

**BOARD OF DIRECTORS
SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT
REGULAR MEETING
1402 N. VOSBURG DR. AZUSA, CA 91702
MONDAY, MAY 13, 2024
8:00 AM – 10:00 AM (PDT)**

This meeting will be held in person at the District office, located at 1402 North Vosburg Drive, Azusa, California. While the Boardroom is open for public attendance, you are strongly encouraged to participate in the meeting virtually through the remote Zoom link provided below. If you attend the Board meeting in person, please maintain appropriate social distancing to the extent feasible (i.e., maintain a six-foot distance between yourself and other individuals). Face coverings are encouraged but not required for attendees. Lastly, if you are experiencing any COVID-19 symptoms, including fever or chills, cough, shortness of breath or difficulty breathing, fatigue, muscle or body aches, headache, new loss of taste or smell, sore throat, congestion or runny nose, nausea or vomiting or diarrhea, please do not attend the meeting in person.

Join Zoom Meeting

<https://us02web.zoom.us/j/89013306120?pwd=SUZJRzFFSDRXUVVITY0NhOXQ0c1l6QT09>

Meeting ID: 890 1330 6120

Passcode: 512838

Dial by your location

+1 669 444 9171 US

PLEDGE OF ALLEGIANCE

ROLL CALL: Eng, Knoles, Paulson, Placido, Prince

PUBLIC COMMENTS FOR ITEMS NOT ON THE AGENDA

UPDATES FROM CITY REPRESENTATIVES

CONSENT CALENDAR: The following matters are expected to be routine and will be acted upon by a single motion with little discussion unless any Director or citizen requests a separate action:

Minutes of the Regular Board Meeting of April 08, 2024

Financial Statements of April 2024

Treasurer's Investment Report Dated March 31, 2024

Disbursements of the Revolving Fund Dated April 18, 2024, Check Nos. 12490 - 12493, EFTs and Wires

Disbursements of the Revolving Fund Dated May 02, 2024, Check Nos. 12494 – 12499, EFT, and Wires

Disbursements of the Revolving Fund Dated May 13, 2024, Check Nos. 12500 – 12503, EFT, and Wires

Disbursements of the General Fund Dated April 9 - 29, Check Nos. 44398 – 44415, and EFTs

Disbursements of the General Fund Dated May 1 - 13, Check Nos. 44416 – 44469, and EFTs

Disbursements of the State Water Project (SWP) Dated April 22, 2024, Check No. 1005

Future Meeting Attendance Approval: None

ACTION ITEMS

1. Pure Water White Paper – Stetson Engineers
2. Grant/Loan Policy Resolution No. 05-2024-832
3. Cost Of Living Adjustment
4. Draft 2024 - 2025 Budget
5. Change Order For T.E. Roberts

INFORMATION ITEMS

External Affairs Update

UNFINISHED BUSINESS

1. Report on Basin Management
2. Report of WQA
3. Report of the Attorney
4. Report of General Manager/Assistant Manager
5. Report of the State Water Contractors

COMMITTEE MEETING REPORTS

DIRECTOR REPORTS ON EVENTS ATTENDED

DIRECTORS COMMENTS

ADJOURNMENT

THIS AGENDA WAS POSTED ON MAY 9, 2024 AT SGVMWD.
THE NEXT REGULAR BOARD MEETING WILL BE ON JUNE 10, 2024.

**MINUTES
BOARD OF DIRECTORS
SAN GABRIEL VALLEY MUNICIPAL
WATER DISTRICT
REGULAR BOARD MEETING
1402 N. VOSBURG DR. AZUSA, CA 91702
MONDAY, APRIL 08, 2024
8:00 A.M.**

At 8:00 a.m. on April 08, 2024, the Board of Directors meeting was held in person at the District office, located at 1402 North Vosburg Drive, Azusa, California. While the Boardroom was open for public attendance, the District strongly encouraged attendees wanting to attend the meeting to participate in the meeting virtually through the remote Zoom link provided below. Attendees in person were asked to please maintain appropriate social distancing to the extent feasible (i.e., maintain a six-foot distance between yourself and other individuals). Face coverings were encouraged but not required for attendees.

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PLEDGE OF ALLEGIANCE

CALL TO ORDER:

President Paulson called the meeting to order at 8:00 a.m.

ROLL CALL:

Directors present at Roll Call: Eng, Knoles, Paulson, Placido, Prince

ALSO PRESENT:

Darin Kasamoto, General Manager; Steve Kiggins, Assistant General Manager; Linda Esquivel, Executive Assistant; Evelyn Reyes, External Affairs Manager; Albert Lu, External Affairs Specialist; Jim Ciampa, Lagerlof LLP; Dave DePinto, DMCI

Via telephone/Zoom: Melissa Barbosa and Carlos Solis, City of Azusa; Frank Heldman, City of Monterey Park; Latoya Waters, City of Alhambra

PUBLIC COMMENTS ON NON-AGENDA ITEMS

None.

UPDATES FROM THE CITY REPRESENTATIVE

None.

CONSENT CALENDAR:

Minutes of the Regular Board Meeting of March 11, 2024

Minutes of the Administrative/Finance Committee of March 26, 2024

Financial Statements for March 2024

Disbursements of the Revolving Fund Dated:

March 21, 2024, Check Nos. 12474 – 12479, EFTs, and Wires in the amount of \$64,228.86

April 4, 2024, Check Nos. 12480 – 12485, EFT, and Wires in the amount of \$62,489.31

April 08, 2024, Check Nos. 12486 – 12489, and Wires in the amount of \$3,496.00

Disbursements of the General Fund Dated:

March 12 - 28, 2024, Check Nos. 44330 – 44351 and EFTs in the amount of \$147,107.64

April 02 - 08, Check Nos. 44352 – 44397, and EFT in the amount of \$670,772.73

Disbursements of the State Water Project (SWP) Dated: March 4, 2024, Check No. 1004, in the amount of \$632,497.00

Future Meeting Attendance Approval:

Sierra Madre Community Foundation Whiskey & Wine – Apr. 13. Mia Italia Sierra Madre

SGV Public Affairs Network Luncheon – Apr. 19, City of Industry

Pasadena Education Network – Apr. 21, Pasadena

On the motion of Director Eng, seconded by Director Placido, and unanimously carried 5-0, the Consent Calendar was approved.

ACTION AGENDA ITEM

LOAN/GRANT POLICY

The General Manager reported that the Board instructed Legal Counsel Ciampa to develop a Loan/Grant Policy. The draft policy was reviewed by the Administrative/Finance Committee, which suggested the following modifications: 1) a not-to-exceed 10-year term, and 2) a member city cannot request for a second loan if they already have an existing loan with the District. Legal Counsel Ciampa will revise the grant and loan policy to address those modifications and make several other changes and will present the revised policy at the May Board Meeting for approval.

SET WATER RATES FOR 2024-2025

The General Manager reported that the Main San Gabriel Watermaster requires that the District set its water and RDA rates before the May Watermaster Board Meeting. The Administrative/Finance Committee reviewed the current rate being charged by DWR and the recent trend of increases and recommended that rates of \$240 and \$840, respectively, be adopted. In addition, the Committee also recommended that the cities be notified that the District projects the following rates going forward: years 2025 - \$260 per acre-foot, 2026 - \$280 per acre-foot, and 2027 - \$300 per acre-foot.

On motion of Director Prince, seconded by Director Paulson, and unanimously carried 5-0, A RESOLUTION OF THE BOARD OF DIRECTORS OF THE SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT ESTABLISHING WATER RATES FOR THE FISCAL YEAR COMMENCING JULY 1, 2024, AND REPEALING RESOLUTION NO. 04-2023-821, Resolution No. 04-2024-831 was passed, approved, and adopted.

Approved by the Board of Directors of the San Gabriel Valley Municipal Water District at its regular meeting held on April 08, 2024, by the following roll call vote:

Ayes: Eng, Knoles, Paulson, Placido, Prince
Noes: None
Absent: None
Abstain: None

2024 LEGISLATIVE BILLS

Ms. Reyes reported in the 2024 Legislative Session, 2,145 bills were introduced by the February 16 bill introduction deadline. The District's yearly trip to Sacramento was very productive. The State Water Contractors are keeping a close watch on the following 2-year bills: AB460, AB1337, AB1567, SB366, and SB867. New bills introduced in 2024 are AB2060, AB2409, SB1218, SB1390, and SB1330 are also being watched. Legal Counsel Ciampa elaborated on SB1330.

On motion of Director Prince, seconded by Director Eng, and unanimously carried 5-0, the Board approved the following recommended positions on legislation of interest: Oppose AB460 and AB1337; Support SB366, AB2409, and SB1330; Support if amended AB2060 and SB1390; and Watch AB1567, SB867, and SB1218.

CONSIDER CANDIDATES FOR LAFCO SPECIAL DISTRICT VOTING MEMBER

On motion of Director Eng, seconded by Director Placido, and unanimously carried 5-0, the Board of Directors decided to cast the District's vote for LAFCO Special District Voting Member for incumbent Donald L. Dear.

INFORMATION ITEMS

EXTERNAL AFFAIRS

External Affairs Report in Agenda Packet.

Ms. Reyes reported on the District trip to Sacramento. She also stated Assemblywoman Rubio thanked the District for assisting with the water tour that occurred. Upcoming Spring Events: Sierra Madre Community Bike Ride scheduled for Saturday, April 13; City of Monterey Park Earth Day (in conjunction with the Cherry Blossom Festival), Saturday, April 27; and City of Alhambra Eco Fair (in conjunction with the Active Streets Mission-to-Mission), Sunday, April 28.

Director Eng asked for the times for each of the programs. Ms. Reyes will get back to him with that information.

The District sponsored the Mark Keppel High School 5k run by providing bottled water.

Ms. Reyes thanked Director Placido, Director Eng, and Director Paulson for attending the Marguerita Elementary Dedication Ceremony.

The PWAG Community Engagement Team awarded 2 of its 3 scholarships to Mark Keppel High School students.

UNFINISHED BUSINESS

REPORT ON BASIN MANAGEMENT

Assistant General Manager Steve Kiggins reported the Preliminary Determination of Operating Safe Yield for FY 2024-2025 through 2028-2029 is being recommended at 160,000 acre-feet. He also reported that earlier this year former Executive Officer Tony Zampielo announced his retirement; Russ Bryden, who has 20 years of experience with L. A. County Public Works, was hired as the new Executive Director. Mr. Zampielo is now Chief Administrative Officer until he retires, no set date has been confirmed.

REPORT OF WQA

No report.

REPORT OF THE ATTORNEY

General Counsel Ciampa reported there are many water bills as Ms. Reyes reported. He also commented that LAFCO has 54 Special Districts in L. A. County. Compensation for LAFCO members is \$150 per meeting plus mileage.

REPORT OF THE GENERAL MANAGER/ASSISTANT GENERAL MANAGER

The General Manager's written report is in the Agenda Packet.

The General Manager reported that he and the Assistant General Manager met with Stetson Engineers regarding the Pure Water Project White Paper and unfortunately due to a scheduling conflict they were unable to attend the April Board Meeting. However, they are scheduled to attend the May Board Meeting and present their White Paper. Director Knoles and Director Placido were thanked for attending last week's Legislative Sacramento trip.

The Assistant General Manager's written report is in the Agenda Packet.

The Assistant General Manager reported on project updates: DCAP SCH 1 Pipeline Continuity Bonding, Corrosion Assessment Validation and Cathodic System Design: Joint Bonding progress has been hampered by pin-brazing equipment problems but should be complete by April 12. Continuity testing between manholes will then be performed to verify all joints are

bonded. Once verified, blind flanges will be reinstalled, and the pipeline will be refilled, and pressure tested. The Committee of 9 has their annual clean-out scheduled and therefore the project can be completed prior to the retirement of Manager Don Barry.

REPORT OF THE STATE WATER CONTRACTORS

The General Manager's written report is in the Agenda Packet.

The General Manager reported the State Water Project allocation for 2024 was increased to 30%. Conditions throughout the state remained favorable in March, and he anticipates another increase sometime in April. DWR will be looking for funding commitments from contractors to keep the DCP planning process going beyond 2025. The District will be asked to consider this once more information, including an updated cost estimate, is available. The time frame for evaluating this will be sometime in June or July.

COMMITTEE MEETING REPORTS

Minutes are in the Agenda Packet.

DIRECTOR REPORTS ON EVENTS ATTENDED

None.

DIRECTOR COMMENTS

Director Placido commented that the legislative trip to Sacramento was great.

ADJOURNED

There being no further business, upon motion made, seconded, and carried unanimously, the meeting was duly adjourned at 9:04 a.m. The next Regular Board Meeting of the San Gabriel Valley Municipal Water District will be on May 13, 2024, at 8:00 a.m.

President

ATTEST:

Secretary

San Gabriel Valley Municipal Water District

Balance Sheet

As of April 30, 2024

	Apr 30, 24
ASSETS	
Current Assets	
Checking/Savings	
1001 - General Fund Bank of America	5,645,236.88
1002 - SWP Fund Account	9,593,309.08
1005 - Revolving Cash Fund	147,955.22
1008 - Petty Cash	442.00
1009 - LAIF	10,864,952.86
1009.01 - LAIF FMV Adjustment	-315,660.03
1011 - UBS Resource Management Account	
1012 - Cash with Broker	63,866.45
1013 - Certificates of Deposit	9,866,993.42
Total 1011 - UBS Resource Management Account	9,930,859.87
1014 - UBS Accrued Interest	-42,232.97
Total Checking/Savings	35,824,862.91
Accounts Receivable	
1603 - Accounts Receivable	33,367.34
Total Accounts Receivable	33,367.34
Other Current Assets	
1605 - Taxes Receivable	-0.34
1606 - Interest Receivable	42,232.97
1620 - Prepaid Expenses	129,957.48
1660 - Water Inventory	1,896,657.55
Total Other Current Assets	2,068,847.66
Total Current Assets	37,927,077.91
Fixed Assets	
1924.2 - Accum Depr Hydro Elect San D	4,130.49
1924.1 - Accum Depr Hydro Elect	7,919.14
1923 - Hydroelectric Facility San Dima	1,190,903.68
1701 - State Water Project Engineering	156,789.28
1702 - State Water Prj Wtr Cntrct Pmts	5,627,376.00
1703 - Accum Ammort - State Water Proj	-4,707,672.00
1750 - SCADA 2013	884,531.22
1801 - Pipeline	26,881,938.46
1830 - Accum Depreciation - Pipeline	-17,266,685.31
1840 - SCADA Telemetry	48,442.01
1841 - Accum Depreciation -SCADA	-13,126.18
1851 - Accum Depreciaton - SCADA 13	-842,040.28
1901 - Land	735,931.46
1902 - Buildings	2,322,562.42
1903 - Accum Depr - Buildings	-2,314,076.01
1904 - Furniture and Fixtures	194,856.20
1905 - Accum Depr - Furn and Fixtures	-170,984.90
1907 - Vehicles	257,056.24
1908 - Accum Depr - Vehicles	-184,168.41
1910 - Pipeline Misc Equipment	223,817.49
1911 - Accum Depr - Pipeline Misc Equi	-87,384.70
1920 - Construction in Process	
1920.02 - CIP - Scada	11,157.83
1920.05 - HydroElectric Facility San Dima	125,682.53
Total 1920 - Construction in Process	136,840.36
1921 - Capital Expenditures	
1921.03 - Roof	58,390.47
1921.04 - Repaving	3,950.00
1921.05 - Computer	6,198.90
1921.07 - SanDimas Hydro Deflec Batteries	35,595.25
1921.10 - SGFCS PRATT 30" Ball Valve	311,255.10

San Gabriel Valley Municipal Water District
Balance Sheet
As of April 30, 2024

	Apr 30, 24
1921.11 - Safety - Protection	47,955.32
1921.12 - Sched 1 Joint Bonding	1,277,048.64
1921.13 - Integration of Lytle Creek	70,476.00
Total 1921 - Capital Expenditures	1,810,869.68
1916 - A/D Computers	-5,501.91
1917 - A/D Paving	-1,208.83
1918 - A/D San Dimas Hydro	-14,844.04
1922 - A/D Roof	-22,860.08
Total Fixed Assets	14,853,411.48
Other Assets	
1998.99 - Deferred Outflows -OPEB	755,039.00
1999.99 - 1999.Deferred Outflows of Res	1,325,016.00
1931 - City Of Monterey Park Loan 2021	4,000,000.00
1932 - City Of Sierra Madre 2020 Loan	2,499,937.00
Total Other Assets	8,579,992.00
TOTAL ASSETS	61,360,481.39
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
2001 - Accounts Payable	759,027.44
Total Accounts Payable	759,027.44
Other Current Liabilities	
2010 - Accrued Payroll - V&SL	450,676.52
24000 - Payroll Liabilities	54.09
Total Other Current Liabilities	450,730.61
Total Current Liabilities	1,209,758.05
Long Term Liabilities	
1698.99 - Deferred Inflows- OPEB	1,242,581.00
2219.99 - Net Pension Liability	824,291.00
1699.99 - Deferred Inflow of Resources	1,069,338.00
2209 - Other Post-Employment Benefits	5,205,313.26
Total Long Term Liabilities	8,341,523.26
Total Liabilities	9,551,281.31
Equity	
2301 - Fund Balance	4,422,025.73
2302 - San Bernardino Contribution	1,781,730.83
2970 - Retained Earnings	40,369,115.23
2973 - Contribution Aid Capital	1,280,323.11
Net Income	3,956,005.18
Total Equity	51,809,200.08
TOTAL LIABILITIES & EQUITY	61,360,481.39

San Gabriel Valley Municipal Water District
Income Statement - Actual vs. Budget
April 2024

	Apr 24	Budget	Jul '23 - Apr 24	YTD Budget	Annual Budget
Ordinary Income/Expense					
Income					
General Operations					
3002 • Property Tax Revenue	1,735,769.80	433,333.00	5,056,534.35	4,333,330.00	5,200,000.00
3003 • Water Sales	1,654,977.20	372,083.00	3,777,585.40	3,720,830.00	4,465,000.00
3004 • Interest Income	155,458.59	35,417.00	677,056.15	354,170.00	425,000.00
3005 • Ready to Serve Revenue	990.00	990.00	9,900.00	9,900.00	11,880.00
3006 • RDA Prop Tax Trust Fund Alloc	0.00	75,000.00	822,324.20	750,000.00	900,000.00
3008 • SBVMWD Pipeline Maintenance Rev	0.00	2,500.00	0.00	25,000.00	30,000.00
3016 • Unrealized Gain (Loss) on Inves	806.55	0.00	211,607.33	0.00	0.00
Total General Operations	3,548,002.14	919,323.00	10,555,007.43	9,193,230.00	11,031,880.00
Power Revenue Sales					
3210 • Hydro Power Sales	14,654.14	4,167.00	176,952.38	41,670.00	50,000.00
Total Power Revenue Sales	14,654.14	4,167.00	176,952.38	41,670.00	50,000.00
Restricted Revenue - SWP					
3306 • Tax Revenue - State Water Proje	2,633,199.64	816,667.00	8,674,516.96	8,166,670.00	9,800,000.00
Total Restricted Revenue - SWP	2,633,199.64	816,667.00	8,674,516.96	8,166,670.00	9,800,000.00
Total Income	6,195,855.92	1,740,157.00	19,406,476.77	17,401,570.00	20,881,880.00
Gross Profit	6,195,855.92	1,740,157.00	19,406,476.77	17,401,570.00	20,881,880.00
Expense					
Unrestricted G.O. Expenses					
4001 • Director Fees	3,200.00	2,917.00	40,600.00	29,170.00	35,000.00
4010 • Salaries- Administrative	24,235.20	26,255.00	278,704.80	262,550.00	315,057.00
4014 • Field Supervision	16,766.40	17,799.00	188,622.00	177,990.00	213,584.00
4020 • Salaries Office	18,341.42	19,870.00	185,825.65	198,700.00	238,439.00
4021 • External Affairs Wages	5,265.60	12,029.00	112,332.42	120,290.00	144,345.00
4022 • Part Time Employee	0.00	864.00	0.00	8,640.00	10,370.00
4023 • External Affairs Specialist	11,718.40	6,348.00	61,521.60	63,480.00	76,170.00
4027 • Office Supplies - Equipment Mai	556.42	3,667.00	28,453.89	36,670.00	44,000.00
4029 • Election Expenses	0.00	0.00	0.00	0.00	0.00
4031 • Legal Services	2,250.00	4,167.00	21,845.55	41,670.00	50,000.00
4032 • State Water Contract Services	3,764.63	3,750.00	37,646.24	37,500.00	45,000.00
4033 • Public Relations	6,839.21	11,250.00	54,693.16	112,500.00	135,000.00
4034 • Governmental Relations Consulti	8,115.50	8,042.00	81,705.41	80,420.00	96,500.00
4035 • Consulting & Engineering Expens	43,786.62	101,877.00	949,952.17	1,018,770.00	1,222,520.00
4036 • Medicare Tax Expense	1,484.56	1,642.00	15,973.21	16,420.00	19,703.00
4039 • PERS - Retirement Expenses	25,601.93	56,171.00	563,643.26	561,710.00	674,050.00
4040 • Social Security Tax Expense	6,347.81	5,358.00	56,171.66	53,580.00	64,294.00
4041 • State Compensation Fund	1,309.29	1,583.00	13,744.98	15,830.00	19,000.00
4042 • State Unemployment Insurance Ta	51.20	140.00	1,354.20	1,400.00	1,681.00

San Gabriel Valley Municipal Water District
Income Statement - Actual vs. Budget
April 2024

	Apr 24	Budget	Jul '23 - Apr 24	YTD Budget	Annual Budget
4043 · Health Insurance Expense	31,657.29	32,000.00	306,153.37	320,000.00	384,000.00
4044 · Dental/ Vision Benefit Expense	4,096.43	7,667.00	80,113.05	76,670.00	92,000.00
4045 · Insurance - Liability, Casualty	3,592.75	4,583.00	44,744.51	45,830.00	55,000.00
4046 · Blue Cross Employee Reimburseme	967.53	7,500.00	64,722.89	75,000.00	90,000.00
4048 · Life Insurance	352.15	375.00	3,466.50	3,750.00	4,500.00
4050 · Dues and Associations	8,456.24	7,917.00	86,394.23	79,170.00	96,000.00
4051 · Travel and Conferences -Dir	320.37	2,083.00	14,995.34	20,830.00	25,000.00
4052 · Publications and Periodicals	0.00	25.00	69.95	250.00	300.00
4053 · State Water Contractors Audit	0.00	833.00	10,290.00	8,330.00	10,000.00
4054 · Financial Audit Expense	0.00	1,667.00	19,768.75	16,670.00	20,000.00
4055 · Travel & Conference -Staff	333.20	2,500.00	12,858.43	25,000.00	30,000.00
4057 · Taxes - Annual Fee	0.00	4,333.00	61,481.54	43,330.00	52,000.00
4058 · Tax Collection Fees	34,667.56	3,167.00	39,714.74	31,670.00	38,000.00
4059 · Property Tax Expense	0.00	54.00	799.26	540.00	650.00
4060 · Telephone Expense	2,421.26	3,500.00	32,805.68	35,000.00	42,000.00
4061 · Utilities - Gas, Electric, and	1,532.97	1,667.00	16,686.76	16,670.00	20,000.00
4063 · Safety Program	12.43	1,667.00	4,338.61	16,670.00	20,000.00
4065 · Water Conservation/Rebates Prog	8,983.00	24,583.00	107,033.25	245,830.00	295,000.00
4067 · OPEB -Other Post Employment Ben	23,333.33	56,667.00	633,333.30	566,670.00	680,000.00
4090 · SWP Transportation Cost	0.00	483,333.00	2,448,478.69	4,833,330.00	5,800,000.00
4093 · Uniform and Material Rentals	894.91	333.00	2,894.62	3,330.00	4,000.00
4095 · Vehicle Maintenance, Operating	3,842.05	2,500.00	28,721.47	25,000.00	30,000.00
4096 · Communication Expense	472.68	792.00	7,688.69	7,920.00	9,500.00
4099 · Facility Maintenance	1,888.02	2,500.00	34,384.31	25,000.00	30,000.00
4100 · Salaries - Field Workers	21,896.82	24,347.00	217,867.94	243,470.00	292,165.00
4108 · Grounds Maintenance and Materia	1,601.25	2,750.00	29,857.75	27,500.00	33,000.00
4112 · Depreciation Expense	50,035.00	0.00	500,350.00	0.00	0.00
4113 · Pipeline Maintenance & Material	2,750.00	4,167.00	34,763.38	41,670.00	50,000.00
4114 · SCADA Maintence	0.00	833.00	17,921.70	8,330.00	10,000.00
4120 · Grants	107,816.93	176,713.00	207,394.37	1,767,130.00	2,120,553.00
Total Unrestricted G.O. Expenses	491,558.36	1,144,785.00	7,762,883.28	11,447,850.00	13,737,381.00
Riverside Facility					
4300 · Salaries - Riverside	309.66	1,400.00	2,867.78	14,000.00	16,803.00
4301 · Riverside Maintenance and Mater	467.08	2,358.00	14,202.94	23,580.00	28,300.00
Total Riverside Facility	776.74	3,758.00	17,070.72	37,580.00	45,103.00
Hydro Expenses					
4402 · Salaries - Hydro	650.52	794.00	10,554.16	7,940.00	9,523.00
4403 · Hydro Maintenance Materials	0.00	1,125.00	15,378.65	11,250.00	13,500.00
4406 · Hydro So Cal Edison (8800)	0.00	833.00	6,000.98	8,330.00	10,000.00
Total Hydro Expenses	650.52	2,752.00	31,933.79	27,520.00	33,023.00

San Gabriel Valley Municipal Water District
Income Statement - Actual vs. Budget
April 2024

	Apr 24	Budget	Jul '23 - Apr 24	YTD Budget	Annual Budget
Restricted Expense					
4510 • State Project Expense	66,942.00	641,667.00	7,504,779.00	6,416,670.00	7,700,000.00
4511 • State Project Amortization	8,034.00	8,083.00	80,340.00	80,830.00	97,000.00
4591 • State Project Cost of Water Adj	9,404.00	0.00	51,291.00	0.00	0.00
Total Restricted Expense	84,380.00	649,750.00	7,636,410.00	6,497,500.00	7,797,000.00
66000 • Payroll Expenses	0.00	0.00	2,173.80	0.00	0.00
66900 • Reconciliation Discrepancies	0.00	0.00	0.00	0.00	0.00
Total Expense	577,365.62	1,801,045.00	15,450,471.59	18,010,450.00	21,612,507.00
Net Ordinary Income	5,618,490.30	-60,888.00	3,956,005.18	-608,880.00	-730,627.00
Other Income/Expense					
Other Expense					
6001 • COVID-19 Expense	0.00	0.00	0.00	0.00	0.00
6002 • Employee Appreciation	0.00	0.00	0.00	0.00	0.00
Total Other Expense	0.00	0.00	0.00	0.00	0.00
Net Other Income	0.00	0.00	0.00	0.00	0.00
Net Income	5,618,490.30	-60,888.00	3,956,005.18	-608,880.00	-730,627.00

TREAS RT ENDING MAR 31, 2024

San Gabriel Valley Municipal Water District

TREASURERS INVESTMENT REPORT
(Activity ending March 31, 2024)

Report Date March 31, 2024

Account EMO5573

CUSIP#	ACCT. NO.	QUANTITY PURCHASED	BANKING INSTITUTION	RATE	DATE OF PURCHASE	DATE OF MATURITY	RATE OF INTEREST	YIELD TO MATURITY	INTEREST REC'D TTD	QUANTITY PURCHASED
05580AV87	1013	\$240,000	BMW BK OF NA NA UT US	Fixed Rate	02/28/2020	02/28/2024	1.650%	1.650%	\$ 15,850.85	MATURED
07371CJ34	1013	\$240,000	BEALBANK NV US	Fixed Rate	03/02/2022	02/28/2024	1.500%	1.500%	\$ 7,180.27	MATURED
87164DSF8	1013	\$200,000	SYNOVUS BK GA US	Fixed Rate	03/11/2021	03/11/2024	0.300%	0.300%	\$ 1,801.65	MATURED
20033AS31	1013	\$240,000	COMENITY CAP BK UT US	Fixed Rate	03/15/2019	03/15/2024	2.950%	2.950%	\$ 34,236.03	MATURED
31982NAA4	1013	\$240,000	FIRST COMMONWEALTH PA U	Fixed Rate	08/08/2023	08/08/2023	5.500%	5.500%	\$ 6,581.93	MATURED
89788HFJ7	1013	\$240,000	TRUIST BK NC US	Fixed Rate	06/30/2023	04/01/2024	5.300%	5.300%	\$ -	\$240,000
981993C63	1013	\$200,000	COMENITY BANK DE US	Fixed Rate	06/13/2022	06/13/2024	2.950%	2.950%	\$ 9,174.81	\$200,000
9497635A0	1013	\$240,000	WELLS FARGO BK NA SD US	Fixed Rate	12/30/2022	07/01/2024	4.600%	4.600%	\$ 11,039.99	\$240,000
06740KQY6	1013	\$240,000	BARCLAYS BK DE US	Fixed Rate	07/27/2022	07/29/2024	3.200%	3.200%	\$ 7,680.00	\$240,000
88241TLV0	1013	\$240,000	TEXAS EXCHANGE BK TX US	Fixed Rate	08/13/2021	08/13/2024	0.500%	0.500%	\$ 2,998.38	\$240,000
8562832ES	1013	\$240,000	STATE BANK INDIA IL US	Fixed Rate	08/22/2022	08/22/2024	3.350%	3.350%	\$ 12,093.04	\$240,000
98970LC43	1013	\$240,000	ZIONS BANKCORP UT US	Fixed Rate	03/31/2023	09/24/2024	5.400%	5.400%	\$ 6,462.25	\$240,000
200339FB0	1013	\$240,000	COMERICA BXTX US	Fixed Rate	03/30/2023	09/30/2024	5.250%	5.250%	\$ 6,351.78	\$240,000
23204HNU8	1013	\$240,000	CUSTOMERS BANK PA US	Fixed Rate	03/30/2023	09/30/2024	5.250%	5.250%	\$ 6,351.78	\$240,000
69506YRY7	1013	\$240,000	PACIFIC WSTN BK CA US	Fixed Rate	09/30/2020	09/30/2024	0.400%	0.400%	\$ 2,880.00	\$240,000
87164XD29	1013	\$200,000	SYNCHRONY BK UT US	Fixed Rate	10/15/2021	10/15/2024	0.650%	0.650%	\$ -	\$200,000
90355UCJ2	1013	\$240,000	US BK BA OH US	Fixed Rate	02/02/2024	11/04/2024	4.950%	4.950%	\$ -	\$240,000
62452AFQ8	1013	\$240,000	MOUNTAINNONE BANK MA US	Fixed Rate	11/18/2022	11/18/2024	4.850%	4.850%	\$ -	\$240,000
795451CK7	1013	\$240,000	SALLIE MAE BANK UT US	Fixed Rate	11/18/2022	11/18/2024	4.950%	4.950%	\$ 11,880.00	\$240,000
523744AW0	1013	\$240,000	LEA CNTY ST BK HOB NM US	Fixed Rate	12/10/2021	12/10/2024	0.750%	0.750%	\$ 3,895.97	\$240,000
02007GH55	1013	\$240,000	ALLY BANK UT US	Fixed Rate	12/22/2022	12/23/2024	4.700%	4.700%	\$ 11,280.00	\$240,000
920133AN5	1013	\$240,000	VALLEY STRONG CRED CA US	Fixed Rate	02/10/2023	02/10/2025	5.100%	5.100%	\$ 12,172.93	\$240,000
12547CAN8	1013	\$240,000	CIBC BANK USA IL US	Fixed Rate	02/24/2023	02/24/2025	4.750%	4.750%	\$ 11,400.00	\$240,000
45383KTL1	1013	\$240,000	INDEPENDENT BK MI US	Fixed Rate	03/15/2024	03/17/2025	5.100%	5.100%	\$ -	\$240,000
31657FAU1	1013	\$240,000	FIELDPOINT PRVT B&CT US	Fixed Rate	09/29/2023	03/31/2025	5.600%	5.600%	\$ 4,492.28	\$240,000
02589AB68	1013	\$240,000	AMER EXPRESS NATL UT US	Fixed Rate	03/31/2020	03/31/2025	1.550%	1.550%	\$ 13,025.10	\$240,000
465076UJ4	1013	\$240,000	ISRAEL DISCOUNT BK NY US	Fixed Rate	09/29/2023	04/21/2025	5.500%	5.500%	\$ -	\$240,000
319477AV7	1013	\$240,000	FIRST CITIZENS B&T NC US	Fixed Rate	05/19/2023	05/19/2025	5.150%	5.150%	\$ 6,230.79	\$240,000
81258PKJ1	1013	\$240,000	SEATTLE BANK WA US	Fixed Rate	06/02/2020	06/02/2025	0.750%	0.750%	\$ 6,445.62	\$240,000
29278TPN4	1013	\$240,000	ENERBANK UT US	Fixed Rate	06/19/2020	06/19/2025	0.650%	0.650%	\$ 5,457.80	\$240,000
37149CAY3	1013	\$240,000	GENERATIONS BK AR US	Fixed Rate	07/29/2022	07/29/2025	3.400%	3.400%	\$ 12,273.49	\$240,000
95144PGY1	1013	\$240,000	WEST BANK IA US	Fixed Rate	02/16/2024	08/15/2025	4.950%	4.950%	\$ -	\$240,000
48128UNC9	1013	\$240,000	JPMORGAN CHASE & C DE US	Fixed Rate	09/30/2020	09/30/2025	0.400%	0.400%	\$ 2,880.01	\$240,000
67054NBD4	1013	\$240,000	NUMERICA CREDIT UN WA US	Fixed Rate	12/29/2022	12/29/2025	4.750%	4.750%	\$ 12,368.24	\$240,000
40102PAJ6	1013	\$240,000	GUARANTY BK & TR MS US	Fixed Rate	03/13/2024	03/13/2026	5.200%	5.200%	\$ -	\$240,000
90348JG53	1013	\$240,000	UBS BANK UT US	Fixed Rate	09/30/2020	09/30/2025	0.400%	0.400%	\$ 6,458.91	\$240,000
39573LBL1	1013	\$245,000	GREENSTATE CREDIT IA US	Fixed Rate	06/16/2021	06/16/2026	0.950%	0.950%	\$ 5,787.27	\$245,000
89235MLE9	1013	\$240,000	TOYOTA FINL SVG BK NV US	Fixed Rate	07/29/2021	07/29/2026	0.950%	0.950%	\$ 4,560.03	\$240,000

