828,005	23.3%	$2,980,425	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	$12,808,430
NORTH CITY WRP	$18,606,273	53.7%	$9,991,569	0.0%	$0	0.0%	$0	19.3%	$3,591,011	27.0%	$5,023,694	0.0%	$0	$18,606,273
SOUTH BAY WRP	$7,309,478	51.8%	$3,782,655	0.0%	$0	0.0%	$0	22.0%	$1,608,085	26.3%	$1,918,738	0.0%	$0	$7,309,478
POINT LOMA	$39,597,136	43.2%	$17,103,864	20.3%	$8,040,318	0.0%	$0	29.5%	$11,681,155	7.0%	$2,771,800	0.0%	$0	$39,597,136
ENVIRONMENTAL SUPPORT	$16,149,044	100.0%	$16,149,044	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	$16,149,044
ENGINEERING SERVICES	$16,995,546	29.8%	$5,058,485	3.1%	$522,049	0.0%	$0	51.0%	$8,668,123	16.2%	$2,746,889	0.0%	$0	$16,995,546
COGENERATION + MBC	$34,310,723	5.0%	$1,715,536	0.0%	$0	0.0%	$0	85.0%	$29,164,115	10.0%	$3,431,072	0.0%	$0	$34,310,723
OPERATIONAL SUPPORT	$19,173,679	46.7%	$8,962,352	7.5%	$1,434,825	0.0%	$0	35.5%	$6,801,026	10.3%	$1,975,476	0.0%	$0	$19,173,679
BUSINESS SUPPORT ADMINISTRATION	$0	46.7%	$0	7.5%	$0	0.0%	$0	35.5%	$0	10.3%	$0	0.0%	$0	$0
PURE WATER O&M	$5,451,371	46.7%	$2,548,134	7.5%	$407,943	0.0%	$0	35.5%	$1,933,636	10.3%	$561,658	0.0%	$0	$5,451,371
TOTAL OPERATIONS AND MAINTENANCE	$178,872,316	46.74%	$83,610,279	7.48%	$13,385,559	0.00%	$0	35.47%	$63,447,151	10.30%	$18,429,327	0.00%	$0	$178,872,316

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SAN DIEGO METRO WASTEWATER BILLING SYSTEM

FAB System, 2024 Flows & Strength

Table D Capital Cost & Totals

DESCRIPTION	ACTUAL COSTS	ALLOCATION OF CAPITAL COSTS (FIXED) AVERAGE FLOW %	AVERAGE FLOW COSTS	INCREMENTAL PEAK FLOW %	INCREMENTAL PEAK FLOW COSTS	RSDP %	RSDP COSTS	SS %	SS COSTS	COD %	COD COSTS	PURE WATER PHASE 1 %	PURE WATER PHASE 1 COSTS	TOTAL COSTS
DEBT :														
HISTORICAL REVENUE BONDS	$90,713,642	55.8%	$50,613,524	0.0%	$0	0.0%	$0	22.0%	$19,954,983	22.2%	$20,145,136	0.0%	$0	$90,713,642
BOND 2022A	$1,604,532	27.3%	$437,844	4.3%	$68,944	0.0%	$0	54.3%	$871,914	14.1%	$225,830	0.0%	$0	$1,604,532
STATE REVOLVING FUNDS NON-PURE WATER	$5,038,441	26.9%	$1,357,222	15.9%	$801,617	0.0%	$0	48.2%	$2,427,933	9.0%	$451,669	0.0%	$0	$5,038,441
TOTAL DEBT	$97,356,616	52.2%	$52,408,590	1.6%	$870,562	0.0%	$0	25.4%	$23,254,831	20.7%	$20,822,634	0.0%	$0	$97,356,616
PAY-AS-YOU-GO METRO SYSTEM:														
PAY-AS-YOU-GO METRO 41509	$41,551,620	28.7%	$11,920,106	4.8%	$1,990,639	0.0%	$0	53.0%	$22,025,037	13.5%	$5,615,838	0.0%	$0	$41,551,620
TOTAL NON-PUREWATER CAPITAL IMPROVEMENT PROGRAM	$138,908,236	46.3%	$64,328,696	2.1%	$2,861,201	0.0%	$0	32.6%	$45,279,867	19.0%	$26,438,472	0.0%	$0	$138,908,236
TOTAL NON-PURE WATER O&M & CAPITAL IMPROVEMENT PROGRAM	$317,780,552	46.6%	$147,938,975	5.1%	$16,246,760	0.0%	$0	34.2%	$108,727,018	14.1%	$44,867,800	0.0%	$0	$317,780,552
PURE WATER CAPITAL COSTS:														
STATE REVOLVING FUNDS PURE WATER	$14,035,210	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	100.0%	$14,035,210	$14,035,210
PAYGO PURE WATER	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	100.0%	$0	$0
TOTAL COSTS	$331,815,762	44.6%	$147,938,975	4.9%	$16,246,760	0.0%	$0	32.8%	$108,727,018	13.5%	$44,867,800	4.2%	$14,035,210	$331,815,762

