

**BOARD OF DIRECTORS
SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT
REGULAR MEETING
1402 N. VOSBURG DR. AZUSA, CA 91702
MONDAY, NOVEMBER 13, 2023
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=SUZJRzFFSDRXUVVTY0NhOXQ0c1I6QT09>

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 October 9, 2023

Financial Statements of October 2023

Treasurer's Investment Report Dated September 30, 2023

Disbursements of the Revolving Fund Dated October 19, 2023, Check Nos. 12384 - 12391, EFTs and Wires

Disbursements of the Revolving Fund Dated November 2, 2023, Check Nos. 12392 – 12400, EFT, and Wires

Disbursements of the Revolving Fund Dated November 13, 2023, Check Nos. 12401 – 12404, and Wires

Disbursements of the General Fund Dated October 11-23, 2023, Check Nos. 43995 – 44031, and EFTs

Disbursements of the General Fund Dated November 3-13, 2023, Check Nos. 44032 – 44071, and EFTs

Future Meeting Attendance Approval: None

ACTION ITEMS

1. Presentation On The City of Sierra Madre's Greener Yards Program
2. Civiltec Proposal and Generator Replacement Study
3. Declare Surplus Inventory

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 NOVEMBER 8, 2023 AT SGVMWD.
THE NEXT REGULAR BOARD MEETING WILL BE ON DECEMBER 11, 2023.

**MINUTES
BOARD OF DIRECTORS
SAN GABRIEL VALLEY MUNICIPAL
WATER DISTRICT
REGULAR BOARD MEETING
1402 N. VOSBURG DR. AZUSA, CA 91702
MONDAY, OCTOBER 9, 2023
8:00 A.M.**

At 8:00 a.m. on October 9, 2023, 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; Evelyn Reyes, External Affairs Manager; Albert Lu, External Affairs Specialist; Jim Ciampa, Lagerlof LLP.

Via telephone/Zoom: Dennis Ahlen, 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 September 11, 2023
Financial Statements for September 2023

Disbursements of the Revolving Fund Dated:

September 21, 2023, Check Nos. 12368 – 12373, EFTs, and Wires in the amount of \$62,971.40

October 5, 2023, Check Nos. 12374 – 12380, EFT, and Wires in the amount of \$60,210.82

October 9, 2023, Check Nos. 12381 – 12383, and Wires in the amount of \$3,017.40

Disbursements of the General Fund Dated:

September 15 & 25, 2023, Check Nos. 43931 – 43964, and EFTs in the amount of \$684,543.10

October 9, 2023, Check Nos. 43965 – 43994, and EFTs in the amount of \$792,980.19

Future Meeting Attendance Approval: San Gabriel Valley Public Affairs Network Annual Mayors Reception 2023 – Oct. 25, Monterey Park

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

ACTION AGENDA ITEM

APPOINT WATERMASTER BOARD MEMBER FOR 2024 – RESOLUTION NO. 10-2023-828

The General Manager reported the Watermaster Representative must be appointed each year. Director Steven T. Placido, DDS is currently the District’s representative on the Watermaster Board.

On motion of Director Knoles, seconded by Director Eng, and unanimously carried 5-0, A RESOLUTION OF THE BOARD OF DIRECTORS OF SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT APPOINTING WATERMASTER REPRESENTATIVE, Steven T. Placido, DDS, Resolution No. 10-2023-828 was approved.

Approved by the Board of Directors of the San Gabriel Valley Municipal Water District at its regular meeting held on October 9, 2023, by the following roll call vote:

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

CONSIDER CANDIDATES FOR LAFCO SPECIAL DISTRICT ALTERNATE MEMBER

On motion of Director Eng, and seconded by Director Placido and unanimously carried 5-0, Stephen H. Brown was selected to receive the District’s vote for Special District LAFCO Alternate Member for the term expiring in May 2026.

INFORMATION ITEMS

EXTERNAL AFFAIRS

External Affairs Report in Agenda Packet.

Ms. Reyes briefly reported on the approved OWL Grants for Fiscal Year 2023-2024 and on the State Water Resources Control Board: Making Conservation a Way of Life Regulation.

General Counsel Ciampa provided additional information on the proposed regulations, which are intended to implement the provisions enacted several years ago through AB1668 and SB 606.

UNFINISHED BUSINESS

REPORT ON BASIN MANAGEMENT

Director Placido reported that Watermaster received and filed their Three-Year Purchased Water Plan for FY 2023-24 to 2025-26, Audit Report for FY 2022-23, and reaffirmed their Cash Investment Policy.

The Assistant General Manager reported there is an issue with the rate of recharged at the Santa Fe Spreading Grounds and that USG3 may need to pause its water delivery to allow some maintenance and clearance work to be done at the spreading grounds.

REPORT OF WQA

No report.

REPORT OF THE ATTORNEY

General Counsel Ciampa reported on a citizens' initiative for the November 2024 election that would change the mechanisms by which public agencies can impose taxes, fees, or charges.

REPORT OF THE GENERAL MANAGER/ASSISTANT GENERAL MANAGER

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

The General Manager reported that at the June 2023 Board meeting, the Board considered a proposed amendment to the District's financial reserve policy in the Administrative Code to clarify that the tax revenues the District receives from a levy for State Water Project fixed costs are segregated, deposited, and separately held in the capital reserve account for the State Water Project within the capital and catastrophic reserve fund and that this account can be expended only for the payment of fixed charges levied by the State Water Project. The process for opening a separate bank account for the State Water Project fixed costs is nearly complete.

Director Eng inquired about the State Grant through DWR for Turf Replacement. The General Manager will follow up with DWR.

The Assistant General Manager's written report is in the Agenda Packet.
The Assistant General Manager reported as of the beginning of this month the District has 19,758 AF remaining to be delivered from its February 2023 allocation. He also reported on the following projects: Hydroelectric Facility 24" Butterfly Valve Replacement, the San Gabriel Flow Control Structure 30" Ball Valve Replacement, and the DCAP SCH 1 Pipeline Continuity Bonding, Corrosion Assessment Validation, and Cathodic System Design.

REPORT OF THE STATE WATER CONTRACTORS

The General Manager's written report on State Water Project matters is in the Agenda Packet.

COMMITTEE MEETING REPORTS

None.

DIRECTOR REPORTS ON EVENTS ATTENDED

None.

DIRECTOR COMMENTS

None.

ADJOURNED at 8:53 A.M.

There being no further business, upon motion made, seconded, and carried unanimously, the meeting was duly adjourned at 8:53 a.m. The next Regular Board Meeting of the San Gabriel Valley Municipal Water District will be on November 13, 2023, at 8:00 a.m.

President

ATTEST:

Secretary

San Gabriel Valley Municipal Water District
Balance Sheet
As of October 31, 2023

	Oct 31, 23
ASSETS	
Current Assets	
Checking/Savings	
1001 · General Fund Bank of America	3,309,930.42
1002 · SWP Fund Account	5,918,102.23
1005 · Revolving Cash Fund	141,128.54
1008 · Petty Cash	442.00
1009 · LAIF	10,628,355.92
1009.01 · LAIF FMV Adjustment	-315,660.03
1011 · UBS Resource Management Account	
1012 · Cash with Broker	29,187.25
1013 · Certificates of Deposit	9,732,905.06
Total 1011 · UBS Resource Management Account	9,762,092.31
1014 · UBS Accrued Interest	-45,533.56
Total Checking/Savings	29,398,857.83
Accounts Receivable	
1603 · Accounts Receivable	18,070.80
Total Accounts Receivable	18,070.80
Other Current Assets	
1605 · Taxes Receivable	-0.34
1606 · Interest Receivable	45,533.56
1620 · Prepaid Expenses	261,842.66
1660 · Water Inventory	2,370,918.20
Total Other Current Assets	2,678,294.08
Total Current Assets	32,095,222.71
Fixed Assets	
1924.2 · Accum Depr Hydro Elect San D	16,538.49
1924.1 · Accum Depr Hydro Elect	31,691.14
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	-4,659,468.00
1801 · Pipeline	26,881,938.46
1830 · Accum Depreciation - Pipeline	-17,081,351.31
1840 · SCADA Telemetry	48,442.01
1841 · Accum Depreciation -SCADA	-10,702.18
1750 · SCADA 2013	884,531.22
1851 · Accum Depreciaton - SCADA 13	-797,814.28
1901 · Land	735,931.46
1902 · Buildings	2,322,562.42
1903 · Accum Depr - Buildings	-2,313,890.01
1904 · Furniture and Fixtures	183,877.53
1905 · Accum Depr - Furn and Fixtures	-166,754.90
1907 · Vehicles	257,156.24
1908 · Accum Depr - Vehicles	-174,472.41
1910 · Pipeline Misc Equipment	223,817.49
1911 · Accum Depr - Pipeline Misc Equi	-73,440.70
1920 · Construction in Process	
1920.02 · CIP - Scada	11,157.83
1920.05 · HydroElectric Facility San Dima	1,455.40
Total 1920 · Construction in Process	12,613.23
1921 · Capital Expenditures	
1921.01 · Isolation Valve San Dimas/Hydro	120,144.60
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

San Gabriel Valley Municipal Water District
Balance Sheet
As of October 31, 2023

	Oct 31, 23
1921.10 · SGFCS PRATT 30" Ball Valve	97,505.10
Total 1921 · Capital Expenditures	321,784.32
1916 · A/D Computers	-4,883.91
1917 · A/D Paving	-1,076.83
1918 · A/D San Dimas Hydro	-13,062.04
1922 · A/D Roof	-21,402.08
Total Fixed Assets	13,577,634.32
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	54,252,849.03
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
2001 · Accounts Payable	84,053.64
Total Accounts Payable	84,053.64
Other Current Liabilities	
2010 · Accrued Payroll - V&SL	450,676.52
24000 · Payroll Liabilities	53.83
Total Other Current Liabilities	450,730.35
Total Current Liabilities	534,783.99
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	5,065,313.28
Total Long Term Liabilities	8,201,523.28
Total Liabilities	8,736,307.27
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	-2,336,653.14
Total Equity	45,516,541.76
TOTAL LIABILITIES & EQUITY	54,252,849.03

San Gabriel Valley Municipal Water District
Income Statement - Actual vs. Budget
October 2023

	Oct 23	Budget	Jul - Oct 23	YTD Budget	Annual Budget
Ordinary Income/Expense					
Income					
General Operations					
3002 · Property Tax Revenue	0.00	433,333.00	0.00	1,733,332.00	5,200,000.00
3003 · Water Sales	1,998,036.80	372,083.00	2,032,997.00	1,488,332.00	4,465,000.00
3004 · Interest Income	204,014.71	35,417.00	273,629.04	141,668.00	425,000.00
3005 · Ready to Serve Revenue	990.00	990.00	3,960.00	3,960.00	11,880.00
3006 · RDA Prop Tax Trust Fund Alloc	0.00	75,000.00	573,843.77	300,000.00	900,000.00
3008 · SBVMWD Pipeline Maintenance Rev	0.00	2,500.00	0.00	10,000.00	30,000.00
3016 · Unrealized Gain (Loss) on Inves	15,207.25	0.00	67,345.25	0.00	0.00
Total General Operations	2,218,248.76	919,323.00	2,951,775.06	3,677,292.00	11,031,880.00
Power Revenue Sales					
3210 · Hydro Power Sales	34,929.85	4,167.00	63,806.94	16,668.00	50,000.00
Total Power Revenue Sales	34,929.85	4,167.00	63,806.94	16,668.00	50,000.00
Restricted Revenue - SWP					
3306 · Tax Revenue - State Water Proje	0.00	816,667.00	0.00	3,266,668.00	9,800,000.00
Total Restricted Revenue - SWP	0.00	816,667.00	0.00	3,266,668.00	9,800,000.00
Total Income	2,253,178.61	1,740,157.00	3,015,582.00	6,960,628.00	20,881,880.00
Gross Profit	2,253,178.61	1,740,157.00	3,015,582.00	6,960,628.00	20,881,880.00
Expense					
Unrestricted G.O. Expenses					
4001 · Director Fees	2,800.00	2,917.00	12,800.00	11,668.00	35,000.00
4010 · Salaries- Administrative	24,235.20	26,255.00	90,882.00	105,020.00	315,057.00
4014 · Field Supervision	15,968.00	17,799.00	59,880.00	71,196.00	213,584.00
4020 · Salaries Office	18,341.41	19,870.00	66,606.48	79,480.00	238,439.00
4021 · External Affairs Wages	12,992.42	12,029.00	42,804.32	48,116.00	144,345.00
4022 · Part Time Employee	0.00	864.00	0.00	3,456.00	10,370.00
4023 · External Affairs Specialist	3,991.58	6,348.00	20,653.68	25,392.00	76,170.00
4027 · Office Supplies - Equipment Mai	2,650.78	3,667.00	16,668.01	14,668.00	44,000.00
4029 · Election Expenses	0.00	0.00	0.00	0.00	0.00
4031 · Legal Services	0.00	4,167.00	6,728.05	16,668.00	50,000.00
4032 · State Water Contract Services	3,764.63	3,750.00	15,058.46	15,000.00	45,000.00
4033 · Public Relations	13,940.16	11,250.00	27,190.34	45,000.00	135,000.00
4034 · Governmental Relations Consulti	8,115.50	8,042.00	33,474.41	32,168.00	96,500.00
4035 · Consulting & Engineering Expens	22,714.50	101,877.00	186,211.27	407,508.00	1,222,520.00
4036 · Medicare Tax Expense	1,443.77	1,642.00	5,451.60	6,568.00	19,703.00
4039 · PERS - Retirement Expenses	25,137.70	56,171.00	401,366.72	224,684.00	674,050.00
4040 · Social Security Tax Expense	4,437.52	5,358.00	17,699.22	21,432.00	64,294.00
4041 · State Compensation Fund	1,221.34	1,583.00	5,969.68	6,332.00	19,000.00
4042 · State Unemployment Insurance Ta	3.20	140.00	96.00	560.00	1,681.00

San Gabriel Valley Municipal Water District
Income Statement - Actual vs. Budget
October 2023