TREAS RT ENDING MAR 31, 2024

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TREAS RT ENDING MAR 31, 2024

San Gabriel Valley Municipal Water District

**TREASURERS INVESTMENT REPORT
(Activity ending March 31, 2024)**

Report Date March 31, 2024

61765Q6N4	1013	\$240,000	MORGAN STANLEY BK UT US	Fixed Rate	11/19/2022	11/19/2026	1.100%	1.100%	\$ 5,280.00	\$240,000
50626LAZ6	1013	\$240,000	LAFAYETTE FED CRED MD US	Fixed Rate	03/30/2022	03/30/2027	2.400%	2.400%	\$ 10,099.73	\$240,000
61768U4Z7	1013	\$240,000	MORGAN STANLEY PRI NY US	Fixed Rate	06/30/2022	06/30/2027	3.750%	3.750%	\$ 9,000.00	\$240,000
45673RAD3	1013	\$240,000	INFIRST FED CREDIT VA US	Fixed Rate	10/11/2022	10/11/2027	5.000%	5.000%	\$ 14,958.91	\$240,000
356436AJ4	1013	\$240,000	FREEDOM NW CREDIT ID US	Fixed Rate	05/09/2023	05/09/2028	5.000%	5.000%	\$ 9,008.22	\$240,000
24951TAX3	1013	\$240,000	DEPARTMENT OF COMM DC U	Fixed Rate	05/30/2023	05/30/2028	5.350%	5.350%	\$ 7,457.76	\$240,000
36266LAB2	1013	\$240,000	GHS FED CREDIT UNI NY US	Fixed Rate	08/17/2023	08/17/2028	5.600%	5.600%	\$ 5,633.76	\$240,000
64017ABG8	1013	\$240,000	NEIGHBORS FED CRED LA US	Fixed Rate	01/31/2024	01/31/2029	5.300%	5.300%	\$ 1,010.63	\$240,000
GRAND TOTAL CD'S PURCHASED										\$9,765,000

U S Treasury Note

91282CDV0	\$240,000	01/28/2022	01/31/2024	0.875%	0.875%	\$ 2,100.00	MATURED
	\$240,000	02/28/2022	01/31/2024	0.875%	0.875%	\$ 2,100.00	MATURED
91282CEX5	\$240,000	06/27/2023	06/30/2024	3.000%	3.000%	\$ 2,100.00	\$240,000
						\$ 3,560.22	
GRAND TOTAL US TSY NOTE							\$240,000

Money Market Account

When CD is in transition from maturity to repurchasing, it is entered into a money market account & this is the interest earned while in that account:

		Balance Forward	\$ 3,059.11
* 02/02/24-03/15/24	UBS BANK USA DEPOSIT ACCOUNT ENTRY AS OF 02/02/24-03/15/24 INTEREST INCOME \$ 0.42 SECURITY/SYMBOL MMPFDI-919446		\$ 0.42
	UBS SELECT TREASURY INSTITUTIONAL FUND ENTRY AS OF 02/02/24-03/13/24 DIVIDEND INCOME \$ 204.97 SECURITY/SYMBOL SETXX		\$204.97
		G.T. Money Market Interest Received Total To Date:	\$ 3,264.50

Recap of All CD Interest Received

TOTAL INTEREST RECEIVED FOR FISCAL YEAR 2008-2009	\$19,619.98
TOTAL INTEREST RECEIVED FOR FISCAL YEAR 2009-2010	\$144,944.73
TOTAL INTEREST RECEIVED FOR FISCAL YEAR 2010-2011	\$96,652.58
TOTAL INTEREST RECEIVED FOR FISCAL YEAR 2011-2012	\$56,675.75
TOTAL INTEREST RECEIVED FOR FISCAL YEAR 2012-2013	\$51,793.98
TOTAL INTEREST RECEIVED FOR FISCAL YEAR 2013-2014	\$73,466.67
TOTAL INTEREST RECEIVED FOR FISCAL YEAR 2014-2015	\$86,491.81
TOTAL INTEREST RECEIVED FOR FISCAL YEAR 2015-2016	\$101,469.27
TOTAL INTEREST RECEIVED FOR FISCAL YEAR 2016-2017	\$123,833.68
TOTAL INTEREST RECEIVED FOR FISCAL YEAR 2017-2018	\$151,379.14
TOTAL INTEREST RECEIVED FOR FISCAL YEAR 2018-2019	\$201,846.40
TOTAL INTEREST RECEIVED FOR FISCAL YEAR 2019-2020	\$233,862.14
TOTAL INTEREST RECEIVED FOR FISCAL YEAR 2020-2021	\$148,118.57
TOTAL INTEREST RECEIVED FOR FISCAL YEAR 2021-2022	\$87,497.64
TOTAL INTEREST RECEIVED FOR FISCAL YEAR 2022-2023	\$139,596.40
TOTAL INTEREST RECEIVED FOR FISCAL YEAR 2023-2024 AT MARCH 31, 2024	\$202,227.98
GRAND TOTAL INTEREST RECEIVED FOR ALL FY'S TO DATE	\$1,919,476.72

TREAS RT ENDING MAR 31, 2024

San Gabriel Valley Municipal Water District

TREASURERS INVESTMENT REPORT
(Activity ending March 31, 2024)

Report Date March 31, 2024

Local Agency Investment Fund (LAIF)

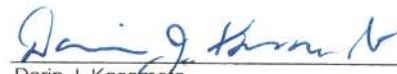
ACCT. NO.	INSTITUTION	PMIA AVERAGE	DAILY YIELD	
		MONTHLY 03/2024 EFFECTIVE YIELD	AT 03/31/24	BALANCE GEN. LEDGER
1009	LOCAL AGENCY INVESTMENT FUND - (GENERAL FUND)	4.232%	4.220%	
GRAND TOTAL LOCAL AGENCY INVESTMENT FUND (SEE REPORT ATTACHED)				\$10,864,952.86 \$10,864,953

SUMMARY

	BALANCES
Local Agency Investment Fund - General Fund	\$ 10,864,952.86
UBS Certificates of Deposit Summary Total	\$ 9,765,000.00
UBS Select Treasury Notes	\$ 240,000.00
UBS Certificates of Deposit Interest Fiscal Year 2023-2024 At Date March 31, 2024	\$ 202,227.98
UBS Bank USA Deposit Account/UBS Select Treasury Investor Fund	\$ 205.39
Money Balance Activities minus total dividend and interest income	\$ -
TOTAL INVESTMENTS	\$ 21,072,386.23
Cash Bank of America General Fund	\$2,557,840
Cash Bank of America Revolving Fund	\$137,248
Cash Bank of America SWP Fund Account	\$7,578,455
Petty Cash Fund	\$300
GRAND TOTAL INVESTMENTS AND CASH LESS RESTRICTED FUNDS	\$ 31,346,229.18

I certify that this report accurately reflects all pooled investments and is in compliance with California Government Code Sections 53601(i), 53601.1, 53635(i) and 53646 and is in conformity with the San Gabriel Valley Municipal Water District's investment policy as stated in Resolution 10-95-489, dated 10/23/95.

As Treasurer of San Gabriel Valley Municipal Water District, I hereby certify that sufficient liquidity and anticipated revenues are available to meet the next six month's estimated expenditures.


Darin J. Kasamoto
Deputy Treasurer

4/22/2024
Date

Type of Investment with title held in the name of San Gabriel Valley Municipal Water District:

CD'S	Certificates of Deposit
LAIF	Local Agency Investment Fund
MM	Money Market Account



PMIA/LAIF Performance Report as of 4/17/24



Quarterly Performance Quarter Ended 03/31/24

LAIF Apportionment Rate ⁽²⁾ :	4.30
LAIF Earnings Ratio ⁽²⁾ :	0.00011755619077389
LAIF Administrative Cost ^{(1)*} :	0.27
LAIF Fair Value Factor ⁽¹⁾ :	0.994191267
PMIA Daily ⁽¹⁾ :	4.22
PMIA Quarter to Date ⁽¹⁾ :	4.12
PMIA Average Life ⁽¹⁾ :	226

PMIA Average Monthly Effective Yields⁽¹⁾

March	4.232
February	4.122
January	4.012
December	3.929
November	3.843
October	3.670

Pooled Money Investment Account Monthly Portfolio Composition ⁽¹⁾ 3/31/24 \$156.5 billion

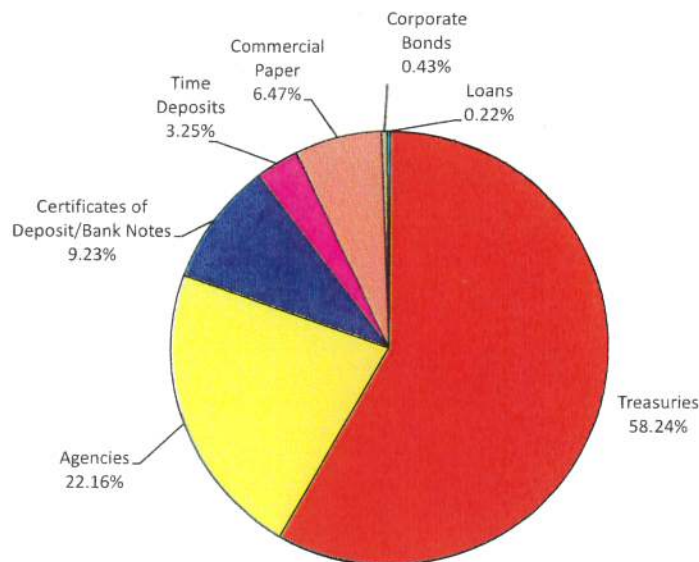


Chart does not include \$2,005,000.00 in mortgages, which equates to 0.001%. Percentages may not total 100% due to rounding.

Daily rates are now available here. [View PMIA Daily Rates](#)

Notes: The apportionment rate includes interest earned on the CalPERS Supplemental Pension Payment pursuant to Government Code 20825 (c)(1) and interest earned on the Wildfire Fund loan pursuant to Public Utility Code 3288 (a).

*The percentage of administrative cost equals the total administrative cost divided by the quarterly interest earnings. The law provides that administrative costs are not to exceed 5% of quarterly EARNINGS of the fund. However, if the 13-week Daily Treasury Bill Rate on the last day of the fiscal year is below 1%, then administrative costs shall not exceed 8% of quarterly EARNINGS of the fund for the subsequent fiscal year.

Source:

⁽¹⁾ State of California, Office of the Treasurer

⁽²⁾ State of California, Office of the Controller



California State Treasurer
Fiona Ma, CPA



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LOCAL AGENCY INVESTMENT FUND

PMIA Average Monthly Effective Yields

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1977	5.770	5.660	5.660	5.650	5.760	5.850	5.930	6.050	6.090	6.090	6.610	6.730
1978	6.920	7.050	7.140	7.270	7.386	7.569	7.652	7.821	7.871	8.110	8.286	8.769
1979	8.777	8.904	8.820	9.082	9.046	9.224	9.202	9.528	9.259	9.814	10.223	10.218
1980	10.980	11.251	11.490	11.480	12.017	11.798	10.206	9.870	9.945	10.056	10.426	10.961
1981	10.987	11.686	11.130	11.475	12.179	11.442	12.346	12.844	12.059	12.397	11.887	11.484
1982	11.683	12.044	11.835	11.773	12.270	11.994	12.235	11.909	11.151	11.111	10.704	10.401
1983	10.251	9.887	9.688	9.868	9.527	9.600	9.879	10.076	10.202	10.182	10.164	10.227
1984	10.312	10.280	10.382	10.594	10.843	11.119	11.355	11.557	11.597	11.681	11.474	11.024
1985	10.579	10.289	10.118	10.025	10.180	9.743	9.656	9.417	9.572	9.482	9.488	9.371
1986	9.252	9.090	8.958	8.621	8.369	8.225	8.141	7.844	7.512	7.586	7.432	7.439
1987	7.365	7.157	7.205	7.044	7.294	7.289	7.464	7.562	7.712	7.825	8.121	8.071
1988	8.078	8.050	7.945	7.940	7.815	7.929	8.089	8.245	8.341	8.397	8.467	8.563
1989	8.698	8.770	8.870	8.992	9.227	9.204	9.056	8.833	8.801	8.771	8.685	8.645
1990	8.571	8.538	8.506	8.497	8.531	8.538	8.517	8.382	8.333	8.321	8.269	8.279
1991	8.164	8.002	7.775	7.666	7.374	7.169	7.098	7.072	6.859	6.719	6.591	6.318
1992	6.122	5.863	5.680	5.692	5.379	5.323	5.235	4.958	4.760	4.730	4.659	4.647
1993	4.678	4.649	4.624	4.605	4.427	4.554	4.438	4.472	4.430	4.380	4.365	4.384
1994	4.359	4.176	4.248	4.333	4.434	4.623	4.823	4.989	5.106	5.243	5.380	5.528
1995	5.612	5.779	5.934	5.960	6.008	5.997	5.972	5.910	5.832	5.784	5.805	5.748
1996	5.698	5.643	5.557	5.538	5.502	5.548	5.587	5.566	5.601	5.601	5.599	5.574
1997	5.583	5.575	5.580	5.612	5.634	5.667	5.679	5.690	5.707	5.705	5.715	5.744
1998	5.742	5.720	5.680	5.672	5.673	5.671	5.652	5.652	5.639	5.557	5.492	5.374
1999	5.265	5.210	5.136	5.119	5.086	5.095	5.178	5.225	5.274	5.391	5.484	5.639
2000	5.760	5.824	5.851	6.014	6.190	6.349	6.443	6.505	6.502	6.517	6.538	6.535
2001	6.372	6.169	5.976	5.760	5.328	4.958	4.635	4.502	4.288	3.785	3.526	3.261
2002	3.068	2.967	2.861	2.845	2.740	2.687	2.714	2.594	2.604	2.487	2.301	2.201
2003	2.103	1.945	1.904	1.858	1.769	1.697	1.653	1.632	1.635	1.596	1.572	1.545
2004	1.528	1.440	1.474	1.445	1.426	1.469	1.604	1.672	1.771	1.890	2.003	2.134
2005	2.264	2.368	2.542	2.724	2.856	2.967	3.083	3.179	3.324	3.458	3.636	3.808
2006	3.955	4.043	4.142	4.305	4.563	4.700	4.849	4.946	5.023	5.098	5.125	5.129
2007	5.156	5.181	5.214	5.222	5.248	5.250	5.255	5.253	5.231	5.137	4.962	4.801
2008	4.620	4.161	3.777	3.400	3.072	2.894	2.787	2.779	2.774	2.709	2.568	2.353
2009	2.046	1.869	1.822	1.607	1.530	1.377	1.035	0.925	0.750	0.646	0.611	0.569
2010	0.558	0.577	0.547	0.588	0.560	0.528	0.531	0.513	0.500	0.480	0.454	0.462
2011	0.538	0.512	0.500	0.588	0.413	0.448	0.381	0.408	0.378	0.385	0.401	0.382
2012	0.385	0.389	0.383	0.367	0.363	0.358	0.363	0.377	0.348	0.340	0.324	0.326
2013	0.300	0.286	0.285	0.264	0.245	0.244	0.267	0.271	0.257	0.266	0.263	0.264
2014	0.244	0.236	0.236	0.233	0.228	0.228	0.244	0.260	0.246	0.261	0.261	0.267
2015	0.262	0.266	0.278	0.283	0.290	0.299	0.320	0.330	0.337	0.357	0.374	0.400
2016	0.446	0.467	0.506	0.525	0.552	0.576	0.588	0.614	0.634	0.654	0.678	0.719
2017	0.751	0.777	0.821	0.884	0.925	0.978	1.051	1.084	1.111	1.143	1.172	1.239
2018	1.350	1.412	1.524	1.661	1.755	1.854	1.944	1.998	2.063	2.144	2.208	2.291
2019	2.355	2.392	2.436	2.445	2.449	2.428	2.379	2.341	2.280	2.190	2.103	2.043
2020	1.967	1.912	1.787	1.648	1.363	1.217	0.920	0.784	0.685	0.620	0.576	0.540

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2021	0.458	0.407	0.357	0.339	0.315	0.262	0.221	0.221	0.206	0.203	0.203	0.212
2022	0.234	0.278	0.365	0.523	0.684	0.861	1.090	1.276	1.513	1.772	2.007	2.173
2023	2.425	2.624	2.831	2.870	2.993	3.167	3.305*	3.434	3.534	3.670	3.843	3.929
2024	4.012	4.122	4.232									

* Revised



State of California

Pooled Money Investment Account

Market Valuation

3/31/2024

Description	Carrying Cost Plus Accrued Interest Purch.	Amortized Cost	Fair Value	Accrued Interest
United States Treasury:				
Bills	\$ 29,016,845,381.94	\$ 29,371,836,247.06	\$ 29,367,095,500.00	NA
Notes	\$ 62,110,996,962.28	\$ 62,104,127,889.83	\$ 61,362,065,500.00	\$ 369,303,999.50
Federal Agency:				
SBA	\$ 261,355,671.12	\$ 261,355,671.12	\$ 260,406,267.21	\$ 1,266,206.33
MBS-REMICs	\$ 2,005,373.23	\$ 2,005,373.23	\$ 1,960,327.91	\$ 8,754.66
Debentures	\$ 7,783,430,186.00	\$ 7,782,764,811.01	\$ 7,697,999,950.00	\$ 46,603,305.45
Debentures FR	\$ -	\$ -	\$ -	\$ -
Debentures CL	\$ 800,000,000.00	\$ 800,000,000.00	\$ 788,678,500.00	\$ 7,575,278.00
Discount Notes	\$ 23,090,969,201.38	\$ 23,348,321,402.73	\$ 23,332,896,000.00	NA
Supranational Debentures	\$ 2,719,839,134.05	\$ 2,719,839,134.05	\$ 2,685,816,600.00	\$ 13,363,501.50
Supranational Debentures FR	\$ -	\$ -	\$ -	\$ -
CDs and YCDs FR	\$ -	\$ -	\$ -	\$ -
Bank Notes	\$ -		\$ -	\$ -
CDs and YCDs	\$ 14,450,000,000.00	\$ 14,450,000,000.00	\$ 14,449,006,916.17	\$ 207,463,250.04
Commercial Paper	\$ 10,127,921,458.38	\$ 10,230,717,347.37	\$ 10,227,601,597.30	NA
Corporate:				
Bonds FR	\$ -	\$ -	\$ -	\$ -
Bonds	\$ 670,418,926.95	\$ 670,265,926.95	\$ 654,690,660.00	\$ 6,109,777.60
Repurchase Agreements	\$ -	\$ -	\$ -	\$ -
Reverse Repurchase	\$ -	\$ -	\$ -	\$ -
Time Deposits	\$ 5,089,000,000.00	\$ 5,089,000,000.00	\$ 5,089,000,000.00	NA
PMIA & GF Loans	\$ 349,660,000.00	\$ 349,660,000.00	\$ 349,660,000.00	NA
TOTAL	\$ 156,472,442,295.33	\$ 157,179,893,803.35	\$ 156,266,877,818.59	\$ 651,694,073.08

Fair Value Including Accrued Interest

\$ 156,918,571,891.67

Repurchase Agreements, Time Deposits, PMIA & General Fund loans, and Reverse Repurchase agreements are carried at portfolio book value (carrying cost).

The value of each participating dollar equals the fair value divided by the amortized cost (0.994191267). As an example: if an agency has an account balance of \$20,000,000.00, then the agency would report its participation in the LAIF valued at \$19,883,825.35 or \$20,000,000.00 x 0.994191267.

SAN GABRIEL MUNICIPAL WATER DISTRICT

REVOLVING FUND RECAP

April 18, 2024

Check No.	Date	Description	Amount
12490-12493	04/18/24	Payroll Expense	\$ 31,555.03
EFT	04/18/24	Payroll Expense - PERS	\$ 9,651.25
Wires	04/18/24	Federal & State Payroll Taxes	\$ 20,792.03
EFT	04/18/24	State Compensation Insurance	\$ 1,309.29
<i>April 18, 2024 GRAND TOTAL DISBURSEMENTS.....</i>			<u><u>\$ 63,307.60</u></u>

REVOLVING FUND RECAP

May 02, 2024

Check No.	Date	Description	Amount
12494-12497	05/02/24	Payroll Expense	\$ 31,680.76
EFT	05/02/24	Payroll Expense - PERS	\$ 9,651.25
Wires	05/02/24	Federal & State Payroll Taxes	\$ 20,955.89
12498	05/02/24	Verizon Wireless	\$ 416.58
12499	05/02/24	Frontier	\$ 128.79
<i>May 02, 2024 GRAND TOTAL DISBURSEMENTS.....</i>			<u><u>\$ 62,833.27</u></u>

REVOLVING FUND RECAP

May 13, 2024

Check No.	Date	Description	Amount
12500	05/13/24	Bruce H. Knoles	\$1,187.50
12501	05/13/24	Mark R Paulson	\$1,277.50
12502	05/13/24	Michael F Eng	\$1,095.00
12503	05/13/24	Miles L Prince	\$1,277.50
Wires	05/13/24	Federal & State Payroll Taxes	\$1,062.00
<i>May 13, 2024 GRAND TOTAL DISBURSEMENTS.....</i>			<u><u>\$ 5,899.50</u></u>

12:06 PM

05/09/24

Accrual Basis

San Gabriel Valley Municipal Water District
Transactions by Account
As of April 30, 2024

Type	Date	Num	Name	Amount
1001 - General Fund Bank of America				
Bill Pmt -Check	04/09/2024	EFT	BeniComp (Corp)	-991.23
Bill Pmt -Check	04/22/2024	EFT	ExxonMobil	-2,270.12
Bill Pmt -Check	04/12/2024	EFT	BeniComp (Corp)	-768.30
Bill Pmt -Check	04/19/2024	EFT	BeniComp (Corp)	-4.40
Bill Pmt -Check	04/29/2024	EFT	BeniComp (Corp)	-16.13
Bill Pmt -Check	04/24/2024	EFT	BeniComp (Corp)	-180.32
Bill Pmt -Check	04/25/2024	EFT	BeniComp (Corp)	-2,127.99
Bill Pmt -Check	04/22/2024	44398	Alliance Communication Servic...	-130.00
Bill Pmt -Check	04/22/2024	44399	Cash Revolving Fund	-70,000.00
Bill Pmt -Check	04/22/2024	44400	Catalyst San Gabriel Valley	-57,816.93
Bill Pmt -Check	04/22/2024	44401	Chameleon Beverage Compan...	-1,818.30
Bill Pmt -Check	04/22/2024	44402	D.H. Maintenance Services	-210.00
Bill Pmt -Check	04/22/2024	44403	Douglas Environmental Group, ...	-2,750.00
Bill Pmt -Check	04/22/2024	44404	EcoTech Services, Inc	-7,983.00
Bill Pmt -Check	04/22/2024	44405	Frontier	-740.99
Bill Pmt -Check	04/22/2024	44406	Grainger (Corp)	-616.97
Bill Pmt -Check	04/22/2024	44407	Hazen and Sawyer	-9,530.46
Bill Pmt -Check	04/22/2024	44408	Lagerlof, LLP (Atty)	-2,250.00
Bill Pmt -Check	04/22/2024	44409	Public Water Agencies Group (...)	-2,143.23
Bill Pmt -Check	04/22/2024	44410	SCE	-638.93
Bill Pmt -Check	04/22/2024	44411	Southwest Valve & Equipment	-4,082.53
Bill Pmt -Check	04/22/2024	44412	Sparkletts	-88.93
Bill Pmt -Check	04/22/2024	44413	Spectrum Enterprise	-239.98
Bill Pmt -Check	04/22/2024	44414	Stetson Engineers, Inc.	-1,380.50
Bill Pmt -Check	04/22/2024	44415	Verizon Wireless (M2M)	-848.57
Total 1001 - General Fund Bank of America				-169,627.81
TOTAL				-169,627.81

12:06 PM

05/09/24

Accrual Basis

San Gabriel Valley Municipal Water District
Transactions by Account
As of May 13, 2024

Type	Date	Num	Name	Amount
1001 - General Fund Bank of America				
Bill Pmt -Check	05/01/2024	EFT	BeniComp (Corp)	-65.03
Bill Pmt -Check	05/13/2024	EFT	ExxonMobil	-2,051.41
Bill Pmt -Check	05/13/2024	44416	ACWA JPIA Medical/Life	-32,009.44
Bill Pmt -Check	05/13/2024	44417	Adela Wells	-85.00
Bill Pmt -Check	05/13/2024	44418	Alhambra Chamber Commerce	-700.00
Bill Pmt -Check	05/13/2024	44419	Andrew T Atkins	-40.00
Bill Pmt -Check	05/13/2024	44420	Athens (Corporation)	-408.04
Bill Pmt -Check	05/13/2024	44421	ATT	-276.84
Bill Pmt -Check	05/13/2024	44422	Azusa Light & Water	-963.44
Bill Pmt -Check	05/13/2024	44423	BOA-Visa	-4,343.80
Bill Pmt -Check	05/13/2024	44424	Bruce H Knoles (Expense)	-78.94
Bill Pmt -Check	05/13/2024	44425	California Advocates, Inc. (Corp)	-8,000.00
Bill Pmt -Check	05/13/2024	44426	California Underground Facilities	-78.08
Bill Pmt -Check	05/13/2024	44427	Canyon City Printng, Inc (Corp)	-3,427.88
Bill Pmt -Check	05/13/2024	44428	Carly Nguyen	-70.00
Bill Pmt -Check	05/13/2024	44429	Cash Revolving Fund	-70,000.00
Bill Pmt -Check	05/13/2024	44430	CAT Specialities, Inc.	-893.03
Bill Pmt -Check	05/13/2024	44431	Cell Business Equipment	-353.24
Bill Pmt -Check	05/13/2024	44432	Cintas	-894.91
Bill Pmt -Check	05/13/2024	44433	City of Monterey Park2	-50,000.00
Bill Pmt -Check	05/13/2024	44434	Civic Publications (Corp)	-4,987.00
Bill Pmt -Check	05/13/2024	44435	Civiltec Inc (Corp)	-26,902.61
Bill Pmt -Check	05/13/2024	44436	Cummins Cal Pacific LLC	-434.24
Bill Pmt -Check	05/13/2024	44437	D.H. Maintenance Services	-210.00
Bill Pmt -Check	05/13/2024	44438	DePinto Morales Communicati...	-5,291.60
Bill Pmt -Check	05/13/2024	44439	DigAlert (Corporation)	-155.25
Bill Pmt -Check	05/13/2024	44440	DWR	-259,660.00
Bill Pmt -Check	05/13/2024	44441	Evelyn Reyes	-99.35
Bill Pmt -Check	05/13/2024	44442	Freeth/Moroz, Inc	-300.00
Bill Pmt -Check	05/13/2024	44443	Frontier	-128.79
Bill Pmt -Check	05/13/2024	44444	Grainger (Corp)	-300.65
Bill Pmt -Check	05/13/2024	44445	Greater Monterey Park Chamb...	-500.00
Bill Pmt -Check	05/13/2024	44446	Lagerlof, LLP (Atty)	-1,650.00
Bill Pmt -Check	05/13/2024	44447	LOWES	-11.62
Bill Pmt -Check	05/13/2024	44448	Maria Jarmin	-274.87
Bill Pmt -Check	05/13/2024	44449	Mark Paulson (Expense)	-45.56
Bill Pmt -Check	05/13/2024	44450	Meier Enterprises Inc	-1,601.25
Bill Pmt -Check	05/13/2024	44451	Michael F Eng (Expense)	-40.87
Bill Pmt -Check	05/13/2024	44452	Miles L Prince (Expense)	-155.00
Bill Pmt -Check	05/13/2024	44453	Mission ACE Hardware (Corp)	-75.42
Bill Pmt -Check	05/13/2024	44454	Nelson Niegas	-35.00
Bill Pmt -Check	05/13/2024	44455	Petty Cash	-105.79
Bill Pmt -Check	05/13/2024	44456	Public Water Agencies Group (...)	-1,268.23
Bill Pmt -Check	05/13/2024	44457	Quality Craft Floorcoverings, Inc	-13,249.00
Bill Pmt -Check	05/13/2024	44458	Ryushi Saisho	-85.00
Bill Pmt -Check	05/13/2024	44459	San Gabriel Valley Protective A...	-8,258.40
Bill Pmt -Check	05/13/2024	44460	SCE	-518.52
Bill Pmt -Check	05/13/2024	44461	Securitas Technology Corporati...	-709.02
Bill Pmt -Check	05/13/2024	44462	Stetson Engineers, Inc.	-5,673.05
Bill Pmt -Check	05/13/2024	44463	T.E. Roberts, Inc.	-403,163.28
Bill Pmt -Check	05/13/2024	44464	The Gas Company	-51.01
Bill Pmt -Check	05/13/2024	44465	Tin Tse	-70.00
Bill Pmt -Check	05/13/2024	44466	US Postmaster	-136.00
Bill Pmt -Check	05/13/2024	44467	Verizon Business Services	-589.67
Bill Pmt -Check	05/13/2024	44468	Western Pest Control Specialis...	-294.00
Bill Pmt -Check	05/13/2024	44469	Willy Lam	-85.00
Total 1001 - General Fund Bank of America				-911,854.13
TOTAL				-911,854.13

SAN GABRIEL MUNICIPAL WATER DISTRICT

SWP FUND RECAP

April 22, 2024

Check No.	Date	Description	Amount
1005	04/22/24	DWR	\$ 596,481.00
April 22, 2024 GRAND TOTAL DISBURSEMENTS.....			<u>\$ 596,481.00</u>

VISA Recap
March 21, 2024 - April 20, 2024

[illegible]

AGENDA ACTION ITEM NO. 1

PURE WATER WHITE PAPER – STETSON ENGINEERS

RECOMMENDED ACTION: Information only, no action required.

BACKGROUND: Stetson Engineers will present the Draft White Paper of the District's potential participation with MWD for the Pure Water Project.



Style Definition: TOC 1

SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT
WHITE PAPER
DCAP / PURE WATER PROJECT

DRAFT

~~MARCH~~ APRIL 2024



Prepared by:

Stetson Engineers Inc.

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July 2020 "Letter of Intent" (Metropolitan Water District of Southern California, Upper San Gabriel Valley Municipal Water District, Three Valleys Municipal Water District, and the Main San Gabriel Basin Watermaster)

APPENDIX B

June 2022 "Letter of Intent" (Metropolitan Water District of Southern California, San Gabriel Valley Municipal Water District, and the Main San Gabriel Basin Watermaster)

APPENDIX C

September 2006 "Long-Term Power Purchase Agreement" (San Gabriel Valley Municipal Water District and the City of Azusa)

APPENDIX D

December 2021 "First Amendment to Long-Term Power Purchase Agreement" (San Gabriel Valley Municipal Water District and the City of Azusa)

APPENDIX E

Devil Canyon – Azusa Pipeline Operations and Maintenance Expenses

APPENDIX F

August 1972 "Agreement for the Joint - Utilization of Water Facilities (San Gabriel Valley Municipal Water District and San Bernardino Valley Municipal Water District).