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SAN DIEGO METRO WASTEWATER BILLING SYSTEM

FAB System, Post-2027 Flows & Strength

Table D O&M

DESCRIPTION	ACTUAL COSTS	ALLOCATION OF O&M COSTS AVERAGE/ METERED FLOW %	AVERAGE/ METERED FLOW COSTS	INCREMENTAL PEAK FLOW %	INCREMENTAL PEAK FLOW COSTS	RSDP %	RSDP COSTS	SS %	SS COSTS	COD %	COD COSTS	PURE WATER PHASE 1 %	PURE WATER PHASE 1 COSTS	TOTAL COSTS
OPERATION AND MAINTENANCE :														
TRANSMISSION AND SYSTEM MAINTENANCE	$8,470,636	100.0%	$8,470,636	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	$8,470,636
PUMP STATION 2	$12,808,430	73.3%	$9,386,769	23.6%	$3,028,099	3.1%	$393,562	0.0%	$0	0.0%	$0	0.0%	$0	$12,808,430
NORTH CITY WRP	$18,606,273	53.7%	$9,991,569	0.0%	$0	0.0%	$0	19.3%	$3,591,011	27.0%	$5,023,694	0.0%	$0	$18,606,273
SOUTH BAY WRP	$7,309,478	51.8%	$3,782,655	0.0%	$0	0.0%	$0	22.0%	$1,608,085	26.3%	$1,918,738	0.0%	$0	$7,309,478
POINT LOMA	$39,597,136	41.1%	$16,292,167	20.6%	$8,168,928	1.7%	$683,086	29.5%	$11,681,155	7.0%	$2,771,800	0.0%	$0	$39,597,136
ENVIRONMENTAL SUPPORT	$16,149,044	100.0%	$16,149,044	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	$16,149,044
ENGINEERING SERVICES	$16,995,546	29.5%	$5,005,782	3.1%	$530,399	0.3%	$44,352	51.0%	$8,668,123	16.2%	$2,746,889	0.0%	$0	$16,995,546
COGENERATION + MBC	$34,310,723	5.0%	$1,715,536	0.0%	$0	0.0%	$0	85.0%	$29,164,115	10.0%	$3,431,072	0.0%	$0	$34,310,723
OPERATIONAL SUPPORT	$19,173,679	45.9%	$8,800,055	7.6%	$1,457,776	0.7%	$139,346	35.5%	$6,801,026	10.3%	$1,975,476	0.0%	$0	$19,173,679
BUSINESS SUPPORT ADMINISTRATION	$0	45.9%	$0	7.6%	$0	0.7%	$0	35.5%	$0	10.3%	$0	0.0%	$0	$0
PURE WATER O&M	$5,451,371	45.9%	$2,501,991	7.6%	$414,468	0.7%	$39,618	35.5%	$1,933,636	10.3%	$561,658	0.0%	$0	$5,451,371
TOTAL OPERATIONS AND MAINTENANCE	$178,872,316	45.90%	$82,096,204	7.60%	$13,599,671	0.73%	$1,299,963	35.47%	$63,447,151	10.30%	$18,429,327	0.00%	$0	$178,872,316

