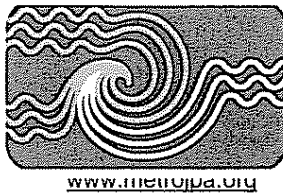


EXHIBIT B

DISTRIBUTION OF WASTEWATER SYSTEM CAPACITY RIGHTS							
AGENCY	ANNUAL FIXED CAPACITY RIGHTS						
	1	2	3	4	5	6	7
	Average Flow, MGD	Incremental Peak Flow, MGD	RSPD, MGD	Total Allowable Flow, MGD	TSS, 1,000 lbs.	COD, 1,000 lbs.	Pure Water Phase 1
Chula Vista	18.33	19.52	0	37.85	22,082	38,419	11.699%
Coronado	1.90	3.03	0	4.93	2,089	3,336	1.152%
Del Mar	0.00	0.30	0	0.30	0	0	0.020%
East Otay Mesa	1.79	3.48	0	5.27	1,915	3,336	1.096%
El Cajon	1.29	19.93	0.602	21.82	2,196	3,052	0.497%
Imperial Beach	2.47	4.48	0	6.95	2,045	3,844	1.411%
La Mesa	5.29	23.90	0	29.19	4,668	9,636	2.823%
Lakeside/Alpine	0.07	1.67	0.310	2.05	238	293	0.153%
Lemon Grove	2.40	4.51	0	6.91	2,289	4,387	1.395%
National City	4.65	3.07	0	7.72	4,562	9,161	2.852%
Otay	0.38	0.57	0	0.95	984	835	0.457%
Padre Dam	0.44	6.54	0.364	7.34	632	890	0.444%
Poway	3.10	8.80	0	11.90	3,113	5,073	1.869%
Spring Valley	5.74	5.05	0	10.79	6,039	10,597	3.765%
Wintergardens	0.02	1.08	0.080	1.18	65	80	0.044%
SUBTOTAL	47.9	105.9	1.356	155.1	52,916	92,938	29.677%
San Diego							
Wastewater	124.05	136.16	0	260.21	130,032	252,818	70.323%
Water	0	0	14.3	0.00	0	0	0
SUBTOTAL	124.1	136.2	14.3	260.2	130,032	252,818	70.323%
Metro I&I	-	82	-	82	-	-	-
TOTAL	171.9	324.1	15.7	497.4	182,948	345,756	100%



April 19, 2010

Rod Greek
Public Utilities Deputy Director
City of San Diego, Metropolitan Wastewater
9192 Topaz Way
San Diego, CA 92123

Re: Administrative Protocol on Allocation of Operating Reserves and Debt Service
Coverage to Participating Agencies

Dear Mr. Greek:

This letter is intended to memorialize the attached Administrative Protocol on Allocation of Operating Reserves and Debt Service Coverage to Participating Agencies ("Protocol") negotiated between the City of San Diego and Metro TAC/ Metro JPA/ Metro Commission, on behalf of the Participating Agencies under the Regional Wastewater Disposal Agreement. Your signature will indicate acceptance of the Protocol on behalf of the City.

By countersigning this letter, the City of San Diego and Metro TAC/ Metro JPA/ Metro Commission acknowledge and agree to the terms and conditions contained in the attached Protocol.

Sincerely,

 4/21/10
for the Metro TAC/ Metro JPA/ Metro Commission

Enclosure


The Protocol is accepted by the City of San Diego pursuant to the terms and conditions set forth in the attachment hereto:

Date: 4/19/10


Rod Greek, Public Utilities Deputy Director

The Protocol is accepted by Metro TAC/ Metro JPA/ Metro Commission on behalf of the Participating Agencies pursuant to the terms and conditions set forth in the attachment hereto:

Date: 5/6/10



The Joint Powers Authority Proactively Addressing Regional Wastewater Issues

Chula Vista • Coronado • Del Mar • Imperial Beach • La Mesa • Lemon Grove Sanitation District
National City • Otay Water District • Poway • Padre Dam Municipal Water District
County of San Diego, representing East Otay, Lakeside/Alpine, Spring Valley & Winter Gardens Sanitation Districts

Administrative Protocol on Allocation of Operating Reserves and Debt Service Coverage to Participating Agencies

BACKGROUND:

In early 2008 the MetroTAC formed a working group in response to the City of San Diego's request for \$20 million in funding in FYE 2009 from the Participating Agencies ("PAs") for operating reserves and debt service coverage. The working group continued to meet with City of San Diego staff regarding the establishment of a mutually agreed upon protocol through early February 2010. A summary of the City of San Diego's 2008 proposal and the negotiated 2010 protocol is included as Attachment A.

At its regular meeting of February 17, 2010, the MetroTAC approved the following recommendations to move to the Finance Committee of the Metro Wastewater JPA and thereafter to the Metro Commission/ Metro Wastewater JPA for discussion and action:

- Proceed with PAs funding a 1.2 debt service ratio coverage
- Proceed with PAs funding a 45 day operating reserves
- The PAs will fund no other reserves
- FY07 and FY08 refund monies will be used to fund the operating reserves
- Interest accrual on operating reserves and undesignated accounts will start with FY10 (beginning on July 1, 2009)

The Finance Committee of the Metro Wastewater JPA, at its February 24, 2010 meeting, took action to recommend approval of the above, by the Metro Commission/ Metro Wastewater JPA. At its March 4, 2010 meeting, the Metro Commission/ Metro Wastewater JPA, comprised of representatives of the PAs, approved the components of the negotiated policy, with the understanding that any such policy would serve as an administrative protocol regarding the allocation of debt service coverage to the PAs and funding of operating reserves by the PAs.

PROTOCOL REGARDING PA FUNDING OF OPERATING RESERVES:

Background:

Operating reserves are established to provide funding for unforeseen events that might occur during the course of the fiscal year such as unforeseen major maintenance or capital projects. The PAs performed a survey of other regional wholesale agencies and determined that agencies such as the San Diego County Water Authority maintain a 45 day operating reserves. Although the City of San Diego's current policy is to increase operating reserves for its retail customers from 45 to 70 days, the City realizes that if a major maintenance incident should occur it can immediately request payment from the PAs per the Regional Wastewater Disposal Agreement. The City of San Diego's retail customer's rates cannot be immediately increased due to Proposition 218 requirements for noticing and public hearings.

Protocol:

Attachment B is a summary of the funding strategy showing each PAs 2007 and 2008 refunds based on recent City Metro Wastewater Exhibit E audits. The refunds will be used to fund the PAs 45 day operating reserves contribution. In the majority of cases most PAs will see a refund even after they have

fully funded their portion of the operating reserves. PAs that do not have adequate refunds will be billed for their portion of the reserve in the next quarterly 2010 billing. The operating reserves for each fiscal year will be established based on 45 days of operating revenues as determined by the following formula:

Fiscal Year Estimated Operating Expenses (not including CIP and debt service)

365 days X 45 days

The number of days included in the calculation cannot be changed without prior consent of the PAs.

The operating reserves will be maintained by the City of San Diego and interest will accrue on a monthly basis based on actual interest rates on the City's investments. This interest revenue will be added to the PAs undesignated fund balance for that fiscal year. As part of each year's Exhibit E audit the actual required operating reserves and interest earned on it will be determined and audited by the City of San Diego's external auditors and PA representatives. A summary of the operating reserves balance and interest earned for each PA will be included as a footnote or attachment to the City Metro Wastewater Exhibit E Audit.

PROTOCOL REGARDING ALLOCATION OF DEBT SERVICE COVERAGE TO PAs

Background:

A 1.2 debt service coverage ratio is a requirement for all of the outstanding Metro parity debt. A cash flow prepared by the City of San Diego shows (Attachment C) that if the PAs are billed at the current level (\$65 million annually to cover the PAs portion of operations, pay-go capital, and debt service expense) for the next three to five years that this requirement can be achieved without additional contributions by the PAs. This provides the PAs a stable projected annual Metro contribution for the next three to five years.

Protocol:

The PAs will maintain through annual contributions and use of PA undesignated fund balance a positive cash flow not to exceed 1.2 times the PA share of the required annual debt service on Metro Debt. The debt service coverage ratio of 1.2 cannot be changed without prior consent of the PAs.

The undesignated fund balance will be maintained by the City of San Diego and interest will accrue on a monthly basis based on actual interest rates on the City's investments. This interest revenue will be added to the PAs undesignated fund balance for that fiscal year.

As part of each year's Exhibit E audit the actual required reserve coverage and interest earned on the undesignated fund balance will be determined and audited by the City of San Diego's external auditors and PA representatives. A summary of the debt service coverage requirement and portion of interest earned on the undesignated fund balance for each PA will be included as a footnote or attachment to the City Metro Wastewater Exhibit E Audit.

If the cash flow in any year does not provide the required 1.2 debt service coverage the PAs will be billed the additional required revenue including interest.

Draft

Schedule of Participating Agency Contributions to Operations Reserve and Debt Service Coverage Cash flow FY 2007-2011
Prepared on: February 23, 2010

HOW TO READ CASH FLOW SPREADSHEET:

Blue font = data inputted directly into spreadsheet

Green font = data imported from another spreadsheet in workbook

Black font = Calculation, see legend to determine calculation

Line #	Cash flow Component	Legend	Foot-note #
1	Current Projected Revenue Stream	Input	
2	Annual Refund After Exhibit E Audit	Input	
3	Transfer (to)/from Operating Reserve	Line 21-Prior Year	(1)
4	Undesignated Fund Balance Interest	Line 17 X Interest Rate	(1)
5	Operating Reserve Interest	Calculated Off-Line	(2)
6	Gross PA System Revenue	Sum(Line1,Line5)	
7	Less:		
8	PA Estimated Total Operating Expenses	Prior year X 1.01	(3)
9	Net PA System Revenue	Line 6 - Line 8	
11	PA Annual Debt Service Payment	Calculated Off-Line	
12	CIP Pay Go - 20% of Projected CIP	Input	(4)
13	Total CIP and Debt Service	Line 12 + 13	
14	Net Income after CIP and Debt Service	Line 10 - 14	
15	PA Undesignated Fund Balance	Line 16 + Prior Year	
16	Calculated Debt Service Ratio	Line 10/Line 12	(5)
17	Operating Reserve (45 days)	(Line 8/365 days) X 45 days	

Footnotes:

- (1) average of current year ending balance + prior year ending balance times 3.2%
- (2) average monthly balance times LAIF rate (first year calculated at half year interest)
- (3) FY09 based on average of FY07 & FY08 then 1% inflation
- (4) 20% of projected Metro CIP
- (5) Minimum coverage requirement 1.2 time annual Metro debt service

AUDITED		PROJECTED							
FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	
\$54,007,596	\$63,231,038	\$57,249,960	\$64,487,408	\$65,000,000	\$65,000,000	\$65,000,000	\$65,000,000	\$65,000,000	
			(8,209,431)	(1,500,000)	(3,000,000)	(2,500,000)	(2,100,000)	(1,800,000)	
			(4,281,432)	(42,814)	(43,242)	(43,675)	(44,112)	(44,553)	
			79,990	258,156	225,608	113,282	62,579	58,889	
			164,514	166,159	167,821	169,499	171,194	172,906	
\$54,007,596	\$63,231,038	\$57,249,960	\$52,241,049	\$63,881,500	\$62,350,187	\$62,739,106	\$63,089,661	\$63,387,252	
\$32,304,298	\$37,150,042	\$34,727,170	\$34,727,170	\$35,074,442	\$35,425,186	\$35,779,438	\$36,137,232	\$36,498,605	
\$21,703,298	\$26,080,996	\$22,522,790	\$17,513,379	\$28,807,059	\$26,925,001	\$26,959,668	\$26,952,429	\$26,888,647	
\$20,373,393	\$19,850,051	\$20,441,069	\$24,049,989	\$24,043,880	\$22,479,039	\$22,478,266	\$22,478,075	\$22,478,730	
			1,318,048	5,610,210	7,369,218	4,570,129	4,655,009	4,655,009	
15,955,891	19,337,539	20,441,069	25,368,037	29,654,090	29,848,257	28,279,206	27,048,204	27,133,739	
\$5,747,407	\$6,743,457	\$2,081,721	(\$7,854,157)	(\$847,032)	(\$2,923,257)	(\$1,319,537)	(\$95,775)	(\$245,092)	
\$5,747,407	\$12,490,864	\$14,572,585	\$6,718,428	\$5,871,396	\$2,948,139	\$1,628,602	\$1,532,827	\$1,287,735	
			0.73	1.20	1.20	1.20	1.20	1.20	
				\$4,324,246	\$4,367,489	\$4,411,164	\$4,455,275	\$4,499,828	