APPENDIX G

August 10, 2020 "Amendment to 2020 Water Banking Agreement (San Gabriel Valley Municipal Water District and Dudley Ridge Water District)

APPENDIX H

Devil Canyon – Azusa Pipeline Inventory, Remaining Service Life, and Current Valuation

1.0 INTRODUCTION

San Gabriel Valley Municipal Water District (SGVMWD) owns and operates the Devil Canyon-Azusa Pipeline (DCAP) primarily to deliver untreated imported State Water Project (SWP) water to the Main San Gabriel Basin (Main Basin) for groundwater replenishment. The DCAP consists of 38 miles of pipeline extending from the City of San Bernardino to the City of Azusa. The DCAP has been in operation since mid-1974. The location of the DCAP is shown in Figure 1.

Metropolitan Water District of Southern California (MWD) is currently developing the Pure Water Southern California Project (Pure Water Project) to provide up to 150 million gallons per day (MGD) of full advanced treated (FAT) recycled water from Los Angeles County Sanitation District's (LACSD's) Joint Water Pollution Control Plant (Carson Plant) in the City of Carson. The Pure Water Project would deliver purified water through approximately 60 miles of transmission pipelines to groundwater basins within MWD's service area, including the Main San Gabriel Basin (at the Santa Fe Spreading Grounds and/or the San Gabriel Canyon Spreading Grounds¹). These deliveries would provide a new Supplemental Water supply in the Main Basin and reduce the need for imported water (including imported water purchased by SGVMWD and delivered through the DCAP). The locations of the Carson Plant, proposed Pure Water Project pipelines, Santa Fe Spreading Grounds, and the San Gabriel Canyon Spreading Grounds are also shown in Figure 1.

MWD is considering the potential use (through lease or purchase) of SGVMWD's DCAP as part of the delivery infrastructure for the Pure Water Project to convey FAT water outside of the Main San Gabriel Basin. As a result, this "White Paper" has been prepared to review benefits and constraints associated with MWD's potential use of the DCAP.

¹ Prior to 2022, MWD's reports and presentations previously indicated the "backbone pipeline" of the Pure Water Project would reach the Santa Fe Spreading Grounds. Beginning in September 2022, MWD's reports and presentation have indicated the "backbone pipeline" would extend beyond the Santa Fe Spreading Grounds to the San Gabriel Canyon Spreading Grounds

2.0 BACKGROUND

2.1 SGVMWD

SGVMWD was formed in 1959 to meet the supplemental water needs of its member agencies (i.e. the Cities of Alhambra, Azusa, Monterey Park and Sierra Madre) located within the San Gabriel Valley. The Cities of Alhambra, Azusa, and Monterey Park produce water from the Main Basin, and the City of Sierra Madre produces water from the Raymond Basin but is also a Party to the Main Basin Judgment.

SGVMWD is an SWP contractor and is able to purchase imported water supplies from the SWP. SGVMWD has historically delivered untreated imported water to replace groundwater produced in excess of its member agencies' water rights in the Main Basin. SGVMWD's imported water obligations in the Main Basin, some of which are delivered through the DCAP, currently include the following:

- Replacement water (i.e. overproduction), including cyclic storage deliveries²
- Water Resource Development Assessment (RDA) Program³
- Cooperative Water Exchange Agreement (CWEA)⁴
- Sierra Madre Agreement with MWD⁵

The DCAP can also be used for other purposes including power generation (during water deliveries) and direct deliveries to Covina Irrigating Company (CIC), Azusa Light and

² Producers are allowed to deliver supplemental water into their respective cyclic storage accounts as a pre-delivery of replacement water.

³ The Main San Gabriel Watermaster uses RDA funds to purchase untreated imported water to replenish the Main Basin for the "general benefit" of all Producers within the Main Basin.

⁴ SGVMWD delivers to the Main Basin a quantity of water equal to 37.4% of the total USG-5 deliveries made to the City of Alhambra.

⁵ In order for MWD to deliver water to Sierra Madre, SGVMWD would deliver 5,000 acre-feet per year into its Cyclic Storage and transfer to MWD's Cyclic Storage.

Water (ALW), and San Bernardino Valley Municipal Water District (SBVMWD). These other uses are described further in Section 4.

In addition to imported SWP water delivered through the DCAP, SGVMWD's member agencies are also able to receive water from MWD through the following:

- The City of Alhambra receives direct delivery of treated water from MWD through USG-5 in exchange for reducing groundwater from the western portion of the Main Basin associated with drawdown concerns (as part of the CWEA). The capacity of USG-5 is 7.5 cubic feet per second (cfs).
- Azusa Light & Water (ALW), which serves the City of Azusa, can receive treated water from MWD through USG-8 (with a capacity of 7.5 cfs). This connection has not been used since 2007.
- The City of Monterey Park owns an emergency interconnection with MWD with a capacity of 15.6 cfs.
- The City of Sierra Madre can purchase treated, imported water from SGVMWD through MWD. SGVMWD coordinated with MWD to construct an emergency connection in 2012 which currently delivers water to the Sierra Madre Spreading Grounds for groundwater replenishment purposes in the Raymond Basin. The capacity of the connection is approximately 2,500 gallons per minute (gpm)

2.2 DCAP

SGVMWD owns and operates the DCAP primarily to deliver untreated imported SWP water to the Main Basin for groundwater replenishment. The DCAP extends from the Devil Canyon Power Plant Afterbay (located at the foot of the San Bernardino Mountains in the City of San Bernardino) to the San Gabriel River and San Gabriel Canyon Spreading Grounds (located in the City of Azusa). The capacity of the DCAP ranges from approximately 55 cfs to 110 cfs.

The DCAP consists of approximately 38 miles of pipeline (constructed in six sections designated as "Schedules") and includes the following facilities:

- Azusa Canyon Flow Control Facility (Schedule I)
- San Gabriel Flow Control Structure (Schedule I)
- Big Dalton Pressure Reducing Station and Turnout (Schedules I and II)
- San Dimas Turnout (Schedule II)
- San Dimas Hydroelectric Plant (Schedule II)
- Emerald Pressure Reducing Station (Schedules II and III)
- Cucamonga Valve Structure (Schedules III and IV)
- Etiwanda Pressure Reducing Station (Schedules IV and V)
- Riverside Valve Structure (Schedules V and VI) 110 cfs
- Riverside Meter Structure (Schedules V and VI) 110 cfs
- Lytle Creek Turnout (Schedule VI) 110 cfs
- Devil Canyon Metering Facility (Schedule VI) 110 cfs

The pipelines in Schedule I through Schedule V range from 30-inches to 42-inches in diameter. The pipelines in Schedule VI are 54-inches in diameter. The locations of the DCAP (including Schedules) and associated facilities are provided in Figure 2.

The DCAP has been in operation since 1972 (and is over 50 years). SBVMWD has 50 percent utilization rights (55 cfs of the 110 cfs capacity of the DCAP) of Schedule VI (or the section of pipe from the Devil Canyon Metering Facility to the Riverside Valve Structure, where SBVMWD has a lateral pipeline). However, the ownership of the pipeline, easements and rights of way in Schedule VI is solely SGVMWD's. The DCAP has turnouts to deliver water to the San Dimas Wash, Big Dalton Wash, the San Gabriel River, San Gabriel Canyon Spreading Grounds, and the Live Oak Spreading Grounds. SGVMWD can deliver water to these turnouts on behalf of its member agencies, Upper San Gabriel Valley Municipal Water District (USGVMWD) and Three Valleys Municipal

Water District (TVMWD). Deliveries to the Live Oak Spreading Grounds are on behalf of TVMWD only. In addition, CIC and ALW have constructed separate connections to the DCAP.

2.3 HISTORICAL AND PROJECT SWP DELIVERIES

SGVMWD has a maximum entitlement (or "Table A Entitlement" amount) of up to 28,800 acre-feet per year (AFY) of SWP water. The California Department of Water Resources (DWR) establishes annual Table A allocations (or a percentage of the maximum Table A Entitlement amount) that will be available for each year, as well as through the course of the year depending on hydrological and water supply conditions. On April 20, 2023, DWR set the Table A allocation at 100 percent. Over the past 10 years (from 2014 through 2023), the Table A allocation has averaged 40 percent. The most recent year that DWR set the Table A allocation at 100 percent was in 2006. However, DWR has set the Table A allocation as low as 5 percent in 2014, 2021, and 2022. For management purposes, SGVMWD has used a "reliability" of 50 to 60 percent allocation of the Table A Entitlement.

As noted above, SGVMWD can deliver untreated imported SWP water to meet obligations in the Main Basin (including replacement water, the RDA, and the CWEA). In addition, the City of Sierra Madre can purchase treated, imported water from SGVMWD through MWD. SGVMWD coordinated with MWD to construct an emergency connection in 2012 which currently delivers water to the Sierra Madre Spreading Grounds for groundwater replenishment purposes in the Raymond Basin. It was agreed SGVMWD would provide MWD with 5,000 AFY of SWP Table A water in exchange for MWD delivering treated imported water to the Sierra Madre Spreading Grounds to help the City of Sierra Madre's wells. These obligations are collectively referred to herein as "total Supplemental Water obligations". As shown in Table 1 (from SGVMWD), it is estimated that SGVMWD's total Supplemental Water obligations (and delivered through the DCAP with the exception of the CWEA) will average approximately 12,000 AFY over the next 10 years (from Fiscal Year (FY) 2023-24 through FY 2032-33).

Although the Main Basin benefited from wet conditions during the winter of 2022-23, SGVMWD's total projected Supplemental Water obligations (12,000 AFY) are greater than the average Table A allocations of approximately 40 percent (or approximately 11,520 AFY) over the past 10 years. A potential significant water supply deficit would occur by the end of the next 10 years based on continued average allocations. In addition, during extended drought periods and times when SWP allocations are low and unstable (which have also been recently experienced), SGVMWD may also not have sufficient quantities of imported water to meet projected supplemental water obligations in the Main Basin and exchange SWP Table A water to MWD. MWD's Pure Water Project could provide increased water supply for SGVMWD to meet its Supplemental Water obligations (discussed in Section 3 below).

3.0 PURE WATER PROJECT

MWD is currently developing the Pure Water Project to provide up to 150 MGD (approximately 168,000 AFY) of full advanced treated (FAT) recycled water from LACSD's Carson Plant⁶. The Pure Water Project would deliver purified water from the Carson Plant through up to 60 miles of transmission pipelines to groundwater basins within MWD's service area, including the Main Basin (Santa Fe Spreading Grounds and/or the San Gabriel Canyon Spreading Grounds). Pure Water Project water would be used in various locations within MWD's service area for groundwater recharge, groundwater storage, and industrial facilities. In addition, purified water could potentially be treated further at existing water treatment plants for direct potable reuse. The locations of the proposed pipeline alignments and delivery points are provided Figure 1.

3.1 GROUNDWATER REPLENISHMENT

As discussed in Section 2.3, SGVMWD's total Supplemental Water obligations delivered through the DCAP have been slightly greater than average Table A allocations of SWP water, potentially resulting in a significant water supply deficit over the next ten years based on continued average allocations. In addition, during extended drought periods and times when SWP allocations are low and unstable (including long-term 40 percent SWP Table A allocations or less, which have been recently experienced), SGVMWD may not have sufficient quantities of imported water to meet its projected Supplemental Water obligations. To ensure additional consistency and reliability of SGVMWD deliveries of replacement water, SGVMWD has expressed interest in purchasing and receiving Pure Water Project water supplied by MWD.

MWD's Pure Water Project currently includes the construction of a pipeline which will deliver water from the Carson Plant to both the Central Basin (where it will replenish the

⁶ <https://www.mwdh2o.com/building-local-supplies/pure-water-southern-california/>

basin via groundwater injection wells) and the Main Basin (at the Santa Fe Spreading Grounds, the San Gabriel Canyon Spreading Grounds, and/or other facilities). The proposed pipeline alignment is provided in Figure 1.

In July 2020, MWD signed a "Letter of Intent" with USGVMWD and TVMWD. The Letter of Intent (Appendix A) allows for the following Pure Water Project water purchases/deliveries:

- Long-term minimum purchase of at least 35,000 AFY by USGVMWD
- Long-term minimum purchase of at least 6,500 AFY by TVMWD
- Maximum deliveries of up to 60,000 to 80,000 AFY, collectively.

In June 2022, MWD signed a similar "Letter of Intent" with SGVMWD. The Letter of Intent (Appendix B) allows for the following Pure Water Project water purchases/deliveries:

- Long-term minimum purchase of at least 6,000 AFY by SGVMWD
- Maximum total deliveries of up to 60,000 to 80,000 AFY collectively into the Main Basin (including deliveries to SGVMWD, USGVMWD, and TVMWD)

Pursuant to an August 2022 presentation provided by MWD, the Pure Water Project could potentially deliver at least 65,000 AFY to the Main Basin beginning in 2032. These deliveries could be used as a source of replacement water, help restore water levels in the Main Basin, and reduce the need for imported water.

3.2 DIRECT POTABLE REUSE

In addition to deliveries for groundwater recharge, the Pure Water Project can be delivered to existing water treatment plants for direct potable reuse (or DPR). MWD has previously identified the following treatment plants which could potentially be used to further treat Pure Water Project water for direct potable reuse:

- MWD's Weymouth Plant
(Located in the City of La Verne approximately 0.6 miles south of the DCAP)
- TVMWD's Miramar Plant
(Located in the City of Claremont approximately 0.5 miles north of the DCAP)
- Water Facility Authority's (WFA) Agua de Lejos Plant
(Located in the City of Upland approximately 0.3 miles north of the DCAP)

The locations of these treatment plants are shown in Figure 1.

In order for MWD to deliver Pure Water Project water to these treatment plant locations, MWD will need to construct new pipelines and/or utilize existing pipelines. As discussed above, MWD plans to construct a pipeline which will deliver water from the Carson Plant to the Santa Fe Spreading Grounds and/or the San Gabriel Canyon Spreading Grounds (which is the current terminus of the DCAP). MWD is considering the use of SGVMWD's DCAP pipeline to help further deliver Pure Water Project water a portion of the way from the San Gabriel Canyon Spreading Grounds to the Weymouth, Miramar, and/or Agua de Lejos Plants for further treatment. In addition, MWD is considering the use of existing MWD pipeline(s) to deliver water south from the Weymouth Plant to MWD's Diemer Plant (in the City of Yorba Linda) and/or the Orange County Spreading Grounds. The location of the MWD's existing pipeline(s) is provided in Figure 1. A further discussion of MWD's use of the DCAP and potential impacts to SGVMWD is provided in Section 4.

4.0 POTENTIAL IMPACTS TO SGVMWD

MWD is exploring the potential use (e.g. through lease or purchase) of SGVMWD's DCAP as part of the delivery infrastructure for the Pure Water Project. MWD could potentially use SGVMWD's DCAP to deliver Pure Water Project water supplies from the current terminus of the DCAP (located at the San Gabriel Canyon Spreading Grounds) to the Weymouth, Miramar, and/or Agua de Lejos Plants. A discussion regarding the potential impacts to SGVMWD (and others) based on MWD's use of the DCAP is provided below.

It should be noted that MWD has previously indicated to SGVMWD that the DCAP would likely provide only about 50 percent of the needed capacity for MWD to deliver Pure Water Project water to the Weymouth Plant. If MWD needs additional capacity to deliver Pure Water Project water to the Weymouth Plant, MWD would still need to construct an additional pipeline. If MWD constructs a new pipeline (including a potentially full capacity pipeline), MWD's use of the DCAP may only be temporary.

SWP Deliveries / Total Supplemental Water Obligations

MWD's use of the DCAP would affect SGVMWD's existing use of the DCAP in delivering SGVMWD's SWP water. Once the proposed Pure Water Project is completed, MWD would potentially use the DCAP throughout the year (essentially 24/7) to deliver Pure Water Project water supplies. This is because the LACSD Carson Plant operates 24/7 and the MWD Pure Water Project Plant will operate in conjunction with the Carson Plant. In addition, MWD would deliver the Pure Water Project water through the DCAP in a west to east direction (which is the opposite of the direction currently used by SGVMWD to deliver SWP water). As a result, if MWD uses the DCAP to deliver Pure Water Project water, it is likely SGVMWD will no longer be able to deliver SWP water through the DCAP to the San Gabriel River, Citrus Spreading Grounds, San Dimas Wash, and San Gabriel Canyon Spreading Grounds to meet its total Supplemental Water obligations. In addition,

SGVMWD may no longer be able to deliver SWP water on behalf of TVMWD (including to the Live Oak Spreading Grounds) and USGVMWD to any spreading grounds in the Main Basin. Table 2 shows historical annual deliveries over the last 15 years of SWP water for MWD (USGVMWD and TVMWD) through the DCAP, which averaged around 6,000 AFY.

As noted in Section 2.3, it is estimated that SGVMWD's total Supplemental Water obligations through the DCAP will average approximately 12,000 AFY (not including about 4,300 AFY of RDA II requests from the Main Basin Watermaster due to SGVMWD not being able to deliver the RDA II requests in recent years), over the next 10 years (from FY 2023-24 through FY 2032-33), as shown in Table 1. A discussion regarding alternatives for SGVMWD to meet total Supplemental Water obligations is provided in Section 5.

Power Generation

MWD's use of the DCAP would impact SGVMWD's ability to generate power at its San Dimas Hydroelectric Plant (constructed in 1985) located in the City of San Dimas. SGVMWD can generate power at the hydroelectric plant using SWP water delivered through the DCAP (in an east to west direction under gravity flow). However, the hydroelectric plant is currently not setup to receive water flowing through the DCAP in a west to east direction (which would be MWD's proposed use for the Pure Water Project) and SGVMWD would not be able to generate power using Pure Water Project water because Pure Water Project water would be pumped through the DCAP (i.e. the hydroelectric plant would potentially need to be shut down). In addition, MWD would need to boost Pure Water Project water at the San Gabriel Canyon Spreading Grounds to deliver water through the DCAP so there would not be any excess energy to generate power at the hydroelectric plant. The San Dimas Hydroelectric Plant would be a stranded asset.

SGVMWD and the City of Azusa previously entered into a "Long-term Power Purchase Agreement" in 2006 (Appendix C) in which the City of Azusa agreed to purchase and accept, and SGVMWD agreed to sell and deliver, renewable electric energy from the hydroelectric plant. Table 3 shows historical annual power generated and annual revenue collected by SGVMWD. Since 2006, SGVMWD has sold approximately \$936,000 or an average of approximately \$55,000 per year of electricity generated at its San Dimas Hydroelectric Plant. In December 2021, the agreement was amended for an additional 10 years with an additional (up to) 6 annual extensions effective September 25, 2022 (extended to September 25, 2032) as shown in Appendix D. The amended Power Purchase Agreement can mutually be terminated no later than 180 days prior to the end of the Term by written notice from SGVMWD and the City of Azusa. So this agreement may be terminated by SGVMWD and the City of Azusa. A discussion regarding options for SGVMWD to recover costs from the loss of the hydroelectric plant is provided in Section 5.

It should be noted the hydroelectric plant facilities are not "in-line" facilities and any SWP water used to generate electricity at this facility is discharged directly into the San Dimas Wash (via the onsite San Dimas Turnout) instead of continuing downstream in the DCAP to the San Gabriel Canyon Spreading Grounds. SWP water discharged at the San Dimas Turnout still replenishes the Main Basin at spreading grounds located along the San Dimas Wash. SGVMWD has historically operated the San Dimas Hydroelectric Plant between at least June 1 and October 1 each year (under the old Southern California Edison agreement) and on demand for Southern California Edison at any given time. However, in response to its member cities, the majority of SWP deliveries over the past 5 to 10 years by SGVMWD have not been through the San Dimas Hydroelectric Plant to the San Dimas Wash but have instead gone directly to the San Gabriel Canyon Spreading Grounds and/or the San Gabriel River in the vicinity of the current terminus of the DCAP. As shown in Table 3, SGVMWD has not generated any power at the hydroelectric plant over the past 3 years.

Operations and Maintenance Staff

MWD's use of the DCAP may affect SGVMWD's operations and maintenance (O&M) on DCAP facilities, including SGVMWD's O&M staffing. Currently, SGVMWD staff actively performs O&M on the facilities along the DCAP including inspections, repairs, and replacement of pipelines, valves, and other facilities. If MWD leases the DCAP, SGVMWD staff may be required to continue performing O&M on the DCAP. However, if MWD purchases the DCAP, MWD staff would likely be used to perform O&M (and SGVMWD staff would no longer be required to perform DCAP O&M).

As noted above, MWD's use of the DCAP would also affect SGVMWD's ability to generate power at the San Dimas Hydroelectric Plant. As a result, SGVMWD staff would potentially no longer be required to perform O&M at the San Dimas Hydroelectric Plant.

Over the past 12 years, SGVMWD has spent an average of approximately \$778,000 per year on O&M performed on the DCAP (and the San Dimas Hydroelectric Plant), as shown in Table 4. A breakdown of these annual O&M expenses is provided in Appendix E. It should be noted, SGVMWD's O&M costs during FY 2021-22 were approximately \$1.03 million which accounts for increasing field salaries as well as pipeline maintenance costs.

It is anticipated DCAP O&M costs will continue to increase as SGVMWD is planning to rehabilitate the three (3) pressure reducing stations and the Riverside Meter / Valve Structures. SGVMWD pipeline condition assessment work for Schedule I should be completed this year and condition assessment work of Schedules II through VI is expected in the next few years. SGVMWD estimates spending up to \$3 million on internal bonding on Schedule I of the DCAP over the next several years. SGVMWD anticipates replacing all original valves as pipeline condition assessment work progresses over the next 10+ years. SGVMWD is currently developing a hydraulic model of the DCAP (including a transient or high-pressure wave analysis) which will be used as a basis for rehabilitation

designs. SGVMWD has not yet determined the estimated costs for these improvements. It should also be noted the O&M costs presented above incorporate revenues from SBVMWD averaging about \$24,000 per year for O&M associated with Schedule VI of the DCAP (discussed further in this Section).

It should be noted, SGVMWD will eventually need to replace the DCAP facilities. As discussed in Section 6, the current cost to replace all DCAP facilities is estimated at \$187.4 million. MWD may consider this cost in their evaluation in acquiring the DCAP pipeline, which may reduce SGVMWD's benefit.

Deliveries to Covina Irrigating Company and Azusa Light and Water

Covina Irrigating Company (CIC) and Azusa Light and Water (ALW) both have separate connections to the DCAP to obtain and individually treat SWP water delivered by SGVMWD. CIC treats the delivered SWP water at its William B. Temple Treatment Plant located in the City of Glendora. ALW treats the delivered SWP water at its Joseph F. Hsu Water Filtration Plant located in the City of Azusa. SGVMWD's deliveries of SWP through the DCAP to CIC and ALW are provided in Table 5. Over the past five years, SGVMWD's deliveries to CIC and ALW have averaged 7,047 AFY and 42 AFY, respectively. MWD's use of the DCAP for the Pure Water Project would essentially terminate these water deliveries. A discussion regarding options for CIC and ALW to continue receiving water for treatment is provided in Section 5.

It should be noted, CIC owns an underground 42-inch pipeline that is primarily used to deliver surface water supplies from the San Gabriel Reservoir (via the Azusa Conduit) to CIC's Temple Treatment Plant. A connection was subsequently installed allowing the CIC pipeline to also receive imported water supplies from the DCAP. If SGVMWD is unable to deliver water through the DCAP to CIC's pipeline, CIC will still be able to receive water supplies from the San Gabriel Reservoir.

DCAP Deliveries to SBVMWD (Schedule VI)

MWD's use of the DCAP may potentially impact SBVMWD's existing uses of the DCAP. As noted previously, SBVMWD has 50 percent (55 cfs) utilization rights of the segment of the DCAP (or Schedule VI) from the Devil Canyon Metering Facility to the Riverside Valve Structure, as shown in Figure 2, where SBVMWD has a lateral pipeline. SBVMWD also delivers SWP water to Inland Empire Utilities Agency (including for treatment at Fontana Water Company's Summit Water Treatment Plant and West Valley Water District's Roemer Water Filtration Facility) through this DCAP segment (i.e. Schedule VI). However, SGVMWD is responsible for operating and maintaining Schedule VI under an agreement with SBVMWD.

MWD currently plans to deliver Pure Water Project water supplies from the San Gabriel Canyon Spreading Grounds to as far east as the City of Upland (to Water Facility Authority's Agua de Lejos Plant), from Schedule I to halfway through Schedule III of the DCAP, or approximately 16 miles from the Riverside Valve Structure. As a result, MWD may not need to utilize the DCAP east of Schedule III. A valve (or a cap) could be installed in the vicinity of the Agua de Lejos Plant to prevent Pure Water Project water supplies from being delivered further east along Schedule III. In addition, the Riverside Valve Structure would need to be closed to prevent SWP water from being delivered west of Schedule VI.

Although not included in MWD's current planning, MWD could potentially use Schedule VI of the DCAP to make SWP deliveries to the Chino Basin area because SGVMWD would not need to use Schedule VI of the DCAP any longer. Under the "Agreement for the Joint Utilization of Water Facilities" with SBVMWD, dated August 1, 1972, "If San Gabriel shall cease to operate the Pipeline Portion at any time (other than for repairs), San Bernardino may do so after giving 30 days written notice of its intention to do so." A copy of this agreement is in Appendix F. MWD, SGVMWD, and SBVMWD would need to discuss any

potential use or purchase of Schedule VI by MWD, including any impacts to SBVMWD's utilization rights.

Unused Portions of the DCAP (Schedules IV and V)

The DCAP consists of 38 miles of pipeline extending from the City of San Bernardino to the City of Azusa. MWD currently plans to deliver Pure Water Project water supplies through the DCAP as far east as to WFA's Agua de Lejos Plant, as shown in Figure 1. As previously discussed, SBVMWD only uses Schedule VI of the DCAP, as shown in Figure 2. Consequently, the approximately 16 miles of the DCAP between the Agua de Lejos Plant to the Riverside Valve Structure (or Schedule IV and Schedule V) as shown in Figure 2, may be unused. However, Inland Empire Utilities Agency (IEUA) and Three Valleys Municipal Water District (TVMWD) have emergency connections to the DCAP, so there may potentially be benefit for MWD to continue using Schedules IV and V (as well as Schedule VI). In addition, although not in MWD's current planning, MWD could potentially use Schedules IV and V of the DCAP (as well as Schedule VI) to deliver Pure Water Project water for groundwater recharge in the Chino Basin area or to provide redundancy for MWD's Rialto Pipeline and/or the Upper Feeder (also delivering water originating from the Devil Canyon Power Plant Afterbay westerly towards the Main Basin). If MWD cannot utilize Schedules IV and V of the DCAP, they will become a stranded SGVMWD asset.

Dudley Ridge Water District

In March 1995, SGVMWD entered into a water banking agreement with Dudley Ridge Water District (located in the San Joaquin Valley). This agreement enables Dudley Ridge Water District to deliver and store up to 20,000 AF of water in the Main Basin as part of the SGVMWD's Cyclic Storage Account. In 2002, this agreement was amended to limit the amount of water stored by Dudley Ridge Water District to 12,500 AF. Under the agreement, Dudley Ridge Water District can exchange water it had previously stored in the Main Basin for a portion of the SGVMWD's annual water allocation from the SWP. The

agreement was amended in 2017 and further amended and restated on August 10, 2020. Under the 2020 agreement, Dudley Ridge may deliver up to 22,222 AFY to SGVMWD and SGVMWD will allow up to 20,000 AFY (90 percent of 22,222 AF) of Dudley Ridge water to be held on account by SGVMWD in the Main Basin for future return to Dudley Ridge as SWP Table A water. The term of the 2020 agreement is January 1, 2021 through December 31, 2035. This 2020 agreement may be terminated upon mutual consent of the Parties. A copy of the 2020 agreement is provided in Appendix G.

In the event SGVMWD sells the DCAP to MWD, SGVMWD would still be able to transfer any required Table A allocations of SWP water to Dudley Ridge Water District in exchange for any water previously stored by Dudley Ridge Water District in the Main Basin. However, any use of the DCAP by MWD would potentially impact Dudley Ridge Water District's future ability to store additional water in the Main Basin using the DCAP. However, under any agreement with MWD on the DCAP, SGVMWD will need MWD to deliver its SWP water to the Main Basin. SGVMWD may need to consider an agreement with MWD to deliver SGVMWD's SWP water, discussed in Section 5, below, and a revised agreement with Dudley Ridge Water District regarding how water is delivered.

San Gabriel Canyon Wells

MWD's delivery of Pure Water Project water to the Santa Fe Spreading Grounds and/or the San Gabriel Canyon Spreading Grounds may potentially impact the water quality associated with Main Basin production wells located within the vicinity of these spreading grounds, including ALW's San Gabriel Canyon groundwater wells (including 10 of ALW's 11 total active groundwater wells). SGVMWD currently delivers SWP water through the DCAP to the San Gabriel Canyon Spreading Grounds in order to increase groundwater levels in the vicinity of the San Gabriel Canyon groundwater wells. SGVMWD's deliveries of imported SWP water supplies may be reduced or eliminated with the use of MWD's Pure Water Project water. The spreading of treated recycled water (such as Pure Water Project water) may result in certain water quality issues. However, MWD's Pure Water

Project water is very high quality and will require a permit from the State for groundwater replenishment.

Title 22, Division 4, Chapter 3, Article 5.1 of the California Code of Regulations contains regulations for projects involving groundwater recharge/replenishment with recycled water via surface applications such as spreading grounds. Recycled water used for surface applications must meet disinfected tertiary recycled water quality established by the State Water Resources Control Board – Division of Drinking Water (SWRCB-DDW). SWRCB-DDW has also established the regulatory criteria to demonstrate regulatory compliance, including: pathogenic microorganism control, underground retention time, response retention time (to identify treatment failures and implement appropriate corrective actions), and certain diluent water requirements. All requirements will need to be met to essentially alleviate any potential water quality impacts from spreading Pure Water Project water.

5.0 POTENTIAL AGREEMENT FOR DCAP USE

As noted in Section 4, MWD's use of the DCAP as part of the delivery infrastructure for the Pure Water Project would affect SGVMWD's existing use of the DCAP in delivering SWP water. Any potential impacts resulting from MWD's use of the DCAP would need to be discussed, and resolutions for these impacts should be included in any potential agreements between MWD and SGVMWD (including any lease or purchase agreements). Discussions regarding the potential agreement options and conditions between SGVMWD and MWD are provided below for SGVMWD's consideration.

As noted in Section 4, MWD may still need to construct an additional pipeline to deliver Pure Water Project water to the Weymouth Plant (even if the DCAP is utilized by MWD). If MWD constructs a new pipeline (including a potentially full capacity pipeline), MWD's use of the DCAP may only be part of a short-term deal. A short-term deal is very difficult to evaluate and would potentially not be beneficial to SGVMWD because SGVMWD would be required to make significant changes to its operations (including field personnel, pipeline maintenance and rehabilitation programs, water delivery agreements and rates, other DCAP liabilities, etc.) with limited benefit.

DCAP Sale or Lease

SGVMWD and MWD will need to negotiate the costs for selling or leasing all or a portion of the DCAP and associated facilities (including the San Dimas Hydroelectric Plant and San Dimas Turnout). A discussion regarding the current estimated value of the DCAP physical facilities is provided in Section 6.

Water Deliveries

Under a DCAP sales or lease agreement with MWD, SGVMWD would no longer be able to deliver untreated imported SWP water through the DCAP to meet its total Supplemental Water obligations, and MWD should be required to deliver SGVMWD's SWP water to any of the spreading grounds in the Main Basin to meet SGVMWD's total Supplemental Water obligations through one or more of the following sources:

- Untreated, imported SWP water (through MWD's Foothill Feeder to USG-3 on the San Gabriel River)
- Pure Water Project water (from the Carson Plant)

An agreement with MWD could also include an option to have MWD deliver treated, imported water directly to SGVMWD's member cities (as an alternative to untreated Supplemental Water as in-lieu replacement water deliveries) through the following:

- ALW (through the USG-8 treated water connection)
- City of Alhambra (through the USG-5 treated water connection)
- City of Monterey Park (through a connection with MWD, however, water supplied by MWD has chloramines which cannot be mixed with the City's water which uses free chlorine)
- City of Sierra Madre (through increases of existing MWD deliveries to the Sierra Madre Spreading Grounds)

In the event SGVMWD is not (or is no longer) able to deliver untreated, imported SWP water through the DCAP to treatment plants owned by CIC and/or ALW, it should be determined whether MWD can make these deliveries through one or more of the following sources:

- Pure Water Project water (from the Carson Plant, although the feasibility of obtaining a SWRCB-DDW permit for direct potable reuse would need to be evaluated).
- Untreated, imported water (through the Foothill Feeder to USG-3 on the San Gabriel River) for downstream diversion by CIC and/or ALW.

It should be noted, MWD currently proposes to deliver Pure Water Project to the Weymouth Plant for direct potable reuse purposes. The SWRCB-DDW's proposed regulations for direct potable reuse (dated October 2023) require certain pathogen log reduction values (LRVs)⁷ for the removal of viruses, *Giardia*, and *Cryptosporidium*⁸. MWDs, "Considerations for Direct Potable Reuse Downstream of the Groundwater Recharge Advanced Water Treatment Facility", dated July 2020, provides the anticipated LRVs at the Carson Plant⁹, however, MWD would be required to install additional treatment trains (e.g. at the Weymouth Plant and/or other satellite plants) for direct potable reuse purposes (i.e. additional treatment trains would increase the LRV capabilities).