	Oct 23	Budget	Jul - Oct 23	YTD Budget	Annual Budget
4043 · Health Insurance Expense	29,711.84	32,000.00	118,155.08	128,000.00	384,000.00
4044 · Dental/ Vision Benefit Expense	5,671.13	7,667.00	29,953.51	30,668.00	92,000.00
4045 · Insurance - Liability, Casualty	3,592.75	4,583.00	23,188.01	18,332.00	55,000.00
4046 · Blue Cross Employee Reimburseme	812.98	7,500.00	9,658.76	30,000.00	90,000.00
4048 · Life Insurance	346.15	375.00	1,359.60	1,500.00	4,500.00
4050 · Dues and Associations	7,651.76	7,917.00	42,165.75	31,668.00	95,000.00
4051 · Travel and Conferences -Dir	79.91	2,083.00	5,211.82	8,332.00	25,000.00
4052 · Publications and Periodicals	0.00	25.00	0.00	100.00	300.00
4053 · State Water Contractors Audit	2,058.00	833.00	7,203.00	3,332.00	10,000.00
4054 · Financial Audit Expense	6,542.00	1,667.00	14,615.75	6,668.00	20,000.00
4055 · Travel & Conference -Staff	1,298.58	2,500.00	4,738.17	10,000.00	30,000.00
4057 · Taxes - Annual Fee	0.00	4,333.00	0.00	17,332.00	52,000.00
4058 · Tax Collection Fees	0.00	3,167.00	0.00	12,668.00	38,000.00
4059 · Property Tax Expense	20.88	54.00	20.88	216.00	650.00
4060 · Telephone Expense	3,412.04	3,500.00	15,076.00	14,000.00	42,000.00
4061 · Utilities - Gas, Electric, and	889.92	1,667.00	6,126.90	6,668.00	20,000.00
4063 · Safety Program	112.75	1,667.00	621.53	6,668.00	20,000.00
4065 · Water Conservation/Rebates Prog	2,341.00	24,583.00	44,223.15	98,332.00	295,000.00
4067 · OPEB -Other Post Employment Ben	23,333.33	56,667.00	493,333.32	226,668.00	680,000.00
4090 · SWP Transportation Cost	19,540.06	483,333.00	39,460.04	1,933,332.00	5,800,000.00
4093 · Uniform and Material Rentals	258.45	333.00	912.49	1,332.00	4,000.00
4095 · Vehicle Maintenance, Operating	2,326.33	2,500.00	8,459.50	10,000.00	30,000.00
4096 · Communication Expense	556.34	792.00	3,062.76	3,168.00	9,500.00
4099 · Facility Maintenance	7,422.50	2,500.00	14,479.43	10,000.00	30,000.00
4100 · Salaries - Field Workers	18,597.12	24,347.00	73,318.26	97,388.00	292,165.00
4108 · Grounds Maintenance and Materia	1,937.00	2,750.00	6,994.00	11,000.00	33,000.00
4112 · Depreciation Expense	50,035.00	0.00	200,140.00	0.00	0.00
4113 · Pipeline Maintenance & Material	0.00	4,167.00	1,585.05	16,668.00	50,000.00
4114 · SCADA Maintence	0.00	833.00	0.00	3,332.00	10,000.00
4120 · Grants	33,875.00	176,713.00	54,731.00	706,852.00	2,120,553.00
Total Unrestricted G.O. Expenses	384,180.53	1,144,785.00	2,228,334.00	4,579,140.00	13,737,381.00
Riverside Facility					
4300 · Salaries - Riverside	819.02	1,400.00	1,390.66	5,600.00	16,803.00
4301 · Riverside Maintenance and Mater	455.80	2,358.00	1,748.80	9,432.00	28,300.00
Total Riverside Facility	1,274.82	3,758.00	3,139.46	15,032.00	45,103.00
Hydro Expenses					
4402 · Salaries - Hydro	1,824.86	794.00	5,462.32	3,176.00	9,523.00
4403 · Hydro Maintenance Materials	0.00	1,125.00	7,960.00	4,500.00	13,500.00
4406 · Hydro So Cal Edison (8800)	919.37	833.00	2,957.56	3,332.00	10,000.00
Total Hydro Expenses	2,744.23	2,752.00	16,379.88	11,008.00	33,023.00

San Gabriel Valley Municipal Water District
Income Statement - Actual vs. Budget
October 2023

	<u>Oct 23</u>	<u>Budget</u>	<u>Jul - Oct 23</u>	<u>YTD Budget</u>	<u>Annual Budget</u>
Restricted Expense					
4510 · State Project Expense	126,415.00	641,667.00	3,060,181.00	2,566,668.00	7,700,000.00
4511 · State Project Amortization	8,034.00	8,083.00	32,136.00	32,332.00	97,000.00
4591 · State Project Cost of Water Adj	0.00	0.00	9,891.00	0.00	0.00
Total Restricted Expense	<u>134,449.00</u>	<u>649,750.00</u>	<u>3,102,208.00</u>	<u>2,599,000.00</u>	<u>7,797,000.00</u>
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	<u>522,648.58</u>	<u>1,801,045.00</u>	<u>5,352,235.14</u>	<u>7,204,180.00</u>	<u>21,612,507.00</u>
Net Ordinary Income	1,730,530.03	-60,888.00	-2,336,653.14	-243,552.00	-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	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
Net Other Income	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
Net Income	<u><u>1,730,530.03</u></u>	<u><u>-60,888.00</u></u>	<u><u>-2,336,653.14</u></u>	<u><u>-243,552.00</u></u>	<u><u>-730,627.00</u></u>

San Gabriel Valley Municipal Water District

TREASURERS INVESTMENT REPORT
(Activity ending September 30, 2023)

Report Date September 30, 2023

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
45780PAT2	1013	\$240,000	INSTITUTION FOR SV MA US	Fixed Rate	07/29/2021	07/31/2023	0.300%	0.300%	\$ 1,444.01	MATURED
12527CFH0	1013	\$240,000	CFG COMMUNITY BANK MD US	Fixed Rate	08/11/2022	06/11/2025	3.600%	3.600%	\$ 8,640.00	MATURED
90352RBE4	1013	\$240,000	USALLIANCE FED CRE NY US	Fixed Rate	09/29/2020	09/29/2023	0.300%	0.300%	\$ 2,160.00	MATURED
87164XB96	1013	\$240,000	SYNCHRONY BK UT US	Fixed Rate	09/30/2021	09/23/2023	0.400%	0.400%	\$ 1,917.36	MATURED
05580AV87	1013	\$240,000	BMW BK OF NA NA UT US	Fixed Rate	02/28/2020	02/28/2024	1.650%	1.650%	\$ 13,854.58	\$240,000
07371CJ34	1013	\$240,000	BEALBANK NV US	Fixed Rate	03/02/2022	02/28/2024	1.500%	1.500%	\$ 5,414.79	\$240,000
87164DSF8	1013	\$200,000	SYNOVUS BK GA US	Fixed Rate	03/11/2021	03/11/2024	0.300%	0.300%	\$ 1,502.47	\$200,000
20033AS31	1013	\$240,000	COMENITY CAP BK UT US	Fixed Rate	03/15/2019	03/15/2024	2.950%	2.950%	\$ 31,307.05	\$240,000
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%	\$ 6,858.10	\$200,000
9497635A0	1013	\$240,000	WELLS FARGO BK NA SD US	Fixed Rate	12/30/2022	07/01/2024	4.600%	4.600%	\$ 7,349.91	\$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%	\$ 2,501.94	\$240,000
8562832ES	1013	\$240,000	STATE BANK INDIA IL US	Fixed Rate	08/22/2022	08/22/2024	3.350%	3.350%	\$ 8,040.00	\$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%	\$ -	\$240,000
23204HNU8	1013	\$240,000	CUSTOMERS BANK PA US	Fixed Rate	03/30/2023	09/30/2024	5.250%	5.250%	\$ -	\$240,000
69506YRY7	1013	\$240,000	PACIFIC WSTN BK CA US	Fixed Rate	09/30/2020	09/30/2024	0.400%	0.400%	\$ 2,396.05	\$240,000
795451CK7	1013	\$240,000	SALLIE MAE BANK UT US	Fixed Rate	11/18/2022	11/18/2024	4.950%	4.950%	\$ 5,891.18	\$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%	\$ 3,151.30	\$240,000
02007GH55	1013	\$240,000	ALLY BANK UT US	Fixed Rate	12/22/2022	12/23/2024	4.700%	4.700%	\$ 5,624.55	\$240,000
920133AN5	1013	\$240,000	VALLEY STRONG CRED CA US	Fixed Rate	02/10/2023	02/10/2025	5.100%	5.100%	\$ 7,109.26	\$240,000
12547CAN8	1013	\$240,000	CIBC BANK USA IL US	Fixed Rate	02/24/2023	02/24/2025	4.750%	4.750%	\$ -	\$240,000
31657FAU1	1013	\$240,000	FIELDPOINT PRVT B&CT US	Fixed Rate	09/29/2023	03/31/2025	5.600%	5.600%	\$ -	\$240,000
02589AB68	1013	\$240,000	AMER EXPRESS NATL UT US	Fixed Rate	03/31/2020	03/31/2025	1.550%	1.550%	\$ 11,149.81	\$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%	\$ -	\$240,000
81258PKJ1	1013	\$240,000	SEATTLE BANK WA US	Fixed Rate	06/02/2020	06/02/2025	0.750%	0.750%	\$ 5,700.95	\$240,000
29278TPN4	1013	\$240,000	ENERBANK UT US	Fixed Rate	06/19/2020	06/19/2025	0.650%	0.650%	\$ 4,812.43	\$240,000
37149CAY3	1013	\$240,000	GENERATIONS BK AR US	Fixed Rate	07/29/2022	07/29/2025	3.400%	3.400%	\$ 9,546.05	\$240,000
31982NAA4	1013	\$240,000	FIRST COMMONWEALTH PA U	Fixed Rate	08/08/2023	08/08/2023	5.500%	5.500%	\$ 1,121.10	\$240,000
48128UNC9	1013	\$240,000	JPMORGAN CHASE & C DE US	Fixed Rate	09/30/2020	09/30/2025	0.400%	0.400%	\$ 2,398.70	\$240,000
67054NBD4	1013	\$240,000	NUMERICA CREDIT UN WA US	Fixed Rate	12/29/2022	12/29/2025	4.750%	4.750%	\$ 8,557.82	\$240,000
90348JG53	1013	\$240,000	UBS BANK UT US	Fixed Rate	09/30/2020	09/30/2025	0.400%	0.400%	\$ 5,515.68	\$240,000
39573LBL1	1013	\$245,000	GREENSTATE CREDIT IA US	Fixed Rate	06/16/2021	06/16/2026	0.950%	0.950%	\$ 4,875.08	\$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
61765Q6N4	1013	\$240,000	MORGAN STANLEY BK UT US	Fixed Rate	11/19/2022	11/19/2026	1.100%	1.100%	\$ 3,949.15	\$240,000
50625LAZ6	1013	\$240,000	LAFAYETTE FED CRED MD US	Fixed Rate	03/30/2022	03/30/2027	2.400%	2.400%	\$ 8,174.47	\$240,000

San Gabriel Valley Municipal Water District

**TREASURERS INVESTMENT REPORT
(Activity ending September 30, 2023)**

Report Date September 30, 2023

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%		\$ 9,994.53	\$240,000
356436AJ4	1013	\$240,000	FREEDOM NW CREDIT ID US	Fixed Rate	05/09/2023	05/09/2028	5.000%	5.000%		\$ 4,043.84	\$240,000
24951TAX3	1013	\$240,000	DEPARTMENT OF COMM DC U	Fixed Rate	05/30/2023	05/30/2028	5.350%	5.350%		\$ 3,206.14	\$240,000
36266LAB2	1013	\$240,000	GHS FED CREDIT UNI NY US	Fixed Rate	08/17/2023	08/17/2028	5.600%	5.600%		\$ 1,141.48	\$240,000
										GRAND TOTAL CD'S PURCHASED	\$9,285,000

U S Treasury Note

91282CDV0	\$240,000	01/28/2022	01/31/2024	0.875%	0.875%	\$ 2,100.00
	\$240,000	02/28/2022	01/31/2024	0.875%	0.875%	\$ 2,100.00
91282CEX5	\$240,000	06/27/2023	06/30/2024	3.000%	3.000%	\$ 2,100.00
						\$ 3,560.22
GRAND TOTAL US TSY NOTE						\$720,000

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	\$ 2,577.41
* 07/10/23-09/29/23	UBS BANK USA DEPOSIT ACCOUNT ENTRY AS OF 07/11/23-09/29/23	INTEREST INCOME \$ 1.68 SECURITY/SYMBOL MMPFDI-919446	\$ 1.68
	UBS SELECT TREASURY INSTITUTIONAL FUND ENTRY AS OF 07/31/23-08/17/23	DIVIDEND INCOME \$ 477.98 SECURITY/SYMBOL SETXX	\$ 477.98
		G.T. Money Market Interest Received Total To Date:	\$ 3,057.07

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 SEPTEMBER 30, 2023	\$59,903.29
GRAND TOTAL INTEREST RECEIVED FOR ALL FY'S TO DATE	\$1,777,152.03

Local Agency Investment Fund (LAIF)

ACCT. NO.	INSTITUTION	PMIA AVERAGE MONTHLY EFFECTIVE YIELD	DAILY YIELD AT 09/30/23	BALANCE GEN. LEDGER
1009	LOCAL AGENCY INVESTMENT FUND - (GENERAL FUND)	3.534%	3.480%	\$16,628,355.92

San Gabriel Valley Municipal Water District

**TREASURERS INVESTMENT REPORT
(Activity ending September 30, 2023)**

Report Date September 30, 2023

GRAND TOTAL LOCAL AGENCY INVESTMENT FUND (SEE REPORT ATTACHED)	\$16,628,356
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SUMMARY	BALANCES
Local Agency Investment Fund - General Fund	\$ 16,628,355.92
UBS Certificates of Deposit Summary Total	\$ 9,285,000.00
UBS Select Treasury Notes	\$ 720,000.00
UBS Certificates of Deposit Interest Fiscal Year 2023-2024 At Date September 30, 2023	\$ 59,903.29
UBS Bank USA Deposit Account/UBS Select Treasury Institutional Fund	\$ 479.66
Money Balance Activities minus total dividend and interest income	\$ -
TOTAL INVESTMENTS	\$ 26,693,738.87
Cash Bank of America General Fund	\$2,291,083
Cash Bank of America Revolving Fund	\$126,787
Petty Cash Fund	\$300
GRAND TOTAL INVESTMENTS AND CASH LESS RESTRICTED FUNDS	\$ 29,111,908.87

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

10/18/2023
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 10/18/23



Quarterly Performance Quarter Ended 09/30/23

LAIF Apportionment Rate ⁽²⁾ :	3.59
LAIF Earnings Ratio ⁽²⁾ :	0.00009812538629360
LAIF Administrative Cost ^{(1)*} :	0.29
LAIF Fair Value Factor ⁽¹⁾ :	0.986307739
PMIA Daily ⁽¹⁾ :	3.48
PMIA Quarter to Date ⁽¹⁾ :	3.42
PMIA Average Life ⁽¹⁾ :	256

PMIA Average Monthly Effective Yields⁽¹⁾

September	3.534
August	3.434
July	3.305**
June	3.167
May	2.993
April	2.870

Pooled Money Investment Account Monthly Portfolio Composition ⁽¹⁾ 09/30/23 \$156.4 billion

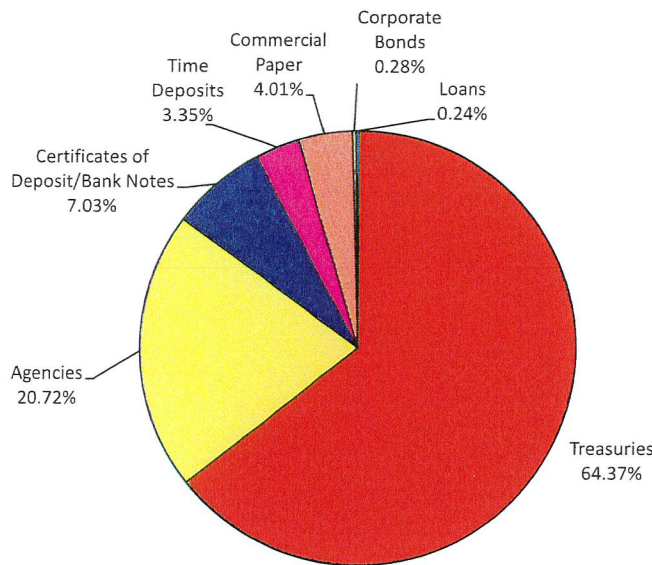


Chart does not include \$2,444,000.00 in mortgages, which equates to 0.002%. Percentages may not total 100% due to rounding.

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.