FY10 Operating Reserve Calc:

PA Operating Expenses: \$34,727,170
divided by: 365
Equals: \$95,143
Times: 45
45 day Operating Reserve: \$4,281,432

FY10 Operating Reserve Interest Calc:

PA Operating Expenses: \$4,281,432
Times ave monthly LAIF interest Rate: 0.038425 (range from 3.18% to 4.53% per month)
FY10 Estimated Interest Earned: \$164,514

FY07-FY08 Operating Reserve Rate Stabilization
Based on 2008 Flows
FINAL

Agency	EXHIBIT E AUDIT ADJUSTMENTS			2008 FLOWS & LOADS		
	FY 2007	FY 2008	TOTAL	2008 FLOWS & LOADS	OPERATING RESERVE	NET
CHULA VISTA	(\$1,837,010)	(\$2,100,751)	(\$3,937,761)	28.083%	\$1,202,374	(\$2,735,387)
CORONADO	(\$189,910)	(\$366,858)	(\$556,768)	3.356%	\$143,693	(\$413,075)
DEL MAR	(\$87,785)	(\$103,913)	(\$191,698)	1.029%	\$44,061	(\$147,637)
EL CAJON	(\$290,369)	\$66,888	(\$223,481)	15.270%	\$653,789	\$430,308
IMPERIAL BEACH	(\$132,300)	(\$130,153)	(\$262,453)	3.652%	\$156,373	(\$106,080)
LA MESA	(\$99,793)	(\$40,190)	(\$139,983)	8.842%	\$378,561	\$238,578
LAKESIDE/ALPINE	(\$293,313)	(\$243,206)	(\$536,519)	5.357%	\$229,368	(\$307,151)
LEMON GROVE	(\$147,034)	(\$195,043)	(\$342,077)	3.611%	\$154,615	(\$187,462)
NATIONAL CITY	(\$637,379)	(\$947,043)	(\$1,584,422)	7.572%	\$324,211	(\$1,260,211)
OTAY	\$123,792	(\$138,545)	(\$14,753)	0.459%	\$19,668	\$4,915
PADRE DAM	(\$789,976)	(\$1,752,218)	(\$2,542,194)	5.198%	\$222,537	(\$2,319,657)
POWAY	(\$683,251)	\$130,168	(\$553,083)	5.770%	\$247,021	(\$306,062)
SPRING VALLEY	(\$611,093)	(\$667,539)	(\$1,278,632)	10.316%	\$441,691	(\$836,941)
WINTERGARDENS	(\$71,984)	(\$56,162)	(\$128,146)	1.482%	\$63,470	(\$64,676)
TOTAL	(\$5,747,405)	(\$6,544,565)	(\$12,291,970)	100%	\$4,281,432	\$ (8,010,538.00)

MARCH 2025

POOL CAPACITY AND AUTOMATIC TRANSFERS

POOL CAPACITY

	Average Flow, mgd	Incremental Peak ¹ , mgd	TSS, 1,000 lbs.	COD, 1,000 lbs.
After Phase 1 Pure Water	0	10 ²	96,820	27,521
After Phase 2 Pure Water	10	20	96,820	27,521

1. At Point Loma WWTP
2. Assume system storage

AVERAGE FLOW EXAMPLE ~ 5% INCREASE IN CONTRACT CAPACITY

- Because of this change, Chula Vista's costs increase from the top table to the bottom table (~2% cost increase)

DISTRIBUTION OF WASTEWATER COSTS													
Agency	FIXED COSTS						VARIABLE COSTS						TOTAL COSTS
	Average Wastewater Flow	Incremental Peak Wastewater Flow	Brine	Suspended Solids	Chemical Oxygen Demand	Subtotal	Average Wastewater Flow	Peak Wastewater Flow	Brine	Suspended Solids	Chemical Oxygen Demand	Subtotal	
Chula Vista	\$4,399,083	\$2,169,691	\$0	\$3,710,668	\$3,422,307	\$13,701,749	\$3,625,024	\$0	\$0	\$2,993,429	\$2,753,281	\$9,371,734	\$23,073,483

DISTRIBUTION OF WASTEWATER COSTS													
Agency	FIXED COSTS						VARIABLE COSTS						TOTAL COSTS
	Average Wastewater Flow	Incremental Peak Wastewater Flow	Brine	Suspended Solids	Chemical Oxygen Demand	Subtotal	Average Wastewater Flow	Peak Wastewater Flow	Brine	Suspended Solids	Chemical Oxygen Demand	Subtotal	
Chula Vista	\$4,595,462	\$2,119,125	\$0	\$3,710,668	\$3,422,307	\$13,847,562	\$3,949,916	\$0	\$0	\$2,993,429	\$2,753,281	\$9,696,627	\$23,544,189

AVERAGE FLOW EXAMPLE ~ 5% INCREASE IN CONTRACT CAPACITY

- All other PA's costs go down from the table on the left to the right

DISTRIBUTION OF WASTEWATER COSTS	
Agency	TOTAL COSTS
Chula Vista	\$23,073,483
Coronado	\$2,010,478
Del Mar	\$63,243
East Otay Mesa	\$1,400,700
El Cajon	\$3,355,726
Imperial Beach	\$2,603,332
La Mesa	\$5,903,957
Lakeside/Alpine	\$1,823,671
Lemon Grove	\$2,527,859
National City	\$5,321,111
Otay	\$762,841
Padre Dam	\$850,520
Poway	\$3,306,755
Spring Valley	\$6,594,958
Wintergardens	\$1,334,862
SUBTOTAL	\$60,933,497
San Diego	
Wastewater	\$149,051,854
Water	\$21,460,012
SUBTOTAL	\$170,511,865
TOTAL	\$231,445,362

DISTRIBUTION OF WASTEWATER COSTS	
Agency	TOTAL COSTS
Chula Vista	\$23,544,189
Coronado	\$2,005,506
Del Mar	\$63,193
East Otay Mesa	\$1,398,322
El Cajon	\$3,354,516
Imperial Beach	\$2,595,621
La Mesa	\$5,887,368
Lakeside/Alpine	\$1,825,147
Lemon Grove	\$2,521,302
National City	\$5,307,072
Otay	\$761,429
Padre Dam	\$851,142
Poway	\$3,297,876
Spring Valley	\$6,578,639
Wintergardens	\$1,331,466
SUBTOTAL	\$61,322,789
San Diego	
Wastewater	\$148,662,561
Water	\$21,460,012
SUBTOTAL	\$170,122,573
TOTAL	\$231,445,362

INCREMENTAL PEAK FLOW EXAMPLE ~ 5% INCREASE IN CONTRACT CAPACITY

- If an agency exceeds their incremental peak flow capacity then they must pull from a pool to increase their incremental peak capacity.
- The pool amount has not yet been established, but will be finalized along with Exhibit B.
- For example: If Chula Vista had a peak flow of 37.51 mgd then Exhibit B would be updated like this

DISTRIBUTION OF WASTEWATER SYSTEM CONTRACT CAPACITY AND USE ADDITIONAL DETAIL																				
AGENCY	CONTRACT CAPACITY										USE									
	Average Flow, MGD		Incremental Peak Flow, MGD		Total Allowable Flow, MGD		Brine		TSS, 1,000 lbs.		COD, 1,000 lbs.		Metered Flow, MGD		Brine, MGD		TSS, 1,000 lbs.		COD, 1,000 lbs.	
Chula Vista	18.33	10.6%	37.51	10.2%	55.84	10.3%	0	0.0%	22,082	12.0%	38,419	11.0%	17.47	10.9%	0	0.0%	21,049	12.3%	36,622	11.3%

1. 1.79 mgd would be taken from the pool and added to Chula Vista's Peak Incremental Flow
2. The Total Allowable Flow is increased correspondingly

INCREMENTAL PEAK FLOW EXAMPLE ~ 5% INCREASE IN CONTRACT CAPACITY

- Because of this change, Chula Vista's costs increase from the top table to the bottom table (~0.4% cost increase)

DISTRIBUTION OF WASTEWATER COSTS													
Agency	FIXED COSTS						VARIABLE COSTS						TOTAL COSTS
	Average Wastewater Flow	Incremental Peak Wastewater Flow	Brine	Suspended Solids	Chemical Oxygen Demand	Subtotal	Average Wastewater Flow	Peak Wastewater Flow	Brine	Suspended Solids	Chemical Oxygen Demand	Subtotal	
Chula Vista	\$4,399,083	\$2,169,691	\$0	\$3,710,668	\$3,422,307	\$13,701,749	\$3,625,024	\$0	\$0	\$2,993,429	\$2,753,281	\$9,371,734	\$23,073,483

DISTRIBUTION OF WASTEWATER COSTS													
Agency	FIXED COSTS						VARIABLE COSTS						TOTAL COSTS
	Average Wastewater Flow	Incremental Peak Wastewater Flow	Brine	Suspended Solids	Chemical Oxygen Demand	Subtotal	Average Wastewater Flow	Peak Wastewater Flow	Brine	Suspended Solids	Chemical Oxygen Demand	Subtotal	
Chula Vista	\$4,399,083	\$2,267,167	\$0	\$3,710,668	\$3,422,307	\$13,799,225	\$3,625,024	\$0	\$0	\$2,993,429	\$2,753,281	\$9,371,734	\$23,170,959

INCREMENTAL PEAK FLOW EXAMPLE ~ 5% INCREASE IN CONTRACT CAPACITY

- All other PA’s costs go down from the table on the left to the right

DISTRIBUTION OF WASTEWATER COSTS	
Agency	TOTAL COSTS
Chula Vista	\$23,073,483
Coronado	\$2,010,478
Del Mar	\$63,243
East Otay Mesa	\$1,400,700
El Cajon	\$3,355,726
Imperial Beach	\$2,603,332
La Mesa	\$5,903,957
Lakeside/Alpine	\$1,823,671
Lemon Grove	\$2,527,859
National City	\$5,321,111
Otay	\$762,841
Padre Dam	\$850,520
Poway	\$3,306,755
Spring Valley	\$6,594,958
Wintergardens	\$1,334,862
SUBTOTAL	\$60,933,497
San Diego	
Wastewater	\$149,051,854
Water	\$21,460,012
SUBTOTAL	\$170,511,865
TOTAL	\$231,445,362

DISTRIBUTION OF WASTEWATER COSTS	
Agency	TOTAL COSTS
Chula Vista	\$23,170,959
Coronado	\$2,009,389
Del Mar	\$63,125
East Otay Mesa	\$1,399,675
El Cajon	\$3,351,200
Imperial Beach	\$2,601,914
La Mesa	\$5,900,927
Lakeside/Alpine	\$1,820,237
Lemon Grove	\$2,526,483
National City	\$5,318,445
Otay	\$762,583
Padre Dam	\$849,073
Poway	\$3,304,978
Spring Valley	\$6,591,386
Wintergardens	\$1,334,241
SUBTOTAL	\$61,004,616
San Diego	
Wastewater	\$148,980,734
Water	\$21,460,012
SUBTOTAL	\$170,440,746
TOTAL	\$231,445,362