Additional studies would be needed to determine the extent and costs of any treatment plant modifications (if necessary) in order for ALW and CIC to utilize Pure Water Project water. ALW's Joseph F. Hsu ALW's treatment plant includes membrane filtration and chlorine disinfection. CIC's William B. Temple Treatment includes automatic backwash filters and an ultraviolet/chloramine disinfection system. Although these treatment plants already achieve certain LRVs¹⁰, it will need to be determined if the existing treatment technologies at these plants can be incorporated into the LRV requirements. Furthermore, it appears at least one additional treatment technology would still need to be

⁷ A 1-log reduction represents, 90% removal, a 2-log reduction represents 99% removal, a 3-log reduction represents 99.9% removal, 4-log reduction represents 99.99% removal, etc.

⁸ The SWRCB-DDW's proposed regulations require 16/10/11-log reductions at all times, and 20/14/15-log reductions at least 90 percent of the time (for viruses, *Giardia*, and *Cryptosporidium*, respectively).

⁹ The Carson Plant is estimated to have a pathogen log reduction values of 12.5/10/10-log reductions for virus, *Giardia*, and *Cryptosporidium*, respectively.

¹⁰ The ALW and CIC plants currently achieve 3 to 5-log removals.

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incorporated in order to meet the proposed direct potable reuse requirements. If applicable, the installation of an ultraviolet light/advanced oxidation process (UV/AOP)¹¹ can potentially provide sufficient LRVs to meet the requirements. However, the cost to install a UV/AOP facility may be cost-prohibitive. The estimated cost to install a 12 MGD (i.e. the capacity of ALW's facility) UV/AOP treatment train may exceed \$3 million, excluding O&M costs.

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SGVMWD, MWD, ALW, and/or CIC would need to engage in discussions regarding the frequency of deliveries, priority of deliveries, location of deliveries, type of water to be delivered and an exchange program of SWP water with Pure Water project water and/or other imported water owned by MWD.

SGVMWD and MWD will need to negotiate the rate for Pure Water Project water associated with MWD delivering water to SGVMWD to meet SGVMWD's total Supplemental Water obligations (or for delivering treated, imported water directly to SGVMWD's member cities). In addition, SGVMWD and MWD will need to negotiate any water rates associated with MWD delivering water to CIC and/or ALW. SGVMWD can sell or lease the DCAP facilities and use the sales revenue (and avoided costs) to lower the future costs of Supplemental Water for its member agencies.

SWP Table A Rights

Under a DCAP sales or lease agreement with MWD, SGVMWD would no longer be able to deliver untreated imported SWP water through the DCAP, and MWD should be required

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¹¹UV/AOP is estimated to achieve 6/6/6- log reductions for virus, *Giardia*, and *Cryptosporidium*, respectively.

to deliver SGVMWD's annual Table A Entitlement. SGVMWD has a maximum entitlement (or "Table A" amount) of up to 28,800 AFY of SWP water.

As discussed above, SGVMWD and MWD will need to negotiate the frequency of deliveries, priority of deliveries, location of deliveries, and type of water. In addition, any wheeling fees associated with MWD delivering the water (and potential treatment surcharges) resulting from the exchange will need to be negotiated.

O&M Expenses and Revenues

The loss of revenue resulting from MWD's use of the DCAP (and impacting SGVMWD's ability to generate power San Dimas Hydroelectric Plant) should be included in any sale or lease agreement. As discussed in Section 4, over the past 17 years, SGVMWD has sold an average of approximately \$55,000 per year of electricity generated at its San Dimas Hydroelectric Plant (and SGVMWD will need to recover these costs).

In the event MWD leases the DCAP from SGVMWD, SGVMWD staff may potentially continue to perform O&M on the DCAP (and O&M costs should be factored into the lease agreement). However, if MWD purchases the DCAP and uses its own staff to perform O&M, SGVMWD would have reduced or zero annual O&M expenses. SGVMWD staff would also potentially no longer be required to perform O&M at the San Dimas Hydroelectric Plant. As discussed in Section 4, over the past 12 years, SGVMWD has spent an average of approximately \$754,000 per year on O&M performed on the DCAP (and the San Dimas Hydroelectric Plant), and approximately \$1.03 million during FY 2021-22. SGVMWD should consider these avoided O&M costs when evaluating the financial feasibility of leasing or selling the DCAP to MWD and during negotiation of the financial terms of an agreement with MWD. SGVMWD may also discuss with MWD offering staff positions at MWD to SGVMWD O&M staff as a term of the lease or sales agreement.

Ownership of DCAP Schedule VI

In the event MWD only delivers Pure Water Project water through the DCAP as far east as WFA's Agua de Lejos Plant, MWD may not need to utilize the DCAP east of Schedule III. As noted previously, SBVMWD has 50 percent (55 cfs) of utilization rights of the segment of the DCAP (i.e. Schedule VI) from the Devil Canyon Metering Facility to the Riverside Valve Structure in which SBVMWD also delivers SWP water. However, MWD could potentially use Schedule VI of the DCAP (as well as Schedules IV and V) to deliver SWP water for groundwater recharge in the Chino Basin area or to provide redundancy for MWD's Rialto Pipeline and/or the Upper Feeder.

SGVMWD, SBVMWD, and MWD should discuss and resolve the potential impacts associated with MWD's use of the entire DCAP (including through Schedule VI), including the following:

- MWD should purchase/lease the whole length of the DCAP and not leave any portion of the DCAP stranded
- MWD would need to separately negotiate all items related with the sale or lease of Schedule VI with SBVMWD
- MWD's use of Schedule VI may impact SWP water deliveries to SBVMWD (and/or others including Inland Empire Utilities Agency, Fontana Water Company, and West Valley Water District). An agreement with MWD would need to consider an option to have MWD deliver water to SBVMWD (and others) through the DCAP or alternative pipelines.
- If MWD will not utilize Schedule VI of the DCAP, a valve (or a cap) should be installed in the vicinity of the Agua de Lejos Plant to prevent Pure Water Project water supplies from being delivered further east along the DCAP. In addition, the Riverside Valve Structure would need to be closed to prevent SWP water from being delivered west of Schedule VI.

Ownership of DCAP Schedule IV and Schedule V

In the event MWD only delivers Pure Water Project water through the DCAP as far east as WFA's Agua de Lejos Plant, then Schedule IV and Schedule V of the DCAP (from the Cucamonga Valve Structure through the Riverside Valve Structure) would be unused. However, MWD could potentially use Schedules IV and V of the DCAP (as well as Schedule VI) to deliver water for groundwater recharge in the Chino Basin area (including recharge facilities located in Inland Empire Utilities Agency's service area) or to provide redundancy for MWD's Rialto Pipeline and/or the Upper Feeder. If MWD will not utilize Schedules IV and V of the DCAP, these facilities will be stranded assets of SGVMWD.

6.0 FINANCIAL CONSIDERATIONS

6.1 ESTIMATED VALUE OF DCAP FACILITIES

The current estimated fair market value (excluding land, land rights and water rights) for the DCAP facilities is currently about \$45.9 million (see discussion below). As discussed previously, MWD currently plans to deliver Pure Water Project water supplies through Schedules I, II and III of the DCAP. The current fair market value of these Schedules I, II and III facilities is about \$22.6 million.

The costs to reproduce the DCAP facilities were previously estimated in the "DCAP Inventory and Management Plan", prepared by Stetson Engineers Inc. in January 2014, in which the costs were estimated based on 2013 dollars. The costs of the DCAP facilities were updated to June 2023 values using a construction cost index obtained from Engineering News-Record (ENR).

A reconnaissance-level valuation was conducted to estimate the current value of the DCAP facilities using the "Reproduction Cost New Less Accrued Depreciation (RCNLD)" method¹². The RCNLD method estimates the cost of reproducing the DCAP facilities. However, accrued depreciation is deducted from the current reproduction cost to account for depreciation accruing from the time that the facilities were constructed.

¹² An RCNLD is a method commonly used to appraise water facilities, as well as other utility properties. Under this method, the cost of reproducing the facilities identical to those being valued is estimated. Current costs, as of the date of valuation, are used to determine the cost of reproducing the facilities. Accrued depreciation is then deducted from the current reproduction cost based on the age and useful life of the existing facilities to account for depreciation accruing from the time that the facilities were constructed. Among other things, this method recognizes the appreciation of value of the facilities from the time they were actually installed to the valuation date. It also includes the cost of organizing the utility, acquiring land and land rights, water and water rights, and the value of having developed a fully operating going concern.

Accrued depreciation is based on the age and useful life of the existing facilities. The service life estimates for the DCAP facilities vary depending on the equipment type¹³. Based on a methodology provided by the California Public Utilities Commission's (CPUC)¹⁴, the estimated remaining service life of pipes, valves, manholes, and other District facilities are provided in Appendix H. It should be noted, the estimated remaining service lives are based on statistical probabilities and the actual life of the DCAP facilities may vary from these estimates. A majority of the DCAP pipelines and valves have a remaining service life estimate of at least 13 years. However, these estimates are based on survivor curves which would continue to extend the remaining service life of the facilities (to at least an additional 40 years) if they are still in good operating condition.

Based on the results of the RCNLD, the current estimated value of the DCAP physical facilities is about \$42.8 million (see tabulation below). Going Concern (5%) and Organization Expense (2%) were estimated as a percentage of RCNLD and were determined to be \$2.1 million and \$0.9 million, respectively. Thus, the fair market value (excluding land, land rights and water rights) for the DCAP facilities is currently about \$45.9 million. (It should be noted, SGVMWD owns right of way along the 38-mile DCAP alignment, typically 30 feet in width. However, the right of way is typically located along streets and could not be sold and used for development. The fair market value of SGVMWD's right of way should be evaluated separately by a land appraiser.)

As discussed previously, MWD currently plans to deliver Pure Water Project water supplies through Schedules I, II and III of the DCAP. The current value of these facilities is about \$21.1 million. The fair market value of these facilities (including Going Concern and Organizational Expense) is about \$22.6 million. The fair market value for Schedules

¹³ Service life ranges are based upon factors such as the future effect of wear and tear, decay, action of the elements, inadequacy, and public requirements. Service life estimates can change (increase or decrease) once the equipment is actually in operation.

¹⁴ The CPUC's "Standard Practice for Determination of Straight-Line Remaining Life Depreciation Accruals" (January 1961) provides average ranges of equipment service life for different types of utilities, including water systems. The CPUC relies on various "Iowa Curves" (or Survivor Curves) to determine the remaining service life of equipment that has been in operation.

I, II, and III of the DCAP includes the San Dimas Hydroelectric Plant (with a current fair market value of about \$0.7 million).

For comparison purposes, if MWD were to construct a separate pipeline (instead of using the DCAP) to deliver Pure Water Project water from the San Gabriel Canyon Spreading Grounds to the Weymouth, Miramar, and Agua de Lejos treatment plants, MWD would need to install approximately 14 miles of new pipeline. The cost to install this pipeline is estimated at approximately \$48 million (and excludes pump station, valve, and right of way costs).

As noted above, the remaining service life of the DCAP pipeline is estimated to be at least 13 years. Although the remaining service life estimates will continue to be extended (to at least an additional 40 years) as long as the facilities are still in good operating condition, SGVMWD will eventually need to replace the DCAP facilities. As shown in the tabulation below, the current cost to replace all DCAP facilities is estimated at \$187.4 million. MWD may consider this cost in their evaluation in acquiring the DCAP pipeline, which may reduce SGVMWD's benefit in any agreement with MWD.

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Current Value of DCAP Facilities

Description	Reproduction Cost New	Accrued Depreciation	Reproduction Cost New Less Accrued Depreciation (RCNLD)	Fair Market Value ¹
Schedules I, II, and III				
Pipelines	\$72,118,000	\$56,193,000	\$15,925,000	\$17,040,000
Valves	\$2,956,000	\$2,123,000	\$833,000	\$892,000
Manholes	\$1,016,000	\$694,000	\$322,000	\$345,000
Azusa Flow Control Facility	\$3,459,000	\$2,373,000	\$1,086,000	\$1,163,000
San Gabriel Flow Control Structure	\$2,253,000	\$1,786,000	\$467,000	\$500,000
Big Dalton Pressure Reducing Station	\$2,129,000	\$1,516,000	\$558,000	\$598,000
San Dimas Wash Turnout	\$2,020,000	\$1,437,000	\$583,000	\$624,000
San Dimas Wash Hydroelectric Plant	\$2,594,000	\$1,926,000	\$668,000	\$715,000
Emerald Pressure Reducing Station	\$2,103,000	\$1,539,000	\$564,000	\$604,000
Cucamonga Valve Structure	\$653,000	\$518,000	\$135,000	\$145,000
Subtotal (Schedules I, II, and III)	\$91,301,000	\$70,105,000	\$21,141,000	\$22,621,000
Schedules IV and V				
Pipelines	\$56,876,000	\$43,485,000	\$13,391,000	\$14,329,000
Valves	\$937,000	\$732,000	\$205,000	\$220,000
Manholes	\$684,000	\$488,000	\$196,000	\$210,000
Etiwanda Pressure Reducing Station	\$2,020,000	\$1,429,000	\$535,000	\$573,000
Subtotal (Schedules IV and V)	\$60,517,000	\$46,134,000	\$14,327,000	\$15,330,000
Schedule VI				
Pipelines	\$33,264,000	\$26,365,000	\$6,909,000	\$7,393,000
Valves	\$240,000	\$193,000	\$42,000	\$45,000
Manholes	\$378,000	\$280,000	\$98,000	\$105,000
Riverside Valve and Meter Structure	\$1,102,000	\$874,000	\$228,000	\$244,000
Devil Canyon Metering Facility	\$584,000	\$463,000	\$121,000	\$130,000
Subtotal (Schedule VI)	\$35,568,000	\$28,170,000	\$7,398,000	\$7,916,000
Total	\$187,386,000	\$144,409,000	\$42,866,000	\$45,867,000

Notes: ¹Fair market value includes Going Concern (5%) and Organization Expense (2%)

6.2 COST REVIEW

SGVMWD's current costs associated with the DCAP include the following revenues and expenses:

Current Revenues

- Supplemental Water Obligations
Revenues from Supplemental Water may not be applicable if SGVMWD can sell or lease the DCAP facilities and use the sales revenue (and avoided costs) to lower the future costs of Supplemental Water for its member agencies. In this case, it is anticipated SGVMWD would generate the same revenues with or without the sale/lease of the DCAP.
- CIC and ALW deliveries
Revenues from CIC and ALW deliveries do not appear applicable (SGVMWD receives minimal revenues of \$5 per AF for deliveries to CIC).
- Power generation
SGVMWD's current revenues from power generation average about \$55,000 per year

Current Expenses

- DCAP O&M Costs
SGVMWD's current O&M costs are about \$1.03 million per year. SGVMWD plans to spend an estimated \$3 million on internal bonding on Schedule I of the DCAP over the next several years. O&M costs are expected to increase (SGVMWD is planning to rehabilitate three pressure reducing stations and the Riverside Meter /

Valve Structures and replace all valves). However, SGVMWD has not yet determined the estimated costs for these improvements.

Based on a current municipal bond rate of 4.5 percent over a 30-year period, the present worth of the costs to operate (i.e. O&M) the DCAP is approximately \$16.8 million. It should be noted DCAP O&M costs are anticipated to increase due to increasing field salaries as well as costs needed to maintain the aging DCAP facilities. As discussed in Section 4, condition assessment work for Schedules II through VI is expected in the next few years. SGVMWD anticipates performing pipeline condition assessments over the next several years and replacing all original valves over the next 10+ years.

In the event MWD purchases the DCAP, SGVMWD would no longer receive revenue from power generation, but would also have no more O&M expenses. If MWD purchases the DCAP pipeline for Pure Water Project deliveries, the sales price could potentially be based on the fair market value of \$45.9 million for the associated DCAP pipelines and facilities. As noted above, the fair market value does not include the costs for SGVMWD's right of way which should be evaluated separately by a land appraiser. The fair market value also does not include SGVMWD's inventory associated with maintaining the DCAP facilities (including trucks and spare parts, pipelines, and valves). The sales price could also potentially be based on the avoided cost of MWD constructing a separate new pipeline (instead of using the DCAP), estimated at approximately \$48 million (excluding pump station, valve, and right of way costs).

Under a DCAP sales or lease agreement with MWD, SGVMWD would no longer be able to deliver untreated imported SWP water through the DCAP, and MWD should be required to deliver SGVMWD's annual Table A Entitlement (however, SGVMWD should continue to have full control of its Table A Entitlement of SWP water). MWD's potential purchase or lease price for the DCAP pipelines and facilities do not incorporate any additional fees MWD may impose on SGVMWD for Pure Water Project water supplies (including wheeling

fees and other surcharges). These additional costs should be factored into SGVMWD's cost for selling the DCAP to MWD.

It should be noted, MWD's wheeling fees as of 2021 are on a case-by-case basis¹⁵. MWD could potentially deliver imported water to SGVMWD through the Foothill Feeder and USG-3 via gravity (i.e. with no power costs). However, these deliveries may be subject to capacity limitations and outages (e.g. USGVMWD indicated at the time this report was being prepared they need to utilize USG-3 at an increased capacity for the remainder of 2023 to deliver increased quantities of imported water supplies resulting from the recent wet conditions). MWD could also potentially deliver Pure Water Project water to SGVMWD instead of SWP water, however that cost would need to be negotiated and could be based on the sales price of the DCAP facilities as well as the costs for Pure Water Project water versus the costs for Table A water. SGVMWD should consider using revenue from the sale or lease of the DCAP to lower the future costs of Supplemental Water (including within and beyond SGVMWD's Table A entitlement) for its member agencies.

¹⁵ Prior to 2021, MWD's wheeling rate was based on MWD's "System Access Rate", "Water Stewardship Rate", and "Treatment Surcharge" (for treated water). During 2020, MWD's System Access Rate and Water Stewardship Rate totaled \$411 per AF and MWD's Treatment Surcharge totaled \$323 per AF.

7.0 SUMMARY AND RECOMMENDATIONS

Summary

- MWD is considering the potential use (through lease or purchase) of SGVMWD's DCAP as part of the delivery infrastructure for MWD's Pure Water Project to further convey full advanced treated (FAT) water. As a result, this "White Paper" has been prepared to review SGVMWD's benefits and constraints associated with MWD's potential use of the DCAP.
- MWD's Pure Water Project would deliver purified water through approximately 60 miles of transmission pipelines to groundwater basins within MWD's service area, including the Main San Gabriel Basin (at the Santa Fe Spreading Grounds and/or the San Gabriel Canyon Spreading Grounds). These deliveries would provide a new Supplemental Water supply to the Main Basin and reduce the need for imported water (including imported State Water Project water purchased by SGVMWD and delivered through the DCAP).
 - Pursuant to an August 2022 presentation provided by MWD, the Pure Water Project could potentially deliver at least 65,000 AFY to the Main Basin beginning in 2032. These deliveries could be used as a source of Supplemental Water, help restore water levels in the Main Basin, and reduce the need for imported water.
 - It is estimated that SGVMWD's total Supplemental Water obligations (and delivered through the DCAP, with the exception of the CWEA) will average approximately 12,000 AFY over the next 10 years (from Fiscal Year (FY) 2023-24 through FY 2032-33). Although the Main Basin benefited from wet conditions during the winter of 2022-23, SGVMWD's total Supplemental Water obligations (12,000 AFY) are still projected to be slightly greater than its average Table A allocation of approximately 40 percent (or approximately

11,520 AFY), resulting in a potentially significant water supply deficit by the end of the next 10 years. MWD's Pure Water Project could provide increased water supply for SGVMWD to meet its Supplemental Water obligations.

- SGVMWD owns and operates the DCAP primarily to deliver untreated imported SWP water to the Main Basin for groundwater replenishment (and to meet Supplemental Water obligations). The DCAP extends from the Devil Canyon Power Plant Afterbay (located at the foot of the San Bernardino Mountains in the City of San Bernardino) to the San Gabriel River and San Gabriel Canyon Spreading Grounds (located in the City of Azusa).
 - The DCAP consists of approximately 38 miles of pipeline (constructed in six sections designated as "Schedules"). The DCAP includes flow control facilities, pressure reducing stations, valve and meter structures, turnouts, and a hydroelectric plant (San Dimas Hydroelectric Plant).
 - The capacity of the DCAP ranges from approximately 55 cfs to 110 cfs.
 - San Bernardino Valley Municipal Water District has 50 percent utilization rights (55 cfs of the 110 cfs capacity of the DCAP) of Schedule VI.
 - SGVMWD can deliver SWP water on behalf of Upper San Gabriel Valley Municipal Water District (USGVMWD) and TVMWD for spreading. SGVMWD can also deliver SWP water to CIC and ALW for treatment at their respective surface water treatment plants.
 - SGVMWD generates power at its San Dimas Hydroelectric Plant (with average sales of approximately \$55,000 per year).

SGVMWD's O&M expenses to operate the DCAP, including SGVMWD's O&M staffing, are currently \$1.03 million per year. SGVMWD plans to spend an estimated \$3 million on internal bonding on Schedule I of the DCAP over the next several years. O&M costs are expected to increase (SGVMWD is planning to rehabilitate three pressure reducing stations and the Riverside Meter / Valve Structures and replace all valves). However, SGVMWD has not yet determined the estimated costs for these improvements.

- o SGVMWD has a water banking agreement with Dudley Ridge Water District (located in the San Joaquin Valley) enabling Dudley Ridge Water District to store water (delivered through the DCAP) in the Main Basin. SGVMWD returns the water to Dudley Ridge Water District through an exchange of SWP water.
- MWD is exploring the potential use (e.g. through lease or purchase) of SGVMWD's DCAP to become part of the infrastructure to deliver Pure Water Project water. MWD could potentially use SGVMWD's DCAP to deliver Pure Water Project water supplies from the current terminus of the DCAP (located at the San Gabriel Canyon Spreading Grounds) to the Weymouth (MWD), Miramar (Three Valleys Municipal Water District), and/or Agua de Lejos (Water Facilities Authority) surface water treatment plants for additional treatment and then direct potable reuse (or DPR). MWD would only require Schedules I, II and III of the DCAP to deliver water to these three treatment plants (i.e. MWD would not require Schedules IV, V, and VI and other DCAP facilities such as the San Dimas Hydroelectric Plant and these assets could potentially become stranded).
- The sale or lease of the DCAP facilities to MWD will result in the following:
 - o SGVMWD would no longer be able to use the DCAP pipeline if MWD uses the DCAP continuously (essentially 24/7) to deliver Pure Water Project water supplies.

- SGVMWD would no longer be able to deliver imported SWP water supplies through the DCAP to the Main Basin to meet Supplemental Water obligations. SGVMWD would need to negotiate an agreement requiring MWD to deliver SGVMWD's annual SWP allocation.
 - SGVMWD would generate income through a sale or lease of the DCAP facilities.
 - SGVMWD would no longer incur costs associated with DCAP O&M and repair/replacement.
 - SGVMWD would no longer be able to generate power through the San Dimas Hydroelectric Plant (i.e. lost revenue).
 - SGVMWD would no longer be able to deliver imported SWP water through the DCAP on behalf of CIC and ALW (for treatment at their respective plants). Although SGVMWD receives minimal revenues from CIC and ALW for these deliveries, SGVMWD, MWD, ALW, and/or CIC would need to address alternative sources of water deliveries.
 - SGVMWD would no longer be able to deliver imported SWP water through the DCAP on behalf of IEUA and TVMWD (through emergency connections).
 - SGVMWD would no longer be able to deliver water through the DCAP for the water banking agreement with Dudley Ridge Water District.
- SGVMWD can sell or lease the DCAP facilities and use the sales revenue (and avoided costs) to lower the future costs of Supplemental Water for its member agencies.
 - The sales price of the DCAP facilities should consider the estimated RCNLD fair market value of \$45.9 million for the entire DCAP facilities. The estimated fair market value does not include any land or land rights which should be added. The estimated fair market value also does not include SGVMWD's inventory associated with maintaining the DCAP facilities (including service trucks, spare parts, pipe, and valves).

- SGVMWD's current cost to operate the DCAP facilities is about \$1.03 million. The present worth of the current costs to operate the DCAP is approximately \$16.8 million (avoided future costs). However, it is anticipated DCAP O&M costs will continue to increase.
- The remaining service life of the DCAP pipeline is estimated to be at least 13 years. Although the remaining service life estimates will continue to be extended (to at least an additional 40 years) as long as the facilities are still in good operating condition, SGVMWD will eventually need to replace the DCAP facilities. The current cost to replace all DCAP facilities is estimated at \$187.4 million. MWD may consider this cost in their evaluation in acquiring the DCAP pipeline, which may reduce SGVMWD's benefit in any agreement with MWD.

Recommendations

- If SGVMWD is to consider the sale or lease of the DCAP to MWD, it is recommended SGVMWD sell or lease the entirety of its DCAP pipelines and facilities (including land and land rights). The entire DCAP pipeline and facilities will become unusable to SGVMWD when MWD begins delivering Pure Water Project water through the DCAP.
- Under a DCAP sales or lease agreement with MWD, SGVMWD would no longer be able to deliver untreated imported SWP water through the DCAP, and MWD should be required to deliver SGVMWD's annual SWP Table A allocation (i.e. firm MWD priority of delivery of SGVMWD's annual SWP Table A allocation plus surplus water consistent with DCAP ownership). SGVMWD would need to be exempt from all MWD drought restrictions and allocations. SGVMWD has a maximum entitlement (or "Table A" amount) of up to 28,800 AFY of SWP water. SGVMWD should continue to have full control of its Table A Entitlement of SWP water.
- SGVMWD will need to consider/factor the following costs in determining a sales or lease price for the entirety of its DCAP pipelines and facilities.
 - The RCNLD fair market value of the DCAP pipelines and facilities is estimated at \$45.9 million. The fair market value does not include land and land rights, which should be evaluated separately by a land appraiser. The fair market value also does not include SGVMWD's inventory associated with maintaining the DCAP facilities (including service trucks, spare parts, pipelines, and valves).
 - SGVMWD's current cost to operate the DCAP facilities is about \$1.03 million per year (including O&M costs). The present worth of the future costs to operate the DCAP is approximately \$16.8 million and should be factored in any sales or lease agreement (avoided future costs). It should be noted

SGVMWD's O&M expenses to operate the DCAP are expected to increase (SGVMWD is planning to rehabilitate three pressure reducing stations and the Riverside Meter / Valve Structures and replace all valves). Although SGVMWD has not yet determined the estimated costs for these improvements, SGVMWD is currently developing a hydraulic model of the DCAP (including a transient or high-pressure wave analysis) which will be used as a basis for rehabilitation designs.

- SGVMWD may be required to pay MWD's actual cost for Pure Water Project water (for any water deliveries to meet Supplemental Water obligations). Based on an MWD presentation on November 28, 2023, the cost for MWD to produce Pure Water Project water (including O&M costs) range from about \$2,820 per AF to \$3,624 per AF. However, MWD's cost could potentially be based on a melded rate for MWD member agencies which includes supply sources in addition to Pure Water Project water. Based on a discussion with SGVMWD staff, there are preliminary indications that MWD may charge about \$1,800 per AF for Pure Water Project water. The actual cost for Pure Water Project water should be reviewed before considering the sale of the DCAP facilities and during any discussions with MWD.
- SGVMWD may be required to pay MWD's wheeling fees (and other potential fees) for MWD to deliver SGVMWD's annual SWP allocation. The average Table A allocation has been approximately 40 percent (or approximately 11,520 AFY for SGVMWD). MWD's wheeling fees as of 2021 are on a case-by-case basis (during 2020, MWD's wheeling rates were approximately \$411 per AF for untreated water and \$734 per AF for treated water).
- SGVMWD should consider using revenue from the sale or lease of the DCAP to lower the future costs of Supplemental Water (including within and beyond SGVMWD's Table A entitlement) for its member agencies.
- For comparison purposes, if MWD were to construct a separate pipeline (instead of using the DCAP) to deliver Pure Water Project water from the San Gabriel Canyon Spreading Grounds to the Weymouth, Miramar, and

Agua de Lejos treatment plants, MWD would need to install approximately 14 miles of new pipeline. The cost to install this pipeline is estimated at approximately \$48 million (and excludes pump station, valve, and right of way costs). These avoided MWD costs could be used for a "Sharing of benefits" negotiation with MWD.

- o MWD may still need to construct an additional pipeline to deliver Pure Water Project water to the Weymouth Plant (even if the DCAP is utilized by MWD). If MWD constructs a new pipeline (including a potentially full capacity pipeline), MWD's use of the DCAP may only be part of a short-term deal. A short-term deal is very difficult to evaluate and would potentially not be beneficial to SGVMWD because SGVMWD would be required to make significant changes to its operations (including field personnel, pipeline maintenance and rehabilitation programs, water delivery agreements and rates, etc.) with limited benefit.
- SGVMWD may wish to negotiate with MWD for the delivery of Pure Water Project water to SGVMWD to meet SGVMWD's total Supplemental Water obligations (or for delivering treated, imported water directly to SGVMWD's member cities), including within and beyond SGVMWD's Table A entitlement. MWD may also be able to deliver untreated, imported SWP water through MWD's Foothill Feeder to USG-3 on the San Gabriel River, however, there could be portions of the year when the full USG-3 capacity is utilized by USGVMWD.
- SGVMWD, MWD, ALW, and/or CIC would need to engage in discussions regarding the water rates, frequency of deliveries, priority of deliveries, location of deliveries, type of water to be delivered and an exchange program of SWP water with Pure Water project water and/or other imported water owned by MWD (through USG-3 and diversion from the San Gabriel River). Additional studies would be needed to determine the extent and costs of any treatment plant modifications (if necessary) in order for ALW and CIC to utilize Pure Water Project water.

- MWD will need to separately negotiate SBVMWD's rights to use Schedule VI, with SBVMWD. MWD's ownership of Schedule VI may impact SWP water deliveries to SBVMWD (and/or others including Inland Empire Utilities Agency, Fontana Water Company, and West Valley Water District).). An agreement with MWD would need to consider an option to have MWD deliver water to SBVMWD (and others) through the DCAP or alternative pipelines.
- SGVMWD provides water to IEUA and TVMWD through emergency connections along the DCAP, so there may potentially be benefit for MWD to continue using Schedules IV and V (as well as Schedule VI). In addition, although not in MWD's current planning, MWD could potentially use Schedules IV and V of the DCAP (as well as Schedule VI) to deliver Pure Water Project water for groundwater recharge in the Chino Basin area or to provide redundancy for MWD's Rialto Pipeline and/or the Upper Feeder (also delivering water originating from the Devil Canyon Power Plant Afterbay westerly towards the Main Basin). If MWD will not utilize Schedules IV, V, and VI of the DCAP, If MWD cannot utilize Schedules IV and V of the DCAP, they will become a stranded SGVMWD asset. In addition, Schedule III should be isolated in the vicinity of the Agua de Lejos Plant to prevent Pure Water Project water supplies from being delivered further east along the DCAP. The Riverside Valve Structure would also need to be closed to prevent SWP water from being delivered west of Schedule VI.
- SGVMWD may need to consider a revised water banking agreement with Dudley Ridge Water District.

SGVMWD DCAP Negotiating Priorities

- 1) Sale/lease of entire DCAP, structures, turnouts, hydroelectric facility, inventory, support, equipment, service trucks, and land and land rights.
- 2) Firm MWD priority of delivery of SGVMWD SWP Table A annual allocation plus surplus water consistent with DCAP ownership. No MWD water supply allocations.
- 3) Release of all DCAP liabilities.
- 4) Assimilation of all SGVMWD field staff by MWD.
- 5) Firm "Wheeling Fee" including fixed escalator. Known MWD SWP delivery costs forever.
- 6) Negotiated favorable quantity and water rate for Pure Water Project water.
- 7) Consider MWD option to deliver SWP water or Pure Water Project water to meet MWD delivery obligations to SGVMWD.
- 8) Resolve Dudley Ridge banking agreement obligations and terminate.
- 9) Resolve any SWP delivery obligations to CIC and Azusa.
- 10) Resolve future operation of DCAP, Schedule VI for the benefit of SBVMWD, including O&M.

Negotiations and Deal Breakers

	Remark
1. MWD only needs about 14 miles of the 38 mile DCAP and doesn't need turnouts, hydroelectric, etc.	Deal Breaker (Stranded Assets)
2. MWD "Wheeling Rate" to deliver SWP water is determined on a case-by-case basis (about \$411 per AF to \$734 per AF in 2020)	Adds to SGVMWD total SWP water delivered costs. (Fixed + variable + wheeling fees.
3. MWD will deliver SGVMWD SWP annual allocation under same terms as all MWD Member Agencies, including drought allocations.	Deal Breaker (SGVMWD must get same SWP water delivery reliability as DCAP.)
4. MWD Pure Water Project supply is <u>not</u> part of DCAP deal.	Potential for SGVMWD to negotiate for firm Pure Water Supply and backup SWP reliability.
5. MWD will purchase/lease entire DCAP with land and land rights for \$50-\$75 million <u>less</u> MWD costs to modify DCAP.	SGVMWD benefits is \$50-75 million plus Present Value of avoided DCAP costs - \$18 million to apply to Supplemental Water Costs.
6. MWD to assume SGVMWD Field staff	Good.