** Revised

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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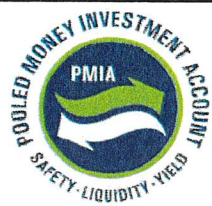


POOLED MONEY INVESTMENT ACCOUNT

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	5.670	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	2.642	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	0.406	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	0.226	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
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			

* Revised



State of California Pooled Money Investment Account Market Valuation 9/30/2023

Description	Carrying Cost Plus Accrued Interest Purch.	Amortized Cost	Fair Value	Accrued Interest
United States Treasury:				
Bills	\$ 22,254,070,554.26	\$ 22,573,811,770.05	\$ 22,564,630,000.00	NA
Notes	\$ 75,736,882,320.52	\$ 75,726,070,719.47	\$ 73,914,693,500.00	\$ 356,275,509.00
Federal Agency:				
SBA	\$ 289,931,607.50	\$ 289,931,607.50	\$ 289,283,255.27	\$ 1,343,664.44
MBS-REMICs	\$ 2,444,395.28	\$ 2,444,395.28	\$ 2,377,611.11	\$ 10,790.37
Debentures	\$ 8,932,358,628.46	\$ 8,931,933,628.45	\$ 8,757,401,100.00	\$ 56,448,847.70
Debentures FR	\$ -	\$ -	\$ -	\$ -
Debentures CL	\$ 800,000,000.00	\$ 800,000,000.00	\$ 778,527,500.00	\$ 6,377,986.50
Discount Notes	\$ 19,299,127,548.54	\$ 19,592,303,562.55	\$ 19,597,035,000.00	NA
Supranational Debentures	\$ 3,069,440,886.57	\$ 3,069,197,136.57	\$ 3,000,342,800.00	\$ 21,753,731.10
Supranational Debentures FR	\$ -	\$ -	\$ -	\$ -
CDs and YCDs FR	\$ -	\$ -	\$ -	\$ -
Bank Notes	\$ 100,000,000.00	\$ 100,000,000.00	\$ 99,998,636.29	\$ 3,441,666.67
CDs and YCDs	\$ 10,900,000,000.00	\$ 10,900,000,000.00	\$ 10,895,339,264.35	\$ 125,772,666.67
Commercial Paper	\$ 6,278,680,305.56	\$ 6,336,423,069.39	\$ 6,333,243,472.32	NA
Corporate:				
Bonds FR	\$ -	\$ -	\$ -	\$ -
Bonds	\$ 438,461,769.11	\$ 438,392,491.33	\$ 413,769,970.00	\$ 2,753,541.98
Repurchase Agreements	\$ -	\$ -	\$ -	\$ -
Reverse Repurchase	\$ -	\$ -	\$ -	\$ -
Time Deposits	\$ 5,243,000,000.00	\$ 5,243,000,000.00	\$ 5,243,000,000.00	NA
PMIA & GF Loans	\$ 380,513,000.00	\$ 380,513,000.00	\$ 380,513,000.00	NA
TOTAL	\$ 153,724,911,015.80	\$ 154,384,021,380.59	\$ 152,270,155,109.34	\$ 574,178,404.43

Fair Value Including Accrued Interest

\$ 152,844,333,513.77

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 (0.986307739).
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 \$19,726,154.79 or \$20,000,000.00 x 0.986307739.

SAN GABRIEL MUNICIPAL WATER DISTRICT

REVOLVING FUND RECAP

October 19, 2023

Check No.	Date	Description	Amount
12384-12387	10/19/23	Payroll Expense	\$ 32,434.81
EFT	10/19/23	Payroll Expense - PERS	\$ 9,431.76
Wires	10/19/23	Federal & State Payroll Taxes	\$ 17,691.08
EFT	10/19/23	State Compensation Insurance	\$ 1,221.34
12388	10/19/23	ATT	\$ 142.71
12389	10/19/23	Frontier	\$ 600.30
12390	10/19/23	SCE	\$ 799.89
12391	10/19/23	Frontier	\$ 108.61
<i>October 19, 2023 GRAND TOTAL DISBURSEMENTS.....</i>			<u><u>\$ 62,430.50</u></u>

REVOLVING FUND RECAP

November 02, 2023

Check No.	Date	Description	Amount
12392-12395	11/02/23	Payroll Expense	\$ 33,030.68
EFT	11/02/23	Payroll Expense - PERS	\$ 9,507.77
Wires	11/02/23	Federal & State Payroll Taxes	\$ 17,304.90
12396	11/02/23	Frontier	\$ 136.56
12397	11/02/23	The Gas Co	\$ 14.79
12398	11/02/23	Verizon Wireless	\$ 416.24
12399	11/02/23	Azusa Light & Water	\$ 54.78
12400	11/02/23	Frontier	\$ 143.87
<i>November 02, 2023 GRAND TOTAL DISBURSEMENTS.....</i>			<u><u>\$ 60,609.59</u></u>

REVOLVING FUND RECAP

November 13, 2023

Check No.	Date	Description	Amount
12401	11/13/23	Bruce H. Knoles	\$ 182.90
12402	11/13/23	Mark R Paulson	\$ 914.50
12403	11/13/23	Michael F Eng	\$ 1,581.13
12404	11/13/23	Miles L Prince	\$ 1,986.90
Wires	11/13/23	Federal & State Payroll Taxes	\$ 935.57
<i>November 13, 2023 GRAND TOTAL DISBURSEMENTS.....</i>			<u><u>\$ 5,601.00</u></u>

San Gabriel Valley Municipal Water District

11/08/23

Transactions by Account

Accrual Basis

As of October 31, 2023

Type	Date	Num	Name	Amount
1001 - General Fund Bank of America				
Bill Pmt -Check	10/11/2023	EFT	BeniComp (Corp)	-6,484.11
Bill Pmt -Check	10/23/2023	EFT	ExxonMobil	-2,326.33
Bill Pmt -Check	10/23/2023	43995	ACWA	-22,560.00
Bill Pmt -Check	10/23/2023	43996	ACWA-JPIA 2	-43,113.00
Bill Pmt -Check	10/23/2023	43997	Alliance Communication Services (Co...	-130.00
Bill Pmt -Check	10/23/2023	43998	Allison Alvarez	-70.00
Bill Pmt -Check	10/23/2023	43999	Applied Technology Group, Inc.	-320.00
Bill Pmt -Check	10/23/2023	44000	Athens (Corporation)	-303.00
Bill Pmt -Check	10/23/2023	44001	Baldwin Chan	-165.00
Bill Pmt -Check	10/23/2023	44002	Canyon City Printng, Inc (Corp)	-185.22
Bill Pmt -Check	10/23/2023	44003	Cash Revolving Fund	-70,000.00
Bill Pmt -Check	10/23/2023	44004	Catalyst San Gabriel Valley	-12,506.00
Bill Pmt -Check	10/23/2023	44005	Chameleon Beverage Company (Corp)	-1,817.40
Bill Pmt -Check	10/23/2023	44006	City Sierra Madre	-33,875.00
Bill Pmt -Check	10/23/2023	44007	Civic Publications (Corp)	-4,987.00
Bill Pmt -Check	10/23/2023	44008	D.H. Maintenance Services	-210.00
Bill Pmt -Check	10/23/2023	44009	DWR	-554,486.00
Bill Pmt -Check	10/23/2023	44010	Edd Hayashibara	-70.00
Bill Pmt -Check	10/23/2023	44011	Ernst & Young LLP (Attorney)	-2,058.00
Bill Pmt -Check	10/23/2023	44012	Evelyn Reyes	-683.86
Bill Pmt -Check	10/23/2023	44013	Frontier	-599.29
Bill Pmt -Check	10/23/2023	44014	Grainger (Corp)	-679.53
Bill Pmt -Check	10/23/2023	44015	Jeffrey Pineda	-80.00
Bill Pmt -Check	10/23/2023	44016	Kerber Automotive Service	-673.79
Bill Pmt -Check	10/23/2023	44017	Kun Niu	-80.00
Bill Pmt -Check	10/23/2023	44018	Lagerlof, LLP (Atty)	-1,653.05
Bill Pmt -Check	10/23/2023	44019	LOWES	-60.09
Bill Pmt -Check	10/23/2023	44020	Meredith Alling	-125.00
Bill Pmt -Check	10/23/2023	44021	Mission ACE Hardware (Corp)	-100.29
Bill Pmt -Check	10/23/2023	44022	Norfield Development Partners, LLC	-834.50
Bill Pmt -Check	10/23/2023	44023	Petty Cash	-180.86
Bill Pmt -Check	10/23/2023	44024	SBC Tax Collector	-20.88
Bill Pmt -Check	10/23/2023	44025	SCE	-919.37
Bill Pmt -Check	10/23/2023	44026	Securitas Technology Corporation	-709.02
Bill Pmt -Check	10/23/2023	44027	Sparkletts	-88.93
Bill Pmt -Check	10/23/2023	44028	Spectrum Enterprise	-479.96
Bill Pmt -Check	10/23/2023	44029	Stetson Engineers, Inc.	-383.50
Bill Pmt -Check	10/23/2023	44030	Suzanne Strong	-85.00
Bill Pmt -Check	10/23/2023	44031	Verizon Wireless (M2M)	-804.50
Total 1001 - General Fund Bank of America				-764,907.48
TOTAL				-764,907.48

San Gabriel Valley Municipal Water District

Transactions by Account

As of November 13, 2023

Type	Date	Num	Name	Amount
1001 - General Fund Bank of America				
Bill Pmt -Check	11/03/2023	EFT	BeniComp (Corp)	-1,578.01
Bill Pmt -Check	11/07/2023	EFT	BeniComp (Corp)	-8,750.00
Bill Pmt -Check	11/07/2023	EFT	BeniComp (Corp)	-1,288.94
Bill Pmt -Check	11/07/2023	EFT	BeniComp (Corp)	-341.88
Bill Pmt -Check	11/13/2023	EFT	ExxonMobil	-2,083.97
Bill Pmt -Check	11/13/2023	44032	ACWA JPIA Medical/Life	-27,358.11
Bill Pmt -Check	11/13/2023	44033	Albert Lu	-679.90
Bill Pmt -Check	11/13/2023	44034	Applied Technology Group, Inc.	-320.00
Bill Pmt -Check	11/13/2023	44035	Athens (Corporation)	-303.00
Bill Pmt -Check	11/13/2023	44036	ATT	-146.53
Bill Pmt -Check	11/13/2023	44037	Azusa Light & Water	-820.35
Bill Pmt -Check	11/13/2023	44038	BOA-Visa	-5,235.44
Bill Pmt -Check	11/13/2023	44039	C.J. Brown & Company ,CPAs	-6,542.00
Bill Pmt -Check	11/13/2023	44040	California Advocates, Inc. (Corp)	-8,000.00
Bill Pmt -Check	11/13/2023	44041	California Underground Facilities	-78.08
Bill Pmt -Check	11/13/2023	44042	Canyon City Printng, Inc (Corp)	-175.30
Bill Pmt -Check	11/13/2023	44043	Cash Revolving Fund	-70,000.00
Bill Pmt -Check	11/13/2023	44044	Cell Business Equipment	-192.95
Bill Pmt -Check	11/13/2023	44045	Cintas	-258.45
Bill Pmt -Check	11/13/2023	44046	Civiltec Inc (Corp)	-51,420.50
Bill Pmt -Check	11/13/2023	44047	D.H. Maintenance Services	-210.00
Bill Pmt -Check	11/13/2023	44048	DePinto Morales Communications, Inc.	-2,025.00
Bill Pmt -Check	11/13/2023	44049	DigAlert (Corporation)	-202.50
Bill Pmt -Check	11/13/2023	44050	EcoTech Services, Inc	-1,736.00
Bill Pmt -Check	11/13/2023	44051	Evelyn Reyes	-95.64
Bill Pmt -Check	11/13/2023	44052	Fish N Weeds (Corp)	-1,825.00
Bill Pmt -Check	11/13/2023	44053	Freeth/Moroz, Inc	-525.00
Bill Pmt -Check	11/13/2023	44054	Frontier	-839.75
Bill Pmt -Check	11/13/2023	44055	Glendora Plumbing	-264.00
Bill Pmt -Check	11/13/2023	44056	Grainger (Corp)	-24.14
Bill Pmt -Check	11/13/2023	44057	JIFCO, Inc	-16,477.97
Bill Pmt -Check	11/13/2023	44058	Lagerlof, LLP (Atty)	-1,575.00
Bill Pmt -Check	11/13/2023	44059	LOWES	-280.22
Bill Pmt -Check	11/13/2023	44060	Maria Jarmin	-139.25
Bill Pmt -Check	11/13/2023	44061	Mark Paulson (Expense)	-22.27
Bill Pmt -Check	11/13/2023	44062	Michael F Eng (Expense)	-57.64
Bill Pmt -Check	11/13/2023	44063	Mission ACE Hardware (Corp)	-43.10
Bill Pmt -Check	11/13/2023	44064	Morgan Company (Corp)	-967.68
Bill Pmt -Check	11/13/2023	44065	Public Water Agencies Group (PWAG)	-963.75
Bill Pmt -Check	11/13/2023	44066	SBC Tax Collector	-778.38
Bill Pmt -Check	11/13/2023	44067	Stetson Engineers, Inc.	-283.00
Bill Pmt -Check	11/13/2023	44068	US Postal Service	-227.20
Bill Pmt -Check	11/13/2023	44069	Valley Cities/ Gonzales Fence Inc.(Co...	-4,650.00
Bill Pmt -Check	11/13/2023	44070	Verizon Business Services	-593.60
Bill Pmt -Check	11/13/2023	44071	Walters Wholesale Electric Co	-287.50
Total 1001 - General Fund Bank of America				-220,667.00
TOTAL				-220,667.00

VISA Recap
September 21, 2023 - October 20, 2023

9/21/2023	Office Supply	Staples	Backup Office Battery	\$187.58								\$187.58	
9/25/2023	Staff	So Pt Hotel - Albert Lu	Conference Hotel	\$377.10								\$377.10	
9/27/2023	Office Supply	Staples	Office Supplies	\$94.61								\$94.61	
10/1/2023	Office Supply	Google	Workspace	\$93.60								\$93.60	
10/3/2023	Office Supply	Intuit Payroll	Annual Subscription Renewal	\$1,459.00								\$1,459.00	
10/9/2023	Office Supply	Board Meeting	Donuts	\$20.70								\$20.70	
10/10/2023	Office Supply	Apple.com	Icloud Storage	\$2.99								\$2.99	
10/17/2023	Office Supply	Amazon.com	Toner Cartridge	\$103.62								\$103.62	
10/17/2023	Office Supply	Zoom	Monthly Subscription	\$31.98								\$31.98	
10/18/2023	Office Supply	Apple.com	Icloud Storage	\$2.99								\$2.99	
10/18/2023	Staff	ACWA - Albert Lu	Webinar 10/24/23	\$50.00								\$50.00	
10/20/2023	Cap Exp	Costco Business	Board Room Chairs	\$2,811.27								\$2,811.27	
												\$0.00	
			Total	\$5,235.44			\$0.00		\$0.00		\$0.00	Total Due	\$5,235.44

AGENDA ACTION ITEM NO. 1

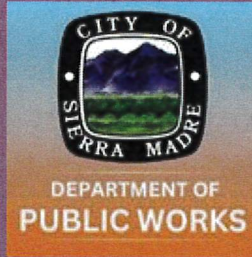
PRESENTATION ON THE CITY OF SIERRA MADRE'S GREENER YARDS PROGRAM

RECOMMENDED ACTION: None.


BACKGROUND: Last fiscal year, the District provided a \$50,000 grant to the City of Sierra Madre to develop the Sierra Madre Greener Yards Program. The first phase of the program provided free detailed plans and plant resources to residents who are looking to transform their lawns into drought-tolerant landscaping. The second phase scheduled to launch this Spring 2024 will provide plant vouchers to residents to purchase drought-tolerant plants.