BRINE FLOW EXAMPLE ~ 5% INCREASE IN CONTRACT CAPACITY

- If an agency exceeds their brine flow capacity then a portion of their peak flow capacity is shifted to average flow, but their total allowable flow remains the same.
- For example: If San Diego had a brine flow of 15.02 mgd then Exhibit B would be updated like this

DISTRIBUTION OF WASTEWATER SYSTEM CONTRACT CAPACITY AND USE ADDITIONAL DETAIL																				
AGENCY	CONTRACT CAPACITY										USE									
	Average Flow, MGD		Incremental Peak Flow, MGD		Total Allowable Flow, MGD		Brine		TSS, 1,000 lbs.		COD, 1,000 lbs.		Metered Flow, MGD		Brine, MGD		TSS, 1,000 lbs.		COD, 1,000 lbs.	
Chula Vista	124.05	71.6%	241.04	65.8%	365.1	67.7%	15.02	90.9%	130,032	70.5%	252,818	72.6%	118.14	73.7%	15.02	95.7%	123,840	72.6%	240,779	74.6%

1. The Use half of the table is update with actual Metered Flows
2. The Brine Flow Contract Capacity is increased to match
3. The Incremental Peak Flow Contract Capacity is decreased correspondingly
4. The Total Allowable Flow is decrease correspondingly

BRINE FLOW EXAMPLE ~ 5% INCREASE IN CONTRACT CAPACITY

- Because of this change, San Diego's costs increase from the top table to the bottom table (~0.4% cost increase)

DISTRIBUTION OF WASTEWATER COSTS													
Agency	FIXED COSTS						VARIABLE COSTS						TOTAL COSTS
	Average Wastewater Flow	Incremental Peak Wastewater Flow	Brine	Suspended Solids	Chemical Oxygen Demand	Subtotal	Average Wastewater Flow	Peak Wastewater Flow	Brine	Suspended Solids	Chemical Oxygen Demand	Subtotal	
San Diego	\$29,771,577	\$14,683,770	\$11,895,133	\$21,851,044	\$22,520,919	\$100,722,443	\$24,510,935	\$0	\$9,564,879	\$17,611,586	\$18,102,023	\$69,789,423	\$170,511,865

DISTRIBUTION OF WASTEWATER COSTS													
Agency	FIXED COSTS						VARIABLE COSTS						TOTAL COSTS
	Average Wastewater Flow	Incremental Peak Wastewater Flow	Brine	Suspended Solids	Chemical Oxygen Demand	Subtotal	Average Wastewater Flow	Peak Wastewater Flow	Brine	Suspended Solids	Chemical Oxygen Demand	Subtotal	
San Diego	\$29,771,577	\$14,668,811	\$11,949,514	\$21,851,044	\$22,520,919	\$100,761,865	\$24,510,935	\$0	\$10,187,672	\$17,611,586	\$18,102,023	\$70,412,216	\$171,174,081

PEAK FLOW EXAMPLE ~ 5% INCREASE IN CONTRACT CAPACITY

- All other PA's costs go down from the table on the left to the right

DISTRIBUTION OF WASTEWATER COSTS	
Agency	TOTAL COSTS
Chula Vista	\$23,073,483
Coronado	\$2,010,478
Del Mar	\$63,243
East Otay Mesa	\$1,400,700
El Cajon	\$3,355,726
Imperial Beach	\$2,603,332
La Mesa	\$5,903,957
Lakeside/Alpine	\$1,823,671
Lemon Grove	\$2,527,859
National City	\$5,321,111
Otay	\$762,841
Padre Dam	\$850,520
Poway	\$3,306,755
Spring Valley	\$6,594,958
Wintergardens	\$1,334,862
SUBTOTAL	\$60,933,497
San Diego	
Wastewater	\$149,051,854
Water	\$21,460,012
SUBTOTAL	\$170,511,865
TOTAL	\$231,445,362

DISTRIBUTION OF WASTEWATER COSTS	
Agency	TOTAL COSTS
Chula Vista	\$23,077,747
Coronado	\$2,010,920
Del Mar	\$63,291
East Otay Mesa	\$1,401,116
El Cajon	\$3,088,525
Imperial Beach	\$2,603,907
La Mesa	\$5,905,187
Lakeside/Alpine	\$1,556,026
Lemon Grove	\$2,528,417
National City	\$5,322,193
Otay	\$762,946
Padre Dam	\$712,008
Poway	\$3,307,477
Spring Valley	\$6,596,408
Wintergardens	\$1,335,113
SUBTOTAL	\$60,271,281
San Diego	
Wastewater	\$149,036,895
Water	\$22,137,186
SUBTOTAL	\$171,174,081
TOTAL	\$231,445,362

SUSPENDED SOLIDS EXAMPLE ~ 5% INCREASE IN CONTRACT CAPACITY

- If an agency exceeds their suspended solids capacity then they must pull from a pool to increase their suspended solids capacity.
- The pool amount has not yet been established, but will be finalized along with Exhibit B.
- For example: If Chula Vista had a suspended solids of 23,186 1,000 lbs. then Exhibit B would be updated like this

DISTRIBUTION OF WASTEWATER SYSTEM CONTRACT CAPACITY AND USE ADDITIONAL DETAIL																				
AGENCY	CONTRACT CAPACITY											USE								
	Average Flow, MGD		Incremental Peak Flow, MGD		Total Allowable Flow, MGD		Brine		TSS, 1,000 lbs.		COD, 1,000 lbs.		Metered Flow, MGD		Brine, MGD		TSS, 1,000 lbs.		COD, 1,000 lbs.	
Chula Vista	18.33	10.6%	35.72	9.7%	54.05	10.0%	0	0.0%	23,186	12.5%	38,419	11.0%	17.47	10.9%	0	0.0%	23,186	13.4%	36,622	11.3%

1. The Use half of the table is update with actual TSS
2. The TSS Contract Capacity is increased to match the measured TSS

SUSPENDED SOLIDS EXAMPLE ~ 5% INCREASE IN CONTRACT CAPACITY

- Because of this change, Chula Vista’s costs increase from the top table to the bottom table (~1.8% cost increase)

DISTRIBUTION OF WASTEWATER COSTS													
Agency	FIXED COSTS						VARIABLE COSTS						TOTAL COSTS
	Average Wastewater Flow	Incremental Peak Wastewater Flow	Brine	Suspended Solids	Chemical Oxygen Demand	Subtotal	Average Wastewater Flow	Peak Wastewater Flow	Brine	Suspended Solids	Chemical Oxygen Demand	Subtotal	
Chula Vista	\$4,399,083	\$2,169,691	\$0	\$3,710,668	\$3,422,307	\$13,701,749	\$3,625,024	\$0	\$0	\$2,993,429	\$2,753,281	\$9,371,734	\$23,073,483

DISTRIBUTION OF WASTEWATER COSTS													
Agency	FIXED COSTS						VARIABLE COSTS						TOTAL COSTS
	Average Wastewater Flow	Incremental Peak Wastewater Flow	Brine	Suspended Solids	Chemical Oxygen Demand	Subtotal	Average Wastewater Flow	Peak Wastewater Flow	Brine	Suspended Solids	Chemical Oxygen Demand	Subtotal	
Chula Vista	\$4,399,083	\$2,169,691	\$0	\$3,873,079	\$3,422,307	\$13,864,160	\$3,625,024	\$0	\$0	\$3,256,553	\$2,753,281	\$9,634,858	\$23,499,018

SUSPENDED SOLIDS EXAMPLE ~ 5% INCREASE IN CONTRACT CAPACITY

- All other PA’s costs go down from the table on the left to the right

DISTRIBUTION OF WASTEWATER COSTS	
Agency	TOTAL COSTS
Chula Vista	\$23,073,483
Coronado	\$2,010,478
Del Mar	\$63,243
East Otay Mesa	\$1,400,700
El Cajon	\$3,355,726
Imperial Beach	\$2,603,332
La Mesa	\$5,903,957
Lakeside/Alpine	\$1,823,671
Lemon Grove	\$2,527,859
National City	\$5,321,111
Otay	\$762,841
Padre Dam	\$850,520
Poway	\$3,306,755
Spring Valley	\$6,594,958
Wintergardens	\$1,334,862
SUBTOTAL	\$60,933,497
San Diego	
Wastewater	\$149,051,854
Water	\$21,460,012
SUBTOTAL	\$170,511,865
TOTAL	\$231,445,362

DISTRIBUTION OF WASTEWATER COSTS	
Agency	TOTAL COSTS
Chula Vista	\$23,499,018
Coronado	\$2,005,732
Del Mar	\$63,086
East Otay Mesa	\$1,398,254
El Cajon	\$3,350,913
Imperial Beach	\$2,597,895
La Mesa	\$5,891,470
Lakeside/Alpine	\$1,822,883
Lemon Grove	\$2,522,456
National City	\$5,309,328
Otay	\$759,724
Padre Dam	\$850,184
Poway	\$3,299,089
Spring Valley	\$6,580,062
Wintergardens	\$1,331,230
SUBTOTAL	\$61,281,324
San Diego	
Wastewater	\$148,704,026
Water	\$21,460,012
SUBTOTAL	\$170,164,038
TOTAL	\$231,445,362

CHEMICAL OXYGEN DEMAND (COD) EXAMPLE ~ 5% INCREASE IN CONTRACT CAPACITY

- If an agency exceeds their COD capacity then they must pull from a pool to increase their COD capacity.
- The pool amount has not yet been established, but will be finalized along with Exhibit B.
- For example: If Chula Vista had a COD of 40,340 1,000 lbs. then Exhibit B would be updated like this

DISTRIBUTION OF WASTEWATER SYSTEM CONTRACT CAPACITY AND USE ADDITIONAL DETAIL																				
AGENCY	CONTRACT CAPACITY										USE									
	Average Flow, MGD		Incremental Peak Flow, MGD		Total Allowable Flow, MGD		Brine		TSS, 1,000 lbs.		COD, 1,000 lbs.		Metered Flow, MGD		Brine, MGD		TSS, 1,000 lbs.		COD, 1,000 lbs.	
Chula Vista	18.33	10.6%	35.72	9.7%	54.05	10.0%	0	0.0%	22,082	12.0%	40,340	11.5%	17.47	10.9%	0	0.0%	21,049	12.3%	40,340	12.4%

1. The Use half of the table is update with actual COD
2. The COD Contract Capacity is increased to match the measured COD

CHEMICAL OXYGEN DEMAND (COD) EXAMPLE ~ 5% INCREASE IN CONTRACT CAPACITY

- Because of this change, Chula Vista's costs increase from the top table to the bottom table (~1.7% cost increase)

DISTRIBUTION OF WASTEWATER COSTS													
Agency	FIXED COSTS						VARIABLE COSTS						TOTAL COSTS
	Average Wastewater Flow	Incremental Peak Wastewater Flow	Brine	Suspended Solids	Chemical Oxygen Demand	Subtotal	Average Wastewater Flow	Peak Wastewater Flow	Brine	Suspended Solids	Chemical Oxygen Demand	Subtotal	
Chula Vista	\$4,399,083	\$2,169,691	\$0	\$3,710,668	\$3,422,307	\$13,701,749	\$3,625,024	\$0	\$0	\$2,993,429	\$2,753,281	\$9,371,734	\$23,073,483