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TABLE 1
SGVMWD Projected Supplemental Water Deliveries
(Assuming OSY IS 150,000 AFY and SWP Allocations are 5% 2022, 100% 2023 AND 40% Thereafter)

Fiscal Year	Previous Year Balance	Replacement Water Obligation	RDA II ^{1/}	MWD / Sierra Madre ^{2/}	Alhambra Exchange	Total Required Deliveries	SWP Allocation ^{3/}	Cyclic Storage ^{4/}	Annual Balance
2021-22	--	9,841	0	6,128	-	15,969	1,440	2,300	(12,229)
2022-23	(12,229)	8,186	0	3,268	1,100	12,544	28,800	16,571	4,027
2023-24	4,027	7,700	0	2,870	1,100	11,670	11,520	15,547	3,877
2024-25	3,877	8,700	0	3,268	1,100	13,058	11,520	15,397	2,339
2025-26	2,339	8,700	0	0	1,100	9,800	11,520	13,859	4,059
2026-27	4,059	8,700	0	0	1,100	9,800	11,520	15,579	5,779
2027-28	5,779	8,700	0	0	1,100	9,800	11,520	17,299	7,499
2028-29	7,499	8,700	0	0	1,100	9,800	11,520	19,019	9,219
2029-30	9,219	8,700	4,300	0	1,100	14,100	11,520	20,739	6,639
2030-31	6,639	8,700	4,300	0	1,100	14,100	11,520	18,159	4,059
2031-32	4,059	8,700	4,300	0	1,100	14,100	11,520	15,579	1,479
2032-33	1,479	8,700	4,300	0	1,100	14,100	11,520	12,999	(1,101)
Projected Average						12,033			

1/ SGVMWD was not able to deliver RDA I for FY 21-22. For the next ten years, assumes Production of 210,000 AFY, OSY of 150,000 AFY, \$176/AF RDA I and estimated SGVMWD's RDA II obligation. SGVMWD may not be able to deliver RDA I obligation.

2/ FY 2021-22 includes MWD obligation for 2020 and 2021. Last obligation SGD made was the 2018 and 2019 reduced obligation.

3/ Assumes SWP Allocation is 5 percent 2022, 100 percent 2023 and 40 percent thereafter.

4/ FY 21-22 is Cyclic Storage balance without 2022 SWP Allocation (to be delivered July 2022) and already deducted Alhambra Exchange of 1,100 AF. Assumes the next five years, SGVMWD delivers all SWP Allocation into Cyclic Storage by June 30th.

TABLE 2
SGVMWD's Annual Deliveries
of SWP Water through DCAP
for MWD (USGVMWD/TVMWD) (AF)

Calendar Year	DCAP Deliveries for MWD
2008	0
2009	0
2010	1,364
2011	0
2012	5,171
2013	4,609
2014	5,057
2015	4,632
2016	3,342
2017	2,954
2018	17,056
2019	5,730
2020	7,140
2021	18,655
2022	13,725
Average	5,962

TABLE 3
SGVMWD's Hydroelectric Power Plant

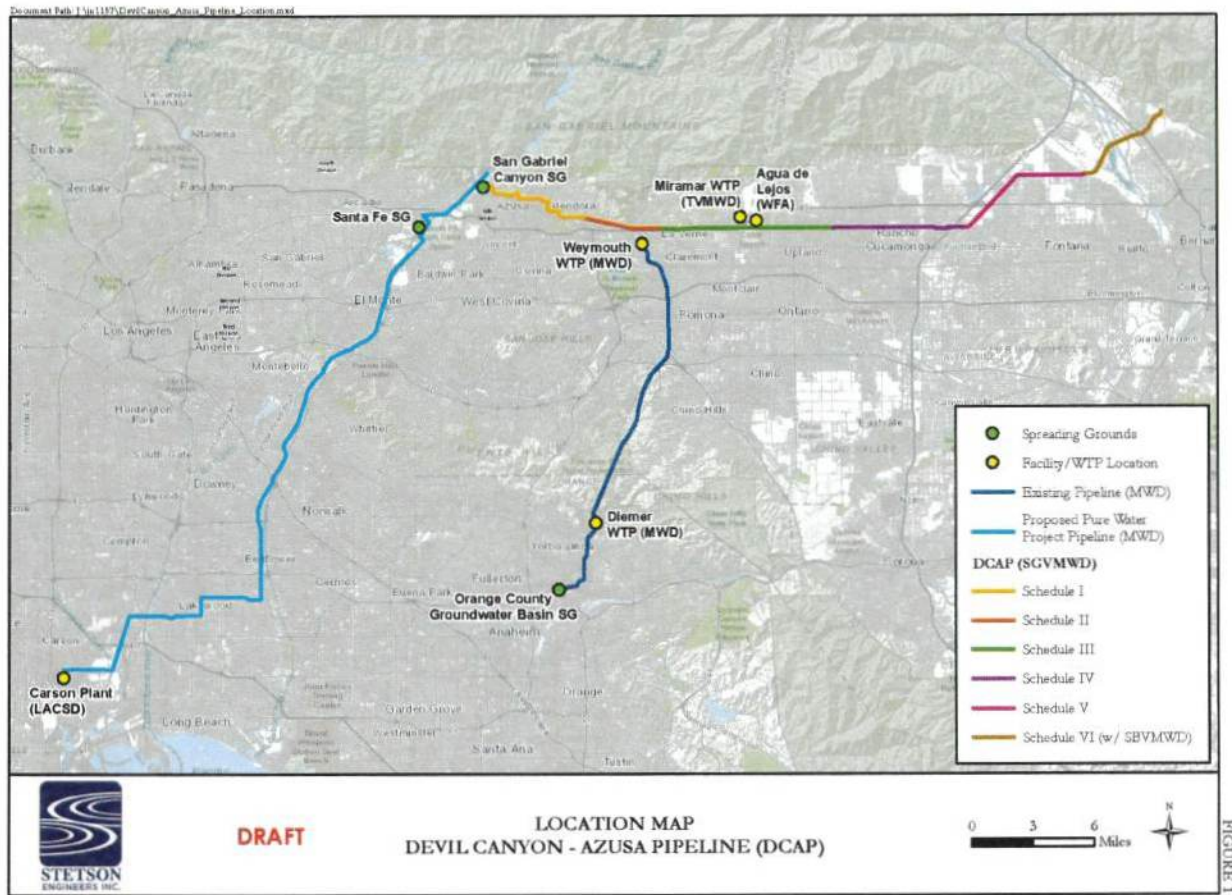
Calendar Year	Annual Power Generated (kWh)	Annual Revenue (\$)
2006	793,001	\$0.00
2007	0	\$0.00
2008	1,321,704	\$153,598.06
2009	1,464,000	\$53,009.73
2010	3,236,091	\$131,001.08
2011	2,278,652	\$93,759.94
2012	3,743,003	\$122,348.60
2013	1,537,200	\$67,491.08
2014	0	\$0.00
2015	0	\$59,905.52
2016	3,032,423	\$89,466.90
2017	376,573	\$11,208.79
2018	1,191,945	\$40,861.19
2019	3,021,070	\$113,528.53
2020	0	\$0.00
2021	0	\$0.00
2022	0	\$0.00
Average	1,294,157	\$55,069
Total	22,000,662	\$936,179

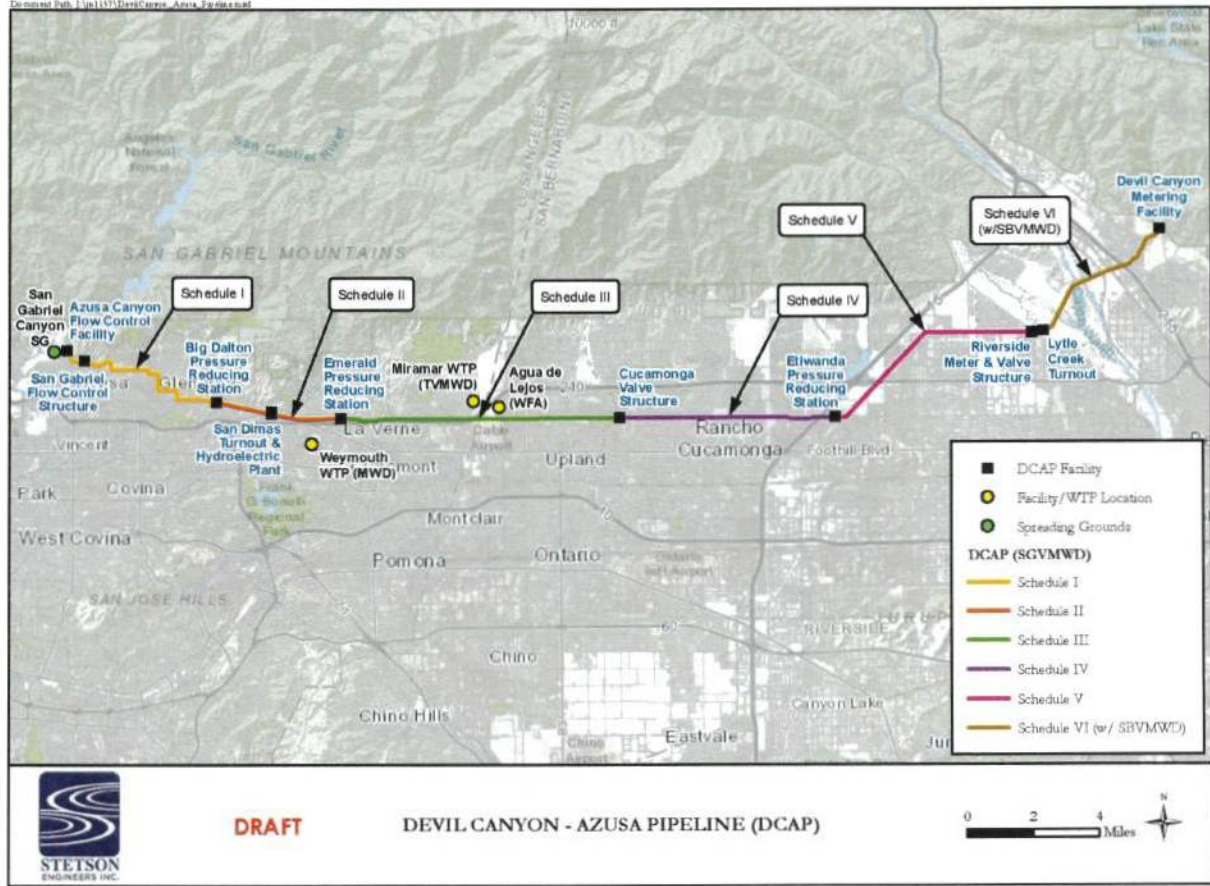
TABLE 4
SGVMWD's Operational
and Maintenance Costs

Fiscal Year	O&M Expenses (\$)
2010/2011	\$584,192.49
2011/2012	\$724,395.99
2012/2013	\$695,930.82
2013/2014	\$785,192.17
2014/2015	\$865,912.57
2015/2016	\$723,322.43
2016/2017	\$785,989.19
2017/2018	\$707,393.37
2018/2019	\$684,042.35
2019/2020	\$679,532.07
2020/2021	\$796,990.43
2021/2022	\$1,014,027.03
Average	\$753,910
Total	\$9,046,921

TABLE 5
SGVMWD's Annual Deliveries of SWP Water through DCAP
to Surface Water Treatment Plants (AF)

Fiscal Year	Azusa Deliveries to Joseph F. HSU Water Filtration Plant	Covina Irrigating Company Deliveries to William B Temple Treatment Plant
2016-17	--	2,615
2017-18	--	5,933
2018-19	1	8,693
2019-20	165	7,816
2020-21	0	5,985
2021-22	0	11,241
Average	42	7,047







Devil Canyon – Azusa Pipeline (DCAP)

Metropolitan Water District of Southern California (MWD)

Pure Water Project

May 13, 2024

DCAP / Pure Water Project

Topics of Discussion

- Overview of MWD's Pure Water Project
- Overview of SGVMWD's facilities
- SGVMWD's supplemental water requirements
- Potential use of DCAP for Pure Water Project

DCAP / Pure Water Project

Topics of Discussion (con't)

- Considerations/Impacts of DCAP use
 - Power Generation
 - Operations and Maintenance
 - Deliveries to ALW and CIC
 - SBVMWD use of DCAP Schedule VI
 - Stranded Assets
 - Dudley Ridge Water District Agreement
 - San Gabriel Canyon Wells
 - Sale or Lease
 - SWP Deliveries
 - Rate for Pure Water Project Water
 - Value of DCAP

(1) INTRODUCTION

Legend:

- WTP (Water Treatment Plant)
- Warren Facility/Advanced Water Purification Facility
- Backbone Pipeline
- DPR Pipeline
- Existing Metropolitan Pipeline
- Spreading Facilities/Injection Wells
- Approximate Pump Station Locations

60 mgd for DPR with new pipeline

90 mgd for IPR

Phase 1 Total: 115 mgd

DCAP / Pure Water Project

Pure Water Project (cont'd)

- • MWD is currently developing the Pure Water Southern California Project (Pure Water Project)
 - Provide up to 150 MGD (168,000 AFY) of full advanced treated (FAT) recycled water
 - Los Angeles County Sanitation District's (LACSD's) Joint Water Pollution Control Plant (Warren Facility) in the City of Carson
- Pure Water Project would deliver purified water through 60 miles of transmission pipelines to groundwater basins including the Main San Gabriel Basin
 - Santa Fe Spreading Grounds, and/or

DCAP / Pure Water Project

Pure Water Project (cont'd)

- • These deliveries would provide a new Supplemental Water supply in the Main Basin and reduce the need for imported water (potentially including imported water purchased by SGVMWD and delivered through the DCAP)

DCAP / Pure Water Project

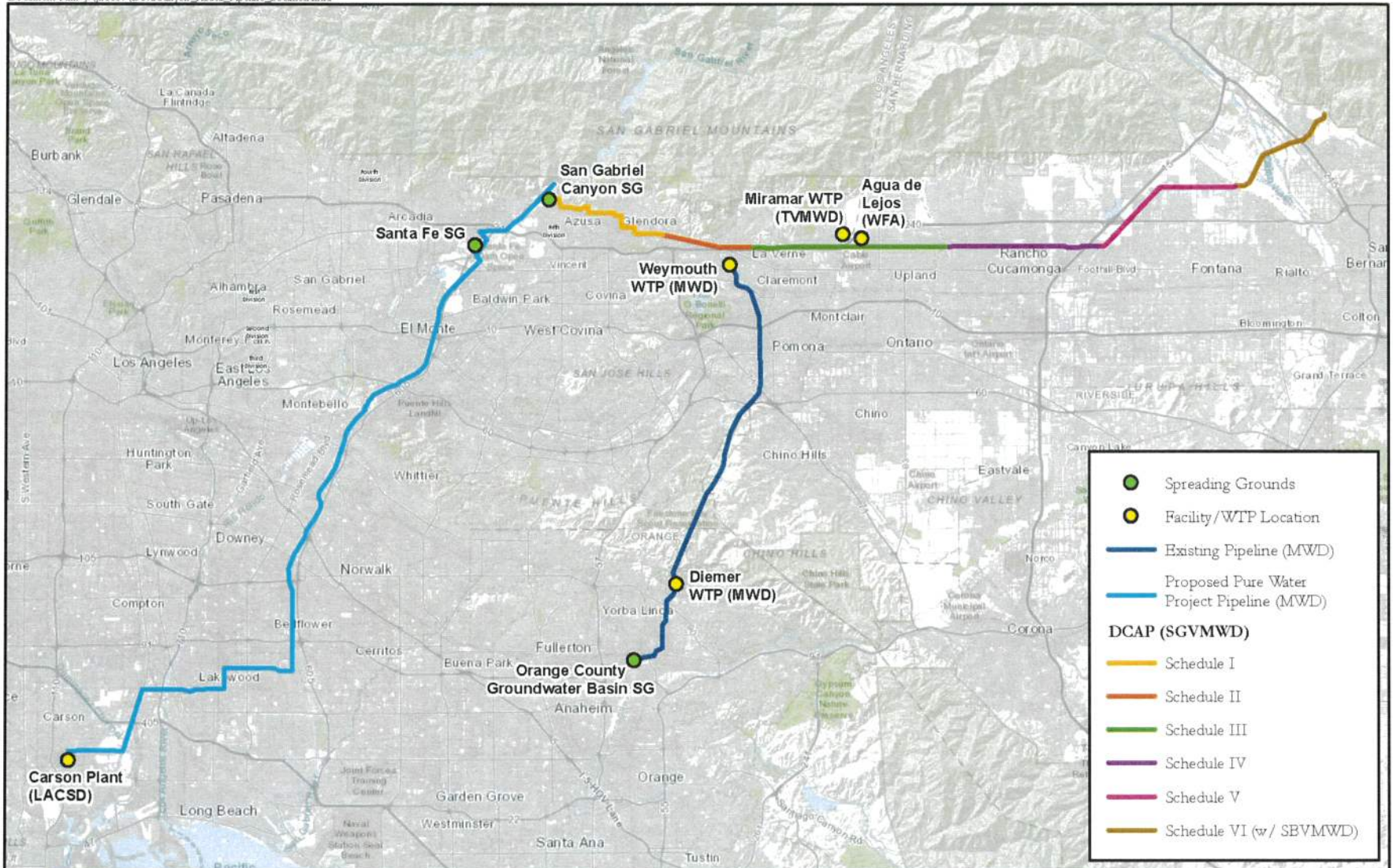
Direct Potable Reuse

- In addition to deliveries for groundwater recharge, the Pure Water Project can be delivered to existing water treatment plants for direct potable reuse (or DPR)
- MWD has identified potential treatment plants to further treat Pure Water Project water for DPR:
 - MWD's Weymouth Plant
 - TVMWD's Miramar Plant
 - Water Facility Authority's (WFA) Agua de Lejos Plant

DCAP / Pure Water Project

Direct Potable Reuse (con't)

Document Path: \\p1157\Dev\Canyon_Azusa_Pipeline_Location.mxd



(1) INTRODUCTION



DCAP / Pure Water Project

DCAP

- SGVMWD owns and operates the DCAP to deliver untreated imported State Water Project (SWP) water to the Main San Gabriel Basin for groundwater replenishment
- MWD is considering the potential use (through lease or purchase) of the DCAP as part of the delivery infrastructure
- As a result, a “White Paper” has been prepared to review benefits and considerations associated with MWD’s potential use of the DCAP

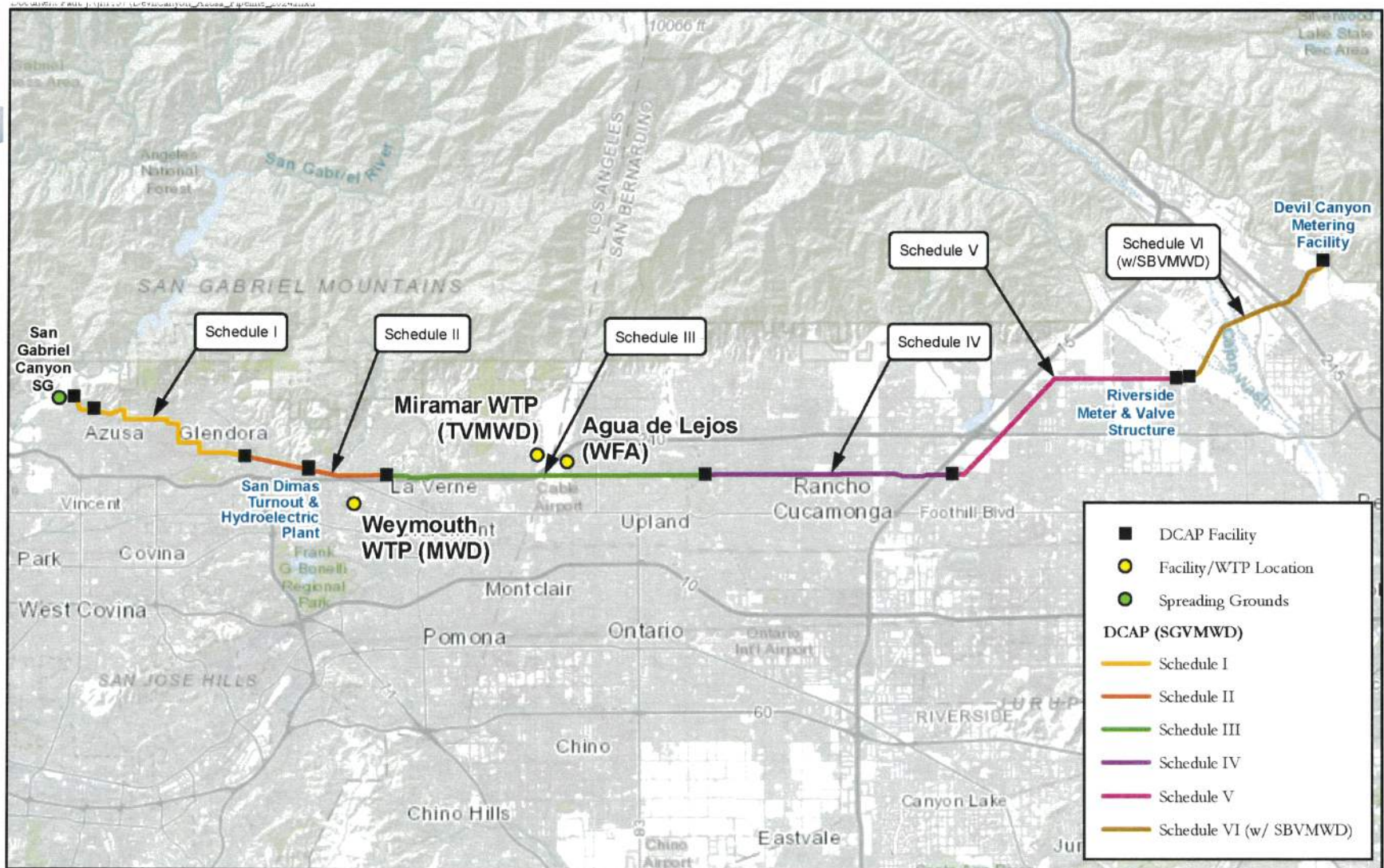
DCAP / Pure Water Project

DCAP (cont'd)

- DCAP extends from Devil Canyon Power Plant Afterbay (located at the foot of the San Bernardino Mountains in the City of San Bernardino) to the San Gabriel River and San Gabriel Canyon Spreading Grounds (located in the City of Azusa)
- DCAP capacity ranges from approximately 55 cfs to 110 cfs
- DCAP consists of 38 miles of pipeline
 - Constructed in six sections designated as “Schedules”

DCAP / Pure Water Project

DCAP (cont'd)



DRAFT

DEVIL CANYON - AZUSA PIPELINE (DCAP)

0 2 4 Miles



DCAP / Pure Water Project

DCAP (cont'd)

- San Bernardino Valley Municipal Water District (SBVMWD) has 50% utilization rights (or 55 cfs) of Schedule VI of the DCAP
 - From the Devil Canyon Metering Facility to the Riverside Valve Structure, where SBVMWD has a lateral pipeline.
 - Ownership of the pipeline, easements and rights of way in Schedule VI is solely SGVMWD's
- The DCAP has turnouts to deliver water
 - San Dimas Wash
 - Big Dalton Wash
 - San Gabriel River
 - San Gabriel Canyon Spreading Grounds

DCAP / Pure Water Project

DCAP (cont'd)

- SGVMWD can deliver water to these turnouts on behalf of its member agencies, Upper District, and Three Valleys
- Deliveries to the Live Oak Spreading Grounds are on behalf of Three Valleys only
- There are separate DCAP connections to deliver water to treatment plants operated by Azusa Light and Water (ALW) and Covina Irrigation Company (CIC)

DCAP / Pure Water Project

Supplemental Water Requirements

- SGVMWD is a SWP contractor and purchases imported water
- SGVMWD's imported Supplemental Water obligations in the Main Basin (some delivered through the DCAP) include:
 - Replacement water (i.e. overproduction), including cyclic storage deliveries
 - Water Resource Development Assessment (RDA) Program
 - Cooperative Water Exchange Agreement (CWEA)
 - Sierra Madre Agreement with MWD
- SGVMWD's total Supplemental Water obligations will average approximately 12,000 AFY over the next 10 years

DCAP / Pure Water Project

Supplemental Water Requirements (cont'd)

- SGVMWD has a maximum entitlement (or “Table A Entitlement” amount) of up to 28,800 AFY of SWP water
 - Table A allocations have averaged approximately 40 percent over the past 10 years (or approximately 11,520 AFY)
- SGVMWD’s total Supplemental Water obligations (12,000 AFY) are projected to exceed average Table A allocations
 - A potential significant water supply deficit would occur by the end of the next 10 years based on continued average allocations
- MWD’s Pure Water Project could provide increased water

DCAP / Pure Water Project

SGVMWD Pure Water Project Involvement

- To ensure additional consistency and reliability of SGVMWD deliveries of replacement water, SGVMWD has expressed interest in purchasing and receiving Pure Water Project water
- In June 2022, MWD signed a “Letter of Intent” with SGVMWD. The Letter of Intent allows for the following:
 - Long-term minimum purchase of at least 6,000 AFY by SGVMWD
 - Maximum total Main Basin deliveries of up to 60,000 to 80,000 AFY collectively to SGVMWD, USGVMWD, and TVMWD)
- The Pure Water Project could potentially deliver at least 65,000

DCAP / Pure Water Project

Potential Use of DCAP by MWD

- MWD is considering the use of the DCAP pipeline to help further deliver Pure Water Project water from the San Gabriel Canyon Spreading Grounds to the Weymouth, Miramar, and/or Agua de Lejos Plants for further treatment (for DPR)
- MWD has previously indicated to SGVMWD that the DCAP would likely provide only about 50% of the needed capacity to deliver Pure Water Project water to the Weymouth Plant
- If MWD constructs a new pipeline in the future (including a potentially full capacity pipeline), MWD's use of the DCAP may

DCAP / Pure Water Project

Potential Use of DCAP by MWD (cont'd)

- MWD would potentially use the DCAP throughout the year (essentially 24/7) to deliver Pure Water Project water supplies
- MWD would deliver the Pure Water Project water through the DCAP in a west to east direction (opposite of the current direction used by SGVMWD)
 - SGVMWD would no longer be able to deliver SWP water through the DCAP

DCAP / Pure Water Project

Power Generation

- SGVMWD can generate power at its San Dimas Hydroelectric Plant. The hydroelectric plant is currently not setup to receive water flowing through the DCAP in a west to east direction.
 - The San Dimas Hydroelectric Plant would be a stranded asset
- Since 2006, SGVMWD has sold approximately \$936,000 (approximately \$55,000 per year of electricity)
- The majority of SWP deliveries over the past 5 to 10 years have not been through the San Dimas Hydroelectric Plant but have instead gone directly to the San Gabriel Canyon Spreading

DCAP / Pure Water Project

Operations and Maintenance

- If MWD purchases the DCAP, MWD staff would likely be used to perform O&M (and SGVMWD staff would no longer be required)
 - Over the past 12 years, SGVMWD has spent an average of approximately \$778,000 per year on O&M performed on the DCAP (and the San Dimas Hydroelectric Plant)
- SGVMWD is planning to perform extensive DCAP maintenance
 - Rehabilitate the three pressure reducing stations and the Riverside Meter / Valve Structures
 - \$3 million on internal bonding on Schedule I of the DCAP
 - Replacing all original valves over the next 10+ years
 - A hydraulic model (including a transient or high-pressure wave analysis) is

DCAP / Pure Water Project

Deliveries to CIC and ALW

- CIC and ALW both have separate connections to the DCAP to obtain and individually treat SWP water delivered by SGVMWD
- Over the past five years, SGVMWD's deliveries to CIC and ALW have averaged 7,047 AFY and 42 AFY, respectively

DCAP / Pure Water Project

DCAP Deliveries to SBVMWD (Schedule VI)

- SBVMWD has 50 percent (55 cfs) utilization rights of the segment of the DCAP (or Schedule VI)
 - MWD currently plans to deliver Pure Water Project water supplies as far east as the City of Upland (halfway through Schedule III)
 - MWD may not need to utilize the DCAP east of Schedule III
 - SGVMWD and SBVMWD would need to discuss any potential use or purchase of Schedule VI by MWD, including any impacts to SBVMWD's utilization rights

DCAP / Pure Water Project

Unused Portions of the DCAP (Schedule IV and V)

- Approximately 16 miles of the DCAP between Schedules IV and V may be unused.
- Inland Empire Utilities Agency (IEUA) and Three Valleys have emergency connections to the DCAP, so there may potentially be benefit for MWD to continue using Schedules IV and V.
 - MWD could potentially use Schedules IV and V to deliver Pure Water Project water for groundwater recharge in the Chino Basin area or to provide redundancy for MWD's Rialto Pipeline and/or the Upper Feeder
- If MWD cannot utilize Schedules IV and V of the DCAP, they will

DCAP / Pure Water Project

Dudley Ridge Water District

- In March 1995, SGVMWD entered into a water banking agreement with Dudley Ridge Water District (located in the San Joaquin Valley)
 - In 2002, this agreement was amended to limit the amount of water stored by Dudley Ridge Water District to 12,500 AF
 - In the event SGVMWD sells the DCAP to MWD, SGVMWD would still be able to transfer any required Table A allocations of SWP water to Dudley Ridge Water District
 - However, any use of the DCAP by MWD would potentially impact Dudley Ridge Water District's future ability to store additional water in the Main Basin using the DCAP.

DCAP / Pure Water Project

San Gabriel Canyon Wells

- 10 of ALW's 11 total active groundwater wells are located near the San Gabriel Canyon Spreading Grounds
 - MWD's Pure Water Project water will require a permit from the State for groundwater replenishment
 - Groundwater wells may be subject to separation requirements
 - Any potential regulatory impacts resulting from MWD's use of the DCAP would need to be discussed, and resolutions for these impacts should be included in any potential agreements between MWD and SGVMWD (including any lease or purchase agreements)

DCAP / Pure Water Project

DCAP Sale or Lease

- SGVMWD and MWD will need to negotiate the costs for selling or leasing all or a portion of the DCAP and associated facilities (including the San Dimas Hydroelectric Plant and San Dimas Turnout)

DCAP / Pure Water Project

Water Deliveries

- MWD should be required to deliver SGVMWD's SWP water to meet SGVMWD's total Supplemental Water obligations
 - An agreement with MWD could also include an option to have MWD deliver treated, imported water directly to SGVMWD's member cities (as an alternative to untreated Supplemental Water as in-lieu replacement water deliveries)
- In the event SGVMWD is not (or is no longer) able to deliver untreated, imported SWP water through the DCAP to treatment plants owned by ALW and/or CIC, it should be determined whether MWD can make these deliveries

DCAP / Pure Water Project

Water Deliveries (cont'd)

- MWD currently proposes to deliver Pure Water Project to the Weymouth Plant for DPR and would be required to install additional treatment trains (e.g. at the Weymouth Plant and/or other satellite plants)
- Additional studies would be needed to determine the extent and costs of any treatment plant modifications (if necessary) for ALW and CIC to utilize Pure Water Project water
 - The estimated cost for ALW to install an additional treatment train may exceed \$3 million, excluding O&M costs.

DCAP / Pure Water Project

Water Rates

- SGVMWD and MWD will need to negotiate the rate for Pure Water Project water associated with MWD delivering water to meet SGVMWD's total Supplemental Water obligations
 - Based on an MWD presentation on November 28, 2023, the cost for MWD to produce Pure Water Project water (including O&M costs) range from about \$2,820 per AF to \$3,624 per AF.
 - There are preliminary indications that MWD may charge about \$1,800 per AF for Pure Water Project water based on a melded rate.
- SGVMWD and MWD will need to negotiate any water rates associated with MWD delivering water to ALW and/or CIC

DCAP / Pure Water Project

SWP Table A Rights

- MWD should be required to deliver SGVMWD's annual Table A Entitlement
- SGVMWD and MWD will need to negotiate the frequency of deliveries, priority of deliveries, location of deliveries, and type of water
- In addition, any wheeling fees associated with MWD delivering the water (and potential treatment surcharges) resulting from the exchange will need to be negotiated

DCAP / Pure Water Project

O&M Expenses and Revenues

- SGVMWD should consider avoided O&M costs when evaluating the financial feasibility of leasing or selling the DCAP to MWD and during negotiation of the financial terms of an agreement with MWD.
- SGVMWD may also discuss with MWD offering staff positions at MWD to SGVMWD O&M staff as a term of the agreement.