BUDGET IMPACT: None

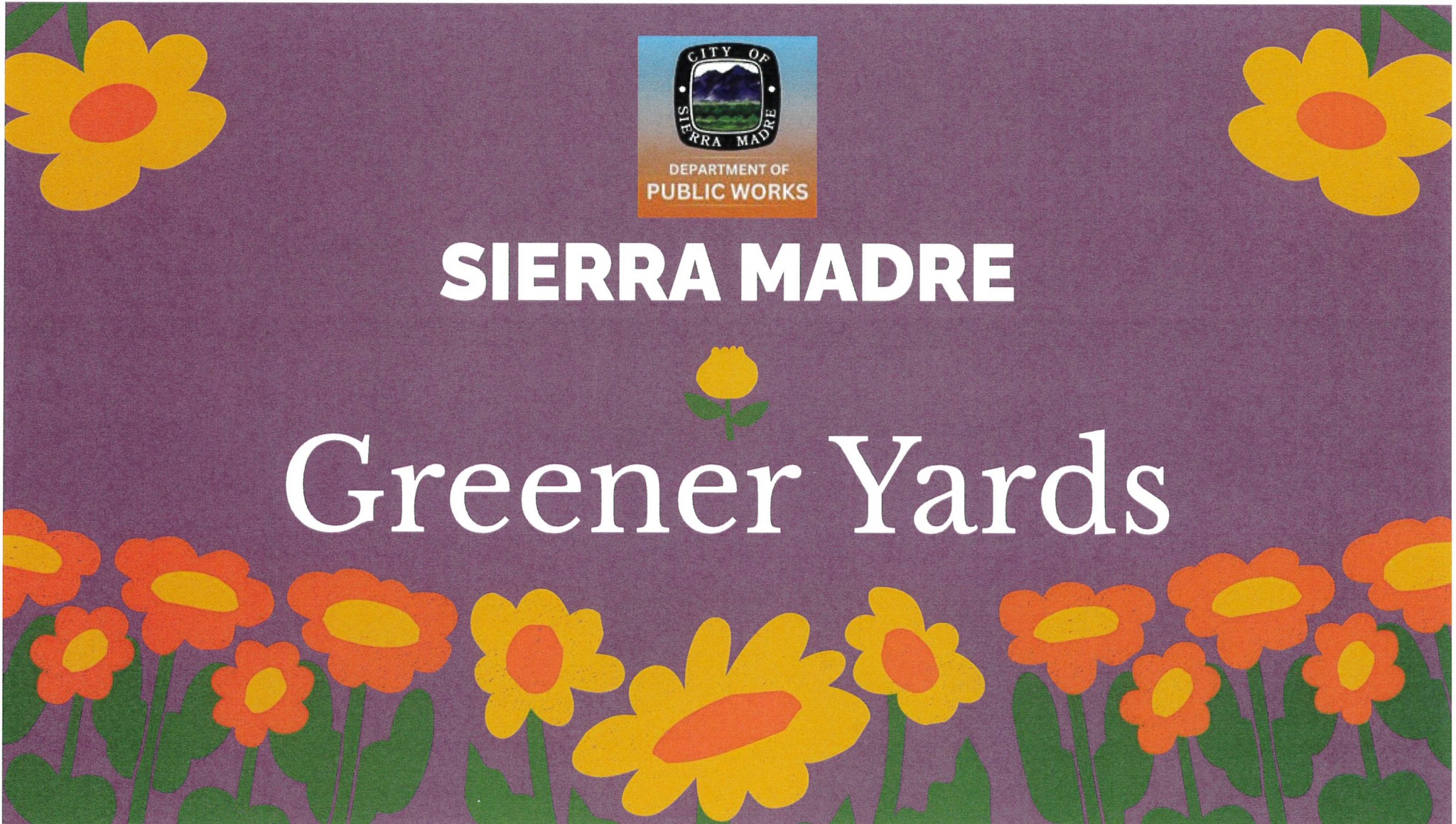
PRIOR BOARD ACTION: N/A



SIERRA MADRE



Greener Yards





WELCOME

1

Landscape
Designs

2

Plant
Voucher

3

Water
Conservation

Phase 1



Landscape Designs California Wild Gardens

- 5 different layout plans, all based on the most popular housing styles in Sierra Madre
- Beginner-friendly landscaping plants
- Water efficiency and drought resiliency



Design Philosophy

Wild Gardens



- **Diversity:** more resilience, higher success rate, extended blooming calendar
- **Reflect Nature:** 25%+ native species
- **Support Habitat:** birds, pollinators, soil food web, emergency foodshed
- **Save Water:** %50+ irrigation reduction, improve soil water retention, shade soil,

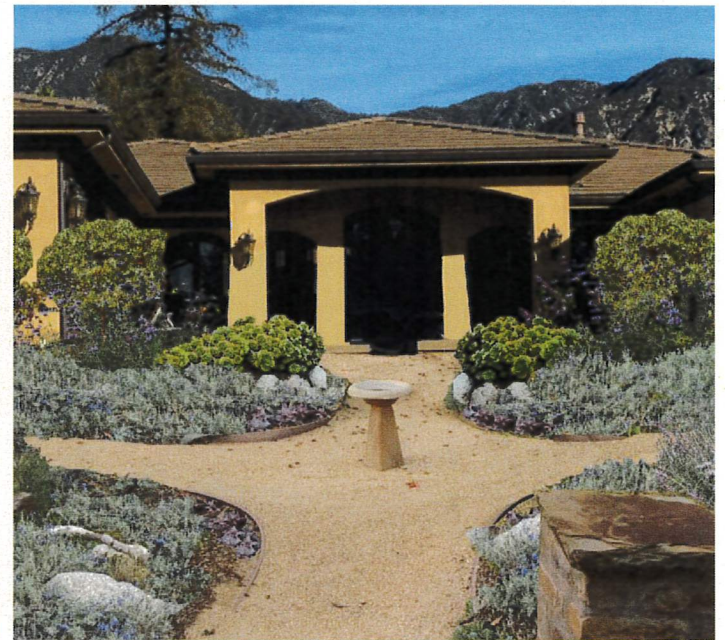




01 Contemporary

Variety of Native grasses, succulents, mounding rosemary, sage and sculptural accent trees.

Rainwater feature: Swales



02 Mediterranean

Mix of native and Mediterranean sages, lavenders, germander and bushy flowering CA natives (ribes).

Rainwater feature: Raingarden



03

Ranch

Deer Grass, Russian Sage, Autumn sage, thornless prickly pear and low-water hedges like coffeberry, toyon, yellow bells and westringia,

Rainwater feature: Laundry2Landscape GreyH2o

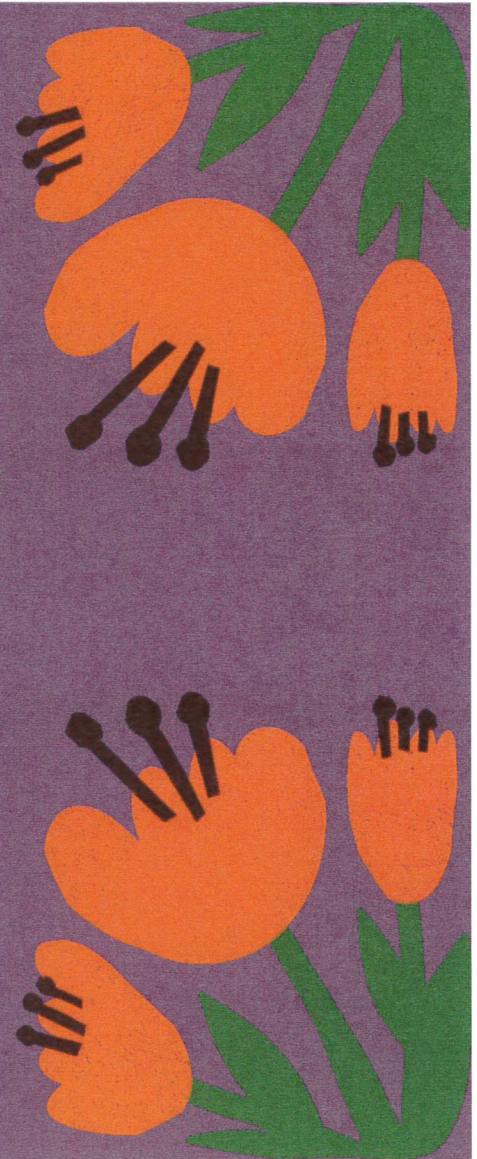


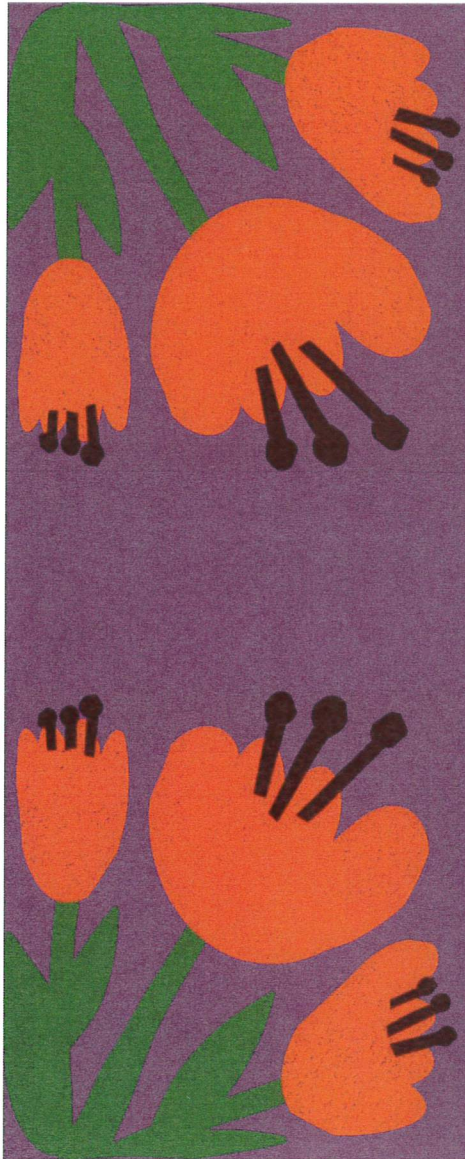
04

Spanish

All cactus and succulents, from desert spoon to acacia, yucca, agave, senecio, echeveria, etc. Coyote Brush groundcover. Xeric-ish when mature

Rainwater feature: Mounded Drainage Beds






05 Craftsman

A mix of colored and variegated foliage for year round appeal with long flowering shrub accents.
Rainwater feature: Dry streambed

Services / Water / Conservation / Sierra Madre Greener Yards

SIERRA MADRE GREENER YARDS

What is Sierra Madre Greener Yards?



To continue to promote water conservation in Sierra Madre, "Sierra Madre Greener Yards" is a program intended to further assist residents who are looking to transform their lawn to drought tolerant landscaping by providing detailed plans and plant resources.

The project includes 5 different layout plans, all based on the most popular housing styles in Sierra Madre. Plans will feature beginner friendly landscaping plants and styles that offer maximum water efficiency and drought resiliency.

Plans are available, free of cost, for download below and residents will be able to use these plans to help design their yard with plant types, descriptions, and measurements.

Landscape Designer: Rhona Lyon at California Wild Gardens
 Sierra Madre Greener Yards | California Wild Gardens (calwildgardens.com)

Click Each Link Down Below to Download Plans

- [Contemporary House Style Plans](#)
- [Mediterranean House Style Plans](#)
- [Ranch House Style Plans](#)
- [Spanish House Style](#)
- [Craftsman House Style](#)

Plans are available, free of cost, to download on the city website. Plants can be purchased at local nurseries or calwildgardens.com

Phase 2

Plant Voucher Program

- March to May 2024
- Optimal planting conditions
- Means to make changes effectively



GREENER YARDS

Sierra Madre's Greener Yards program is intended to further assist residents who are looking to transform their lawn to drought tolerant landscaping by providing detailed plans and plant resources. We are offering qualifying residents a voucher redeemable for up to \$200 worth of approved drought-tolerant plants in line with the landscape designs developed under the Sierra Madre Greener Yards project.

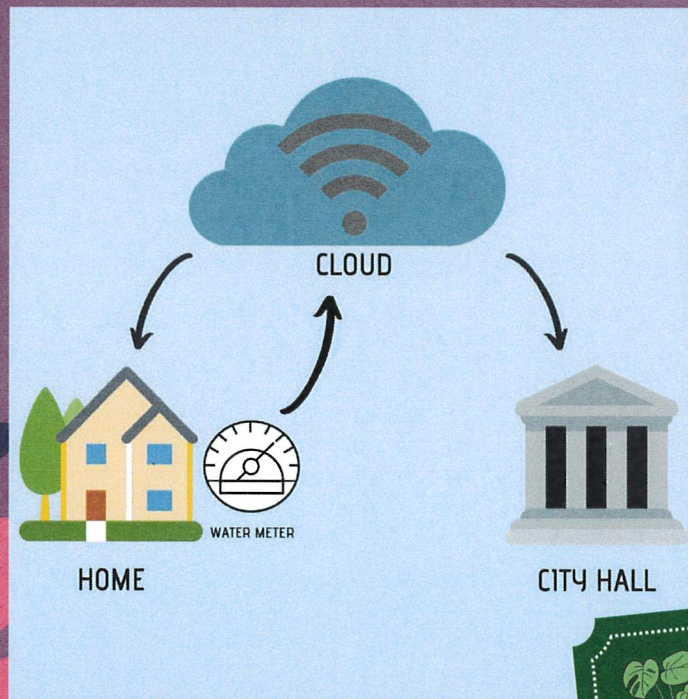
TO DOWNLOAD
LANDSCAPE DESIGNS
SCAN
ME



TO SIGN UP FOR
PLANT VOUCHER
SCAN
ME



Plant Voucher & AMI Portal



- 848 current users
- Timely Accurate Reads
- Reduction of CO2 emissions
- Centralized monitoring
- Increased Field Service Safety

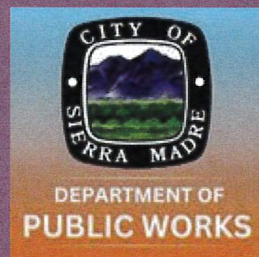


Water Conservation & Community Involvement

- Promoting water conservation
- Mitigating water waste
- Program marketing



THANK YOU!



AGENDA ACTION ITEM NO. 2

PROPOSAL FROM CIVILTEC ENGINEERING, INC. TO EXPAND GENERATOR REPLACEMENT STUDY, DEVELOP BID-READY DESIGN DOCUMENTS, AND PROVIDE BID AND CONSTRUCTION PHASE SUPPORT FOR GENERATOR REPLACEMENT, ELECTRICAL TESTING, AND ELECTRICAL EQUIPMENT UPGRADES

RECOMMENDED ACTION: Approve the proposal from Civiltec Engineering, Inc.

BACKGROUND: Civiltec Engineering, Inc. was asked to evaluate standby power options at six District facilities. Five of the existing standby generators are at end of life and require replacement. Riverside Meter Structure currently does not have standby power and the installation of a standby generator at the site was one of seven recommendations in the June 2015 Emergency Preparedness/Repair Study Update prepared by Stetson Engineers. Per a request by former Board President Wong, Civiltec also evaluated the feasibility of non-carbon-emitting standby power options. The study identified electrical deficiencies with at least three of the SCE meter pedestals and recommended additional electrical testing at all sites.

BUDGET IMPACT: None, there is sufficient funding in the adopted 2023-2024 budget for consultant activities.

PRIOR BOARD ACTION: N/A



Civil, Water, Wastewater, Drainage, Transportation and
Electrical/Controls Engineering • Construction Management • Surveying
California • Arizona

October 31, 2023

San Gabriel Valley Municipal Water District
1402 N Vosburg Dr
Azusa, CA 91702

Sent Via Email: stevekiggins@sgvmwd.com

ATTN: Steve Kiggins | Assistant General Manager

**RE: Proposal for Steve Kiggins
Generator Replacement Project Bid Documents and Construction Phase Services
Civiltec Proposal No. PU23035**

Dear Mr. Kiggins,

Civiltec engineering, inc. (Civiltec) appreciates the opportunity to provide engineering services to San Gabriel Valley Municipal Water District (SGVMWD) for the above referenced project. We understand this project is for drawings, specifications, bidding support, and construction oversight for SGVMWD's standby generator replacements at 6 pipeline control facilities in southern California. The project will consist of:

- 6-8 electrical drawings
- 1-2 Civil engineering drawings
- 1 Structural engineering drawing
- 5-8 specifications
- Expansion of SGVMWD's previous Standby Generator Replacement Project Study
- Drawings, specifications, and construction cost estimate
- Pre-bid job walk, startup and testing assistance
- Construction inspection services

AUTHORIZED RESPONSIBLE ENGINEERS

Civiltec proposes to assign Steven Walker, PE, Senior Project Engineer, as company representative. As the Senior Project Engineer, he is responsible for the firm's timely response and quality completion of this project. He has complete authority to handle all contractual matters, commit **Civiltec's** resources, and take all action necessary to meet your requests. **Civiltec** will manage this project directly from our Upland office.



SCOPE OF SERVICES

Based on our project understanding and professional experience, we have identified the following scope of services.