DISTRIBUTION OF WASTEWATER COSTS													
Agency	FIXED COSTS						VARIABLE COSTS						TOTAL COSTS
	Average Wastewater Flow	Incremental Peak Wastewater Flow	Brine	Suspended Solids	Chemical Oxygen Demand	Subtotal	Average Wastewater Flow	Peak Wastewater Flow	Brine	Suspended Solids	Chemical Oxygen Demand	Subtotal	
Chula Vista	\$4,399,083	\$2,169,691	\$0	\$3,710,668	\$3,573,745	\$13,853,187	\$3,625,024	\$0	\$0	\$2,993,429	\$2,998,268	\$9,616,721	\$23,469,908

CHEMICAL OXYGEN DEMAND (COD) EXAMPLE ~ 5% INCREASE IN CONTRACT CAPACITY

- All other PA's costs go down from the table on the left to the right

DISTRIBUTION OF WASTEWATER COSTS	
Agency	TOTAL COSTS
Chula Vista	\$23,073,483
Coronado	\$2,010,478
Del Mar	\$63,243
East Otay Mesa	\$1,400,700
El Cajon	\$3,355,726
Imperial Beach	\$2,603,332
La Mesa	\$5,903,957
Lakeside/Alpine	\$1,823,671
Lemon Grove	\$2,527,859
National City	\$5,321,111
Otay	\$762,841
Padre Dam	\$850,520
Poway	\$3,306,755
Spring Valley	\$6,594,958
Wintergardens	\$1,334,862
SUBTOTAL	\$60,933,497
San Diego	
Wastewater	\$149,051,854
Water	\$21,460,012
SUBTOTAL	\$170,511,865
TOTAL	\$231,445,362

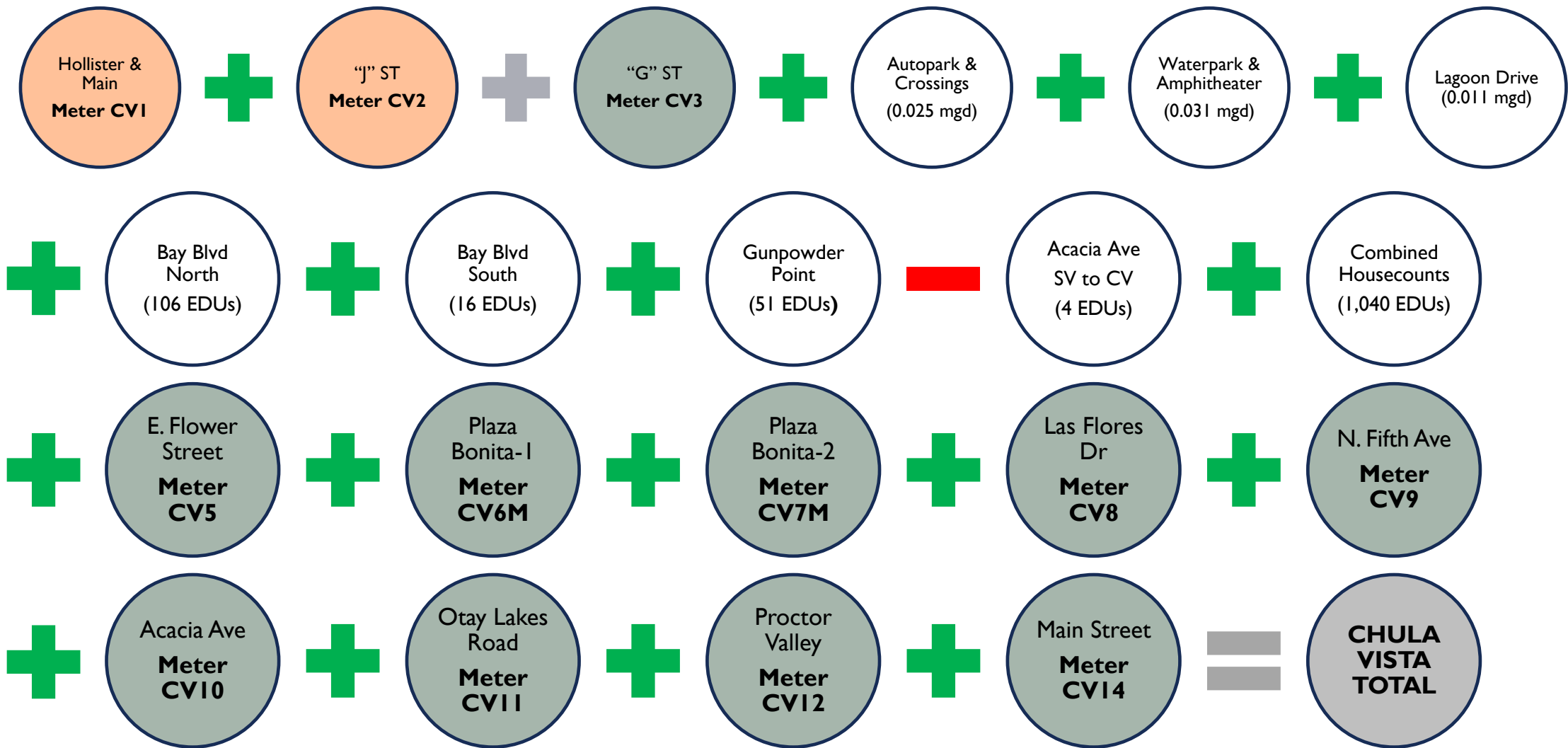
DISTRIBUTION OF WASTEWATER COSTS	
Agency	TOTAL COSTS
Chula Vista	\$23,469,908
Coronado	\$2,006,782
Del Mar	\$63,154
East Otay Mesa	\$1,398,619
El Cajon	\$3,352,481
Imperial Beach	\$2,598,347
La Mesa	\$5,891,389
Lakeside/Alpine	\$1,823,201
Lemon Grove	\$2,522,807
National City	\$5,309,573
Otay	\$761,551
Padre Dam	\$850,320
Poway	\$3,300,663
Spring Valley	\$6,582,209
Wintergardens	\$1,332,254
SUBTOTAL	\$61,263,257
San Diego	
Wastewater	\$148,722,093
Water	\$21,460,012
SUBTOTAL	\$170,182,105
TOTAL	\$231,445,362

MARCH 2025

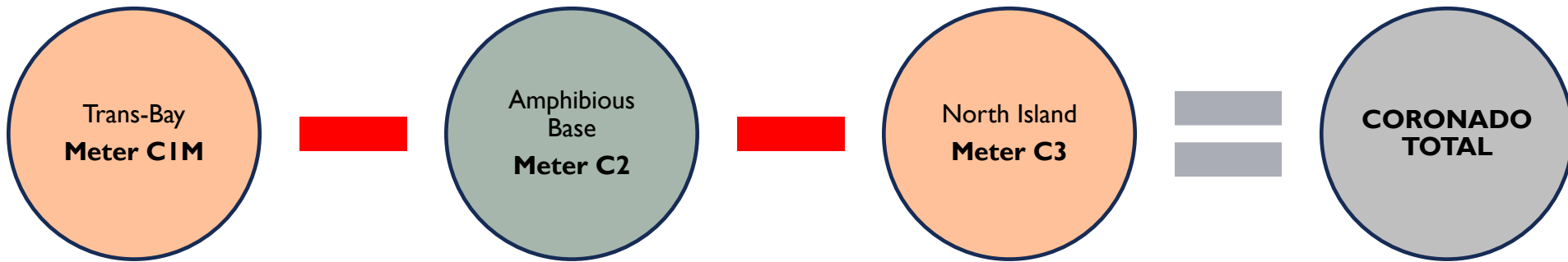
EXISTING METRO BILLING FORMULAS

CHULA VISTA

- 1. Billing and Sampling Meters 
- 2. Billing Meters 



CORONADO



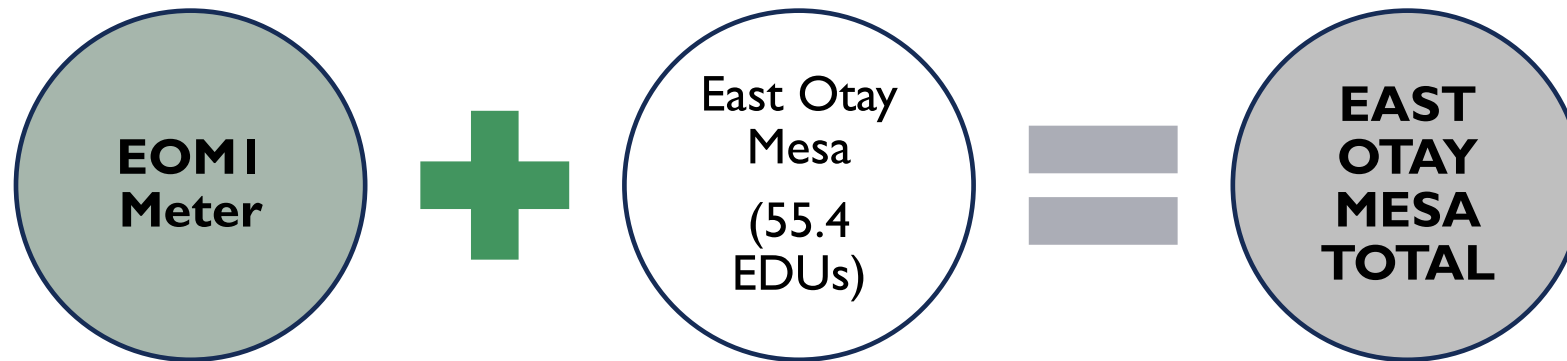
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DEL MAR



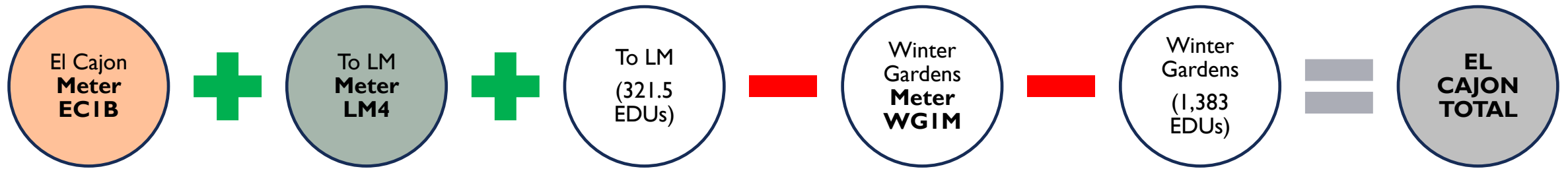
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2. Billing Meters ●

EAST OTAY MESA



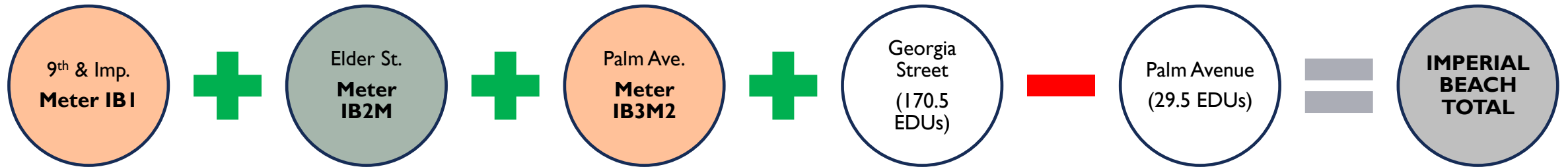
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2. Billing Meters ●