DCAP / Pure Water Project

Ownership of DCAP Schedules IV, V, and VI

- MWD should purchase/lease the whole length of the DCAP and not leave any portion of the DCAP stranded
- MWD would need to separately negotiate all items related with the sale or lease of Schedule VI with SBVMWD
- An agreement with MWD would need to consider an option to have MWD deliver water to SBVMWD (and others) through the DCAP or alternative pipelines

DCAP / Pure Water Project

Estimated Value of DCAP Facilities

- The current estimated fair market value (excluding land, land rights and water rights) for all the DCAP facilities is currently about \$45.9 million
 - The majority of the DCAP pipelines and valves have a remaining service life estimate of at least 13 years
 - Based on survivor curves which would continue to extend the remaining service life of the facilities (to at least an additional 40 years) if they are still in good operating condition
 - MWD currently plans to deliver Pure Water Project water supplies through Schedules I, II and III of the DCAP

DCAP / Pure Water Project

Estimated Value of DCAP Facilities (cont'd)

- The fair market value of the Schedules I, II, and III facilities is about \$22.6 million
- The cost for MWD to construct a separate new pipeline (14 miles) is estimated at approximately \$48 million (and excludes pump station, valve, and right of way costs)
- The current cost to replace all DCAP facilities is estimated at \$187.4 million
 - MWD may consider this cost in their evaluation in acquiring the DCAP pipeline, which may reduce SGVMWD's benefit in any agreement

DCAP / Pure Water Project

Recommendations

- If SGVMWD is to consider the sale or lease of the DCAP to MWD, it is recommended SGVMWD sell or lease the entirety of its DCAP pipelines and facilities (including land and land rights)
- MWD should be required to deliver SGVMWD's annual SWP Table A allocation (i.e. firm MWD priority of delivery of SGVMWD's annual SWP Table A allocation plus surplus water consistent with DCAP ownership)
 - SGVMWD would need to be exempt from all MWD drought restrictions and allocations
 - SGVMWD should continue to have full control of its Table A Entitlement

DCAP / Pure Water Project

Recommendations (cont'd)

- The actual cost for Pure Water Project water needs to be identified before considering the sale of the DCAP facilities and during any discussions with MWD.
 - SGVMWD may be required to pay MWD's actual cost for Pure Water Project water (for any water deliveries to meet Supplemental Water obligations)
 - The cost for MWD to produce Pure Water Project water (including O&M costs) range from about \$2,820 per AF to \$3,624 per AF
 - MWD's cost could potentially be based on a melded rate for MWD member agencies (\$1,800 per AF) which includes supply sources in addition to Pure Water Project water.

DCAP / Pure Water Project

Recommendations (cont'd)

- SGVMWD should consider using revenue from the sale or lease of the DCAP to lower the future costs of Supplemental Water (including within and beyond SGVMWD's Table A entitlement) for its member agencies.

DCAP / Pure Water Project

Recommendations (cont'd)

- MWD may still need to construct an additional pipeline to deliver Pure Water Project water to the Weymouth Plant (even if the DCAP is utilized by MWD).
 - If MWD constructs a new pipeline (including a potentially full capacity pipeline), MWD's use of the DCAP may only be part of a short-term deal.
- SGVMWD may wish to negotiate with MWD for the delivery of Pure Water Project water to SGVMWD to meet SGVMWD's total Supplemental Water obligations (or for delivering treated, imported water directly to SGVMWD's member cities), including within and beyond SGVMWD's Table A entitlement.

DCAP / Pure Water Project

Recommendations (cont'd)

- SGVMWD, MWD, ALW, and/or CIC would need to engage in discussions regarding the water rates, frequency of deliveries, priority of deliveries, location of deliveries, type of water to be delivered.
 - MWD will need to separately negotiate SBVMWD's rights to use Schedule VI, with SBVMWD.
 - If MWD will not utilize Schedules IV, V, and VI of the DCAP, If MWD cannot utilize Schedules IV and V of the DCAP, they will become a stranded SGVMWD asset.
- SGVMWD may need to consider a revised water banking agreement with Dudley Ridge Water District.

DCAP / Pure Water Project

Cost Summary

- SGVMWD's current cost to operate the DCAP facilities is about \$1.03 million per year (including O&M costs)
 - The present worth of the future O&M costs (based on \$1.03 million per year) is approximately \$16.8 million
 - SGVMWD's annual O&M expenses are expected to increase.
- The estimated fair market value for all DCAP facilities is \$45.9 million (excluding land, land rights and water rights)
 - The fair market value of the Schedules I, II, and III facilities is \$22.6 million
 - The estimated cost to replace all DCAP facilities is \$187.4 million

DCAP / Pure Water Project

Cost Summary (cont'd)

- The estimated cost for MWD to construct a separate new pipeline is \$48 million (excluding pump station, valve, and right of way costs)
- The cost for MWD to produce Pure Water Project water (including O&M costs) range from about \$2,820 per AF to \$3,624 per AF.
 - There are preliminary indications that MWD may charge about \$1,800 per AF for Pure Water Project water based on a melded rate.

DCAP / Pure Water Project

Negotiations and Deal Breakers

	Remark
1. MWD only needs about 14 miles of the 38-mile DCAP and doesn't need turnouts, hydroelectric, etc.	Deal Breaker (Stranded Assets)
2. MWD "Wheeling Rate" to deliver SWP water is determined on a case-by-case basis (about \$411 per AF to \$734 per AF in 2020)	Adds to SGVMWD total SWP water delivered costs. (Fixed + variable + wheeling fees.
3. MWD will deliver SGVMWD SWP annual allocation under same terms as all MWD Member Agencies, including drought allocations.	Deal Breaker (SGVMWD must get same SWP water delivery reliability as DCAP.)
4. MWD Pure Water Project supply is not part of DCAP deal.	Potential for SGVMWD to negotiate for firm Pure Water Supply and backup SWP reliability.
5. MWD will purchase/lease entire DCAP with land and land rights for \$50-\$75 million less MWD costs to modify DCAP.	SGVMWD benefits is \$50-75 million plus Present Value of avoided DCAP costs - \$18 million to apply to Supplemental Water Costs.
6. MWD to assume SGVMWD Field staff	Good.

AGENDA ACTION ITEM NO. 2

GRANT/LOAN POLICY RESOLUTION NO. 05-2024-832

RECOMMENDED ACTION: Adopt Resolution No. 05-2024-832

BACKGROUND: At the last Board Meeting, the Grant/Loan Policy was presented to the Board along with recommendations from the Administrative/Finance Committee. The Board instructed legal counsel to prepare a resolution for formal adoption of the policy.

BUDGET IMPACT: None.

PRIOR BOARD ACTION: Reviewed at the April Board Meeting.

SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT GRANT AND LOAN POLICY

1. **Purpose of Policy; General Principles.** This Grant and Loan Policy ("Policy") is intended to provide the four member cities (the "Cities" or, individually, a "City") of the San Gabriel Valley Municipal Water District ("District") with guidance regarding the circumstances under which the District will provide grant or loan funding to a City, and to provide the District and its Board of Directors (the "Board") with a framework under which the District can provide financial support to the Cities on projects that will benefit the District. In adopting this Policy, the Board acknowledges the District is not intended to act as a lending financial institution and that any loans to be made under this Policy will be made on a case-by-case basis with a thorough review of the project for which the loan is requested and identification of tangible benefits that would accrue to the District through any such project. The Board further recognizes the need to protect the District's existing reserves, which need to be readily available to assist in funding any needed capital improvements or in the event of a catastrophe.

2. **Grants.**

- a. **General.** The Board may provide funding for grants by allocating monies in the District's budget process each year, taking into account available financial resources and that no material adverse impact to the District's reserves will occur. No grants in addition to funding provided through the budget process will be provided without unanimous approval by the Board. The District will notify the Cities in writing on or before August 1 of each year regarding any available grant funding, along with the grant application deadline specified in subdivision d, below.
- b. **Purpose of Grant Requests.** The District will award grants to Cities for purposes related to water conservation or other water-related projects which will provide benefits to the District by reducing the District's groundwater replenishment obligations.
- c. **Grant Application.** Any application for a District grant shall include the amount of the desired grant, the nature of the project for which the grant will be used and the benefit the District will derive from the project for which the grant will be provided.
- d. **Application Deadline.** All grant applications must be submitted to the District on or before September 30 of each year, provided if September 30 falls on a Saturday, Sunday or District holiday, the deadline shall be extended to the next day on which the District's office is open for business. The District may extend this deadline in the event of unforeseen circumstances, including, but not limited to, an emergency situation, occur.

- e. Board Approval. Any grant that is funded through the District's budget process must be approved by a majority of the Board.

3. **Loans.**

- a. General. Loans will only be made for a City project that will provide a direct tangible benefit to the District by reducing its replenishment obligations, as the Board determines in its sole discretion. No loan will be made to any City when that City is the borrower on a loan from the District on which an outstanding principal balance exists.
- b. Limitation of Loan Amount. No loan shall be made in an amount that exceeds ten percent (10%) of the District's then existing reserves.
- ~~b.c.~~ Term; Prepayment. The repayment term on any loan made under this policy shall not exceed ten (10) years. Any loan may be prepaid in full or in part without penalty.
- ~~e.d.~~ Interest Rate; Payment Terms. In approving any request for a loan, the Board may set an interest rate for that loan in such amount as it deems appropriate, or may have the loan be a zero interest loan. The Board will also determine the payment terms for any such loan, including, but not limited to, whether the loan will be fully amortized.
- ~~d.e.~~ Request for a Loan. Any City may request a loan from the District in accordance with the parameters set forth in this Policy. Any such request shall be in writing and shall include the following:
 - i. Requested loan amount;
 - ii. Stated purpose for the loan;
 - iii. Stated benefit the District will derive from the project to be financed with the loan proceeds;
 - iv. Requested interest rate; and
 - v. Other information to justify the need for the loan.
- ~~e.f.~~ Board Approval. Any request for a loan must be approved by four-fifths (4/5ths) of the Board.

SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT GRANT AND LOAN POLICY

1. Purpose of Policy; General Principles. This Grant and Loan Policy ("Policy") is intended to provide the four member cities (the "Cities" or, individually, a "City") of the San Gabriel Valley Municipal Water District ("District") with guidance regarding the circumstances under which the District will provide grant or loan funding to a City, and to provide the District and its Board of Directors (the "Board") with a framework under which the District can provide financial support to the Cities on projects that will benefit the District. In adopting this Policy, the Board acknowledges the District is not intended to act as a lending financial institution and that any loans to be made under this Policy will be made on a case-by-case basis with a thorough review of the project for which the loan is requested and identification of tangible benefits that would accrue to the District through any such project. The Board further recognizes the need to protect the District's existing reserves, which need to be readily available to assist in funding any needed capital improvements or in the event of a catastrophe.

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- a. General. Loans will only be made for a City project that will provide a direct tangible benefit to the District by reducing its replenishment obligations, as the Board determines in its sole discretion. No loan will be made to any City when that City is the borrower on a loan from the District on which an outstanding principal balance exists.
- b. Limitation of Loan Amount. No loan shall be made in an amount that exceeds ten percent (10%) of the District's then existing reserves.
- c. Term; Prepayment. The repayment term on any loan made under this policy shall not exceed ten (10) years. Any loan may be prepaid in full or in part without penalty.
- d. Interest Rate; Payment Terms. In approving any request for a loan, the Board may set an interest rate for that loan in such amount as it deems appropriate, or may have the loan be a zero interest loan. The Board will also determine the payment terms for any such loan, including, but not limited to, whether the loan will be fully amortized.
- e. Request for a Loan. Any City may request a loan from the District in accordance with the parameters set forth in this Policy. Any such request shall be in writing and shall include the following:
 - i. Requested loan amount;
 - ii. Stated purpose for the loan;
 - iii. Stated benefit the District will derive from the project to be financed with the loan proceeds;
 - iv. Requested interest rate; and
 - v. Other information to justify the need for the loan.
- f. Board Approval. Any request for a loan must be approved by four-fifths (4/5ths) of the Board.

RESOLUTION NO. 5-2024-832

**RESOLUTION OF THE BOARD OF DIRECTORS OF THE
SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT
ESTABLISHING GRANT AND LOAN POLICY AND
AMENDING DISTRICT ADMINISTRATIVE CODE**

WHEREAS, the San Gabriel Valley Municipal Water District ("District") from time to time provides grants to its member cities and has also provided loans to some of those cities; and

WHEREAS, the District's Board of Directors desires to establish a policy to set forth the parameters under which grants and loans may be made; and

WHEREAS, District staff and the District's legal counsel have prepared the form of Grant and Loan Policy, as attached hereto as Exhibit A, to set forth those parameters and address related issues; and

WHEREAS, the District's Board of Directors finds the Grant and Loan Policy, in the form attached hereto as Exhibit A, to be in the District's best interest; and

WHEREAS, it is appropriate for the newly established Grant and Loan Policy to be inserted into the District's Administrative Code in Title 2, Chapter 2, Article 6 as a new section 2-2.604 entitled "Grant and Loan Policy,"

NOW, THEREFORE, IT IS RESOLVED BY THE BOARD OF DIRECTORS OF THE SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT that the Grant and Loan Policy in the form presented to the Board and attached hereto as Exhibit A is hereby approved and established, and that policy shall be inserted into the District's Administrative Code in Title 2, Chapter 2, Article 6 as a new section 2-2.604 entitled "Grant and Loan Policy" and District staff and legal counsel are directed to incorporate such revisions into the Code.

PASSED, APPROVED AND ADOPTED this 13th day of May, 2024.

President

ATTEST:

Secretary

EXHIBIT A

TITLE 2. ADMINISTRATION

CHAPTER 2. BOARD OF DIRECTORS

ARTICLE 6 – POLICIES OF THE BOARD

2-2.604

GRANT AND LOAN POLICY

- (a) **Purpose of Policy; General Principles.** This Grant and Loan Policy (“Policy”) is intended to provide the four member cities (the “Cities” or, individually, a “City”) of the San Gabriel Valley Municipal Water District (“District”) with guidance regarding the circumstances under which the District will provide grant or loan funding to a City, and to provide the District and its Board of Directors (the “Board”) with a framework under which the District can provide financial support to the Cities on projects that will benefit the District. In adopting this Policy, the Board acknowledges the District is not intended to act as a lending financial institution and that any loans to be made under this Policy will be made on a case-by-case basis with a thorough review of the project for which the loan is requested and identification of tangible benefits that would accrue to the District through any such project. The Board further recognizes the need to protect the District’s existing reserves, which need to be readily available to assist in funding any needed capital improvements or in the event of a catastrophe.
- (b) **Grants.**
 - (1) **General.** The Board may provide funding for grants by allocating monies in the District’s budget process each year, taking into account available financial resources and that no material adverse impact to the District’s reserves will occur. No grants in addition to funding provided through the budget process will be provided without unanimous approval by the Board. The District will notify the Cities in writing on or before August 1 of each year regarding any available grant funding, along with the grant application deadline specified in subdivision (4), below.
 - (2) **Purpose of Grant Requests.** The District will award grants to Cities for purposes related to water conservation or other water-related projects which will provide benefits to the District by reducing the District’s groundwater replenishment obligations.
 - (3) **Grant Application.** Any application for a District grant shall include the amount of the desired grant, the nature of the project

for which the grant will be used and the benefit the District will derive from the project for which the grant will be provided.

- (4) Application Deadline. All grant applications must be submitted to the District on or before September 30 of each year, provided if September 30 falls on a Saturday, Sunday or District holiday, the deadline shall be extended to the next day on which the District's office is open for business. The District may extend this deadline in the event of unforeseen circumstances, including, but not limited to, an emergency situation, occur.
- (5) Board Approval. Any grant that is funded through the District's budget process must be approved by a majority of the Board.

(c) **Loans.**

- (1) General. Loans will only be made for a City project that will provide a direct tangible benefit to the District by reducing its replenishment obligations, as the Board determines in its sole discretion. No loan will be made to any City when that City is the borrower on a loan from the District on which an outstanding principal balance exists.
- (2) Limitation of Loan Amount. No loan shall be made in an amount that exceeds ten percent (10%) of the District's then existing reserves.
- (3) Term; Prepayment. The repayment term on any loan made under this policy shall not exceed ten (10) years. Any loan may be prepaid in full or in part without penalty.
- (4) Interest Rate; Payment Terms. In approving any request for a loan, the Board may set an interest rate for that loan in such amount as it deems appropriate, or may have the loan be a zero interest loan. The Board will also determine the payment terms for any such loan, including, but not limited to, whether the loan will be fully amortized.
- (5) Request for a Loan. Any City may request a loan from the District in accordance with the parameters set forth in this Policy. Any such request shall be in writing and shall include the following:
 - (a) Requested loan amount;
 - (b) Stated purpose for the loan;
 - (c) Stated benefit the District will derive from the project to be financed with the loan proceeds;
 - (d) Requested interest rate; and

(e) Other information to justify the need for the loan.

- (6) Board Approval. Any request for a loan must be approved by four-fifths (4/5ths) of the Board.

AGENDA ACTION ITEM NO. 3

COST OF LIVING ADJUSTMENT

RECOMMENDED ACTION: Approve a 4% Cost of Living Adjustment for all employees. A formal salary resolution will be presented for adoption at the June Board Meeting.

BACKGROUND: Based on the Consumer Price Index for the 12 month period ending March 2024 for the Los Angeles area; a 4% salary increase for all employees is recommended.

BUDGET IMPACT: A 4% salary increase would result in a \$70,000 increase to the 2024-2025 Budget.

PRIOR BOARD ACTION: None.



Economic News Release



Table 4. Consumer Price Index for All Urban Consumers (CPI-U): Selected areas, all items index

Table 4. Consumer Price Index for All Urban Consumers (CPI-U): Selected areas, all items index, March 2024

[1982-84=100, unless otherwise noted]

Area	Pricing Schedule(1)	Percent change to Mar. 2024 from:			Percent change to Feb. 2024 from:		
		Mar. 2023	Jan. 2024	Feb. 2024	Feb. 2023	Dec. 2023	Jan. 2024
U.S. city average	M	3.5	1.3	0.6	3.2	1.2	0.6
Region and area size(2)							
Northeast	M	3.4	1.1	0.7	2.4	1.1	0.5
Northeast - Size Class A	M	3.5	0.9	0.5	2.9	1.2	0.4
Northeast - Size Class B/C(3)	M	3.2	1.4	0.9	1.9	1.0	0.5
New England(4)	M	3.1	1.3	1.0	2.1	0.9	0.4
Middle Atlantic(4)	M	3.5	1.0	0.6	2.6	1.2	0.5
Midwest	M	2.8	1.3	0.7	2.8	0.9	0.6
Midwest - Size Class A	M	3.3	1.4	0.8	3.2	1.0	0.6
Midwest - Size Class B/C(3)	M	2.6	1.2	0.6	2.5	0.8	0.5
East North Central(4)	M	2.6	1.2	0.7	2.6	0.9	0.5
West North Central(4)	M	3.4	1.4	0.6	3.0	0.9	0.8
South	M	3.8	1.4	0.4	3.7	1.5	0.9
South - Size Class A	M	3.9	1.3	0.4	4.1	1.2	0.9
South - Size Class B/C(3)	M	3.7	1.4	0.5	3.5	1.6	0.9
South Atlantic(4)	M	3.9	1.4	0.4	3.9	1.4	1.0
East South Central(4)	M	4.0	1.6	0.7	3.5	1.7	0.9
West South Central(4)	M	3.6	1.1	0.3	3.5	1.5	0.8
West	M	3.6	1.3	0.9	3.2	1.0	0.4
West - Size Class A	M	3.6	1.2	0.6	3.2	1.1	0.6
West - Size Class B/C(3)	M	3.6	1.3	1.1	3.2	0.9	0.2
Mountain(4)	M	2.5	1.0	0.9	2.5	0.7	0.2
Pacific(4)	M	4.0	1.3	0.9	3.5	1.2	0.5
Size classes							
Size Class A(5)	M	3.6	1.2	0.5	3.4	1.1	0.6
Size Class B/C(3)	M	3.4	1.3	0.7	3.0	1.2	0.6
Selected local areas							
Chicago-Naperville-Elgin, IL-IN-WI	M	3.1	1.1	0.6	3.4	1.3	0.5

Footnotes

(1) Foods, fuels, and several other items are priced every month in all areas. Most other goods and services are priced as indicated: M - Every month. 1 - January, March, May, July, September, and November. 2 - February, April, June, August, October, and December.

(2) Regions defined as the four Census regions.

(3) Indexes on a December 1996=100 base.

(4) Indexes on a December 2017=100 base.

(5) Indexes on a December 1986=100 base.

(6) 1998 - 2017 indexes based on substantially smaller sample.

(7) Indexes on a December 2001=100 base.

(8) Indexes on a 1987=100 base.

NOTE: Local area indexes are byproducts of the national CPI program. Each local index has a smaller sample size than the national index and is, therefore, subject to substantially more sampling and other measurement error. As a result, local area indexes show greater volatility than the national index, although their long-term trends are similar. Therefore, the Bureau of Labor Statistics strongly urges users to consider adopting the national average CPI for use in their escalator clauses.

Area	Pricing Schedule ⁽¹⁾	Percent change to Mar. 2024 from:			Percent change to Feb. 2024 from:		
		Mar. 2023	Jan. 2024	Feb. 2024	Feb. 2023	Dec. 2023	Jan. 2024
Los Angeles-Long Beach-Anaheim, CA	M	4.0	1.2	0.7	3.4	1.5	0.5
New York-Newark-Jersey City, NY-NJ-PA	M	3.4	0.6	0.4	2.9	1.2	0.2
Atlanta-Sandy Springs-Roswell, GA	2				3.3	1.3	
Baltimore-Columbia-Towson, MD ⁽⁶⁾	2				2.6	1.7	
Detroit-Warren-Dearborn, MI	2				2.8	0.2	
Houston-The Woodlands-Sugar Land, TX	2				3.5	1.0	
Miami-Fort Lauderdale-West Palm Beach, FL	2				4.9	1.4	
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	2				3.4	1.6	
Phoenix-Mesa-Scottsdale, AZ ⁽⁷⁾	2				2.2	0.7	
San Francisco-Oakland-Hayward, CA	2				2.4	1.5	
Seattle-Tacoma-Bellevue, WA	2				4.3	1.2	
St. Louis, MO-IL	2				3.6	1.6	
Urban Alaska	2				1.7	0.1	
Boston-Cambridge-Newton, MA-NH	1	3.3	1.5				
Dallas-Fort Worth-Arlington, TX	1	4.9	0.9				
Denver-Aurora-Lakewood, CO	1	2.8	0.7				
Minneapolis-St. Paul-Bloomington, MN-WI	1	2.7	0.6				
Riverside-San Bernardino-Ontario, CA ⁽⁴⁾	1	4.3	1.4				
San Diego-Carlsbad, CA	1	3.6	0.8				
Tampa-St. Petersburg-Clearwater, FL ⁽⁸⁾	1	3.7	0.9				
Urban Hawaii	1	4.8	1.5				
Washington-Arlington-Alexandria, DC-VA-MD-WV ⁽⁶⁾	1	3.4	1.0				

Footnotes

⁽¹⁾ Foods, fuels, and several other items are priced every month in all areas. Most other goods and services are priced as indicated: M - Every month, 1 - January, March, May, July, September, and November. 2 - February, April, June, August, October, and December.

⁽²⁾ Regions defined as the four Census regions.

⁽³⁾ Indexes on a December 1996=100 base.

⁽⁴⁾ Indexes on a December 2017=100 base.

⁽⁵⁾ Indexes on a December 1986=100 base.

⁽⁶⁾ 1998 - 2017 indexes based on substantially smaller sample.

⁽⁷⁾ Indexes on a December 2001=100 base.

⁽⁸⁾ Indexes on a 1987=100 base.

NOTE: Local area indexes are byproducts of the national CPI program. Each local index has a smaller sample size than the national index and is, therefore, subject to substantially more sampling and other measurement error. As a result, local area indexes show greater volatility than the national index, although their long-term trends are similar. Therefore, the Bureau of Labor Statistics strongly urges users to consider adopting the national average CPI for use in their escalator clauses.

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Last Modified Date: April 10, 2024

AGENDA ACTION ITEM NO. 4

DRAFT 2024-2025 BUDGET

RECOMMENDED ACTION: No action is required; information only.

BACKGROUND: The Budget is presented for review; it will be brought back in June for formal adoption.

SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT

PRELIMINARY BUDGET - FISCAL YEAR 2024-2025

ACCT NO.	UNRESTRICTED REVENUE GENERAL OPERATIONS	2022-2023 YEAR END	2023-2024 BUDGET	PROJECTED YEAR END	2024-2025 BUDGET	NOTES
3002	Tax Revenue (Gen. 1%)	5,331,806	5,200,000	5,946,665	6,000,000	
3003	Water Sales	1,350,726	4,465,000	4,984,992	2,000,000	
3004	Interest Revenue	555,053	425,000	900,000	1,000,000	
3005	Ready-To-Serve	11,880	11,880	11,880	11,880	
3006	RDA Prop Tax Trust Fund (AB1x)	915,905	900,000	822,324	700,000	
3008	SBVMWD Pipe Mtn Revenue Schedule 6	13,373	30,000	22,789	30,000	
TOTAL GENERAL OPERATIONS REVENUE		8,178,743	11,031,880	12,688,650	9,741,880	
POWER REVENUE SALES						
3210	Hydro Power Sales	\$ 29,810	50,000	220,052	50,000	
TOTAL POWER REVENUE SALES		29810	50000	220,052	50,000	
RESTRICTED REVENUE - SWP						
3306	Tax Revenue - State Water Project	9,927,672	9,800,000	9,972,337	10,000,000	
TOTAL RESTRICTED REVENUE - SWP		9,927,672	9,800,000	9,972,337	10,000,000	
3400	Grants-DWR	0	0	0	0	
3401	Grants - State Water Board & Reclamation	0	0	0	0	
TOTAL INCOME		18,136,225	20,881,880	22,881,039	19,791,880	
GENERAL OPERATING EXPENSES						
4001	Directors Fees	28,400	35,000	56,200	60,000	
4010	Administrative Salaries	325,525	315,057	345,352	315,057	
4014	Field Supervision	194,812	213,584	234,730	224,259	
4020	Office Salaries	235,750	238,439	236,264	245,244	
4021	External Affairs Manager	140,951	144,345	142,926	146,800	
4022	Part-Time Employee	9,521	10,370	0	0	
4023	External Affairs Specialist	-	76,170	77,634	79,980	
4027	Office Supply/Misc Expense	28,161	44,000	29,444	44,000	
4029	Election Expense	100	0	0	82,000	
4031	Legal Services	30,030	50,000	30,948	50,000	
4032	SWC Services	42,396	45,000	45,176	47,000	
4033	Public Relations & Conservation Materials	131,063	135,000	52,673	135,000	
4034	Governmental Relations Consulting	96,116	96,500	97,705	98,000	
4035	Consulting & Engineering	458,843	1,222,520	1,036,755	1,000,000	
4036	Medicare Tax	16,850	19,703	19,661	19,703	
4039	PERS Payroll Deductions	836,300	674,050	623,460	357,829	
4040	Social Security	60,837	64,294	71,917	73,000	

ACCT NO.	Page 2 ACCOUNT DESCRIPTION	2022-2023 YEAR END	2023-2024 BUDGET	PROJECTED YEAR END	2024-2025 BUDGET	
4041	State Compensation Insurance	17,411	19,000	16,625	19,000	
4042	State Unemployment	1,257	1,681	1,474	1,681	
4043	Health Insurance	358,188	384,000	369,468	384,000	
4044	Dental & Vision Benefit	64,255	92,000	77,935	92,000	
4045	Liability, Cas & Ind Insur.	46,339	55,000	51,930	55,000	
4046	Blue X Employee Reimb.	97,278	90,000	68,987	90,000	
4048	Life Insurance	4,029	4,500	4,171	4,500	
4050	Dues & Associations	92,841	95,000	97,677	98,000	
4051	Travel & Conferences -Directors	5,645	25,000	17,000	25,000	
4052	Publications & Periodicals	140	300	140	300	
4053	SWC Audit Service	9,804	10,000	10,290	10,500	
4054	District Audit Service	19,424	20,000	19,769	20,000	
4055	Travel & Conferences - Staff	20,514	30,000	16,000	30,000	
4057	Tax Annual Fee	50,404	52,000	61,482	62,000	
4058	Tax Collection Fees	36,511	38,000	39,715	40,000	
4059	Property Taxes	609	650	799	850	
4060	Telephone	42,189	42,000	35,260	37,000	
4061	Electricity, Water & Gas	20,657	20,000	20,262	22,000	
4063	Safety Program	6,332	20,000	5,373	20,000	
4065	Water Conservation Rebate Program	195,648	295,000	137,071	295,000	
4067	OPEB	480,000	680,000	680,000	780,000	
4090	SWP Transportation Cost Variable	23,220	5,800,000	4,000,000	4,500,000	
4093	Uniform Rental-Cleaning	2,493	4,000	2,834	4,000	
4095	Vehicle Maint/Operating Expense	29,605	30,000	33,262	34,000	
4096	Communication Expense/Security	9,188	9,500	9,513	9,800	
4099	Facility Maintenance	35,490	30,000	36,823	30,000	
4100	Field Salaries	296,240	292,165	280,981	311,171	
4108	Grounds Maint & Materials	31,852	33,000	34,982	58,883	
4113	Pipeline Maintenance & Materials	37,579	50,000	34,763	50,000	
4114	SCADA Maintenance	13,300	10,000	17,922	10,000	
4120	Grants	476,541	2,120,553	217,285	2,000,000	
	TOTAL UNRESTRICTED G. O. EXPENSES	5,160,638	13,737,381	9,500,638	12,072,557	

ACCT NO.	Page 3 ACCOUNT DESCRIPTION	2022-2023 YEAR END	2023-2024 BUDGET	PROJECTED YEAR END	2024-2025 BUDGET	
SCHEDULE VI - RIVERSIDE FACILITY						
4300	Salaries - Riverside	6,410	16,803	4,416	6,500	
4301	Riverside Maintenance & Materials	3,962	28,300	14,981	6,000	
TOTAL RIVERSIDE FACILITY		10,372	45,103	19,397	12,500	
HYDRO EXPENSES						
4402	Hydro Salaries	3,441	9,523	13,562	15,000	
4403	Hydro Maintenance & Materials	4,110	13,500	15,379	25,000	
4406	SCE Hydro (8800)	5,624	10,000	7,975	10,000	
TOTAL HYDRO EXPENSES		13,175	33,023	36,916	50,000	
RESTRICTED EXPENSE - SWP						
4510	State Project Expense	8,132,695	7,700,000	8,610,539	8,800,000	
4511	State Project Amortization	96,403	97,000	96,408	97,000	
4591	State Project Cost of Water Adjustment Pr Yr	(25,009)	0	70,099	0	
TOTAL RESTRICTED SWP EXP		8,204,089	7,797,000	8,777,046	8,897,000	
TOTAL EXPENSE		13,388,274	21,612,507	18,333,997	21,032,057	

SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT

RECAP				
TOTAL REVENUE	18,136,225	20,881,880	22,881,039	19,791,880
TOTAL EXPENSE	13,388,274	21,612,507	18,333,997	21,032,057
GAIN (LOSS)	4,747,950	(730,627)	4,547,042	(1,240,177)
FUNDS TRANSFERED FROM RESERVES	0	(730,627)	0	1,240,177
NET INCOME	4,747,950	0	4,547,042	0

SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT
PRELIMINARY MAJOR CAPITAL EXPENDITURES
2024-2025 BUDGET

[illegible]

AGENDA ACTION ITEM NO. 5

CHANGE ORDER FOR T.E. ROBERTS

RECOMMENDED ACTION: Approve the change order totaling \$35,507.51.

BACKGROUND: T.E. Roberts, at the District's request, excavated pipe segment 940 and removed the mortar to expose the bar wrap and pipe cylinder to allow PICA Corp. to conduct external validation testing at the location where internal validation work was conducted in December.

BUDGET IMPACT: This project is included in the Capital Expenditures for the current budget adopted June 1, 2023. The total amount budgeted is \$2,530,000. The total contract costs including current change orders is \$2,069,256.68.



T. E. Roberts, Inc.
17771 Mitchell North
Irvine CA 92614
714 669-0072

Change Order

Order#: 4

Order Date: 03/28/2024

License: 603008

To: San Gabriel Valley Municipal Water District
Attn: Accounts Payable
1402 N. Vosburg Drive
Azusa CA 91702

Project: 6229

SGVMWD DCAP SCH Continuity Bonding & I
Sierra Madre Ave, Azusa
SMadre, Barranca, Leodora, PA, Whitcomb, Wal
Glenwood, Rt 66 in Glendora CA.

The contractor agrees to perform and the owner agrees to pay for the following changes to this contract.