Phase 1. Study Expansion and Bid Documents Development

A previous Standby Generator Replacement Study was prepared by *Civiltec* with a focus of providing an analysis suitable for the District to consider the recommendations of an Electrical Contractor who had prepared a quotation to replace numerous standby emergency generators at the District's existing pipeline facilities. This effort was executed to confirm if the recommendations of the Electrical Contractor were appropriate and if the District could move forward with releasing the Contractor to perform the work as originally quoted. As development of the study project progressed the District has determined the best course of action is to obtain bids from several Electrical Contractors.

This proposal by *Civiltec* will expand the original study document, develop details, drawings, and specifications to allow the District to solicit bids from multiple Electrical Contractors. Additionally, this proposal will provide *Civiltec* services to assist with bidding and construction phase inspections, submittal reviews, and preparation of end of project record documents.

Task 1 – Generator Replacement Study

Civiltec will revise the original Standby Generator Replacement Study document to clarify the requirements for inspection/testing, coordination with Southern California Edison, preparation of inspection findings, and documentation required by the District selected the Electrical Contractor.

A draft of the expanded study document will be provided to the District for review followed by a video teleconference to discuss District comments for addressing/incorporating into the finalized document.

Task 2 – Development of Bid Ready Design Documents

Civiltec will develop drawings, specifications, and a construction cost estimate for use in solicitation of bids from Electrical Contractors. It is anticipated up to 11 drawings and 8 specifications will be developed.

Drawings of the 6 project sites will be developed electronically in AutoCAD 2023 relying on District record information and measurements taken during site visits. No professional site surveying is proposed.

An additional visit to the project generator sites by the *Civiltec* electrical and design engineers will be required and provided to obtain dimensional and additional equipment data for developing plan sheets.

Civiltec will prepare the District standard front-end documents with information specific to this project for their review and approval.

An initial draft set of design documents will be provided to the District for review. A video teleconference will be held to discuss District comments for addressing/incorporating into the finalized design documents.



Task 3 – Solicitation of Bids and Bid Phase Assistance

Civiltec will assist the District in identifying reputable local Electrical Contractors to provide bidding documents for solicitation of proposals. We will assist in answering bidder questions, preparing and issuing any addendums required, review received bids, and provide a letter of recommendation for selection of the contractor based on meeting required qualifications and best price.

Additionally, *Civiltec* will attend a mandatory bidders pre-bid job walk of the project construction sites to assist bidders understanding of the scope of work and requirements.

Task 4 – Project Progress Meetings

Civiltec will conduct weekly progress meetings throughout Phase 1 Tasks as needed to keep the project on track and all project team members informed of progress.

Phase-1 Deliverables:

- Draft and Final Expanded Standby Generators Replacement Project Study
- Draft and Final Design Documents
 - Drawings
 - Specifications
 - Cost Estimate
- Bid Solicitation Addenda
- Responses to Bidder Questions
- Letter of Recommendation Bid Acceptance

Phase-1 Meetings

- Generator replacement sites (6 sites)
 - *Civiltec* electrical and design engineers in attendance
- Design progress meetings (6 video teleconferences)
 - *Civiltec* electrical, structural, and design engineers in attendance as needed
- Draft design documents review meeting
 - *Civiltec* electrical, structural, and design engineers in attendance

Phase 2. Construction Phase Services

Civiltec will provide construction phase services as needed throughout project as described in the following tasks.

Task 1 – RFIs, Shop Drawing Reviews, Change Orders.

Services for this task include reviewing and responding to contractor requests for information, review of contractor shop drawing submittals, and negotiation assistance with the contractor for any change orders.



Task 2 – Construction Progress Meetings

Civiltec will participate in weekly construction progress meetings with the contractor and District as needed. We will provide electrical, structural, and other engineering disciplines for meetings as needed and appropriate for the current stage of the construction work.

Task 3 – Construction Field Representative Services

A *Civiltec* field representative will be provided as needed to document the project progress at each of the work sites, contractor safety measures, and equipment/materials onsite.

A *Civiltec* electrical engineer will perform a site visit to inspect installation and witness startup and testing. The electrical engineer will document the visit and make recommendations for corrections and/or modifications to the installed work.

Task 5 – Project Close Out Records

Civiltec will compile the contractor's marked up installation drawings into a record document of the project.

Phase-2 Deliverables:

- Reviewed Contractor Shop Drawings
- RFI Responses
- Change Orders
- Field Representative Inspection Reports
- Startup and Testing Witnessing Summary Memorandum
- Record Drawings

Phase-2 Meetings

- Pre-bid meeting at generator replacement sites (6 sites)
 - *Civiltec* electrical and design engineers in attendance
- Project construction progress meetings (16 video teleconferences over 12-mths)
 - *Civiltec* electrical, structural, and design engineers in attendance as needed
- Project close-out inspection of work at generator replacement sites (6 sites)
 - *Civiltec* electrical and design engineers in attendance

SCHEDULE

Civiltec is available to commence this project immediately. Based on the scope of work described previously, we can complete Phase 1 of this project by **January 15, 2024.**

Construction phase services will be highly dependent on equipment procurement lead times and therefore we propose the Phase 2 scope of work be performed on a time and materials basis to allow *Civiltec* to provide the District our services on as needed basis. We anticipate Phase 2 will consist of approximately 15 weeks submittal reviews and construction activities spread out over a 12 month period.



FEE DISTRIBUTION SCHEDULE

Professional fees for the above-described services in Phase-1 are estimated to be provided with the following breakdown and will be provided on a fixed fee basis as is most convenient for the District. A breakdown of Phase 1 hours and fees is included as Attachment A

Phase 1. Study Expansion and Bid Documents Development\$44,975.00

Professional fees for the Phase 2 described services will be billed on a time and materials, not to exceed basis as summarized below. A breakdown of Phase 2 hours and fees is included as Attachment A.

Phase 2. Construction Phase Services\$34,320.00

Our total fee for Phase 1 and Phase 2 in this proposal scope of work is summarized below:

Proposal Total \$79,295.00

Any work not authorized within 3 months of the date of this proposal will be subject to renegotiations based on current rates. Capacity and impact fees associated with application filings shall be the responsibility of SGVMWD. Additional services may be authorized by SGVMWD based on *Civiltec's* Hourly Rate Schedule. *Civiltec* will bill monthly for all work performed and expenses incurred on the project's behalf.

If this proposal is acceptable, please return a signed copy to our office. Again, thank you for the opportunity to submit this proposal. We look forward to working with you on this project. Please contact the undersigned directly with any comments or questions.

Sincerely,

Civiltec engineering, inc.

A handwritten signature in blue ink that reads 'C. Shem Hawes'.

C. Shem Hawes, PE (shawes@civiltec.com)
Principal, Senior Engineer

CSH:amv



Attachment(s): A – Breakdown of Hours and Fees

Proposal Acceptance:

The Terms and Conditions of this proposal are:

Accepted this _____ day of _____ 2023.

By Authorized SGVMWD Representative:

_____	_____
Name and Title	Date
W:\Proposals\2023 Proposals\Upland\PU23035.00-SGVMWD-Generator Replacemnt Constr Supp\Proposal\Drafts\DRAFT PU23035.00-SGVMWD-Generator Replacemnt Constr Supp.docx	

Attachment A
Breakdown of Hours and Fees

Generator Replacement Project Bid Documents and Construction Phase Services
 San Gabriel Valley Municipal Water District
 Proposal Number: PU23035

October 31, 2023

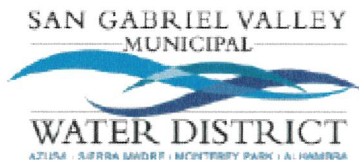
Scope of Work	HOURS							SubConst. Srv. (x1.15)	Reimb. Expenses	TOTAL COST
	PIC \$ 265.00	SrE \$ 250.00	PrEE \$ 225.00	SrE \$ 250.00	D/CAD \$ 140.00	CAD \$ 125.00	CO \$ 150.00			
Phase 1 - Study Expansion and Bid Documents Development (FF)	11	85	128	26	67	48	0	\$ -	\$ -	\$ 44,975
Task 1 - Expansion of Previous Study	1	3	12	0	6	0	0	\$ -	\$ -	\$ 4,555
Task 2 - Development of Bid Ready Design Docs and Site Visits	3	32	49	12	30	24	0	\$ -	\$ -	\$ 30,020
Task 3 - Bid Phase Assistance and Prebid Job Walk	2	8	10	0	1	0	0	\$ -	\$ -	\$ 4,920
Task 4 - Progress Meetings (6 Anticipated)	2	10	8	2	0	0	0	\$ -	\$ -	\$ 5,330
Phase 2 - Construction Phase Services (T&M NTE)	7	39	45	4	6	2	70	\$ -	\$ -	\$ 34,320
Task 1 - RFIs, Shop Drawings, Change Orders	1	6	10	2	0	0	0	\$ -	\$ -	\$ 4,515
Task 2 - Construction Progress Meetings (16 Meetings Over 12 Months Anticipated)	4	18	18	2	0	0	0	\$ -	\$ -	\$ 10,110
Task 3 - Construction Field Representative Services/Final Inspection/Startup Witnessing	1	12	14	0	0	0	70	\$ -	\$ -	\$ 16,915
Task 4 - Project Close Out Records	1	3	3	0	6	2	0	\$ -	\$ -	\$ 2,780
HOURS	18	124	173	30	73	50	70	\$ -	\$ -	538
BUDGET	\$ 4,770	\$ 31,000	\$ 38,925	\$ 7,500	\$ 10,220	\$ 6,250	\$ 10,500	\$ -	\$ -	\$ 79,295

PIC = Principal Engineer (PE) SrE = Senior Engineer (PE) SrPM = Sr. Project Manager
 PrEE = Principal Electrical Engr. (PE) PM = Project Manager SrPE = Sr. Project Engineer (PE)
 PE = Project Engineer (PE) SrD = Senior Designer SrSE = Sr. Staff Engineer (EIT)
 SE = Staff Engineer (EIT) D = Designer D/CAD = Designer/CAD Operator
 CAD = CAD Operator JE = Jr. Engineer (Intern) PT = Planning Technician
 Admin = Admin. Asst./Clerical CO = Construction Observer SM = Survey Manager (PLS)
 ZPS = Two Person Survey Crew SLS = Staff Land Surveyor (PLS) ST = Survey Technician



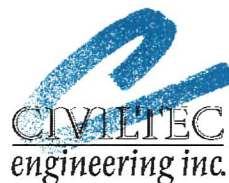
San Gabriel Valley Municipal Water District Standby Generator Replacement Study Azusa, California Final Report November 2nd, 2023

Prepared For:



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Chapter 1 - Introduction

This report documents the preliminary findings of a visual inspection of six facilities along San Gabriel Valley Municipal Water District's pipeline. The visual inspections were conducted on July 11th, 2023.

This report consists of an evaluation of various Pressure Reducing Stations and Flow Control Facilities owned by San Gabriel Valley Municipal Water District. We will evaluate standby generator and automatic transfer switch upgrade options as well as review a budgetary quote from DAP Electric to perform these upgrades. Additionally, we will review findings of our field visit and provide recommendations for various equipment deficiencies. In this report, we will also review solar power alternatives for the facilities in lieu of standby diesel generator installation, as well as provide a cost analysis of the two options.

The preliminary report is based on the following conditions and understanding:

- Findings, evaluations, and photographs were taken solely upon a visual inspection of each site. No physical or electrical tests were conducted to determine the actual functional condition of the equipment.
- Cost estimates included within this report are preliminary and intended to only give a basic order-of-magnitude estimate of future costs to implement the recommendations. Cost estimates are based upon RS Means electrical cost data. The costs include a 15% adjustment for overhead.
- Cost estimates do not include any engineering design costs.



Chapter 2 - Riverside Facility Evaluation

2.1 Existing Conditions

The existing service is 120/240-volt single-phase. The existing service meter pedestal is rated 100 Amps, 120/240VAC, single-phase, with a NEMA 3R enclosure. The service meter pedestal includes a 100-Amp main circuit breaker and includes a 50-Amp, two-pole, branch breaker that feeds existing Panel 'A'. There is currently no generator and automatic transfer switch (ATS) installed at this site. Figure 2.1 through Figure 2.3 illustrate the existing conditions and suggested placement of a new generator and automatic transfer switch.

Figure 2.1 – Existing Meter Pedestal Mounted on Concrete Block

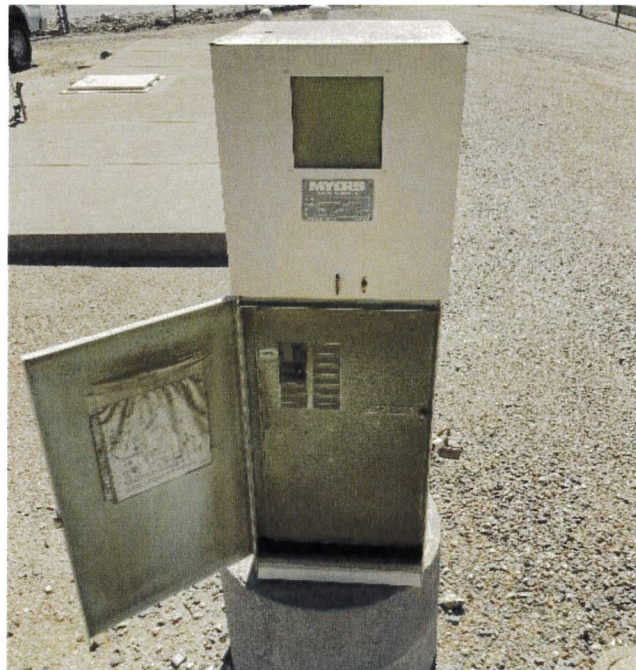


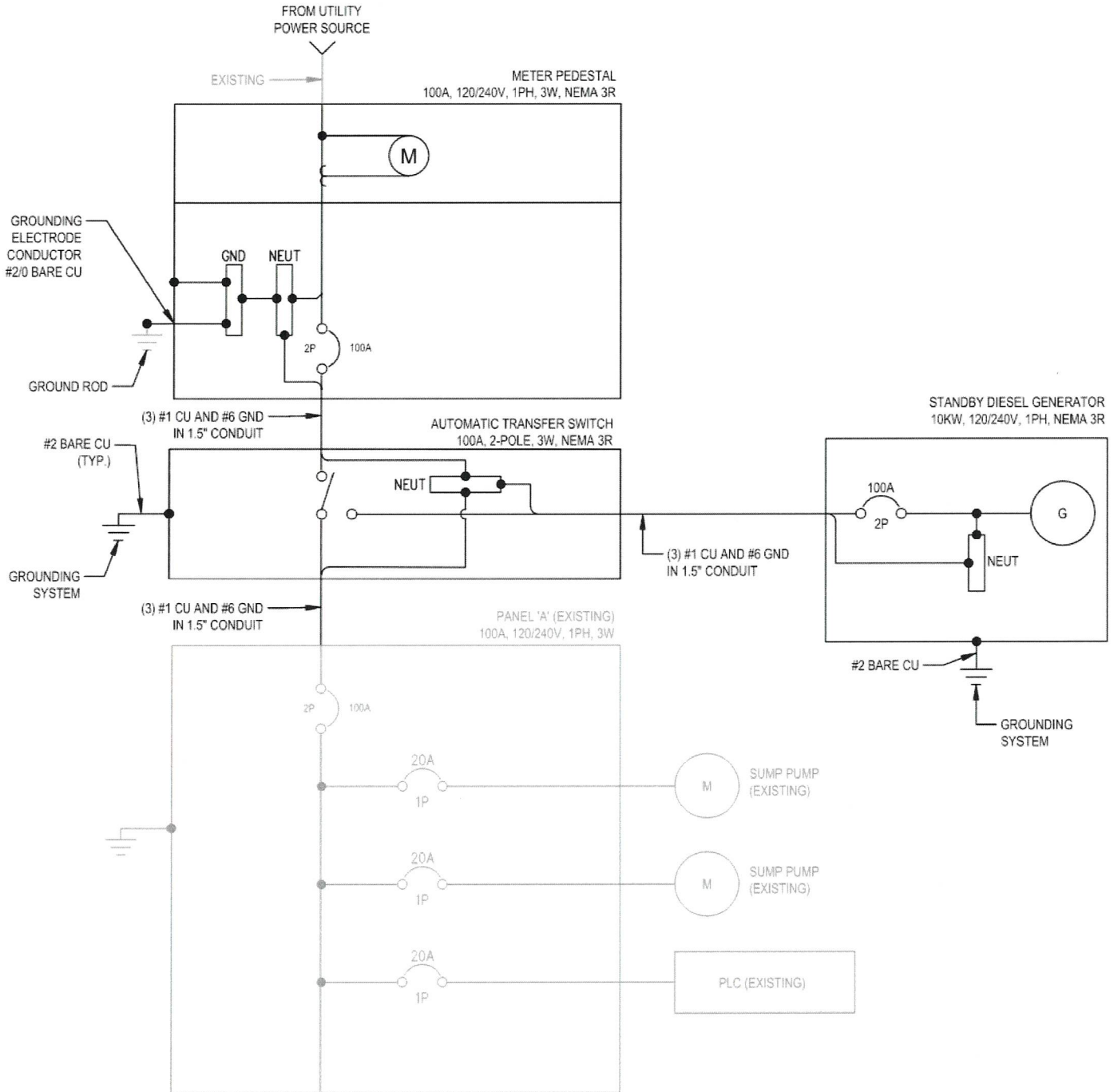
Figure 2.2 – Existing Load Center ‘Panel A’



Figure 2.3 - Suggested Location for New Generator



Exhibit 2.1 – Single Line Diagram



2.2 Recommendations

It is recommended that a new meter pedestal be installed on the existing concrete block. Install a new 10kW standby diesel generator on a new concrete pad; refer to Figure 2.3 for the suggested location. It is also recommended to install a new 100-Amp, 2-pole, automatic transfer switch (ATS) within a NEMA 3R outdoor-rated enclosure located adjacent to the meter pedestal. New conduits



Chapter 2 – Riverside Facility Evaluation

San Gabriel Valley Municipal Water District

will be installed from meter pedestal to ATS and from ATS to generator. Existing conduit that extends from meter pedestal to vault will need to be intercepted and fed by new conduit from the ATS.