EL CAJON



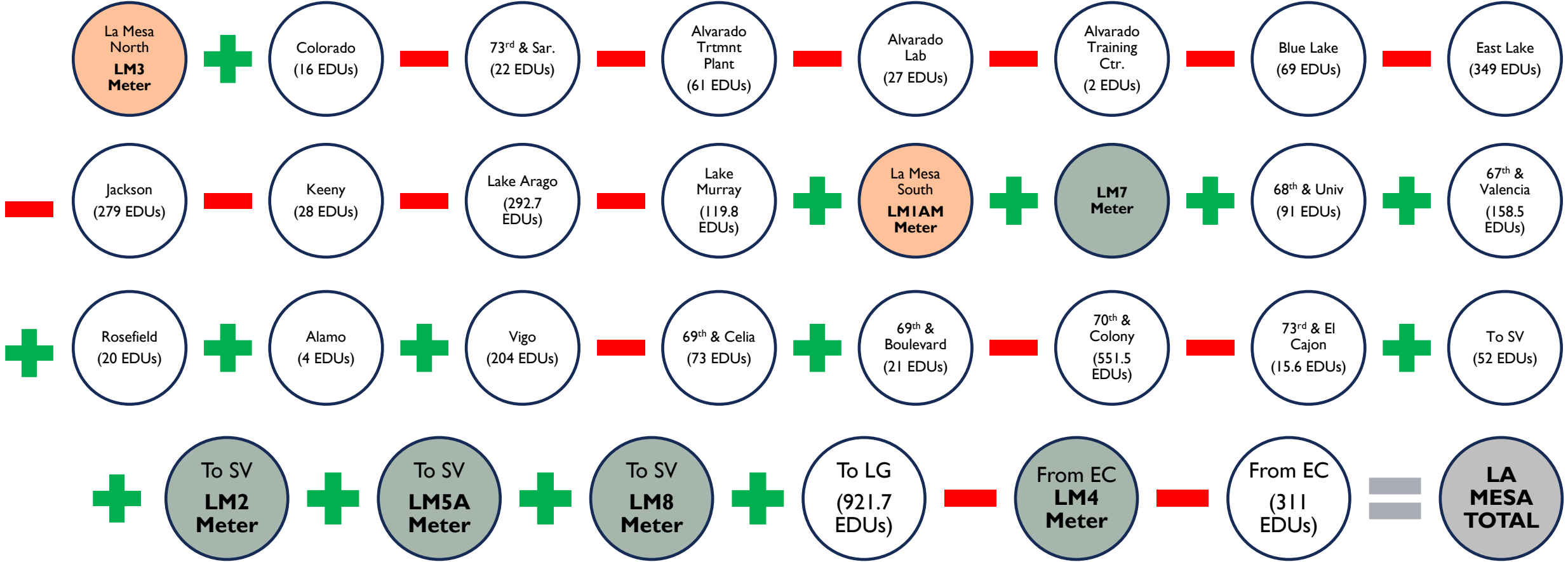
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2. Billing Meters 

IMPERIAL BEACH



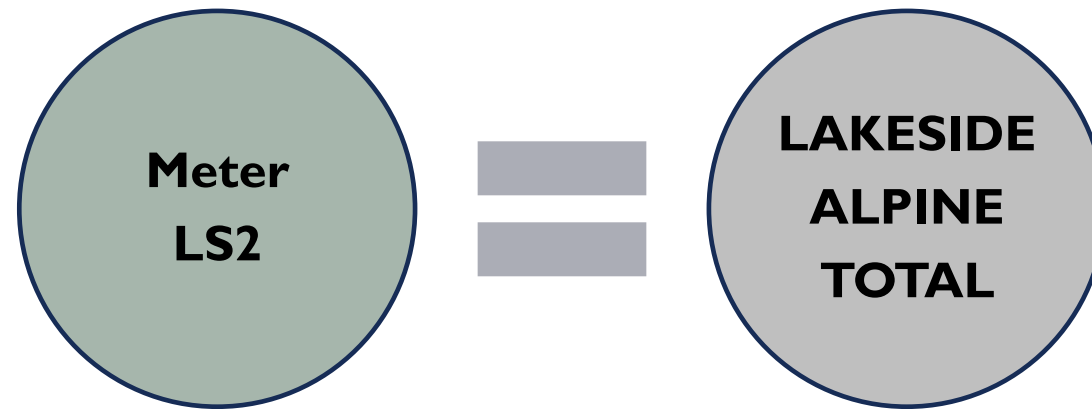
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2. Billing Meters ●

LA MESA



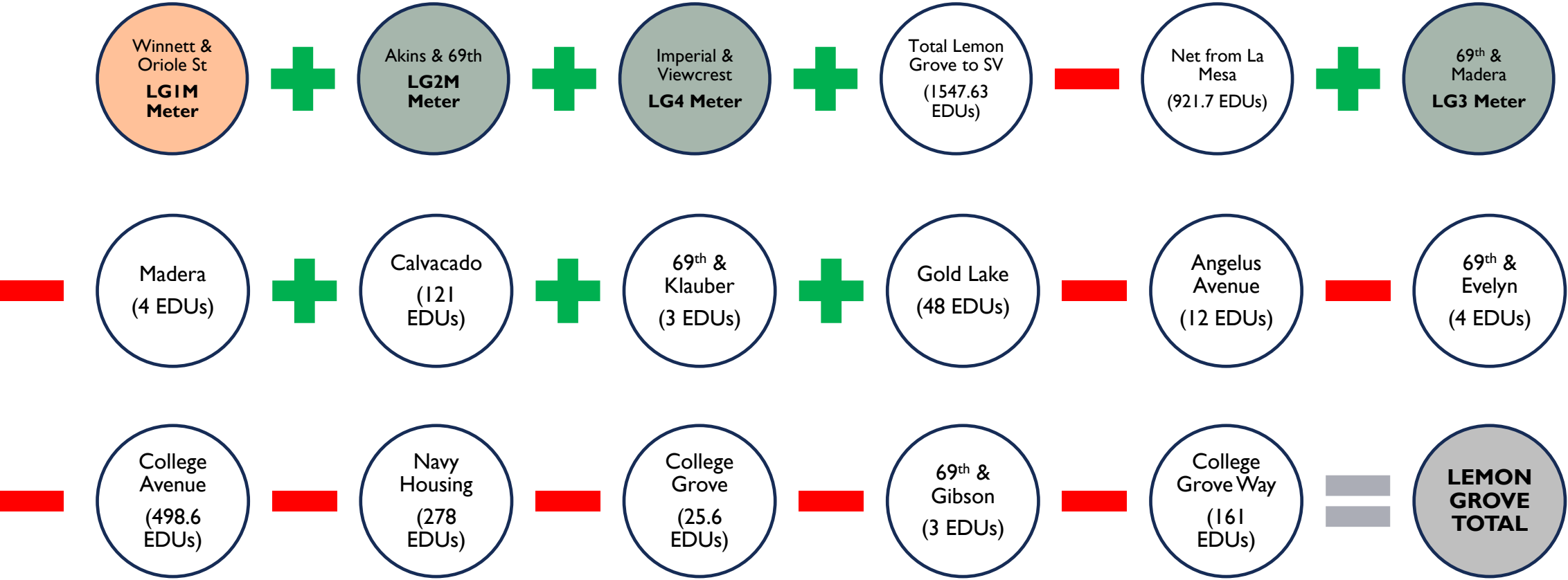
- 1. Billing and Sampling Meters
- 2. Billing Meters

LAKE SIDE/ALPINE



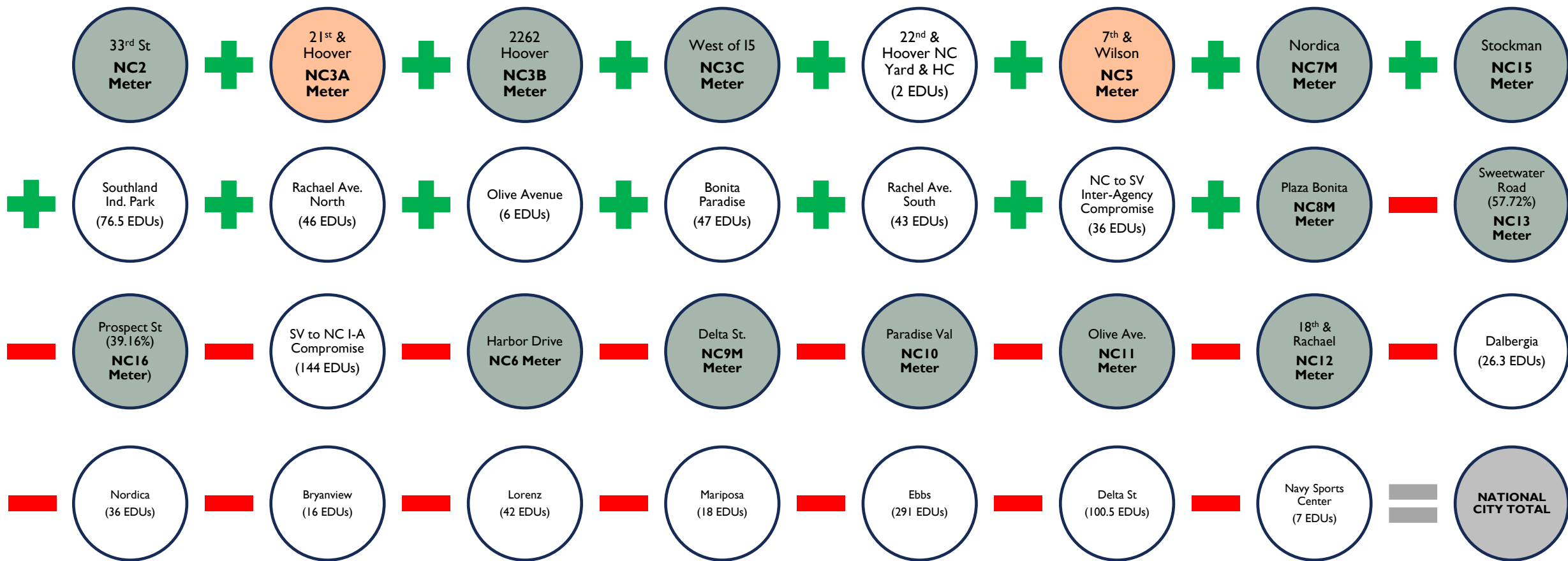
1. Billing and Sampling Meters ●
2. Billing Meters ●

LEMON GROVE



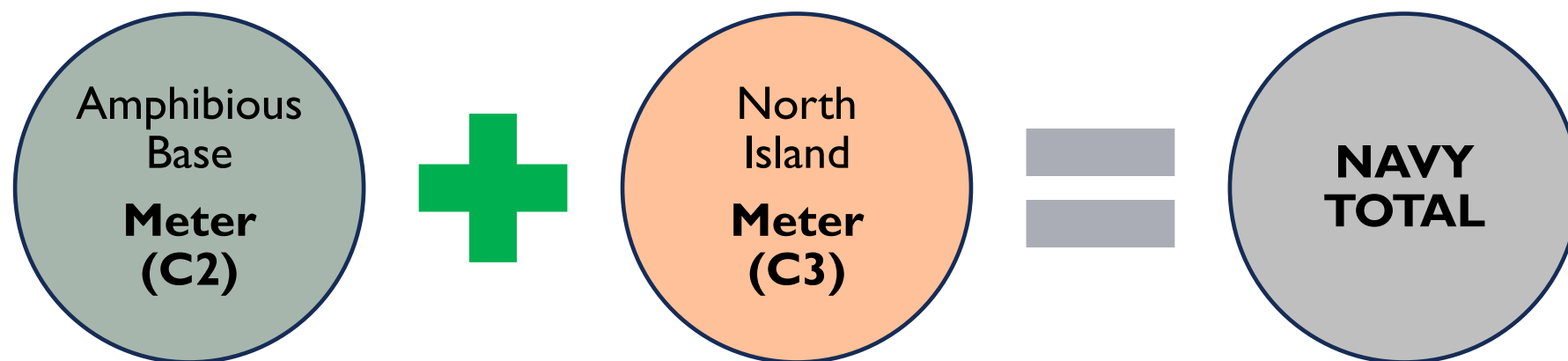
- 1. Billing and Sampling Meters 
- 2. Billing Meters 