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SAN DIEGO METRO WASTEWATER BILLING SYSTEM

FAB System, Post-2027 Flows & Strength

Table D Capital Cost & Totals

DESCRIPTION	ACTUAL COSTS	ALLOCATION OF CAPITAL COSTS (FIXED) AVERAGE FLOW %	AVERAGE FLOW COSTS	INCREMENTAL PEAK FLOW %	INCREMENTAL PEAK FLOW COSTS	RSDP %	RSDP COSTS	SS %	SS COSTS	COD %	COD COSTS	PURE WATER PHASE 1 %	PURE WATER PHASE 1 COSTS	TOTAL COSTS
DEBT :														
HISTORICAL REVENUE BONDS	$90,713,642	55.8%	$50,613,524	0.0%	$0	0.0%	$0	22.0%	$19,954,983	22.2%	$20,145,136	0.0%	$0	$90,713,642
BOND 2022A	$1,604,532	27.0%	$433,234	4.3%	$68,670	0.3%	$4,885	54.3%	$871,914	14.1%	$225,830	0.0%	$0	$1,604,532
STATE REVOLVING FUNDS NON-PURE WATER	$5,038,441	25.9%	$1,303,617	15.8%	$798,427	1.1%	$56,795	48.2%	$2,427,933	9.0%	$451,669	0.0%	$0	$5,038,441
TOTAL DEBT	$97,356,616	52.1%	$52,350,374	1.6%	$867,097	0.1%	$61,680	25.4%	$23,254,831	20.7%	$20,822,634	0.0%	$0	$97,356,616
PAY-AS-YOU-GO METRO SYSTEM:														
PAY-AS-YOU-GO METRO 41509	$41,551,620	28.4%	$11,786,991	4.8%	$1,982,717	0.3%	$141,038	53.0%	$22,025,037	13.5%	$5,615,838	0.0%	$0	$41,551,620
TOTAL NON-PUREWATER CAPITAL IMPROVEMENT PROGRAM	$138,908,236	46.2%	$64,137,365	2.1%	$2,849,814	0.1%	$202,718	32.6%	$45,279,867	19.0%	$26,438,472	0.0%	$0	$138,908,236
TOTAL NON-PURE WATER O&M & CAPITAL IMPROVEMENT PROGRAM	$317,780,552	46.0%	$146,233,569	5.2%	$16,449,484	0.5%	$1,502,681	34.2%	$108,727,018	14.1%	$44,867,800	0.0%	$0	$317,780,552
PURE WATER CAPITAL COSTS:														
STATE REVOLVING FUNDS PURE WATER	$14,035,210	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	100.0%	$14,035,210	$14,035,210
PAYGO PURE WATER	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	100.0%	$0	$0
TOTAL COSTS	$331,815,762	44.1%	$146,233,569	5.0%	$16,449,484	0.5%	$1,502,681	32.8%	$108,727,018	13.5%	$44,867,800	4.2%	$14,035,210	$331,815,762

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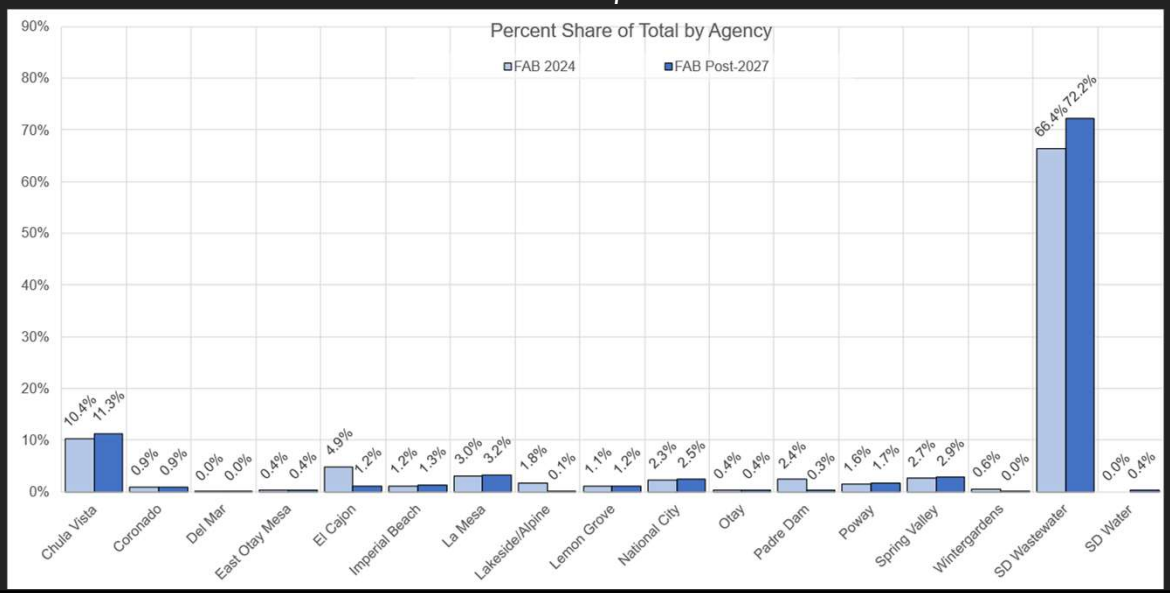
SAN DIEGO METRO WASTEWATER BILLING SYSTEM