Two new conduits/circuits will need to be installed that extend from existing lighting panel (Panel A) to the generator. These circuits will feed the generator battery charger and coolant heater. Existing Panel A includes adequate space to install two (2) new branch circuit breakers. Circuit amps to be per manufacturer recommendations.

If monitoring of equipment is desired by the District, ATS position and standby generator run status digital input signals can be wired back to the existing PLC-2 panel. A new conduit will need to be installed that will feed controls wiring from field components to existing PLC-2 panel in the vault.

The grounding system will consist of a new ground rod bonded to the meter pedestal, generator, and to the ATS. The ground rod will be ¾" x 10', copper clad, and installed within a traffic rated pre-cast concrete test well. The new grounding system will be tied-in to existing equipment in the vault.

2.3 Cost Estimate

The cost estimate for the recommended installation is in Table 2-1.

Table 2-1 – Riverside Facility Recommendations Cost Estimate

Item	Description	Unit	Qty	Unit Cost	Labor Cost	Total Item Cost	Total
1.0	Electrical						
	1.1 Demolition						\$ 3,600.00
	1 Meter Pedestal	Each	1		\$3,600	\$3,600	
	1.2 Switchgear - 600V						\$38,705
	1 Automatic Transfer Switch, 100A, 240V, 1PH, Nema 3R	Each	1	\$1,825	\$2,400	\$4,225	
	2 Metered Pedestal, 100A, 120/240V, 1PH	Each	1	\$12,280	\$3,600	\$15,880	
	3 Generator, 10kW, 240V 1PH, WP Enclosure	Each	1	\$13,800	\$4,800	\$18,600	
	1.3 Ductbank/Wire/Conduit						\$17,768
	1 Ductbank1	LF	50	\$25	\$2,400	\$3,650	
	2 #1 AWG; XHHW-2 CU	LF	200	\$2.0	\$3,600	\$4,000	
	3 #6 AWG; XHHW-2 CU	LF	80	\$1.4	\$2,400	\$2,508	
	4 #14 AWG (Control)	LF	300	\$0.3	\$2,400	\$2,475	
	5 1.5" Conduit	LF	120	\$1.8	\$2,400	\$2,610	
	6 1" Conduit	LF	100	\$1.3	\$2,400	\$2,525	
	1.4 Grounding System						\$5,280
	1 Ground Rods with Test Well	Each	1	\$300.0	\$1,200	\$1,500	
	2 #2 Bare Cu	LF	60	\$1.5	\$2,400	\$2,490	
	3 Exothermic Welds	Each	6	\$15.0	\$1,200	\$1,290	
	1.5 Testing						\$3,000
	1 Startup/Commissioning - Electrical Equipment	Each	1	\$3,000		\$3,000	
							TOTAL \$ 68,353.00
							Contingencies @ 15% \$ 10,300.00
							TOTAL COST \$ 78,653.00



Chapter 3 - Etiwanda Facility Evaluation

3.1 Existing Conditions

The existing service is rated 120/240-volt single-phase. The existing service meter pedestal is rated 100 Amps, 120/240VAC, single-phase, with a NEMA 3R enclosure. The service meter pedestal includes a 100-Amp main circuit breaker and a 100-Amp, two-pole, branch breaker that feeds the existing automatic transfer switch (ATS). The existing panelboard (Panel PP) includes a 100-Amp, 2-pole, main breaker. The meter pedestal short circuit rating is 10kA. There is currently a 7.5kW generator and a 100-amp ATS installed at this location. Figure 3.1 through Figure 3.3 illustrate the existing conditions and suggested placement of a new generator and automatic transfer switch.

Figure 3.1 – Existing Meter Pedestal Mounted on Concrete Pad



Figure 3.2 – Existing Load Center ‘Panel PP’

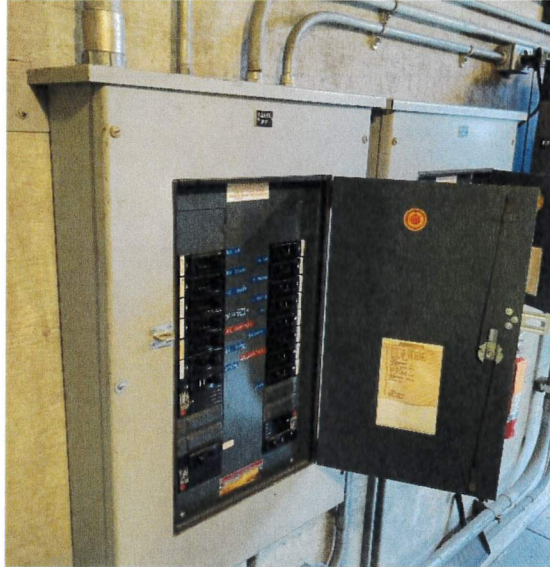


Figure 3.3 – Existing Generator to be Replaced



Figure 3.4 – Existing Automatic Transfer Switch to be Replaced



3.2 Recommendations

The existing meter pedestal short circuit rating is 10,000 Amps. The maximum available short circuit current per Southern California Edison Electrical Service Requirements tables is 42,000 Amps (Table 1-5, Short Circuit Current). Therefore, additional investigation is required to determine if the meter pedestal has an adequate short circuit rating. Using preliminary short circuit calculations, the SCE transformer location will need to be minimum of 120 ft from the existing meter pedestal so that the available short circuit current is attenuated to less than 10,000 Amps. We recommend that the installation contractor review existing equipment installation, location of SCE transformer, primary conductors, and upgrade the meter pedestal as required.

The existing 7.5kW generator and 100-amp automatic transfer switch will be replaced with a new 10kW generator and a new 125-Amp automatic transfer switch. The existing automatic transfer switch is a legacy unit and replacement parts may be difficult to obtain. Therefore, we recommend replacement of the automatic transfer switch. Existing power conductors, control conductors and equipment grounding conductors shall be replaced with new conductors while keeping the existing conduits.

The existing automatic transfer switch installation was reviewed to ensure that the neutral conductors are properly bonded and that the neutral-to-ground connection is established at the service meter pedestal. As discussed above, it is recommended that a short circuit calculation be performed at this site. Typical automatic transfer switch withstand ratings are 14kA. Therefore, if the available fault current is greater than 14kA, special (or current limiting) breakers can be installed on the line side of the ATS to increase the short circuit withstand rating.



Chapter 3 – Etiwanda Facility Evaluation

San Gabriel Valley Municipal Water District

We recommend that the existing grounding system is tested to ensure that the resistance from the grounding electrode to earth is 25 Ohms or less. If the grounding system resistance is found to be greater than 25 Ohms, an additional ground rod can be installed. Once the integrity of the grounding system is verified, the new generator and automatic transfer switch can be bonded to the grounding system.

3.3 Cost Estimate

The cost estimate for the recommended installation is in Table 3-1.

Table 3-1 – Etiwanda Facility Recommendations Cost Estimate

Item	Description	Unit	Qty	Unit Cost	Labor Cost	Total Item Cost	Total
1.0	Electrical						
	1.1 Demolition						\$ 7,200.00
	1 Existing Generator and ATS	Each	1		\$7,200	\$7,200	
	1.2 Switchgear - 600V						\$22,285
	1 Automatic Transfer Switch, 125A, 240V, 1PH, Nema 1	Each	1	\$1,285	\$2,400	\$3,685	
	2 Generator, 10kW, 240V 1PH, WP Enclosure	Each	1	\$13,800	\$4,800	\$18,600	
	1.3 Ductbank/Wire/Conduit						\$8,943
	1 #1 AWG; XHHW-2 CU	LF	180	\$2.0	\$3,600	\$3,960	
	2 #6 AWG; XHHW-2 CU	LF	80	\$1.4	\$2,400	\$2,508	
	3 #14 AWG (Control)	LF	300	\$0.3	\$2,400	\$2,475	
	1.4 Grounding System						\$3,815
	1 Ground Rod, Copper clad	Each	1	\$110.0	\$1,200	\$1,310	
	2 #2 Bare Cu	LF	40	\$1.5	\$1,200	\$1,260	
	3 Exothermic Welds	Each	3	\$15.0	\$1,200	\$1,245	
	1.5 Testing						\$5,500
	1 Startup/Commissioning - Electrical Equipment	Each	1	\$3,000		\$3,000	
	2 Test Grounding	Each	1	\$2,500		\$2,500	
TOTAL \$							47,743.00
Contingencies @ 15%							\$ 7,200.00
TOTAL COST \$							54,943.00



Chapter 4 - Emerald Facility Evaluation

4.1 Existing Conditions

The existing service is rated 120/240-volt single-phase. The existing meter panel is rated at 125-Amps, 120/240VAC, and single-phase. The existing meter panel is protected by a 125-amp main circuit breaker. The existing load center (Panel PP) is protected with a 100-amp main breaker. There is currently a 7.5kW generator and a 100-amp automatic transfer switch installed at this location.

Figure 4.1 – Existing Service Pedestal Mounted on Concrete Pad



Figure 4.2 – Existing Load Center ‘Panel PP’

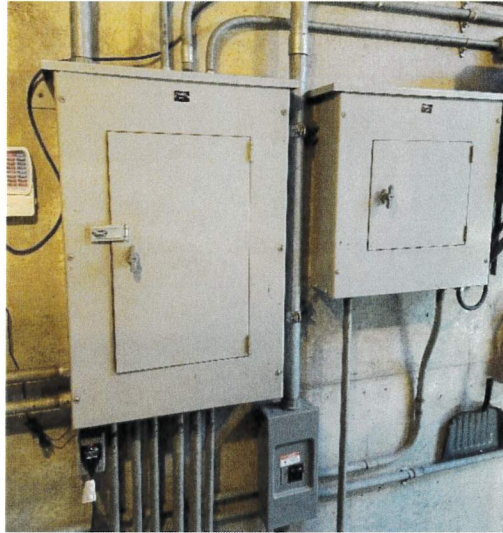


Figure 4.3 – Existing Generator to be Replaced.



Figure 4.4 – Existing Automatic Transfer Switch to be Replaced.



4.2 Recommendations

The existing 7.5kW generator and 100-amp automatic transfer switch will be replaced with a new 10kW generator and a new 125-Amp automatic transfer switch. Existing power conductors, control conductors and grounding conductors shall be replaced with new conductors while keeping the existing conduits.

We could not verify the short circuit rating of the existing meter panel main breaker. The main breaker is a Murray EP212, 2-Pole, 125A Breaker. This breaker is a legacy model. Additionally, we could not identify the short circuit marking on the breaker. Per UL rating standards, if the breaker is not marked with a short circuit interrupting rating, the breaker short circuit rating defaults to 5kA. The available short circuit current from SCE could easily exceed this value and result in a hazardous condition for personnel. Additionally, various models of Murray breakers have a documented history of failing. We recommend that the meter panel and main breaker are replaced with a new meter panel that is UL listed as an assembly and includes a short circuit rating greater than the available fault current. Additionally, we recommend that a short circuit calculation is performed so that the minimum short circuit rating of the meter panel main breaker can be determined.

The existing automatic transfer switch installation was reviewed to ensure that the neutral conductors are properly bonded and that the neutral-to-ground connection is established at the service meter pedestal.

We recommend that the existing grounding system is tested to ensure that the resistance from the grounding electrode to earth is 25 Ohms or less. If the grounding system resistance is found to be greater than 25 Ohms, an additional ground rod can be installed. Once the integrity of the grounding system is verified, the new generator and automatic transfer switch can be bonded to the grounding system.



Chapter 4 – Emerald Facility Evaluation

San Gabriel Valley Municipal Water District

4.3 Cost Estimate

The cost estimate for the recommended installation is in Table 4-1.

Table 4-1 – Emerald Facility Recommendations Cost Estimate

Item	Description	Unit	Qty	Unit Cost	Labor Cost	Total Item Cost	Total
1.0	Electrical						
	1.1 Demolition						\$ 10,800.00
	1 Existing Meter Panel	Each	1		\$3,600	\$3,600	
	2 Existing ATS	Each	1		\$3,600	\$3,600	
	3 Existing Generator	Each	1		\$3,600	\$3,600	
	1.2 Switchgear - 600V						\$38,165
	1 Automatic Transfer Switch, 125A, 240V, 1PH, Nema 1	Each	1	\$1,285	\$2,400	\$3,685	
	2 Metered Panel, 100A, 120/240V, 1PH	Each	1	\$12,280	\$3,600	\$15,880	
	3 Generator, 10kW, 240V 1PH, WP Enclosure	Each	1	\$13,800	\$4,800	\$18,600	
	1.3 Ductbank/Wire/Conduit						\$11,508
	1 #1 AWG; XHHW-2 CU	LF	200	\$2.0	\$3,600	\$4,000	
	2 #6 AWG; XHHW-2 CU	LF	80	\$1.4	\$2,400	\$2,508	
	3 #14 AWG (Control)	LF	300	\$0.3	\$2,400	\$2,475	
	4 1" Conduit	LF	100	\$1.3	\$2,400	\$2,525	
	1.4 Grounding System						\$5,280
	1 Ground Rods with Test Well	Each	1	\$300.0	\$1,200	\$1,500	
	2 #2 Bare Cu	LF	60	\$1.5	\$2,400	\$2,490	
	3 Exothermic Welds	Each	6	\$15.0	\$1,200	\$1,290	
	1.5 Testing						\$5,500
	1 Startup/Commissioning - Electrical Equipment	Each	1	\$3,000		\$3,000	
	2 Test Grounding	Each	1	\$2,500		\$2,500	
							TOTAL \$ 71,253.00
							Contingencies @ 15% \$ 10,700.00
							TOTAL COST \$ 81,953.00



Chapter 5 - San Dimas Facility Evaluation

5.1 Existing Conditions

The existing service is 120/240-volt, 1-Phase. The facility includes a service-rated switchboard that includes a 125A main breaker. The switchboard houses the automatic transfer switch in one of the switchboard sections. There is currently a 17kW, 240V, single phase diesel generator with a 150A circuit breaker that feeds the automatic transfer switch. The short circuit current rating of the main switchboard is 10kA.