NATIONAL CITY



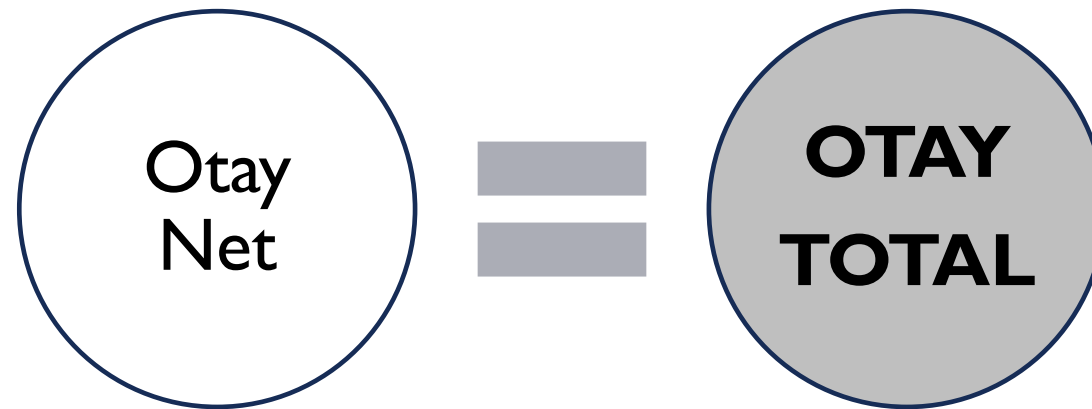
- 1. Billing and Sampling Meters
- 2. Billing Meters

NAVY



1. Billing and Sampling Meters ●
2. Billing Meters ●

OTAY



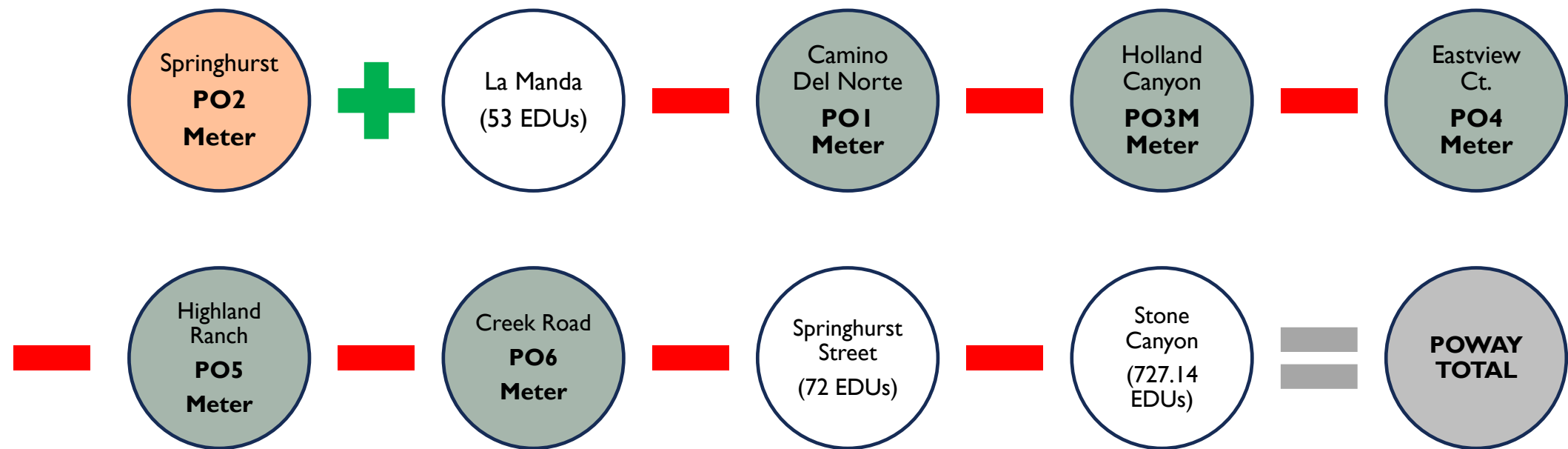
1. Billing and Sampling Meters ●
2. Billing Meters ●

PADRE DAM



1. Billing and Sampling Meters 
2. Billing Meters 

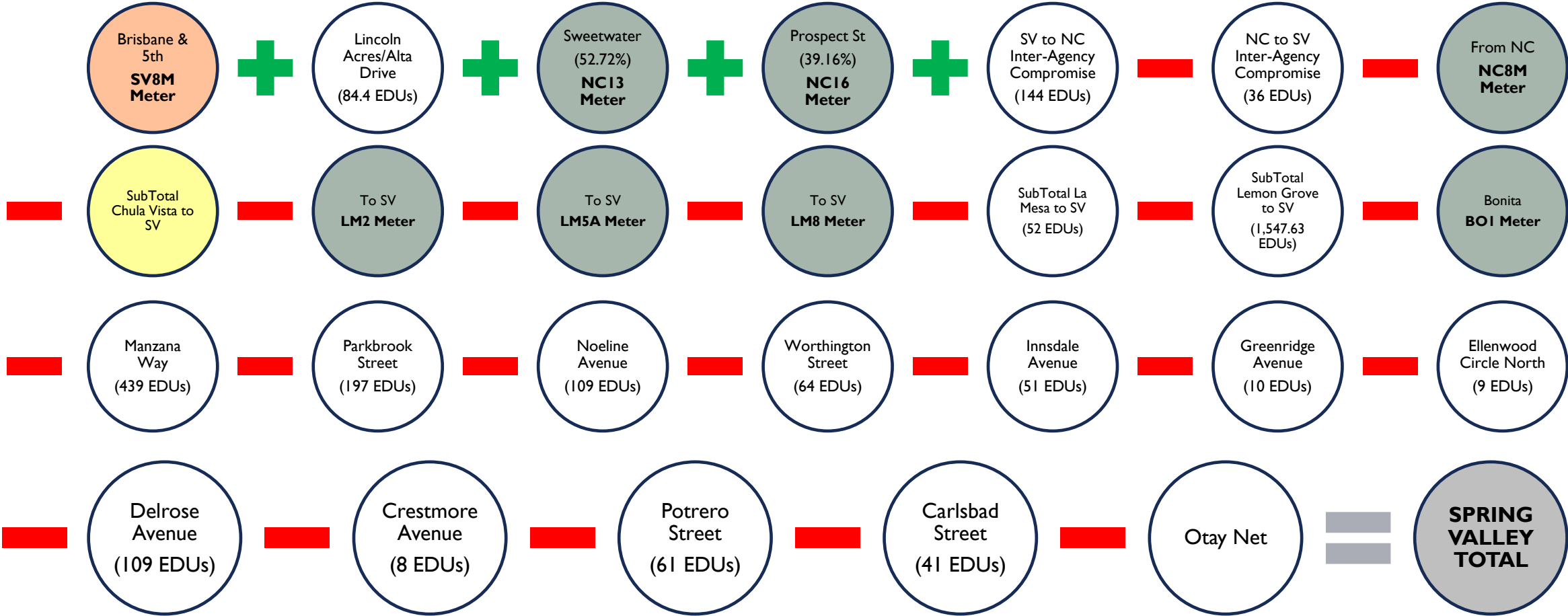
POWAY



- 1. Billing and Sampling Meters ●
- 2. Billing Meters ●

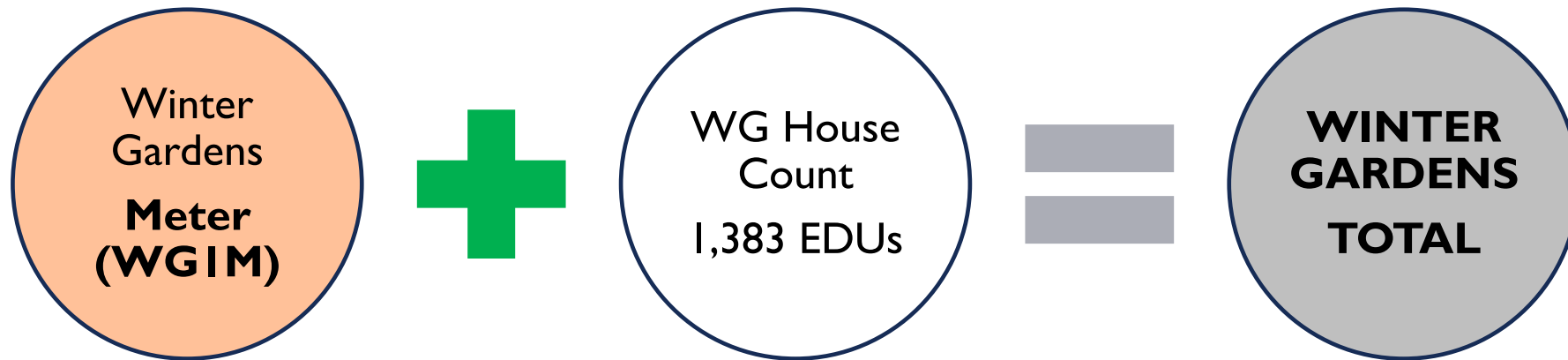
SPRING VALLEY

- 1. Billing and Sampling Meters 
- 2. Billing Meters 



SubTotal Chula Vista to SV = Combined Housecounts – Acacia Ave + CV5 + CV6 + CV7M + CV8 + CV9 + CV10 + CV11 + CV12 + CV14