Summary of Agency Impacts

Proposed FAB: 2024 and Post-2027



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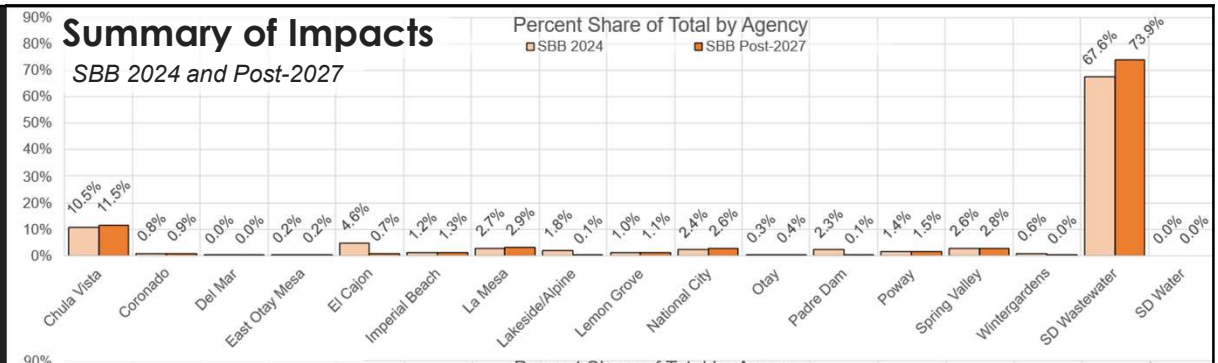
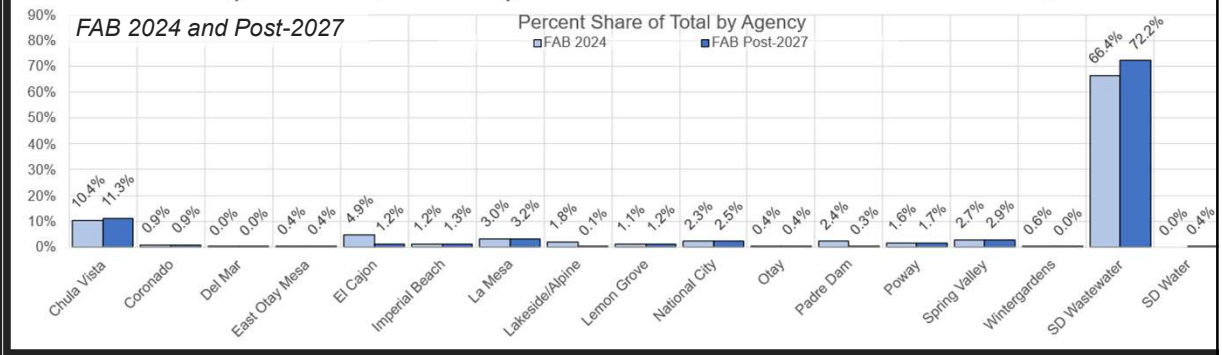
SAN DIEGO METRO WASTEWATER BILLING SYSTEM

Summary of Impacts

SBB 2024 and Post-2027



FAB 2024 and Post-2027



Agency impacts depend on flows & strengths. FAB will enhance predictability due to fixed charges.

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SAN DIEGO METRO WASTEWATER BILLING SYSTEM

Thank you

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