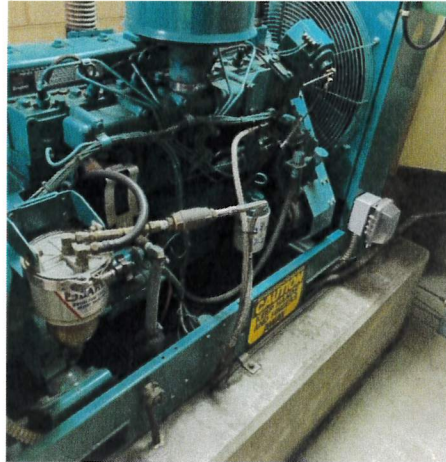
Figure 5.1 – Main Switchboard



Figure 5.2 – Automatic Transfer Switch Section



Figure 5.3 – Existing Generator to be Replaced.



5.2 Recommendations

The existing 25kW generator and automatic transfer switch will be replaced with a new 30kW generator and a new 150-amp automatic transfer switch (ATS). Existing power conductors, control conductors, and grounding conductors shall be replaced with new upsized conductors. We recommend installing new #1/0 AWG phase conductors and #6 AWG equipment grounding conductor in existing conduit that extends from the generator to the automatic transfer switch. The new generator and ATS shall be bonded to the existing grounding system.

We recommend that the existing grounding system is tested to ensure that the resistance from the grounding electrode to earth is 25 Ohms or less.



5.3 Cost Estimate

The cost estimate for the recommended installation is in Table 5-1.

Table 5-1 – San Dimas Facility Recommendations Cost Estimate

Item	Description	Unit	Qty	Unit Cost	Labor Cost	Total Item Cost	Total
1.0	Electrical						
	1.1 Demolition						\$ 10,800.00
	1 Existing ATS	Each	1		\$4,800	\$4,800	
	2 Existing Generator	Each	1		\$6,000	\$6,000	
	1.2 Switchgear - 600V						\$45,133
	1 Automatic Transfer Switch,150A, 240V, 1PH, Nema 1	Each	1	\$1,725	\$2,400	\$4,125	
	2 Metered Panel, 100A, 120/240V, 1PH	Each	1	\$12,280	\$3,600	\$15,880	
	3 Generator,30kW, 240V 1PH,	Each	1	\$19,128	\$6,000	\$25,128	
	1.3 Ductbank/Wire/Conduit						\$11,214
	1 #1/0 AWG; XHHW-2 CU	LF	120	\$2.4	\$3,600	\$3,882	
	2 #6 AWG; XHHW-2 CU	LF	40	\$1.4	\$2,400	\$2,454	
	3 #14 AWG (Control)	LF	160	\$0.3	\$2,400	\$2,440	
	4 1" Conduit	LF	30	\$1.3	\$2,400	\$2,438	
	1.4 Misc						\$5,900
	1 Louvered Metal Door	Each	1	\$800.0	\$1,200	\$2,000	
	2 Generator Exhaust Shroud	Each	1	\$1,500.0	\$2,400	\$3,900	
	1.5 Testing						\$5,500
	1 Startup/Comissioning - Electrical Equipment	Each	1	\$3,000		\$3,000	
	2 Test Grounding	Each	1	\$2,500		\$2,500	
							TOTAL \$ 78,546.50
							Contingencies @ 15% \$ 11,800.00
							TOTAL COST \$ 90,346.50



Chapter 6 - Big Dalton Facility Evaluation

6.1 Existing Conditions

The existing service is rated 120/240-volt single-phase. The existing meter panel is rated at 125-Amps, 120/240VAC, and single-phase. The existing meter panel is protected by a 125-amp, 2-pole, main circuit breaker. There is currently a 7.5kW generator and a 100-amp automatic transfer switch installed at this location.

Figure 6.1 – Existing Service Pedestal Mounted on Concrete Block



Figure 6.2 – Existing Generator to be Replaced.



6.2 Recommendations

The existing 7.5kW generator and 100-amp automatic transfer switch will be replaced with a new 10kW generator and a new 125-amp automatic transfer switch. Existing power conductors, control conductors and grounding conductors shall be replaced with new conductors while keeping the existing conduits. The new generator and ATS shall be grounded to the existing grounding system.



Chapter 6 – Big Dalton Facility Evaluation

San Gabriel Valley Municipal Water District

We could not verify the short circuit rating of the existing meter panel main breaker. The main breaker is a Murray EP212, 2-Pole, 125A Breaker. This breaker is a legacy model. Per UL rating standards, if the breaker is not marked with a short circuit interrupting rating, the breaker short circuit rating defaults to 5kA. The available short circuit value from SCE could easily exceed this value and result in a hazard for personnel. Additionally, various models of Murray breakers have a documented history of failing. We recommend that the meter panel and main breaker are replaced with a new meter panel that is UL listed as an assembly and includes a short circuit rating greater than the available fault current. Additionally, we recommend that a short circuit calculation is performed so that the required minimum short circuit rating of the meter panel main breaker can be determined.

The existing automatic transfer switch installation was reviewed to ensure that the neutral conductors are properly bonded and that the neutral-to-ground connection is established at the service meter pedestal.

We recommend that the existing grounding system is tested to ensure that the resistance from the grounding electrode to earth is 25 Ohms or less. If the grounding system resistance is found to be greater than 25 Ohms, an additional ground rod can be installed. Once the integrity of the grounding system is verified, the new generator and automatic transfer switch can be bonded to the grounding system.

6.3 Cost Estimate

The cost estimate for the recommended installation is in Table 6-1 below.

Table 6-1 – Big Dalton Facility Recommendations Cost Estimate

Item	Description	Unit	Qty	Unit Cost	Labor Cost	Total Item Cost	Total
1.0	Electrical						
	1.1 Demolition						\$ 10,800.00
	1 Existing Meter Panel	Each	1	\$0	\$3,600	\$3,600	
	2 Existing ATS	Each	1	\$0	\$3,600	\$3,600	
	3 Existing Generator	Each	1	\$0	\$3,600	\$3,600	
	1.2 Switchgear - 600V						\$38,165
	1 Automatic Transfer Switch, 125A, 240V, 1PH, Nema 1	Each	1	\$1,285	\$2,400	\$3,685	
	2 Metered Panel, 100A, 120/240V, 1PH	Each	1	\$12,280	\$3,600	\$15,880	
	3 Generator, 10kW, 240V 1PH, WP Enclosure	Each	1	\$13,800	\$4,800	\$18,600	
	1.3 Ductbank/Wire/Conduit						\$11,508
	1 #1 AWG; XHHW-2 CU	LF	200	\$2.0	\$3,600	\$4,000	
	2 #6 AWG; XHHW-2 CU	LF	80	\$1.4	\$2,400	\$2,508	
	3 #14 AWG (Control)	LF	300	\$0.3	\$2,400	\$2,475	
	4 1" Conduit	LF	100	\$1.3	\$2,400	\$2,525	
	1.4 Grounding System						\$5,190
	1 Ground Rods with Test Well	Each	1	\$300.0	\$1,200	\$1,500	
	2 #2 Bare Cu	LF	30	\$1.5	\$2,400	\$2,445	
	3 Exothermic Welds	Each	3	\$15.0	\$1,200	\$1,245	
	1.5 Testing						\$5,500
	1 Startup/Commissioning - Electrical Equipment	Each	1	\$3,000		\$3,000	
	2 Test Grounding	Each	1	\$2,500		\$2,500	
TOTAL \$							71,163.00
Contingencies @ 15%							\$ 10,700.00
TOTAL COST \$							81,863.00



Chapter 7 - Azusa Facility Evaluation

7.1 Existing Conditions

The existing service is rated 120/240-volt single-phase. The Azusa Light & Water service meter is A18635. The service entrance section is protected by a 60-amp main breaker and includes a short circuit current rating of 25kA based on Square D FA model breaker. There is currently a 10.0kW, single phase generator and a 70-amp automatic transfer switch installed at this location.

Figure 7.1 – Existing Automatic Transfer Switch to be Replaced.



Figure 7.2 – Existing Generator to be Replaced.



7.2 Recommendations

The existing 10.0kW generator and 70-amp automatic transfer switch will be replaced with a new 10kW generator and a new 125-amp automatic transfer switch. Existing power conductors, control



conductors and equipment grounding conductors shall be replaced with new conductors while keeping the existing conduits. The new generator and ATS shall be bonded to the existing grounding system.

The existing automatic transfer switch installation was reviewed to ensure that the neutral conductors are properly bonded and that the neutral-to-ground connection is established at the service meter pedestal.

We recommend that the existing grounding system is tested to ensure that the resistance from the grounding electrode to earth is 25 Ohms or less. If the grounding system resistance is found to be greater than 25 Ohms, an additional ground rod(s) can be installed. Once the integrity of the grounding system is verified, the new generator and automatic transfer switch can be bonded to the grounding system.

7.3 Cost Estimate

The cost estimate for the recommended installation is in Table 7-1 below.

Table 7-1 – Azusa Facility Recommendations Cost Estimate

Item	Description	Unit	Qty	Unit Cost	Labor Cost	Total Item Cost	Total
1.0	Electrical						
	1.1 Demolition						\$ 7,200.00
	1 Existing ATS	Each	1		\$3,600	\$3,600	
	2 Existing Generator	Each	1		\$3,600	\$3,600	
	1.2 Switchgear - 600V						\$22,285
	1 Automatic Transfer Switch, 125A, 240V, 1PH, Nema 1	Each	1	\$1,285	\$2,400	\$3,685	
	2 Generator, 10kW, 240V 1PH, WP Enclosure	Each	1	\$13,800	\$4,800	\$18,600	
	1.3 Ductbank/Wire/Conduit						\$11,174
	1 #1 AWG; XHHW-2 CU	LF	120	\$2.0	\$3,600	\$3,840	
	2 #6 AWG; XHHW-2 CU	LF	40	\$1.4	\$2,400	\$2,454	
	3 #14 AWG (Control)	LF	120	\$0.3	\$2,400	\$2,430	
	4 1" Conduit	LF	40	\$1.3	\$2,400	\$2,450	
	1.4 Grounding System						\$5,190
	1 Ground Rods with Test Well	Each	1	\$300.0	\$1,200	\$1,500	
	2 #2 Bare Cu	LF	30	\$1.5	\$2,400	\$2,445	
	3 Exothermic Welds	Each	3	\$15.0	\$1,200	\$1,245	
	1.5 Testing						\$5,500
	1 Startup/Commissioning - Electrical Equipment	Each	1	\$3,000		\$3,000	
	2 Test Grounding	Each	1	\$2,500		\$2,500	
							TOTAL \$ 51,349.00
							Contingencies @ 15% \$ 7,800.00
							TOTAL COST \$ 59,149.00



Chapter 8 - Solar Power Alternative

The cost of installing solar energy systems equipped with battery storage has been steadily decreasing. Additionally, photovoltaic technology has been slowly but steadily improving. Solar panels are approximately 20% more efficient now than they were 5 years ago. However, industrial installations have two major disadvantages; high upfront costs and intermittency of available sunlight. Although the problem of intermittency can be mitigated by greater (or higher density) battery storage, the required size of battery storage increases sharply as the length of the utility power outage increases. Another major disadvantage of solar energy systems are space constraints.

For example, if the utility outage lasted one hour for a 3kW electrical load, and 10kW of solar panels and battery storage is installed, the solar panels would provide all the power required (assuming the utility power outage happened during daylight hours). However, if the outage lasted for three days, the battery storage would need to be approximately 180 - 216kW-Hr. This would result in a battery storage system of 250kW-Hr. If the utility outage lasted for longer than three days, the energy from the solar/battery system would be exhausted, while the standby generator option would continue to provide power (assuming that it could be re-fueled daily). The 3kW electrical load stated above is considered the typical electrical load (for each of the sites discussed in this evaluation report) and we will use this value for the purposes of sizing the Solar Power System. The costs outlined in Table 8-1 below are the result of this assumption. We will use the cost data found in Table 8-1 for comparison with the standby diesel generator option.

The following analysis is an estimated cost analysis for a solar power alternative. A typical solar panel system capable of generating 10kW or 30kW power will require solar panels, an industrial grade battery storage system and inverter to convert AC power to DC power. The following table shows the estimated cost analysis breakdown for the essential equipment necessary for solar power system.

Table 8-1 – Estimated Cost Analysis for Solar Power System

Item	Quantity	Units	Material	
			\$/Unit	Extended
Solar Panel (10kW)	5	EA	\$ 32,500.00	\$ 162,500.00
Solar panel (30kW)	1	EA	\$ 97,500.00	\$ 97,500.00
Industrial Battery Storage System (250kWH)	6	EA	\$ 282,000.00	\$ 1,692,000.00
Grid Tied Inverter (10kW)	5	EA	\$ 3,150.00	\$ 15,750.00
Grid Tied Inverter (30kW)	1	EA	\$ 3,725.00	\$ 3,725.00
Subtotal:				\$ 1,971,475.00
Plus 15% Adjustment for Overhead:				\$ 295,721.25
Total:				\$ 2,267,196.25

The lump sum cost of the solar panel is calculated using the following calculation: $\frac{\$3.25}{W} * 10kW$. Other cost such as conductors, conduits, testing, array and structure installation, and regular maintenance will add approximately \$725,600 to the total cost in table 8-1 above.

In terms of space, each facility will also require an adequate amount of space when it comes to housing the solar panel system. Using a typical solar panel manufacturer as an example, the area of an individual panel is approximately 23.5 ft² per 300W. This translates to an area of roughly 798 ft²



for a 10kW solar panel system. The space required for a battery storage system is roughly 80 ft². The total space required for the solar panels and the battery storage system is roughly 878 ft². Other contributing factors such as the space required for maintenance and repairs will also increase the space requirements.

Chapter 9 - General Recommendations

9.1 Site Priority

We recommend that first priority is given to the Riverside Meter Structure Facility. Although the existing control panel (PLC-2) has UPS backup, it has limited runtime and the system is vulnerable to extended utility power outages. We recommend that second priority is given to the Emerald and Big Dalton Pressure Reducing Stations. At these sites, we recommend that the meter panels be replaced with meter panels that are UL listed and meet current utility standards. We recommend third priority for all remaining sites.

9.2 Permits

The installation of new standby diesel generators typically triggers South Coast Air Quality Management District (SCAQMD) regulations and permitting requirements. However, standby generators rated 37.2kW (50BHP) or less do not require a permit to construct from SCAQMD.

9.3 General Requirements

Standby diesel generator installations require the following:

- Five (5) feet clearance around generator footprint for maintenance actions.
- Concrete pad with enough compression strength to allow for generator and fuel weight; sized specifically for generator footprint.
- Bollards where generators are installed in vehicular traffic areas.
- Seismic Zone anchoring.

9.4 DAP Electric Quote

We have reviewed the DAP Electric Inc. quote and have no exceptions to the items that it contains. DAP Electric proposes to install two (2) ratings of standby generators; 10kW and 30kW. We agree with this approach. Minimizing the ratings of the standby generators will allow the District to standardize on parts and will increase maintenance efficiency. Additionally, the overall cost of their quote is inline with our preliminary cost estimates.