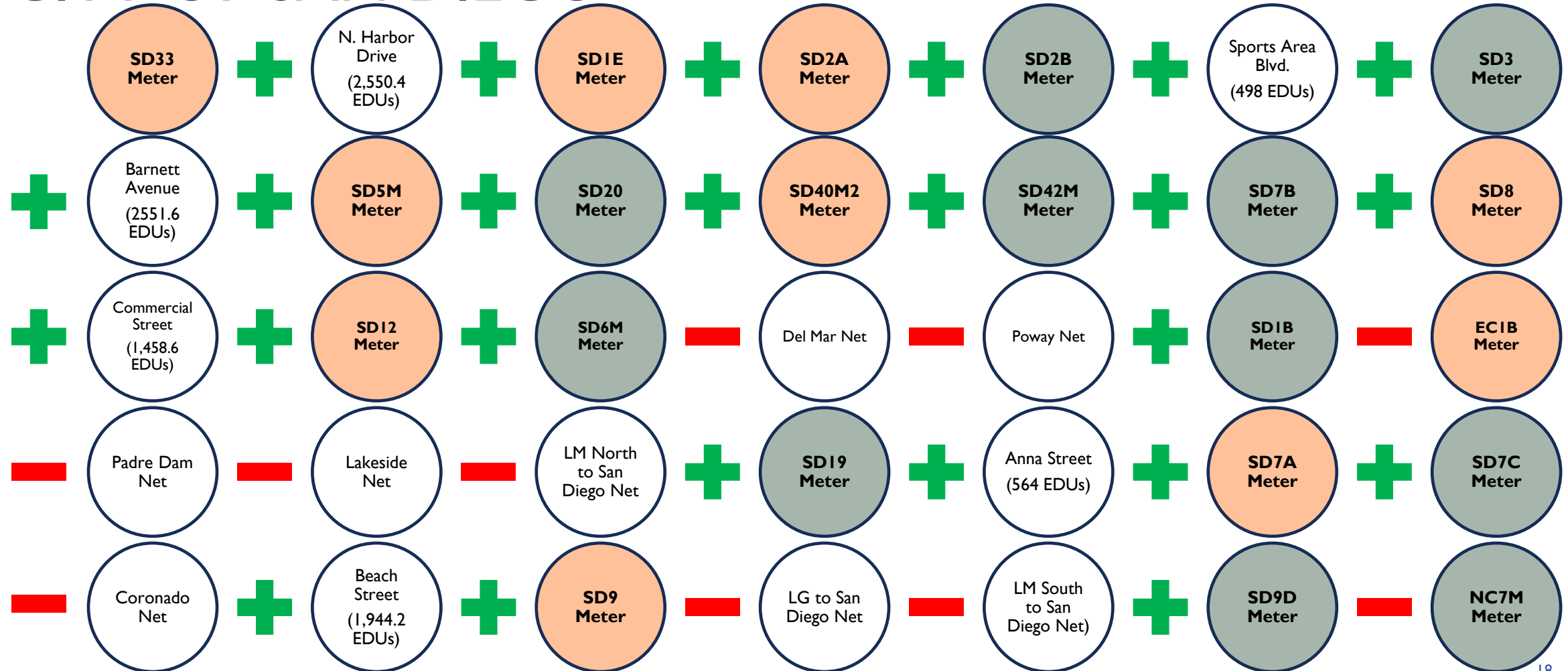
WINTER GARDENS



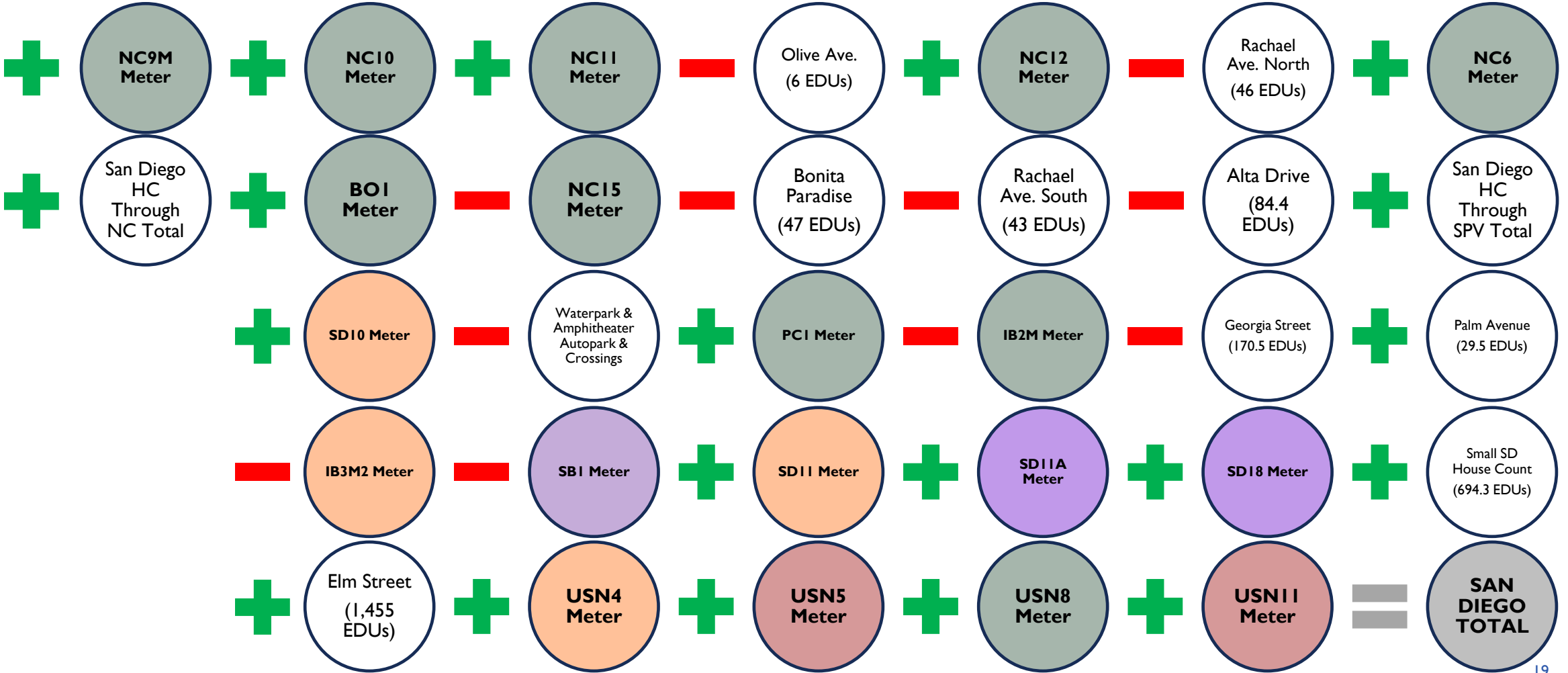
1. Billing and Sampling Meters 
2. Billing Meters 

CITY OF SAN DIEGO

1. Billing and Sampling Meters ●
2. Billing Meters ●



CITY OF SAN DIEGO



- 1. Billing and Sampling Meters
- 2. Billing Meters

Purpose: To document assumptions used to account for the time value of money for shared Pure Water costs (**Allocated Shared Costs**) that were agreed to be reconciled at a later date based on final Phase 1 project costs. This is discussed in Section 6.6: Reallocation of PWP Costs incurred since FY2014 and cited in Section 6.6.1.3. See the example "Calculator Spreadsheet" below and accompanying footnotes.

Pending Final Audits:	
Estimated Final Metro % of Pure Water Costs (Draft)	45%
Estimated JPA % Share of Metro Expenses (Draft)	30%

Exhibit G - Sample of the Interest Calculation (Section 6.6) (Continued)

Procedures and Assumptions:

The City proposes the following procedures be used to allocate these costs. These costs will be allocated 1 year after substantial completion of Pure Water Phase 1, as part of the annual Audit of Metro costs (Projected to be annual audit of metro activity for Fiscal Year 2026). The City will prepare a yearly update to the calculator as part of the preparation for the yearly metro audit.

Column Description:

Cost Included (Column C)	This column represents cost subject to this calculator. This includes Purchase Orders (and their associated expenditures) that have been split 50%/50% (50/50 POs) from 2014 to 2022 and have been included as part of each yearly audit of Metro JPA Pure Water costs. This sheet is prepared by the City and reviewed by the JPA's consultants on a yearly basis to determine samples for the Pure Water O&M costs. After awarding of all Pure Water construction contracts, new costs will use an updated percentage based on actual awarded construction contracts. This date will be called out on the purchase order sheet and a new line on the calculator will be added to track the change in percent allocation. Open purchase orders using the 50/50 split will be separated on the calculator sheet until they are fully spent, closed or amended to the new split.
Original Splits % (Column D & E)	These columns split the total costs of the 50/50 POs based on their original share between the water and Metro funds. This establishes each funds initial share of the costs
Original Share (Column F & G)	These columns split the total costs in Column C by the percentages in Columns D and E.
Metro Post Allocation Share(Column H)	This column uses Metro funds final share of Phase 1 costs, as a percentage of total project costs, and applies it to costs included in Column C. This represents the actual share of costs based on the final allocation costs.
Amounts Subject to Interest (Column I)	This column takes the difference between the initial splits for Metro (Column F) and the Metro post allocation share (Column H). These are the new expenditures from that fiscal year subject to the interest calculation.
Running Metro Balance Subject to Interest (Column J)	This column takes any prior year balance in Column J, the prior year accrued interest in Column K and adds the new expenditures from Column I. This is the total balanced used to calculate each year's interest owed.
Yearly Interest Earnings (Column K)	This column takes the annual interest earnings shown in Column M and assumed monthly compounding of Metro balance in Column J. Compounding period is consistent with the City's monthly interest earnings paid on City funds.
Estimated PA share (Column L)	This column estimates the portion of interest earnings that is expected to be credited to the Participating Agencies. Individual Agencies will be credited during the audit following one year after the substantial completion of Pure Water Phase 1. Agencies will be credited at weighted average of costs from 2014 to one year after substantial completion of Phase 1, based on the PA's individual annual percent share of Metro costs.
Annual Interest Rate (Column M)	This column shows the annual percent returns on funds invested by the City Treasurer. This is based on the Treasurers annual return on investments as invested under the City's investment policy. This is the rate used to calculate yearly interest owed.

Notes This calculator was designed to account for the time value of money related to (50/50 POs). If additional Phase 1 item (CIP expenses, Revenue, etc.) need to account for the time value of money, the assumptions used in Columns I-K will remaining consistent in those calculations. Columns C through H and the associated percentages used will be adapted to fit the types of costs being allocated.

Sample Bill from the County Water Authority for all city of San Diego Water purchases for the month of December 2024 to provide clarity for any sewer only providers. Additional documentation will be provided at a later date walking from this bill to the purified water calculation



A Public Agency
4677 Overland Avenue, San Diego, California, 92123-1233
(858) 522-6673 FAX (858) 522-6561

Billed to:

San Diego, City of



Service Address:

2797 Caminito Chollas
San Diego, CA 92105-

December 2024

Invoice Summary

Mailed: 1/10/2025	Due Date: 2/14/2025
Invoice Number: 1224-15	Page 1 of 8

Net Deliveries	Current Month Volume (AF)	Adjustment Volume (AF)	CYTD Volume (AF)
Tier 1 Total Treated Water Delivered	2,081.1		17,964.3
Tier 1 Total Untreated Water Delivered	7,970.5		96,706.3
Tier 1 Usage	10,051.6		114,670.6

Supply Charges	Volume (AF)	Rate (\$/AF)	Total (\$)	CYTD Volume (AF)
CWA Forced Delivery - Untreated	231.3	\$ 1,200.00	\$ 277,560.00	46,134.1
CWA Regular Meter Delivery - Treated	2,069.2	\$ 1,600.00	\$ 3,310,720.00	17,627.4
CWA Regular Meter Delivery - Untreated	12,973.7	\$ 1,200.00	\$ 15,568,440.00	129,500.4
Subtotal	15,274.2		\$ 19,156,720.00	193,261.9

Water Exchanges	Volume (AF)	Rate(\$/AF)	Total (\$)	CYTD Volume (AF)
CWA Total To Other Agencies Untreated Water	(5,285.0)	\$ 1,200.00	(\$ 6,342,000.00)	(79,483.9)
CWA Total From Other Agencies Treated Water	11.9	\$ 1,600.00	\$ 19,040.00	336.9
CWA Total From Other Agencies Untreated Water	50.5	\$ 1,200.00	\$ 60,600.00	473.1
Subtotal	(5,222.6)		(\$ 6,262,360.00)	(78,673.9)

Subtotal	10,051.6	\$ 1,899,752.40
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Fixed Charges	Total (\$)
CWA Customer Service Charge	\$ 933,611.00
CWA Emergency Storage Charge	\$ 2,197,725.00
CWA Infrastructure Access Charge	\$ 1,760,089.00
CWA Supply Reliability Charge	\$ 1,504,825.00



A Public Agency
4677 Overland Avenue, San Diego, California, 92123-1233
(858) 522-6673 FAX (858) 522-6561

Billed to:

December 2024

Invoice Summary			
Variable Charges	Volume (AF)	Rate(\$/AF)	Total (\$)
Transportation Charge - Meter Delivery	15,274.2	\$ 189.00	\$ 2,886,823.80
Transportation Charge - Water Exchange	(5,222.6)	\$ 189.00	(\$ 987,071.40)
Variable Charges	Volume (AF)	Rate(\$/AF)	Total (\$)
Transportation Charge - Meter Delivery	15,274.2	\$ 189.00	\$ 2,886,823.80
Transportation Charge - Water Exchange	(5,222.6)	\$ 189.00	(\$ 987,071.40)

San Diego, City of



Mailed: 1/10/2025

Due Date: 2/14/2025

Invoice Number: 1224-15

Page 2 of 8

Service Address:

2797 Caminito Chollas
San Diego, CA 92105-

Fixed Charges	Total (\$)
MWD Capacity Reservation Charge	\$ 287,980.00
MWD Readiness-to-Serve Charge	\$ 406,779.00
Subtotal	\$ 7,091,009.00

Current Balance \$ 21,885,121.40

Previous Balance \$ 17,919,593.50

Total Due And Payable \$ 39,804,714.90

REMIT TO:

SAN DIEGO COUNTY WATER AUTHORITY
4677 Overland Avenue
San Diego, CA 92123-1233

Payment is due on the last business day of the month and shall be delinquent if not received in investable funds by 2 p.m. of the tenth business day of the following month.