Plans Attached ☐

Ordered By: 1266 Katie Todd

Customer Order: 2580

Specifications Attached ☒

Description of Work	Amount
CO#4 (COR#4) Pica Testing @ 507 N. Barranca Ave.	
COR#4 - Pica Testing @ 507 N. Barranca Ave.	
03/07/2024 (Thursday) Potholing - Arrived on job site and set up traffic control. Marked out work area. Excavated asphalt and began potholing 30-inch water main along with other conflicting lines. Used backhoe to excavate down 11-ft. on the side of the 30-inch main. Secured trench with shoring jacks and plywood. Chipped mortar from the 30-inch main exposing the bar wrap and steel pipe. Covered the excavated area with steel plates. Placed temporary asphalt around the plates, welded them together, and anchored them securely in place. Cleaned up and secured job site. Took down traffic control.	17,580.73
03/08/2024 (Friday) Pica Testing - Arrived on job site and set up traffic control.	
Negative changes will lower the overall contract price requiring no additional payment by owner.	
Requested Amount of Change	35,507.51
The original Contract Sum was	2,031,257.00
Net change by previous Change Orders	-15,648.84
The Contract Sum prior to this Change Order	2,015,610.16
The Contract Sum will be changed by this Change Order	35,507.51
The new Contract Sum including this Change Order will be	2,051,117.67
The Contract Time will be changed by	4 Days

Owner: _____ Date: _____

Contractor: _____ Date: _____

Change Order

Continued...

Order: 4

Date: 04/03/2024

Description of Work	Amount
Pulled steel plates. Finished chipping mortar from the 30-inch water main. Exposed a 2-ft X 2-ft. section of bar wrap and steel pipe. Removed any excess mortar off of the pipe. Pica ran their test, and TER was able to patch the 30-inch main after the test was completed. Plated trench, welded plates together and anchored them securely in place. Cleaned up and secured job site. Took down traffic control.	4,848.44
03/11/2024 (Monday) Backfill Arrived on job site and set up traffic control. Pulled steel plates. Removed shoring jacks and plywood from the trench. Backfilled with slurry to bottom of asphalt. Plated trench, welded plates together and anchored them securely in place. Cleaned up and secured job site. Took down traffic control.	6,962.74
03/14/2024 (Thursday) Base Pave/ Grind and Cap Arrived on job site and set up traffic control. Base paved 54-sf at 5-inches thick. Grind and capped 88-sf at 2-inches thick. Cleaned up and secured job site. Took down traffic control.	6,115.60



Change Order Request No. 4

Date: **03/28/2024**

17771 Mitchell North
Irvine, CA 92614
Phone (714) 669-0072 Fax (714) 200-0241

Pica Testing

Location: 507 N. Barranca Ave.

To: **San Gabriel Valley Municipal Water District**
1402 N. Vosburgh Drive
Azusa, CA 91702
Attn: Steven M. Walker swalker@civiltec.com

**SGVMWD #6229 - Devil Canyon Azusa Pipeline SCH#1 Continuity Bonding &
Corrosion Assessment Validation Project (PO#2580)**

DESCRIPTION	QUANTITY	UOM	Unit \$	TOTAL
03/07/2024 (Thursday) Potholing - Arrived on job site and set up traffic control. Marked out work area. Excavated asphalt and began potholing 30-inch water main along with other conflicting lines. Used backhoe to excavate down 11-ft. on the side of the 30-inch main. Secured trench with shoring jacks and plywood. Chipped mortar off the 30-inch main exposing the bar wrap and steel pipe. Covered the excavated area with steel plates. Placed temporary asphalt around the plates, welded them together, and anchored them securely in place. Cleaned up and secured job site. Took down traffic control.	1	LS	17,580.73	17,580.73
03/08/2024 (Friday) Pica Testing - Arrived on job site and set up traffic control. Pulled steel plates. Finished chipping mortar off of the 30-inch water main. Exposed a 2-ft. X 2-ft. section of bar wrap and steel pipe. Removed any excess mortar off of the pipe. Pica ran their test, and TER was able to patch the 30-inch main after the test was completed. Plated trench, welded plates together and anchored them securely in place. Cleaned up and secured job site. Took down traffic control.	1	LS	4,848.44	4,848.44

03/11/2024 (Monday) Backfill - Arrived on job site and set up traffic control. Pulled steel plates. Removed shoring jacks and plywood from the trench. Backfilled with slurry to bottom of asphalt. Plated trench, welded plates together and anchored them securely in place. Cleaned up and secured job site. Took down traffic control.	1	LS	6,962.74	6,962.74
03/14/2024 (Thursday) Base Pave / Grind & Cap - Arrived on job site and set up traffic control. Base paved 54-sf at 5-inches thick. Grind and capped 88-sf at 2-inches thick. Cleaned up and secure job site. Took down traffic control.	1	LS	6,115.60	6,115.60
			Days Ext. (4)	TOTAL
				\$35,507.51

T.E. Roberts, Inc.

BY: _____
T.E. Roberts, Inc.

THANK YOU FOR YOUR BUSINESS!



17771 Mitchell North
Irvine, CA 92614

COR	#4	Job#	SGVMWD - Devil
		6229	Canyon Azusa
POR 2580		Steve Kiggins	
		Days Ext:	1

DATE: 3/7/2024

LOCATION: 507 N. Barranca Ave.

DETAILS: (Thursday) Potholing - Arrived on job site and set up traffic control. Marked out work area. Excavated asphalt and began potholing 30-inch water main along with other conflicting lines. Used backhoe to excavate down 11-ft. on the side of the 30-inch main. Secured trench with shoring jacks and plywood. Chipped mortar off the 30-inch main exposing the bar wrap and steel pipe. Covered the excavated area with steel plates. Placed temporary asphalt around the plates, welded them together, and anchored them securely in place. Cleaned up and secured job site. Took down traffic control.

TYPE										TOTAL(S)
LABOR	ST RATE	ST HRS	ST AMT	OT RATE	OT HRS	OT AMT	DT RATE	DT HRS	DT AMT	TOTAL
OE FOREMAN	6.00	140.58	6.00	843.48	210.87	-	281.16	-	-	843.48
LABOR FOREMAN	10.00	109.09	8.00	872.72	163.64	2.00	327.27	218.18	-	1,199.99
PIPELAYER/Asphalt wkr (2)	9.50	105.59	6.50	686.34	158.39	3.00	475.16	211.18	-	1,161.49
LABORER (4)	28.00	101.65	26.00	2,642.90	152.48	2.00	304.95	203.30	-	2,947.85
LABOR APPRENTICE (1)	3.00	79.77	3.00	239.31	119.66	-	159.54	-	-	239.31
TRUCK DRIVER	13.50	107.26	8.00	858.08	160.89	4.00	643.56	214.52	1.50	1,823.42
EQPT OPERATOR (2)	12.00	136.12	12.00	1,633.44	204.18	-	272.24	-	-	1,633.44
HDD LABORER	8.50	122.74	8.00	981.92	184.11	0.50	92.06	245.48	-	1,073.98
	90.50	77.50			11.50			1.50	-	
										LABOR TOTAL \$10,922.96
EQUIPMENT										
SERVICE TRUCK (2)	54.10	16.00	865.60							865.60
PICK UP TRUCK	42.77	6.00	256.62							256.62
BACKHOE	89.25	3.00	267.75							267.75
DUMP TRUCK, 10-WHEEL	98.07	13.50	1,323.95							1,323.95
STEEL PLATES/DAY (3)	7.65	3.00	22.95							22.95
SHORING (HYDR JACK-2)/DAY (3)	9.74	3.00	29.22							29.22
DELINEATORS/ SIGNS (4)	0.35	40.00	14.00							14.00
TRAFFIC CONES (15)	0.35	150.00	52.50							52.50
VACTOR TRUCK	267.78	8.50	2,276.13							2,276.13
EQUIPMENT TRAILER	22.56	13.50	304.56							304.56
										EQPT TOTAL \$5,413.28
SUBCONTRACTOR										
						Sub Total	Tax	Total	5%	TOTAL
						SUBCONTRACTOR TOTAL				\$0.00



COR	#4	Job#	SGVMWD - Devil
		6229	Canyon Azusa
PO# 2580		Steve Kiggins	
		Days Ext:	1

DATE: 3/7/2024
 LOCATION: 507 N. Barranca Ave.

DETAILS: (Thursday) Potholing - Arrived on job site and set up traffic control. Marked out work area. Excavated asphalt and began potholing 30-inch water main along with other conflicting lines. Used backhoe to excavate down 11-ft. on the side of the 30-inch main. Secured trench with shoring jacks and plywood. Chipped mortar off the 30-inch main exposing the bar wrap and steel pipe. Covered the excavated area with steel plates. Placed temporary asphalt around the plates, welded them together, and anchored them securely in place. Cleaned up and secured job site. Took down traffic control.

TYPE	TOTAL(S)			
MATERIAL	Sub Total	Tax	AMOUNT	15% TOTAL
T.E.R. Yard Stock - (Items Below)				
(1-ton) Cold mix 3/8 SC8 *includes taxes*	120.31	-	120.31	18.05 138.36
			MATERIAL TOTAL	\$138.36
EQUIPMENT RENT	Sub Total	Tax	AMOUNT	13% TOTAL
			EQ RENT TOTAL	\$0.00
DUMP FEES	Sub Total	Tax	AMOUNT	10% TOTAL
Vac Truck - (1) Dump & Wash Out	555.00	-	555.00	55.50 610.50
			DUMP FEE TOTAL	\$610.50

SUB TOTAL	\$17,085.09
1% - Bond	\$170.85
6% Fuel Surcharge	\$324.80
GRAND TOTAL	\$17,580.73

3/11/24
received



17771 Michell North
Irvine, CA 92614
T: 714-869-0072
F: 714-200-0241
LICENSER 603008
www.te-roberts.com

No. Cor #4

FIELD CHANGE ORDER

TO: SGVMWD

ATTN: Terry

DATE: 3/7/24 Thursday

JOB TITLE: Pica Testing

JOB NUMBER: 6229

LOCATION: 507 N Barranca St.

LABOR:

	RT	OT	OT TOTAL
Nick Pedersen L/Fm ✓	8.2	-	10
Joel T. Hoo ✓	8.5	-	8.5
Dave R. DE ✓	6.5	-	6.5
Corey R. DE ✓	6.5	-	6.5
Aziz m. LI ✓	6.5	-	6.5
Pablo C. LI ✓	6.5	-	6.5
Zack B. LI ✓	6.5	-	6.5
TOTALS			

	RT	OT	OT TOTAL
Valentin V. PLX ✓	3.1.5	-	4.5
Chris H Jr. LI ✓	8.2	-	10
John P. PL X ✓	4.5	-	5
Joseph R. CHZ X ✓	3	-	3
Joerwell Senior T ✓	8.5	1.5	10.5
Joel P. ✓	6.5	-	6.5
Steven B. DE ✓	6.5	-	6.5
TOTALS	72.5	1.5	90.50

EQUIPMENT

EQPT NO.	DESCRIPTION	HOURS
2	crew Trucks (1) Plu	8.22 ✓
1	vac Truck	8.5 ✓
1	Backhoe	3 ✓
1	10 wheel Dump Truck	13.5 ✓
1	Equipment Trailer	13.5 ✓
4	Road Signs	10 ✓
4	Plywood <u>NIC</u> start date 3/7/24 ✓	
3	Shoring Jacks	1 ✓
3	Steel plates	1 ✓
15	cones	10 ✓

MATERIALS, SUBCONTRACTORS, RENTAL EQUIPMENT:

QTY	DESCRIPTION	VENDOR
1 ton	Temp Asphalt	T.E. Roberts
	T.E.R. YARD STOCK	120.31 ✓

DESCRIPTION OF WORK, CHANGES, AND COMMENTS:

Set up traffic control and marked out work area. Removed asphalt and began patching 30" water main and other conflicting lines. Used backhoe to dig down 11' on the side of 30" main. Secured hole with shoring jacks and plywood. Began chipping mortar off the 30" main exposing the bar cap and steel pipe. Cleaned up work area and set steel plates over open hole. Put temp asphalt around plates, welded them together and pinned them down.

Contract Time Extension: _____ Calendar Days

Signed: _____

Printed Name: _____

Company: _____

Signed: Nick Plu

Printed Name: Nick Pedersen

T.E. Roberts, Inc.



** Pricing Only **

SHIP TO:
**FINE & LOCUST
 FONTANA
 FOB SAN BERNARDINO*
 FOB SAN BERNARDINO
 SAN BERNARDINO, CA 92407**

SOLD TO:
**ROBERTS INC / T E
 17771 MITCHELL NORTH
 IRVIN, CA 92614**

To ensure proper credit, please include remittance or list invoice numbers on your check remittance and remit to:

**Calmat Co dba Vulcan Materials Co
 Lockbox 55572
 Los Angeles, CA 90074-5572, US
 Phone: 1-800-777-8752 or
 help@vmcmail.com**

**CUSTOMER NO: 99442-219456
 INVOICE NO: 73924999
 INVOICE DATE: 02/28/2024
 INVOICE AMT: 1,928.46
 ORDER: 804582
 DUE DATE: 03/15/2024**

INVOICE

Invoices not paid according to our credit terms will be assessed a Finance Charge. Customer shall pay all cost of collection including but not limited to a reasonable attorney's fee for services rendered by suit or otherwise in collecting past due invoices.				TAXES: CALIFORNIA 6.00% SAN BERNARDINO 1.25% TRANSACTIONS AND USE TAX 1.00% TRANSPORTATION AUTHORITY 0.50%		PERCENT: 6.00% 1.25% 1.00% 0.50%		AMOUNT: 106.39 22.17 17.73 8.87		SALES TAX: 155.16		TOTAL PRODUCT: 1,783.38		Pay this AMOUNT: \$1,928.46	
TOTAL QUANTITY: 16.03				TOTAL LOADS: 1.00				TOTAL FREIGHT: 0.00				TOTAL OTHER: 10.00			
SALES REP: 11728 Nancy Von Mueggel				PO NUMBER: 6247				REF:				CONTRACT NO.			
INVOICE # 73924999				INVOICE DATE 02/28/2024				CUSTOMER NUMBER 99442-219456				LOCATION 4947-221			
LOCATION SAN BERNARDINO HMA				ORDER 804582				BILL OF LADING				PICKUP			
TERMS NET15THPROX - Payable in 15 days by the 15th of each month following month of shipment															
TICKET DETAIL															
SHIP DATE	TICKET	VEHICLE	CLASS	PROD CODE	DESCRIPTION	UOM	QTY	PRICE	UOM	QTY	PRICE	UOM	QTY	PRICE	AMOUNT
02/23/2024	16138130	1194	STANDARD STANDARD	432501 ENVFEE	COLD MIX 5/6 SCA Environmental Fee - Agt & Asphalt	T	16.03	119.00							1,928.46
$\$1,928.46 \div 16.03 \text{ tons} = \$120.31/\text{ton}$															

SAVE TIME AND SAVE A TREE WITH EMAIL INVOICE DELIVERY!

Receive your invoice faster and help save the environment by enrolling in our email invoicing service. With email, invoices are sent in one easy to open file directly to your inbox. To sign up, contact us at help@vmcmail.com or call us at 1-800-777-8752.



17771 Mitchell North
Irvine, CA 92614

COR	#4	Job#	SGVMWD - Devil
		6229	Canyon Azusa
POR 2580		Steve Kiggins	
		Days Ext:	1

DATE: 3/8/2024

LOCATION: 507 N. Barranca Ave.

DETAILS: (Friday) Pica Testing - Arrived on job site and set up traffic control. Pulled steel plates. Finished chipping mortar off of the 30-inch water main. Exposed a 2-ft. X 2-ft. section of bar wrap and steel pipe. Removed any excess mortar off of the pipe. Pica ran their test and we were able to patch the 30-inch main after the test was completed. Plated trench, welded plates together and anchored them securely in place. Cleaned up and secured job site. Took down traffic control.

TYPE										TOTAL(S)
LABOR										TOTAL
LABOR FOREMAN	7.00	109.09	7.00	763.63	163.64	-	218.18	-	-	763.63
PIPELAYER/Asphalt wkr (3)	19.50	105.59	19.50	2,059.01	158.39	-	211.18	-	-	2,059.01
LABORER	7.00	101.65	7.00	711.55	152.48	-	203.30	-	-	711.55
LABOR APPRENTICE	7.00	79.77	7.00	558.39	119.66	-	159.54	-	-	558.39
	40.50		40.50			-		-	-	
										LABOR TOTAL \$4,092.58
EQUIPMENT										
SERVICE TRUCK		54.10	7.00	378.70						378.70
BACKHOE		89.25	2.00	178.50						178.50
STEEL PLATES/DAY (3)		7.65	3.00	22.95						22.95
SHORING (HYDR JACK-2)/DAY (3)		9.74	3.00	29.22						29.22
DELINEATORS/ SIGNS (4)		0.35	28.00	9.80						9.80
TRAFFIC CONES (20)		0.35	140.00	49.00						49.00
										EQPT TOTAL \$668.17
SUBCONTRACTOR						Sub Total	Tax	Total	5%	TOTAL
						SUBCONTRACTOR TOTAL				\$0.00
MATERIAL						Sub Total	Tax	AMOUNT	15%	TOTAL
						MATERIAL TOTAL				\$0.00
EQUIPMENT RENT						Sub Total	Tax	AMOUNT	13%	TOTAL
						Sub Total	Tax	AMOUNT	10%	TOTAL
DUMP FEES						DUMP FEE TOTAL				\$0.00



COR	#4	Job#	SGVMWD - Devil
		6229	Canyon Azusa
PO# 2580		Steve Kiggins	
		Days Ext:	1

DATE: 3/8/2024
LOCATION: 507 N. Barranca Ave.

DETAILS: (Friday) Pica Testing - Arrived on job site and set up traffic control. Pulled steel plates. Finished chipping mortar off of the 30-inch water main. Exposed a 2-ft. X 2-ft. section of bar wrap and steel pipe. Removed any excess mortar off of the pipe. Pica ran their test and we were able to patch the 30-inch main after the test was completed. Plated trench, welded plates together and anchored them securely in place. Cleaned up and secured job site. Took down traffic control.

TYPE	TOTAL(S)	
	SUB TOTAL	\$4,760.75
	1% - Bond	\$47.61
	6% Fuel Surcharge	\$40.09
	GRAND TOTAL	\$4,848.44

10: 50V MW

ATTN: Terry

DATE: 5/8/24 Friday

JOB TITLE: Pipe Testing

JOB NUMBER: 6229

LOCATION: 507 N Barranca St.

LABOR:

	RT	OT	DT	TOTAL
Nick P. LFM ✓	7	-	-	7 ✓
Brandon M. PL	6.5	-	-	6.5 ✓
Valentin Y. PL ✓	6.5	-	-	6.5 ✓
Chris H. Jr. L	7	-	-	7 ✓
John P. ~~PL~~ ~~PL~~ PL	6.5	-	-	6.5 ✓
Joseph R. LAZ	7	-	-	7 ✓
TOTALS	40.5	-	-	40.5 ✓

RT OT DT TOTAL

TOTALS

EQUIPMENT:

EQPT NO.	DESCRIPTION	HOURS
1	Crew Truck	7 ✓
1	Backhoe	2 ✓
20	cones	7 ✓
4	Road signs	7 ✓
3	steel plates	1-DAY ✓
4	Plywood M/C	1-DAY ✓
3	Shoring Jacks	1-DAY ✓

MATERIALS, SUBCONTRACTORS, RENTAL EQUIPMENT:

QTY	DESCRIPTION	VENDOR

DESCRIPTION OF WORK, CHANGES, AND COMMENTS:

set up traffic control and removed steel plates. Continued and finished chipping mortar. Exposed a 2'x2' of bar wrap and steel main. Wire wheeled the pipe to get any excess mortar off. Pipe ran there test and we were able to patch the 30" main after test was complet. cleaned up work area and set steel plates back over the hole. welded plates together and pinned them.

Contract Time Extension: _____ Calendar Days

Signed: _____

Printed Name: _____

Company: _____

Signed: *Nick Pederen*

Printed Name: *Nick Pederen*

T.E. Roberts, Inc.



COR	#4	Job#	SGVMWD - Devil
		6229	Canyon Azusa
PO# 2580		Steve Kiggins	
		Days Ext:	1

DATE: 3/11/2024

LOCATION: 507 N. Barranca Ave.

DETAILS: (Monday) Backfill - Arrived on job site and set up traffic control. Pulled steel plates. Removed shoring jacks and plywood from the trench. Backfilled with slurry to bottom of asphalt. Plated trench, welded plates together and anchored them securely in place. Cleaned up and secured job site. Took down traffic control.

TYPE	TOTAL(S)										
LABOR	ST RATE	ST HRS	ST AMT	OT RATE	OT HRS	OT AMT	DT RATE	DT HRS	DT AMT	TOTAL	
LABOR FOREMAN	3.50	109.09	3.50	381.82	163.64	-	218.18	-	-	381.82	
PIPELAYER/Asphalt wkr (2)	7.00	105.59	7.00	739.13	158.39	-	211.18	-	-	739.13	
LABORER	3.50	101.65	3.50	355.78	152.48	-	203.30	-	-	355.78	
LABOR APPRENTICE	3.50	79.77	3.50	279.20	119.66	-	159.54	-	-	279.20	
	17.50		17.50			-		-	-		
LABOR TOTAL										\$1,755.92	
EQUIPMENT											
SERVICE TRUCK		54.10	3.50	189.35						189.35	
BACKHOE		89.25	1.00	89.25						89.25	
STEEL PLATES/DAY (3)		7.65	3.00	22.95						22.95	
SHORING (HYDR JACK-2)/DAY (3)		9.74	3.00	29.22						29.22	
DELINEATORS/ SIGNS (4)		0.35	14.00	4.90						4.90	
TRAFFIC CONES (20)		0.35	70.00	24.50						24.50	
EQPT TOTAL										\$360.17	
SUBCONTRACTOR						Sub Total	Tax	Total	5%	TOTAL	
						SUBCONTRACTOR TOTAL					\$0.00
MATERIAL						Env. & Surchg. Fee	Sub Total	Tax	AMOUNT	15%	TOTAL
Robertson's Ready Mix Concrete - Inv #421157 (Items Below)											
(20-cy) 1.0sk slurry						140.00	3,430.00	365.93	3,935.93	590.39	4,526.32
(1) Disposal fee							200.00	-	200.00	30.00	230.00
						MATERIAL TOTAL					\$4,756.32
EQUIPMENT RENT						Sub Total	Tax	AMOUNT	13%	TOTAL	
						EQ RENT TOTAL					\$0.00
DUMP FEES						Sub Total	Tax	AMOUNT	10%	TOTAL	
						DUMP FEE TOTAL					\$0.00
SUB TOTAL										\$6,872.40	



COR	#4	Job#	SGVMWD - Devil
		6229	Canyon Azusa
PO# 2580		Steve Kiggins	
		Days Ext:	1

DATE: 3/11/2024

LOCATION: 507 N. Barranca Ave.

DETAILS: (Monday) Backfill - Arrived on job site and set up traffic control. Pulled steel plates. Removed shoring jacks and plywood from the trench. Backfilled with slurry to bottom of asphalt. Plated trench, welded plates together and anchored them securely in place. Cleaned up and secured job site. Took down traffic control.

TYPE

TOTAL(\$)

1% - Bond	\$68.72
6% Fuel Surcharge	\$21.61
GRAND TOTAL	\$6,962.74

17/11/16
PLANB004



17771 Mitchell North
Irvine, CA 92614
T: 714-659-0072
F: 714-200-0241
LICENSE# 603008
www.teroberts.com

FIELD CHANGE ORDER

TO: SGVMWD

DATE: 3/11/24 M
JOB TITLE: Pica Testin
JOB NUMBER: 6229
LOCATION: 507 N Ba

ATTN: Terry

LABOR:

	RT	OT	DT	TOTAL
Nick P. LHM	3.5	-	-	3.5
Valentin Y. PL	3.5	-	-	3.5
Chris H. Jr. LHM	3.5	-	-	3.5
John P. LHM	3.5	-	-	3.5
Joseph L. LHM	3.5	-	-	3.5
TOTALS	17.5	-	-	17.5

EQUIPMENT:

EQPT NO.	DESCRIPTION	HOURS
1	Crew Truck	3.5
1	Backhoe	1
20	cones	3.5
4	Road signs	3.5
3	steel plates	3
4	Plywood	3
3	shoring jacks	3

MATERIALS, SUBCONTRACTORS

QTY	DESCRIPTION
20 CY	Slurry conc
KOBALSONS INC.	#42

DESCRIPTION OF WORK, CHANGES, AND COMMENTS:

Set up traffic control and removed steel p
shoring jacks and plywood from the trench. B
with slurry to bottom of asphalt. Covered t
steel plates and welded plates together. Also
plates down.

Contract Time Extension: _____

Calendar Days

Signed: _____

Printed Name: _____

Company: _____

Signed: Nick P.

Printed Name: Nick

T.E. Roberts, Inc.

10 c

INVOICE

TERMS:
DUE 10TH OF MONTH FOLLOWING
DATE OF INVOICE

DELIVERY TICKET NO.	ARRIVE JOB	FINISH POUR	MM	QUANTITY	UNIT	DESCRIPTION	TAX	UNIT PRICE	AMOUNT
754159	9:35	9:45	10	10.00	CY	RC094N13	Y	171.50	1,715.00
754166	10:21	10:25	4	10.00	CY	RC094N13	Y	171.50	1,715.00
754166				1.00	YD	3538	N	200.00	200.00
							ENERGY SURCHG		70.00
							ENV FEE		70.00
							SUBTOTAL		3,770.00
							SALES TAX		365.93
							TOTAL MIN	ALLOWED MIN	STANDBY MIN
TOTAL QUANTITY		TERMS: INVOICES ARE DUE 10TH OF MONTH FOLLOWING DATE OF INVOICE. PAST DUE ACCOUNTS SUBJECT TO A MONTHLY SERVICE CHARGE OF 1.5%. BUYER TO PAY REASONABLE COSTS OF COLLECTION INCLUDING ATTORNEY FEES.						INVOICE TOTAL	
20.00								4,135.93	

CONTROL NUMBER 0754159

THIS IS NOT A TICKET NO.

ROBERTSON'S
Phone 800/834-7557 San Diego 800/670-1220
www.rtrmca.com
OPEN 7 DAYS



101C0754159

PLANT 13 DATE 03/11/24 CUSTOMER 11324 SOLD TO: P.E. ROBERTS INC

MATERIAL 589C4 TICKET NO. 7541591111

TX CD DELIVERY ADDRESS & INSTRUCTIONS
507 N BARRANCA ST
W LEADORA AVE
Job Phone : (760)885-7779

GLENDORA
INTO 13

(714)868-0072 LAST TKS

CUSTOMER CO. / JOB OR LOT #

ORDER NO. 552 METER READING 1000.00 TIME TYPED 8:57 TRUCK LIC NO. 81058V3

LOAD NO. 1 SLUMP 6.00 TRUCK 2297 DRIVER 7205 WUKMIR, CAMERON

ENCASEMENT

TO JOB 9:10 DRUM REVS. 150 Job-site Cylinder Test: ☐ Yes JOB START : 9:00

ON JOB 9:35 150 Water added on job at Customer's request: ☐ Yes TIME ON JOB

START POUR 9:40 150 gals to Full Ld. RATE OF X \$

FINISH POUR 9:45 RETURN CONC. ☐ Yes gals to 2/3 Ld. PER MIN. CASH ☐ Yes

LEAVE JOB 10:00 ☐ Y ☐ N gals to 1/3 Ld. PLANT MGR SIG

ARRIVE PLANT 10:20 VDS ADJ. Meter

Additional water added to this concrete will reduce its strength. Any water added exceeding the design water is at customer's own risk.

TERMS AND CONDITIONS OF SALE
Customer agrees that the described material has been chosen solely by Customer without Robertson's direction, or review of any plans or specifications relating to the project(s) where the material is to be used. Customer further agrees that it shall be solely responsible for the delivery location, and discharge/placement of material on the job site, including the on-site direction of Robertson's vehicles to the designated location. Customer's review and approval of the described material shall be evidenced by Customer's signature and/or placement of the described material on the job site. In consideration of the above, Customer releases and agrees to defend, indemnify and hold Robertson's and its employees and agents harmless from any and all losses, damages, liabilities, costs and claims asserted by Customer or any third party, arising from: (a) material being inappropriate, incompatible, improper or inconsistent with plans and specifications, or with the ground soils or conditions on the land where the material is utilized; and (b) the improvement of Robertson's vehicles upon or about the delivery location. Solely to the extent Customer fails to timely pay for the described material, in the event Robertson's retains the services of an attorney, Customer agrees to pay a time price differential of 1 1/2 % per month on any amounts owed to Robertson's for more than thirty (30) days. **Color Disclaimer:** Due to irregularities and/or inconsistency of materials Robertson's is not responsible for the results of any concrete where the coloring agent has been added at the request of the customer, either at our plant or on the job site.

LD QTY 10.00 CUM QTY 10.00 ORD QTY 20.00 PROD CODE RC094N13 MIX AND COMMODITY 1.0SK SLURRY UOM YDS UNIT PR AMT

H2O ALLOWED 800.0GAL
H2O BATCHED 290.5GAL
MOISTURE H2O 176.0GAL
MAX ADD H2O 133.5GAL
CEMENT 680.0LB
FLYASH 350.0LB
W SAND 30240.0LB

DEL. CHARGE

WEIGHMASTER CERTIFICATE
THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

ROBERTSON'S
WEIGHMASTER
Ryan Richardson

BY DEPUTY

TAX
PREVIOUS
BALANCE
SUB
TOTAL
STAND BY
CHARGE

CONCRETE DELIVERY TICKET

PO BOX 3600 CORONA, CA 92678-3600



SCAN FOR LOCATIONS

TOTAL

AGREED TO AND RECEIVED BY CUSTOMER

CONTROL
NUMBER

4166

ROBERTSON'SPhone 800/834-7557 San Diego 602/870-1220
www.rtrca.com
OPEN 7 DAYS

101C0754166

PLASTB DATE 03/11/24 CUSTOMER ID 15814 SOLD TO: E. ROBERTS INC

MARKS 368C4 TICKET NO 754166

TX CD DELIVERY ADDRESS & INSTRUCTIONS
507 N HARRANCA ST
W LEADORA AVE
Job Phone : (760)885-7779GLENDDORA
INTO 13

(714)669-0072 LAST TKS 2297

ORDER NO. 552 METER READING 1000.00 TIME TYPED 9:34 TRUCK LIC NO. 93963W1

LOAD NO. 2 SLUMP 6.00 TRUCK 1819 DRIVER 10011 DRANE, MARK

ENCASEMENT

TO JOB 9:52 DRUM REVS 110

Job-site Cylinder Test: ☐ Yes

TIME ON JOB MIN. CHECK #

ON JOB 10:21

Water added on job at

STAND BY MIN. CHECK ☐ AMOUNT BT

START POUR 10:22

gals to Full Ld.

RATE OF X S PER MIN. CASH ☐ AMOUNT BT

FINISH POUR 10:25

gals to 2/3 Ld.

PLANT MGR SIG

LEAVE JOB 10:30

gals to 1/3 Ld.

ADJ. Meter

ARRIVE PLANT 10:54 YDS 3

SIGNATURE [Signature]

Customer agrees that the described material has been chosen solely by Customer without Robertson's direction, or review of any plans or specifications relating to the project(s) where the material is to be used. Customer further agrees that it shall be solely responsible for the delivery location, and discharge/acceptance of material on the job site, including the on-site direction of Robertson's vehicles to the designated location. Customer's review and approval of the described material shall be evidenced by Customer's signature and/or placement of the described material on the job site. In consideration of the above, Customer releases and agrees to defend, indemnify and hold Robertson's and its employees and agents harmless from any and all losses, damages, liabilities, costs and claims asserted by Customer or any third party, arising from (a) material being inappropriate, incompatible, improper or inconsistent with plans and specifications, or with the ground soils or conditions on the land where the material is utilized, and (b) the movement of Robertson's vehicles upon or about the delivery location. Failure to the extent Customer fails to timely pay for the described materials, in the event Robertson's releases the services of an attorney, Customer agrees to pay a time price differential of 1 1/2 % per month on any amounts owed to Robertson's (or more than thirty (30) days). Color Disclaimer Due to irregularities and/or inconsistency of materials Robertson's is not responsible for the results of any concrete where the coloring agent has been added at the request of the customer, either at our plant or on the job site.