Chapter 10 - Conclusions

Based on this study's findings, the following recommendations are made:

- Riverside Meter Structure:
 - Replace existing Meter Pedestal
 - Install new automatic transfer switch and 10kW generator
 - Install new grounding system at meter pedestal/generator and tie-in to existing grounding system
- Etiwanda PRS:
 - Installation contractor to review and (if necessary) upgrade meter pedestal so that short circuit rating of existing meter pedestal meets or exceeds available fault current from SCE.
 - Replace existing automatic transfer switch and generator and install new 125A automatic transfer switch and 10kW generator
 - Test existing grounding system
- Emerald PRS:
 - Replace existing meter pedestal; without any information on the main breaker (Murray EP212), the breaker short circuit rating is 5kA per UL. Additionally, various models of Murray breakers have a documented history of failing. Perform available short circuit calculation so that the minimum short circuit rating of the panel can be determined.
 - Replace existing automatic transfer switch and generator and install new 125A automatic transfer switch and 10kW generator.
 - Test existing grounding system
- San Dimas Hydro:
 - Replace existing automatic transfer switch and generator and install new 150A automatic transfer switch and 30kW generator
 - Install air intake louvers in the generator room to allow for proper generator cooling and prevent negative pressure condition. Upsize generator air exhaust louver as required.
 - Test existing grounding system
- Big Dalton PRS:
 - Replace existing meter pedestal; without any information on the main breaker (Murray EP212), the breaker short circuit rating is 5kA per UL. Additionally, various models of



- Murray breakers have a documented history of failing. Perform available short circuit calculation so that the minimum short circuit rating of the panel can be determined.
- Replace existing automatic transfer switch and generator and install new 125A automatic transfer switch and 10kW generator.
 - Test existing grounding system
- AZUSA FCS:
 - Replace existing automatic transfer switch and generator and install new 125A automatic transfer switch and 10kW generator
 - Test existing grounding system
 - Solar power alternative is not recommended for the following reasons:
 - High initial cost
 - Depending on the battery system installed, it only provides limited backup power during extended utility outages.
 - SGV sites reviewed in this report have limited space available.

If the District chooses the generator upgrades option, the estimated total cost for the upgrades on all six sites is \$446,907.50. The total estimated cost for the solar power option upgrades for all six sites is \$2,992,796.25; approximately seven times the cost of the standby generator option. Therefore, we recommend that the District pursues the standby generator upgrades option. Additionally, we recommend that the District authorizes the DAP Electric quote and as well as additional recommendations contained in this report.



AGENDA ACTION ITEM NO. 3

DECLARE SURPLUS INVENTORY

RECOMMENDED ACTION: Approve disposal of surplus inventory.

BACKGROUND: None

BUDGET IMPACT: None

PRIOR BOARD ACTION: None

**SURPLUS INVENTORY DECLARED BY THE BOARD OF DIRECTORS
on November 13, 2023**

#	Quantity	Description
1.	1	Boardroom Table
2.	1	Boardroom Desk
3.	10	Board Chairs
4.	20	Boardroom Audience/Misc Office Chairs

Memorandum

To: San Gabriel Valley Municipal Water District Board of Directors

Cc: Darin Kasamoto, General Manager

From: Evelyn Reyes, External Affairs Manager

Date: November 7, 2023

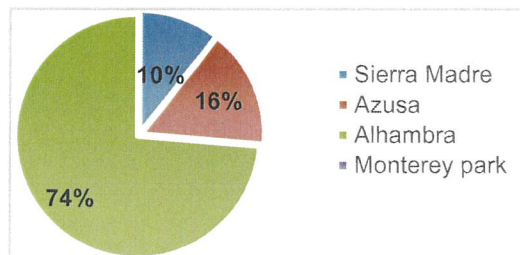
Subject: External Affairs Report

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	4	3	3	0	2	0	0	0
FY 23/24 Total	7	14	33	0	5	0	0	0

Irrigation Direct Install Program:

Assessed Properties	21
Waiting Install	5
Total Installed	20
Avg. cost per property	\$2,063.62



Meetings/events attended:

- PWAG CET Administrative Meeting and Member Agency meeting
- Monterey Park Town Hall at Belle Vista Elementary with Mayor Jose Sanchez
- City of Sierra Madre State of the City
- SGV Public Affairs Network Annual Mayors Reception
- Meeting with Board Member Sabrina Bow, Azusa USD
- Alhambra Chamber of Commerce - Alhambra Connects Mixer
- Alhambra Police Department's Trunk or Treat with Alhambra ERAS
- Alhambra Pumpkin Run
- Alhambra Chamber of Commerce Legislative Committee Meeting
- SGV Economic Partnership Legislative Committee Meeting
- ACWA Region 8 Legislative Update
- Monterey Park City Council Meeting - District rebate update
- Alhambra Debate Tournament sponsored by SGVMWD

**A REGULAR MEETING OF
THE MAIN SAN GABRIEL BASIN WATERMASTER
725 NORTH AZUSA AVENUE, AZUSA, CALIFORNIA
NOVEMBER 1, 2023 AT 2:30 O'CLOCK P.M.**

<u>Agenda</u>	<u>Action/Notes</u>
1. CALL TO ORDER	
2. PLEDGE OF ALLEGIANCE	
3. ROLL CALL OF WATERMASTER MEMBERS	
4. ELECTION OF PRODUCER NOMINEES FOR WATERMASTER FOR CALENDAR YEAR 2024 [1]	
a) Certification of appointment of Steven T. Placido by San Gabriel Valley Municipal Water District (SGVMWD) for calendar year 2024	
b) Certification of appointment of Dr. Anthony R. Fellow and Jennifer Santana by Upper San Gabriel Valley Municipal Water District (USGVMWD) for calendar year 2024	
5. ADOPTION OF AGENDA [1]	
6. TIME RESERVED FOR PUBLIC COMMENT	
7. ITEMS REMOVED FROM CONSENT CALENDAR [1]	
8. CONSENT CALENDAR [1] All items on Consent Calendar may be approved with single action.	
a) Minutes of a Regular Meeting of Watermaster held October 4, 2023	
b) Lists of Demands	
c) Financial Statements, October 2023	
9. REQUEST TO EXECUTE EXTENSION AGREEMENT FOR VALENCIA HEIGHTS WATER COMPANY FOR PRODUCER CYCLIC STORAGE ACCOUNT [1]	
10. RENEWAL OF THREE VALLEYS MUNICIPAL WATER DISTRICT CYCLIC STORAGE AGREEMENT [1]	
11. RECEIPT OF FISCAL YEAR 2022-23 ANNUAL REPORT [1]	
12. RECEIPT OF DRAFT ANNUAL 5-YEAR WATER QUALITY AND SUPPLY PLAN [1]	
a) Set public comment period and public hearing date	

13. AUTHORIZATION TO PURCHASE RELIABILITY STORAGE WATER USING RESOURCE DEVELOPMENT ASSESSMENT FOR FISCAL YEAR 2022-23 [1]
14. AUTHORIZATION TO PURCHASE REPLACEMENT WATER REQUIREMENTS FOR FISCAL YEAR 2022-23 [1]
15. ATTORNEY'S REPORT [2]
16. ENGINEER'S REPORT [2]
17. EXECUTIVE OFFICER'S REPORT [2]
18. REPORT FROM RESPONSIBLE AGENCIES [2]
19. OUTSIDE COMMITTEE LIAISONS [2]
20. INFORMATION ITEM [2]
 - a) Transmittal of SGVMWD Monthly Report for September 2023
21. COMMENTS FROM WATERMASTER MEMBERS [2]
22. FUTURE AGENDA ITEMS [1]
 - a) Consideration of Extension Agreement for Producer Cyclic Storage for the following:
 - i. City of Alhambra
 - ii. City of Arcadia
 - iii. City of Azusa
 - iv. California American Water - Duarte
 - v. California American Water - San Marino
 - vi. California Domestic Water Company
 - vii. Covina Irrigating Company
 - viii. City of Glendora
 - ix. Golden State Water Company - San Gabriel
 - x. La Puente Valley County Water District
 - xi. City of Monrovia
 - xii. City of Monterey Park
 - xiii. San Gabriel County Water District
 - xiv. Suburban Water Systems
 - xv. Sunny Slope Water Company
23. CLOSED SESSION [1]
A closed session may be called to discuss pending or potential litigation.
24. ADJOURNMENT

LEGEND [1] INDICATES ACTION ANTICIPATED BY WATERMASTER ON THIS ITEM
 [2] INDICATES INFORMATION ITEM - NO 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, OCTOBER 18, 2023 AT 12:00 P.M.

Zoom Link:

<https://us06web.zoom.us/join/93024948792?pwd=ZmZMc2RtMk9kb3VlN0ZuY2hRNDZkdjZkdz09>

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) |
| Valerie Munoz, Secretary | _____ | _____ | (alt) |
| Robert Gonzales, Treasurer | _____ | _____ | (alt) |
| Bob Kuhn | _____ | _____ | (alt) |
| Ed Chavez | _____ | _____ | (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. CONSENT CALENDAR

PAULSON

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

- (a) Minutes for 9/20/23 Regular Board Meeting
- (b) Minutes for 10/10/23 Administrative/Finance Committee Meeting
- (c) Demands on Administrative Fund
- (d) Demands on Project Fund

VIII. COMMITTEE REPORTS

(These items may require action)

- (a) Administrative/Finance Committee Report
 - 1. Discussion Regarding 3rd Quarter 2023 Cash Report [enc]

IX. OTHER ACTION/INFORMATION ITEMS

PAULSON

(These items may require action)

- (a) None.

X. PROJECT REPORTS

COLBY

- (a) Treatment Plants:

1.	Baldwin Park Operable Unit	<u>Status</u>
	• 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

XI. ATTORNEY'S REPORT **PADILLA**

XII. LEGISLATIVE REPORT **MONARES**

XIII. EXECUTIVE DIRECTOR'S REPORT **SCHOELLERMAN**

XIV. FUTURE AGENDA ITEMS **PAULSON**

XV. INFORMATION ITEMS [enc] **PAULSON**

- (a) San Gabriel Basin Water Calendar

XVI. FUTURE BOARD/COMMITTEE MEETINGS **PAULSON**

- (a) The next Legislative/Public Information Committee meeting was scheduled for **Tuesday, November 7, 2023 at 9:00 a.m.***
- (b) The next Administrative/Finance Committee Meeting was scheduled for Tuesday, **November 7, 2023 at 10:00 a.m.***
- (c) The next WQA Board meeting was scheduled for Wednesday, November 15, 2023 at 12:00 p.m.

**Staff is recommending these date changes due to the number of Wednesdays in the month and the holiday.*

XVII. 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

XVIII. RECONVENE OPEN SESSION **PAULSON**

XIX. BOARD MEMBERS' COMMENTS/REPORTS **PAULSON**

XX. 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: November 7, 2023

Subject: General Manager's Report

1. SWP UPDATE

The Delta Conveyance Project (DCP) Public Draft EIR Comment period has ended. The EIR process should be completed by the end of 2023. For those attending the Fall ACWA Conference, you are welcome to attend a DCP briefing:

Date: Tuesday, November 28, 2023

Time: 1:00 – 2:00 PM PST

Location: Monte Carlo Room, Renaissance Indian Wells Resort

On April 20, the State Water Project allocation was increased from 75% to 100%. This is the first 100% allocation since 2006. The allocation will provide 28,800 ac-ft.

2. MAIN SAN GABRIEL BASIN UPDATE

As of October 27, 2023, the Key Well is at 228.0 feet which is 1.1 higher than the reading on September 29, 2023, due to releases from San Gabriel Canyon Dams. 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 Bureau of Reclamation grant to help fund some projects in the Raymond Basin on behalf of the Foothill Water Coalition. The application was submitted on March 31, 2023.

The District has applied for a Bureau of Reclamation grant to help fund 50% of a Federally approved recycled water feasibility study. This study would make the District eligible for design and construction grant money in the future. The application was submitted on February 28, 2023.

The District has applied for a State Grant through DWR for Turf Replacement, supplement existing rebate programs, supplement direct install program, and education programs. The grant application also included some well projects from the four cities. The application was submitted on January 31, 2023, and sought about \$5 million for the various projects. DWR has said that there were some issues with the submittal which were addressed and the application was re-submitted on February 22, 2023. **UPDATE:** We recently reached out to DWR on the status of the grant, we were informed that our application scored very high, but did not receive funding because there was a need for better descriptions of the cities' projects and not all of the cities provided letters of support for the

November 7, 2023

grant application. They also informed us that another application window will reopen in mid-November and they advised us to re-apply. Evelyn will be working with the cities to get the necessary information and Hazen will re-submit the application. Because this is the same grant program, work on the application will be minimal.

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 use of SGVMWD's 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, once staff has a chance to review the draft we will present it to the board.

The District is monitoring some future groundwater banking programs for potential participation. More information will follow.

District audit is near completion, and a draft should be ready to be presented at the December board meeting.

Per Jim Ciampa's recommendation, we have completed the process of opening a separate account for the deposit and dispersal of funds for our State Water Project tax levy. We have also modified our Administrative Code as it pertains to our reserve policy. This is to protect the District after a lawsuit was filed against Coachella Water District on use of SWP specific tax revenue.

Memorandum

To: San Gabriel Valley Municipal Water District Board of Directors

From: Steve Kiggins, Assistant General Manager

Cc: Darin Kasamoto, General Manager

Date: November 8, 2023

Subject: Assistant General Manager's Report

1. October 2023 deliveries: 2,721 AF. SGVMWD delivered 1,863 AF to cyclic storage and 858 AF at North Azusa Connection for Covina Irrigating Company's (CIC's) surface water treatment facility on behalf of Three Valleys Municipal Water District (TVMWD). SGVMWD Table A Allocation CY 2023: 100% / 28,800 AF; November 1st undelivered Table A balance: 17,915 AF
2. Total deliveries to cyclic storage CY 2023: 11,163 AF. Cyclic storage balance as of September 30, 2023: 11,693.56 AF. Amount of water banked on behalf of Dudley Ridge Water District: 14,209 AF
3. November 2023 delivery forecast: A ~32 CFS delivery at San Dimas Hydro should continue all month. SGVMWD deliveries will be maximized as DWR/LA County capacities allow.
4. Hydro Power Production: May 306.2 MWh/\$15,219.70, June 291.4 MWh/\$14,590.39, July 242.9 MWh/\$14,541.29, August 182.4 MWh/\$14,335.80, September 590.2 MWh/\$34,929.87, October 616.2 MWh/\$22,330.80
5. Project Updates:
 - A. DCAP SCH I PIPELINE CONTINUITY BONDING, CORROSION ASSESSMENT VALIDATION AND CATHODIC SYSTEM DESIGN: Operations staff began dewatering Schedule I on November 6th. Surveying should take place the week of November 13th and construction is scheduled for November 20th - March 4th.
 - B. LYTLE CREEK TURNOUT SCADA INTEGRATION PROJECT: SoCal SCADA Solutions staff became ill with Covid 19 prior to the scheduled October 17th installation date. The new PLC cabinet installation date is scheduled for November 28th. Flow meter SCADA integration will help SGVMWD Operations staff monitor Schedule VI, which is shared with SBVMWD.
 - C. SAN GABRIEL FLOW CONTROL STRUCTURE 30" BALL VALVE REPLACEMENT: The valve was delivered on July 26th. Hardware lead time is 12-14 weeks. Construction should begin in early January.
 - D. DCAP PIPELINE HYDRAULIC MODEL DEVELOPMENT AND TRANSIENT WAVE ANALYSIS: Civiltec was given view-only access to the SCADA servers and historical flow event data to help refine and verify the hydraulic model. Model development is continuing.

- E. HYDROELECTRIC FACILITY 24" BUTTERFLY VALVE REPLACEMENT: The valve is installed and paving was completed on July 28th. Due to non-standard valve control wiring at the Hydro, the decision was made for the District to purchase a simplified relay-based Auma actuator and repurpose the more advanced actuator at Big Dalton Pressure Reducing Station to replace a failing obsolete actuator. The cost was only ~20% (\$700) more than cannibalizing the advanced actuator. The new actuator should arrive in late February.

6. Assistant General Manager meetings and activities:

- A. Devil Canyon flow meter comparison with SGVMWD and DWR staff
- B. PWAG- Water Use Efficiency Regulations Group Comment Letter Discussion (Zoom)
- C. Meeting with T.E. Roberts in Rialto to discuss repair options for damaged Schedule VI manway vault top
- D. Pressure reducing station valve replacement compatibility meeting with Cla-Val representative & Civiltec
- E. Main San Gabriel Basin Watermaster meeting
- F. Met with flooring, paving, roofing, painting, fall protection, and office furniture contractors to discuss District needs and solicit proposals
- G. Weekly Continuity Bonding Project meetings with T.E. Roberts and Civiltec (Teams)
- H. Weekly DWR / SWC Operations Update meetings (Teams)
- I. Weekly DWR / SWC East Branch Capacity Coordination meetings (Teams)