Delinquency charges are 1% of the total amount if paid within five business days of the delinquency, 2% thereafter. Reference San Diego County Water Authority Ordinance No. 2007-03 Revenue Collection Policy for a complete explanation of billing and payment for water deliveries.



A Public Agency
4677 Overland Avenue, San Diego, California, 92123-1233
(858) 522-6673 FAX (858) 522-6561

Billed to:

San Diego, City of



December 2024

Invoice Detail

Mailed: 1/10/2025

Due Date: 2/14/2025

Invoice Number: 1224-15

Page 3 of 8

Service Address:

2797 Caminito Chollas
San Diego, CA 92105-

Supply Charges

CWA

Forced Delivery - Untreated

Meter No	Begin Read	End Read	1000 CU. FT.	AC. FT.	Rate(\$/AF)	Dollars(\$)
Over Weir,WEIR	248,532	248,761	228	5.2	\$ 1,200.00	\$ 6,240.00
San Diego,02	2,012,753	2,022,602	9,849	226.1	\$ 1,200.00	\$ 271,320.00
Untreated Water Subtotal				231.3		\$ 277,560.00

Regular Meter Delivery - Treated

Meter No	Begin Read	End Read	1000 CU. FT.	AC. FT.	Rate(\$/AF)	Dollars(\$)
San Diego, 27	197,491	210,099	12,609	289.5	\$ 1,600.00	\$ 463,200.00
San Diego, 30	3,079	3,080	2	0.0	\$ 1,600.00	\$ 0.00
San Diego,10	3,300,807	3,316,240	15,433	354.3	\$ 1,600.00	\$ 566,880.00
San Diego,11	11,413,060	11,461,025	47,966	1,101.1	\$ 1,600.00	\$ 1,761,760.00
San Diego,14	5,034,606	5,046,789	12,183	279.7	\$ 1,600.00	\$ 447,520.00
San Diego,15	3,837,922	3,839,738	1,816	41.7	\$ 1,600.00	\$ 66,720.00
SD 18/21 Bypass, 18/21 B/P	7,490	7,616	127	2.9	\$ 1,600.00	\$ 4,640.00
Treated Water Subtotal				2,069.2		\$ 3,310,720.00

Regular Meter Delivery - Untreated

Meter No	Begin Read	End Read	1000 CU. FT.	AC. FT.	Rate(\$/AF)	Dollars(\$)
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A Public Agency
4677 Overland Avenue, San Diego, California, 92123-1233
(858) 522-6673 FAX (858) 522-6561

Billed to:

San Diego, City of



December 2024

Invoice Detail

Mailed: 1/10/2025

Due Date: 2/14/2025

Invoice Number: 1224-15

Page 4 of 8

Service Address:

2797 Caminito Chollas
San Diego, CA 92105-

Supply Charges

CWA

Leakage (SD-1),01	0	31	540	12.4	\$ 1,200.00	\$ 14,880.00
San Diego, 28	7,377,561	7,443,701	66,141	1,518.4	\$ 1,200.00	\$ 1,822,080.00
San Diego, DCFSV66	1,434,378	1,651,079	216,701	4,974.8	\$ 1,200.00	\$ 5,969,760.00
San Diego,05A	9,627,449	9,733,405	105,956	2,432.4	\$ 1,200.00	\$ 2,918,880.00
San Diego,05B	8,808,476	8,932,713	124,237	2,852.1	\$ 1,200.00	\$ 3,422,520.00
San Diego,05C	1,405,570	1,428,831	23,261	534.0	\$ 1,200.00	\$ 640,800.00
San Diego,06A	2,967,595	2,969,351	1,756	40.3	\$ 1,200.00	\$ 48,360.00
San Diego,06B WEIR	1,591,412	1,591,432	20	0.5	\$ 1,200.00	\$ 600.00
San Diego,20	11,002,113	11,028,633	26,520	608.8	\$ 1,200.00	\$ 730,560.00
Untreated Water Subtotal				12,973.7		\$ 15,568,440.00

Supply Charges Subtotal 15,274.2 \$ 19,156,720.00

Supply Charges Total 15,274.2 \$ 19,156,720.00

Water Exchanges

CWA

To Other Agencies Untreated Water

Exchange Location	To Agency	AC. FT.	Rate(\$/AF)	Dollars(\$)	Comments
DCFSV66	San Diego County Water Authority	(4,974.8)	\$ 1,200.00	(\$ 5,969,760.00)	credit for no purchase
Del Mar (NA)	Del Mar, City of	(78.9)	\$ 1,200.00	(\$ 94,680.00)	
San Vicente Acct	San Diego County Water Authority	(231.3)	\$ 1,200.00	(\$ 277,560.00)	
To Other Agencies Untreated Water Subtotal		(5,285.0)		(\$ 6,342,000.00)	



A Public Agency
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(858) 522-6673 FAX (858) 522-6561

Billed to:

San Diego, City of



December 2024

Invoice Detail

Mailed: 1/10/2025

Due Date: 2/14/2025

Invoice Number: 1224-15

Page 5 of 8

Service Address:

2797 Caminito Chollas
San Diego, CA 92105-

Water Exchanges

CWA

From Other Agencies Treated Water

Exchange Location	From Agency	AC. FT.	Rate(\$/AF)	Dollars(\$)	Comments
El Camino Real	Santa Fe I.D.	1.0	\$ 1,600.00	\$ 1,600.00	
Highland Ct.	Santa Fe I.D.	0.2	\$ 1,600.00	\$ 320.00	
Otay TP	Otay W.D.	10.7	\$ 1,600.00	\$ 17,120.00	
From Other Agencies Treated Water Subtotal		11.9		\$ 19,040.00	

From Other Agencies Untreated Water

Exchange Location	From Agency	AC. FT.	Rate(\$/AF)	Dollars(\$)	Comments
Fletcher Well	Helix W.D.	50.5	\$ 1,200.00	\$ 60,600.00	
From Other Agencies Untreated Water Subtotal		50.5		\$ 60,600.00	

Water Exchanges Subtotal	(5,222.6)	(\$ 6,262,360.00)
Water Exchanges Total	(5,222.6)	(\$ 6,262,360.00)

Variable Charges

Transportation Charge - Meter Delivery

Meter No./Location	AC. FT.	Rate(\$/AF)	Dollars(\$)	Comments
Leakage (SD-1),01	12.4	\$ 189.00	\$ 2,343.60	
Over Weir,WEIR	5.2	\$ 189.00	\$ 982.80	
San Diego, 27	289.5	\$ 189.00	\$ 54,715.50	
San Diego, 28	1,518.4	\$ 189.00	\$ 286,977.60	
San Diego, 30	0.0	\$ 189.00	\$ 0.00	
San Diego, DCFSV66	4,974.8	\$ 189.00	\$ 940,237.20	



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Page 6 of 8

Service Address:

2797 Caminito Chollas
San Diego, CA 92105-

Variable Charges

San Diego,02	226.1	\$ 189.00	\$ 42,732.90
San Diego,05A	2,432.4	\$ 189.00	\$ 459,723.60
San Diego,05B	2,852.1	\$ 189.00	\$ 539,046.90
San Diego,05C	534.0	\$ 189.00	\$ 100,926.00
San Diego,06A	40.3	\$ 189.00	\$ 7,616.70
San Diego,06B WEIR	0.5	\$ 189.00	\$ 94.50
San Diego,10	354.3	\$ 189.00	\$ 66,962.70
San Diego,11	1,101.1	\$ 189.00	\$ 208,107.90
San Diego,14	279.7	\$ 189.00	\$ 52,863.30
San Diego,15	41.7	\$ 189.00	\$ 7,881.30
San Diego,20	608.8	\$ 189.00	\$ 115,063.20
SD 18/21 Bypass, 18/21 B/P	2.9	\$ 189.00	\$ 548.10
Transportation Charge - Meter Delivery Subtotal	15,274.2		\$ 2,886,823.80

Transportation Charge - Water Exchange

Meter No./Location	AC. FT.	Rate(\$/AF)	Dollars(\$)	Comments
DCFSV66	(4,974.8)	\$ 189.00	(\$ 940,237.20)	credit for no purchase
Del Mar (NA)	(78.9)	\$ 189.00	(\$ 14,912.10)	
El Camino Real	1.0	\$ 189.00	\$ 189.00	
Fletcher Well	50.5	\$ 189.00	\$ 9,544.50	
Highland Ct.	0.2	\$ 189.00	\$ 37.80	
Otay TP	10.7	\$ 189.00	\$ 2,022.30	
San Vicente Acct	(231.3)	\$ 189.00	(\$ 43,715.70)	
Transportation Charge - Water Exchange Subtotal	(5,222.6)		(\$ 987,071.40)	



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Due Date: 2/14/2025

Invoice Number: 1224-15

Page 7 of 8

Service Address:

2797 Caminito Chollas
San Diego, CA 92105-

Variable Charges Subtotal	10,051.6	\$ 1,899,752.40
Variable Charges Total	10,051.6	\$ 1,899,752.40

Fixed Charges

CWA

Customer Service Charge	Annual (\$)	Monthly (\$)
Annual Customer Service Charge for Calendar Year 2024	\$ 11,203,332.00	
Customer Service Charge December		\$ 933,611.00
Emergency Storage Charge	Annual (\$)	Monthly (\$)
Annual Emergency Storage Charge for Calendar Year 2024	\$ 26,372,700.00	
Emergency Storage Charge December		\$ 2,197,725.00
Infrastructure Access Charge	Annual (\$)	Monthly (\$)
Annual Infrastructure Access Charge for Calendar Year 2024	\$ 21,121,068.00	
Infrastructure Access Charge December		\$ 1,760,089.00
Supply Reliability Charge	Annual (\$)	Monthly (\$)
Annual Supply Reliability Charge for Calendar Year 2024	\$ 18,057,900.00	
Supply Reliability Charge December		\$ 1,504,825.00

MWD

Capacity Reservation Charge	Annual (\$)	Monthly (\$)
Annual Capacity Reservation Charge for Calendar Year 2024	\$ 3,455,760.00	
Capacity Reservation Charge December		\$ 287,980.00
Readiness-to-Serve Charge	Annual (\$)	Monthly (\$)
Annual Readiness-to-Serve Charge for Fiscal Year 2025	\$ 4,881,348.00	
Readiness-to-Serve Charge December		\$ 406,779.00
Fixed Charges Subtotal		\$ 7,091,009.00

Current Balance	\$ 21,885,121.40
Previous Balance	\$ 17,919,593.50
Total Due And Payable	\$ 39,804,714.90

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Due Date: 2/14/2025

Invoice Number: 1224-15

Page 8 of 8

REMIT TO:

SAN DIEGO COUNTY WATER AUTHORITY
4677 Overland Avenue
San Diego, CA 92123-1233

Payment is due on the last business day of the month and shall be delinquent if not received in investable funds by 2 p.m. of the tenth business day of the following month. Delinquency charges are 1% of the total amount if paid within five business days of the delinquency, 2% thereafter. Reference San Diego County Water Authority Ordinance No. 2007-03 Revenue Collection Policy for a complete explanation of billing and payment for water deliveries.