LD CTY 10.00 CUM CTY 20.00 ORD CTY 20.00 PROD CODE 1009413 MIX AND COMMODITY 103 UNIT PR AMT

H2O ALLOWED 600.0GAL
H2O BATCHED 270.5GAL
MOISTURE H2O 192.0GAL
MAX ADD H2O 137.5GAL
CEMENT 650.0LB
FLYASH 320.0LB
W SAND 30320.0LB

DEL. CHARGE

WEIGHMASTER CERTIFICATE
THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

ROBERTSON'S
WEIGHMASTER
Ryan Richardson

BY DEPUTY

TAX
PREVIOUS
BALANCE
SUB
TOTAL
STAND BY
CHARGE

UNIVERSITY DISTRICTS PROBES EQUATIONS POWERS COMETERS KALORIMETER LITERS MILLILITERS

CONCRETE DELIVERY TICKET
PO BOX 3600 CORONA, CA 92878-3600SCAN
FOR
LOCATIONS

TOTAL

AGREED TO AND RECEIVED BY CUSTOMER



17771 Mitchell North
Irvine, CA 92614

COR	#4	Job#	SGVMWD - Devil
		6229	Canyon Azusa
PO# 2580		Steve Kiggins	
		Days Ext:	1

DATE: 3/14/2024

LOCATION: N. Barranca Ave. & Leadora Ave.

DETAILS: (Thursday) Base Pave / Grind & Cap - Arrived on job site and set up traffic control. Base paved 54-sf at 5-inches thick. Grind and capped 88-sf at 2-inches thick. Cleaned up and secure job site. Took down traffic control.

TYPE										TOTAL(S)		
LABOR		ST RATE	ST HRS	ST AMT	OT RATE	OT HRS	OT AMT	DT RATE	DT HRS	DT AMT	TOTAL	
OE FOREMAN		4.00	140.58	4.00	562.32	210.87	-	281.16	-	-	562.32	
LABORER (3)		12.00	101.65	12.00	1,219.80	152.48	-	203.30	-	-	1,219.80	
TRUCK DRIVER		7.00	107.26	7.00	750.82	160.89	-	214.52	-	-	750.82	
EQPT OPERATOR (2)		8.00	136.12	8.00	1,088.96	204.18	-	272.24	-	-	1,088.96	
		31.00		31.00			-		-	-		
LABOR TOTAL										\$3,621.90		
EQUIPMENT												
SERVICE TRUCK		54.10	4.00	216.40							216.40	
PICK UP TRUCK		42.77	4.00	171.08							171.08	
BACKHOE		89.25	1.00	89.25							89.25	
DUMP TRUCK, 10-WHEEL		98.07	7.00	686.49							686.49	
DELINEATORS/ SIGNS (5)		0.35	24.00	8.40							8.40	
TRAFFIC CONES (10)		0.35	40.00	14.00							14.00	
GRINDER FOR BOBCAT		56.56	4.00	226.24							226.24	
DRUM ROLLER		38.21	4.00	152.84							152.84	
SKID STEER		48.78	4.00	195.12							195.12	
EQUIPMENT TRAILER		22.56	7.00	157.92							157.92	
EQPT TOTAL										\$1,917.74		
SUBCONTRACTOR							Sub Total	Tax	Total	5%	TOTAL	
							SUBCONTRACTOR TOTAL					\$0.00
MATERIAL						Env. Fees	Sub Total	Tax	AMOUNT	15%	TOTAL	
Holiday Rock - Inv #1620334 (Items Below)												
(2-tons) FOB 3/4" MM PG 64-10 asphalt						2.00	160.00	12.56	174.56	26.18	200.74	
(2-tons) FOB 1/2" MM PG 64-10 asphalt						2.00	160.00	12.56	174.56	26.18	200.74	
						MATERIAL TOTAL					\$401.49	



17771 Mitchell North
Irvine, CA 92614

COR	#4	Job#	SGVMWD - Devil
		6229	Canyon Azusa
PO# 2580		Steve Kiggins	
		Days Ext:	1

DATE: 3/14/2024

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TYPE	TOTAL(S)				
EQUIPMENT RENT	Sub Total	Tax	AMOUNT	13%	TOTAL
	EQ RENT TOTAL				\$0.00
DUMP FEES	Sub Total	Tax	AMOUNT	10%	TOTAL
	DUMP FEE TOTAL				\$0.00

SUB TOTAL	\$5,941.13
1% - Bond	\$59.41
6% Fuel Surcharge	\$115.06
GRAND TOTAL	\$6,115.60

6229



1401 N. Benson Ave., Upland, CA 91786
 Phone 909-982-1553 Fax 909-949-6315
 www.HollidayRock.com

INVOICE # 1620334

Date 3/14/2024

BILL TO
 T. E. ROBERTS, INC.
 17771 MITCHELL N.
 IRVINE, CA 92614

SHIP TO
 T. E. ROBERTS, INC.
 400 BARRANCA AVE
 GLENORA

CUSTOMER ID

PURCHASE ORDER #

CUSTOMER JOB #

TERO

6229

TICKET	ITEM NUMBER	DESCRIPTION	SHIPPED	U OF M	UNIT PRICE	EXT. PRICE
11955680	FOB-PG42	FOB 3/4" MM PG 64-10	2.00	Tons	\$80.00	\$160.00
11955681	FOB-PG54	FOB 1/2" MM PG 64-10	2.00	Tons	\$80.00	\$160.00

TOTAL STANDBY

2 TOTAL ENVIRONMENTAL FEE(S)

TOTAL YARDS/TONS

\$0.00

\$4.00

4.00

PAYMENT DUE AT THE END OF THE MONTH FOLLOWING DATE OF INVOICE. Should any litigation or other collection effort be necessary in order to collect sums due under this contract, purchaser agrees to pay and Holliday Rock Co., Inc. shall be entitled a reasonable sum as and for collection costs and attorneys' fees, whether or not litigation is pursued. Payments due and unpaid shall bear interest from the date payment is due at the rate of one and one-half percent.

SUBTOTAL	\$324.00
TAX	\$25.12
TOTAL	\$349.12

Memorandum

To: San Gabriel Valley Municipal Water District Board of Directors

Cc: Darin Kasamoto, General Manager

From: Evelyn Reyes, External Affairs Manager

Date: May 8, 2024

Subject: External Affairs Report

Rebates:

	Rain Barrel	Washing Machines	High-Efficiency Toilets	Waterless Urinals	Smart Controllers	Sprinkler Nozzles	Soil Sensor	Flow Meter Monitor
	\$35	\$85	\$40	\$150	Up to \$80	\$2 – Min. 30	Up to \$80	Up to \$100
Monthly Total	5	3	1	0	0	0	0	0
FY 23/24 Total	23	42	47	0	11	0	0	6

Irrigation Direct Install Program:

Assessed Properties	47
Waiting Install	2
Total Installed	43
Avg. cost per property	\$2,096.30

Legislative: CA Advocates will continue to monitor legislation important to the District and the State Water Contractors, and the possible water/climate resilience bond on the November statewide ballot.

Bureau of Reclamation Water Efficiency Grant: On February 22nd, the District applied for a Water Efficiency Grant to the Bureau of Reclamation. The grant request aims to secure funding for setting up a program to replace turf and for receiving additional funding for the current irrigation program that installs smart controllers and nozzles.

School Outreach: External Affairs conducted its annual water conservation outreach to our local schools in April and May. We distributed conservation materials to 16 schools within our service area, engaging more than 4,000 students in 3rd, 4th, and 5th grade.

Upcoming events:

City of Sierra Madre – Public Works Day

Date: Saturday, May 18

Time: 9 am to 12 pm

Location: City Yard, 621 Sierra Madre Blvd., Sierra Madre

City of Monterey Park – Public Works Day

Date: Thursday, May 23

Time: 11 am to 1:30 pm

Location: 751 S. Alhambra Ave., Monterey Park

City of Sierra Madre – Mt. Wilson Trail Race

Date: Saturday, May 25

Time: 7 am to 11 am

Location: 1 Kersting Court, Sierra Madre

External Affairs meetings/events attended:

- SGVMWD Annual Legislative Day - Sacramento
- ACWA Region 8 Legislative Meeting
- SGVCOG Water Committee Meeting
- State Water Project DCP Communications Meeting
- ACWA Legislative Symposium
- MWD Inspection Tour – Bay Delta/Oroville Dam
- Water Education Foundation – Project Wet Training
- Alhambra State of the City
- Alhambra Lunar New Year Sponsor Recognition
- Alhambra Chamber of Commerce Government Affairs Committee Meeting
- City of Monterey Park – Earth Day Event
- City of Alhambra – Eco Fair
- Delta Conveyance Communications Committee Meeting
- SGV Water Association Legislative Meeting

**ANNUAL HEARING ON DETERMINATION OF OPERATING SAFE YIELD AND
REGULAR MEETING OF THE MAIN SAN GABRIEL BASIN WATERMASTER
725 NORTH AZUSA AVENUE, AZUSA, CALIFORNIA
MAY 1, 2024 AT 2:30 O'CLOCK P.M.**

Agenda

Action/Notes

1. CALL TO ORDER
2. PLEDGE OF ALLEGIANCE
3. ROLL CALL OF WATERMASTER MEMBERS
4. ADOPTION OF AGENDA [1]
5. PUBLIC HEARING ON OPERATING SAFE YIELD FOR FISCAL YEARS
2024-25 THROUGH 2028-29
6. ADOPTION OF OPERATING SAFE YIELD (Resolution No. 05-24-321)[1]
7. TIME RESERVED FOR PUBLIC COMMENT
8. ITEMS REMOVED FROM CONSENT CALENDAR [1]
9. CONSENT CALENDAR [1]
All items on Consent Calendar may be approved with single action.
 - a) Minutes of a Regular Meeting of Watermaster held April 3, 2024
 - b) Lists of Demands
 - c) Financial Statements, April 2024
 - d) Stipulation Re Intervention After Judgment of:
 - i) Michael Robert Dawes
10. REQUEST TO EXECUTE EXTENSION AGREEMENT FOR UNITED
ROCK PRODUCTS CORPORATION FOR PRODUCER CYCLIC STORAGE
ACCOUNT [1]
11. REPORT FROM ADMINISTRATIVE COMMITTEE [1]
 - a) Recommendation to adopt draft FY 2024-25 Administration Budget in
the amount of \$4,974,660.00 and Assessments as follows: (Resolution
No. 05-24-320)
 - i) Administration Assessment of \$21.00/AF on FY 2023-24
Production;
 - ii) In-Lieu Assessment of \$5.00/AF on FY 2023-24 Production;
 - iii) Water Resource Development Assessment of \$175.00/AF on
FY 2023-24;
 - iv) Replacement Water Assessments on FY 2023-24 and 2024-25
Overproduction

12. ATTORNEY'S REPORT [2]
13. ENGINEER'S REPORT [2]
14. EXECUTIVE OFFICER'S REPORT [2]
15. REPORT FROM RESPONSIBLE AGENCIES [2]
16. OUTSIDE COMMITTEE LIAISONS [2]
17. INFORMATION ITEMS [2]
 - a) Temporary assignment or lease of 1,200.00 acre-feet of Production Right from Covina Irrigating Company to Valley County Water District for FY 2023-24
 - b) Temporary assignment or lease of 86.40 acre-feet of Production Right from Martin Marietta Southern California Aggregates, LLC to Hanson Aggregates West, Inc. for FY 2023-24
 - c) Temporary assignment or lease of 359.69 acre-feet of Production Right from City of Covina to Valley County Water District for FY 2023-24
 - d) Transmittal of San Gabriel Valley Municipal Water District Monthly Report for March 2024
18. COMMENTS FROM WATERMASTER MEMBERS [2]
19. FUTURE AGENDA ITEMS [1]
 - a) Consideration of Extension Agreement for Valley County Water District for Producer Cyclic Storage
20. CLOSED SESSION [1]
21. ADJOURNMENT

LEGEND [1] INDICATES ACTION ANTICIPATED BY WATERMASTER ON THIS ITEM
 [2] INDICATES INFORMATION ITEM - NO WATERMASTER ACTION ANTICIPATED

Chair Lynda Noriega Presiding

**A REGULAR MEETING
OF THE
SAN GABRIEL BASIN WATER QUALITY AUTHORITY
AT
1720 W. CAMERON AVENUE, SUITE 100
WEST COVINA, CALIFORNIA**

WEDNESDAY, APRIL 17, 2024 AT 12:00 P.M.

Zoom Link:

<https://us06web.zoom.us/join/zoom/register/tZYfuigpjiMrGNzLsWEQAPGFSCX9nn6-VLM>

AGENDA

I. CALL TO ORDER **PAULSON**

II. PLEDGE OF ALLEGIANCE

III. REMOTE PARTICIPATION DECLARATION - AB 2449 **MORENO**
[Government Code Section 54953(f)]

- (a) Notification of Just Cause Remote Participation
- (b) Notification and Vote to Approve Emergency Circumstance Request
For Remote Participation

IV. ROLL CALL OF BOARD MEMBERS **MORENO**

Mark Paulson, Chairman	_____	_____	(alt)
Lynda Noriega, Vice-Chairwoman	_____	_____	(alt)
Valeric Munoz, Secretary	_____	_____	(alt)
Robert Gonzales, Treasurer	_____	_____	(alt)
Bob Kuhn	_____	_____	(alt)
Ed Chavcz	_____	_____	(alt)
Robert DiPrimio	_____	_____	(alt)

V. PUBLIC COMMENTS (Agendized Matters Only): **PAULSON**

As provided under Government Code Section 54954.3, this time has been set aside for persons in the audience to provide comment or make inquiries on matters appearing on this Special Meeting agenda only. Please complete the appropriate request card and submit it to the Secretary, prior to the item being heard. A five-minute time limit on remarks is requested.

VI. ITEMS TOO LATE TO BE AGENDIZED - Recommended Action: **PAULSON**

Approve motion determining need to take action on item(s) which arose subsequent to posting of the Agenda (ROLL CALL VOTE: Adoption of this recommendation requires a two-thirds vote of the Board or, if less than two-thirds of Board members are present, a unanimous vote)

VII. PUBLIC HEARING

PAULSON

“Draft Budget for Fiscal Year 2024/2025

VIII. WORKSHOP

SAENZ

“Draft Budget for Fiscal Year 2024/2025

IX. CONSENT CALENDAR

PAULSON

(Consent items may all be approved by single motion) [enc]

- (a) Minutes for 3/20/24 Regular Board Meeting
- (b) Minutes for 4/9/24 Legislative/Public Information Committee Meeting
- (c) Minutes for 4/9/24 Administrative/Finance Committee Meeting
- (d) Demands on Administrative Fund April 17, 2024
- (e) Demands on Project Fund for April 17, 2024

X. COMMITTEE REPORTS

(These items may require action)

- (a) Legislative/Public Information Committee Report [enc]
 - 1. Discussion/Action Regarding New WQA Logo [enc]
- (b) Administrative/Finance Committee Report [enc]

XI. OTHER ACTION/INFORMATION ITEMS

PAULSON

(These items may require action)

- (a) Report on Cash and Investments – 1st Quarter 2024 [enc]

XII. PROJECT REPORTS

COLBY

- (a) Treatment Plants:

	<u>Status</u>
1. Baldwin Park Operable Unit	
• Arrow/Lante Well (Subarea 1)	Operational
• Monrovia Wells	Operational
• SGVWC B6 Plant	Operational
• SGVWC B5 Plant	Operational
• CDWC Well No. 14	Operational
• La Puente Valley County Water District	Operational
• VCWD Nixon	Operational
• VCWD Maine	Operational
2. El Monte Operable Unit	
• Eastern Shallow Zone	Operational
• Eastern Deep Zone	Operational
• GSWC Encinita Plant	Operational
• Western Shallow Zone	Operational

- | | | |
|----|--|--------------|
| 3. | South El Monte Operable Unit | |
| | • Whitmore Street. Ground Water Remediation Treatment Facility | Operational |
| | • City of M.P. Well No. 5 VOC Treatment Facility | Operational |
| | • City of M.P. Well No. 12 VOC Treatment Facility | Operational |
| | • City of M.P. Well No. 15 | Operational |
| | • City of M.P. Well Nos. 1, 3, 10 VOC Treatment Facility | Operational |
| | • GSWC Wells SG-1 & SG-2 | Operational |
| | • GSWC Garvey | Operational |
| | • SGVWC Plant No. 8 | Operational |
| | • SGVWC Plant G4 | Operational |
| 4. | Puente Valley Operable Unit | |
| | • Intermediate Zone | Construction |
| | • SGVWC Plant B11 | Operational |
| 5. | Area 3 Operable Unit | |
| | • City of Alhambra Phase 1 | Operational |
| | • City of Alhambra Phase 2 | Operational |
| | • City of South Pasadena Wilson | Operational |
| 6. | Non-Operable Unit | |
| | • City of Arcadia Longden | Operational |
| | • City of Arcadia Live Oak | Operational |
| | • City of Monrovia Tower 1&2 | Operational |
| | • City of Monrovia Tower 3&4 | Operational |
| | • SGVWC Plant 11 | Operational |

XIII. ATTORNEY'S REPORT

PADILLA

XIV. LEGISLATIVE REPORT

MONARES

XV. EXECUTIVE DIRECTOR'S REPORT

SCHOELLERMAN

XVI. FUTURE AGENDA ITEMS

PAULSON

XVII. INFORMATION ITEMS [enc]

PAULSON

- (a) San Gabriel Basin Water Calendar

XVIII. FUTURE BOARD/COMMITTEE MEETINGS

PAULSON

- (a) The next Legislative/Public Information Committee meeting was scheduled for Tuesday, May 14, 2024 at 9:00 a.m.
- (b) The next Administrative/Finance Committee Meeting was scheduled for Tuesday, May 14, 2024 at 10:00 a.m.
- (c) The next WQA Board meeting was scheduled for Wednesday, May 22, 2024 at 12:00 p.m. (change due to the ACWA Spring Conference)

XIX. CLOSED SESSION

PAULSON

- (a) Closed Session Pursuant to Government Code Section 54956.9(d)(1)
 - Conference with Legal Counsel re: Existing Litigation - San Gabriel Basin Water Quality Authority v. 3M Company et al, USDC Case No. 2:23-av-55555-CIV

XX. RECONVENE OPEN SESSION

PAULSON

XXI. BOARD MEMBERS' COMMENTS/REPORTS

PAULSON

XXII. ADJOURNMENT

PAULSON

Pursuant to Government Code section 54957.5, non-exempt public records that relate to open session agenda items and are distributed to a majority of the Board less than seventy-two (72) hours prior to the meeting will be available for public inspection in the lobby of the Authority's business office located at 1720 W. Cameron Ave., Suite 100, West Covina, CA 91790, during regular business hours. When practical, these public records will also be made available on the Authority's internet web site, accessible at www.wqa.com.

Memorandum

To: San Gabriel Valley Municipal Water District Board of Directors

From: Darin Kasamoto General Manager

Date: May 8, 2024

Subject: General Manager's Report

1. SWP UPDATE

The Delta Conveyance Project (DCP) Public Draft EIR Comment period has ended. The EIR was certified by DWR on December 18, 2023. There are numerous law suits that have been filed.

DWR will be looking for funding commitments from contractors to keep the DCP planning process going beyond 2025. The district will be asked to consider this once more information is available. It is anticipated that we will need to evaluate this sometime in the June/July timeframe.

The State Water Project allocation for 2024 was increased to 40%. Given the 40% allocation SGVMWD will satisfy 100% of its obligations through 2024.

2. MAIN SAN GABRIEL BASIN UPDATE

As May 3, the Key Well is at 239.3 feet which is 13.2 feet higher than the reading on of March 29, 2024 due to releases from San Gabriel Canyon reservoirs. The historic low is 169.4 feet.

3. GRANT PROGRAM UPDATES

The District, through Steve Bucknam and Hazen and Sawyer is continuously monitoring grant programs which could help fund District and city projects.

The District has applied for a USBR grant to help fund a turf replacement program. The grant would require a 50% match from the District.

The USBR has approved the Districts feasibility study for Monterey Park/Central Basin recycled water connection. This makes the project eligible for potential USBR grant funding. We will follow up with Monterey Park and Central Basin to develop next steps in the process.

4. MANAGEMENT ISSUES

The Letter of Intent for the Regional Recycled Water Project has been approved by all parties. I have had a follow-up with MWD on next steps, and they want to look into the use of SGVMWD existing infrastructure to add flexibility to the project. We have sent all of the information requested by MWD for them to begin this analysis. The preliminary analysis performed by MWD indicates that it is physically possible to use our pipeline to get water to the treatment plant in La Verne. Stetson Engineers has been hired to analyze the benefits and potential downside of this proposal. The first draft of the report has been received, staff has met with Stetson to discuss and Stetson will incorporate the comments into the report, and present to the board at the May board meeting.

The District is monitoring some future groundwater banking programs for potential participation. More information will follow. The District will also pursue additional water supply in 2024.

May 8, 2024

February 2024

Strategic
Planning
Workshop
Results -
Chronological



Strategic Planning Objectives

- Develop Action Plans
 - Short-term (2024); Long-term (2025+)
- Develop Solutions if Possible
- Identify “Process” or “Steps” toward Solutions
- Review and Update Action Plans Regularly



Mission Statement:

"The San Gabriel Valley Municipal Water District provides reliable supplemental water for the communities of Alhambra, Azusa, Monterey Park and Sierra Madre in a cost-effective and environmentally responsible manner."

Vision Statement:

"A leader in water resource management, the San Gabriel Valley Municipal Water District will provide a diversified and reliable supplemental water supply for the benefit of the communities we serve."

Action Plan (2024 - Q1/Q2)

OPERATIONS AND INFRASTRUCTURE

- Schedule tours of District and County facilities for Board Members as background for Pipeline Rehabilitation program and consideration of *Pure Water Southern California* program (Board/Staff). **Completed tour with legislative members, 2 District directors attended tour, and a third joined for luncheon. Future tours will be added.**
- Complete Schedule 1 "Pilot" and assess results. **Xylem is finalizing report estimated completion 6/2024**
- Develop preliminary timeline for Schedules 2-6 of Pipeline Rehabilitation Project. **This will be done once corrosion engineer is onboard**
- Identify "Corrosion Engineer" to review/input into Schedules 1-6 Cost Estimates and to protect the Pipeline in the future. **Stetson Engineers is developing a "Request For Qualifications" and will recommend some firms in the area**
- Identify financial consultant to assist with Replacement Cost Analysis. **Not started**

Action Plan (2024 - Q1/Q2)

CURRENT AND FUTURE REVENUE

- Consensus was achieved to maintain the current property rate of \$.03 per \$100 assessed value for the short-term. **August Board Meeting**
- Consensus was achieved to adopt a \$240 per AF water rate for member cities in April 2024 as that level keeps the District “in the black” and was the forecasted rate provided to member cities a year ago. **Completed**
- The General Manager was requested to provide a forecasted water rate for 2025 in April 2024 (utilizing average rate increases over 10 years), and to also provide a longer-term, three-year forecast (qualifying those forecasts by noting sensitivity to energy costs, etc.). There is unanimous concern among Board members that cost increases are becoming so common/certain that water rate increases should reflect and anticipate those increases short/long-term. **Completed**
- The General Manager will provide the Board with information about sources of emergency funds, such as *Federal Emergency Management Agency* (FEMA) and the *Ibank*, that would supplement the use of reserves in the event of a catastrophic event. **Will provide at June meeting, researching State Infrastructure Bank and other sources of emergency funding.**
- The General Manager and Assistant General Manager will research and share with the Board what SGVMWD insurance covers if there is a catastrophic event or pipeline failure. **Completed**
- Consensus was achieved that consulting costs, and potentially employee costs, related to financial, engineering, operations, and legal matters will increase in conjunction with Pipeline Rehabilitation and review/analysis of the *Pure Water Southern California Project* (PWSC). The District must budget for such costs. **Draft 2024-2025 budget will be presented at the May board meeting**
- The General Manager was requested to get an update from MWD about the *Pure Water Southern California Project* as it has been

Action Plan (2024 - Q1/Q2)

CURRENT AND FUTURE REVENUE

- Consensus exists that the long-term nature of several looming projects and potential cost increases may impact needed staffing levels and staffing expertise (due to both volume and nature of the work, and potential staff retirements). A suggestion to consider a “Chief Financial Officer” was discussed but not acted upon and may be revisited at an undisclosed future date.
- The District will offer a “Cost Workshop” (in-person or virtual) annually to member cities to further explain rate and cost factors. **Not started**

Action Plan (2024 - Q1/Q2)

MEMBER CITY RELATIONS

- Efforts should increase to meet regularly with the Mayor, City Council members, City Manager and Public Works/Water Utility staff in each member city. External Affairs staff will assist Board members in preparing and offering a brief, annual “State of the District” presentation to each of the District’s member cities during May/Water Awareness Month, with that presentation also available to school boards, chambers of commerce, and other community/non-profit organizations. **Ongoing**
- The District will continue to attend and present updates at City Council meetings (e.g. “State of the City” meetings), support important community events, and provide information about water issues and conservation. **Ongoing**
- The District will offer tours of important District and San Gabriel Basin water facilities to both City Council members and key City staff to foster greater understanding of the District’s water supply role. **Not started**
- The District will increase its messaging related to water costs and infrastructure to complement its strong messaging about conservation. **Ongoing**
- Consensus was achieved to develop a written policy that articulates how the District may provide financial support in the form of grants and loans to Member Cities. The External Affairs Manager and District Counsel will draft a “policy” to share with Member Cities to help clarify and guide the process of District financial support. **completed**
- The Board will address Monterey Park’s request of a \$10 million loan for new meter reading equipment. **completed**

Action Plan (2024 - Q1/Q2)

WATER SUPPLY SOLUTIONS - IMPORTED

- Consensus was achieved that the District, along with other State Water Contractors, supports the *Delta Conveyance Project*. In line with that support, the District awaits decisions by key players such as Metropolitan Water District, which is conducting its own cost/benefit analysis of the Project, and the Department of Water Resources, which is expected to request “bridge/gap funding” for the Project between March and June of this year. At that time, the Board will convene and discuss the District’s future role and support of the Project. **Will discuss by end of Q2**
- While banking water is very expensive, the Board expressed interest in following and possibly participating in potential new “water banking” opportunities in both northern California and the Main San Gabriel Basin. The Dudley Ridge banking agreement is in place, but the District has yet to bank water in that manner. The Board also wants to track spreading grounds opportunities in the Main San Gabriel Basin being pursued by Watermaster such as the use of local pits and quarries to help get water in the ground. Spreading ground capacity may reach its limit if *Pure Water Southern California* proceeds and produces 65,000 AF/year. **Ongoing**
- Continually explore strategies to improve ability to get both imported and local water sources “into the ground” by reducing over-capacity and congestion/bottlenecks within the delivery system; participate with DWR on SWP bottleneck improvements. **Ongoing**

Action Plan (2024 - Q1/Q2)

WATER SUPPLY SOLUTIONS – LOCAL

- The General Manager should follow-up regularly with MWD about its interest in involving SGVMWD infrastructure in the *Pure Water Southern California (PWSC)* Project and update the Board. **Will schedule MWD presentation after Stetson White Paper is presented in May**
- The District should request a presentation from MWD to the Board about PWSC at an upcoming Board meeting.
- Arrange a presentation from Stetson to the Board about its analysis of the PWSC Project for SGVMWD. **Scheduled for May meeting**
- Arrange tours of PWSC for SGVMWD Board and Staff. **Not started**
- Decide which consulting resources would be needed and when to evaluate the MWD proposal for SGVMWD in the PWSC Project – financial consultant, engineering consultant, negotiating consultant, etc. **Not started**
- While banking water is very expensive, the Board expressed interest in following and possibly participating in potential new “water banking” opportunities in both northern California and the Main San Gabriel Basin. The Dudley Ridge banking agreement is in place, but the District has yet to bank water in that manner. The Board also wants to track spreading grounds opportunities in the Main San Gabriel Basin being pursued by Watermaster such as the use of local pits and quarries to help get water in the ground. Spreading ground capacity may reach its limit if *Pure Water Southern California* proceeds and produces 65,000 AF/year. **Will request update from**

Action Plan (2024 - Q1/Q2)

WATER SUPPLY SOLUTIONS – LOCAL

- The General Manager should follow-up with Sean Igoe and Frank Heldman in Monterey Park regarding the status of interest in and funding for the recycled water project that would potentially serve Monterey Park and Alhambra. **Not started due to current uncertainty of Central Basin staff**
- The General Manager should follow-up with Central Basin to see if the opportunity for a recycled water project is still feasible. **Not started due to staff issues at Central Basin**
- The District should pursue future grant funding opportunities through Federal and State grant programs. **Applied for Bureau of Reclamation grant for turf rebate program**
- Continually explore strategies to improve ability to get both imported and local water sources “into the ground” by reducing over-capacity and congestion/bottlenecks within the delivery system; participate with DWR on SWP bottleneck improvements. **Ongoing**

Action Plan (2024 - Q1/Q2)

EXTERNAL AFFAIRS

- Increase and blend in messaging about costs, water scarcity and infrastructure to all audiences. **Ongoing**
- Research potential new rebate items for inclusion in the rebate program. **Will have recommendations by June Board Meeting**
- Pursue grant from Bureau of Reclamation for 50% matching grant for turf replacement conservation programs. **Applied**
- Obtain update from California Advocates and Dennis Albani about potential November 2024 Water Bond and communicate to Board. If on the ballot, develop communications plan to provide information, not advocacy, about the Bond. **Discussed during April legislative trip, not much optimism for bond with our legislators**
- The District should determine its future role within the Water Forum Partner group and consider leading efforts to determine go/no go on smaller, targeted Water Forum events throughout the year. **Will discuss at next partners meeting**
- Funds contributed by 2020 Water Forum sponsors remain in District accounts. The use or return of the funds should be determined as soon as possible. **Will discuss at next partners meeting**
- Staff should finalize, distribute and regularly update a 12-month outreach calendar for the Board. **May target date**
- The District should participate in a February 2024 tour for legislators in conjunction with the Assembly Water, Parks and Wildlife Committee. **Completed**
- The District should plan and conduct tours periodically during the year for local elected officials and community leaders. **Ongoing**
- Staff should draft budget and external affairs/outreach plan for 2024-2025 fiscal year and present to Board. **June board meeting**

Memorandum

To: San Gabriel Valley Municipal Water District Board of Directors

From: Steve Kiggins, Assistant General Manager

Cc: Darin Kasamoto, General Manager

Date: May 9, 2024

Subject: Assistant General Manager's Report

1. April 2024 deliveries: 1,530 AF to SGVMWD cyclic storage. Undelivered 2023 Carryover as of May 1st: 9,674 AF. Table A Allocation CY 2024: 40% / 11,520 AF.
2. Total deliveries to cyclic storage CY 2024: 4,726 AF. Cyclic storage balance as of March 31, 2024: 8,480.66 AF. Amount of water banked on behalf of Dudley Ridge Water District: 14,209 AF.
3. May 2024 delivery forecast: A 45 CFS delivery at San Dimas Hydro should continue all month. Deliveries to Covina Irrigating Company at North Azusa Connection on behalf of Three Valleys MWD should resume on Monday, May 13th.
4. April Hydro Power Production was 441.9 MWh / \$13,195.98; March was 360.1 MWh / \$14,654.14; February was 0 MWh / \$0.00; and January was 469.7 MWh / \$27,649.95.
5. Project Updates:
 - A. DCAP SCH I PIPELINE CONTINUITY BONDING, CORROSION ASSESSMENT VALIDATION, AND CATHODIC SYSTEM DESIGN: Electrical continuity between manholes has been verified, and pipeline pressure testing is complete. Landscape and paving restoration will be completed this month.
 - B. SAN GABRIEL FLOW CONTROL STRUCTURE 30" BALL VALVE REPLACEMENT: The project is complete. RC Foster Corporation was on-site for pressure testing May 8th.
 - C. HYDROELECTRIC FACILITY 24" BUTTERFLY VALVE REPLACEMENT: The valve is installed, and paving was completed on July 28th. The District purchased a replacement relay-controlled valve actuator (Delivered 3/6/24). The contractor is coordinating the installation.
 - D. STANDBY GENERATOR REPLACEMENT PROJECT: Bid-ready design documents and plan check forms are nearly complete.
6. Assistant General Manager meetings and activities:
 - A. On-site for office flooring replacement
 - B. Attended San Gabriel River Water Committee meeting (Zoom)

- C. Attended San Gabriel Basin Water Quality Authority meeting (Zoom)
- D. Attended MWD Inspection Trip of the State Water Project with Director David De Jesus and Three Valleys Municipal Water District
- E. Attended San Gabriel Valley Protective Association Annual Meeting
- F. Met with Darin, Melissa Barbosa and Carlos Solis with Azusa Light and Water
- G. Attended JPIA Workplace Violence Prevention Plan Requirement webinar
- H. Attended JPIA Heat Illness Prevention webinar
- I. Met with Mojave Water Agency staff to discuss the District's experience with Bailey sleeve valves
- J. Met with Civiltec, Southwest Valve, and Mokveld to discuss a comparison of axial control valves, sleeve valves and plunger valves
- K. Attended The Main San Gabriel Basin Watermaster meeting
- L. Daily Bonding Project job site meetings with T.E. Roberts
- M. Weekly Bonding Project update meetings with T.E. Roberts and Civiltec (Teams)
- N. Daily job site meetings with T.E. Roberts for blow off valve replacement
- O. Weekly DWR / SWC Operations Update meetings (Teams)