CRESCENTA VALLEY WATER DISTRICT

2700 Foothill Boulevard
La Crescenta, California

Agenda for the
Regular Meeting of the Board of Directors
of the Crescenta Valley Water District
to be held on Tuesday, November 8, 2022, at 7:00 p.m.

Posted: Friday, November 4, 2022 at 4:30 p.m.

AUDIO & VIDEO CONFERENCING NOTICE

[This meeting will be held by audio & video conference only.]

Under AB 361 and District Resolution No. 772, the District will continue to hold Board and Committee meetings by teleconference, due to the continuing State of Emergency for COVID-19 and the ongoing imminent risks to the health or safety of the attendees from COVID-19.

Any member of the public may participate using a touchtone phone. You may select any of the following phone numbers (there are more than one for increased reliability during this time of increased phone traffic)

(669) 900-6833	**(346) 248-7799**	**(929) 205-6099**
(253) 215-8782	**(301) 715-8592**	**(312) 626-6799**

Then, enter Access Code: 864 3277 0458

Those members of the public who are able to and would like to additionally participate through computer may access the Zoom audio & video conferencing tool available at the following link:

https://us02web.zoom.us/j/86432770458

Public comment may be made either by emailing comments ahead of the meeting or by speaking over the phone. Emailed comments will be sent to the Board of Directors prior to the meeting and posted on the District's website. Comments may be sent to Christy Colby, Regulatory and Public Affairs Manager, at (818) 248-3925 or customerservice@cvwd.com by 3pm on November 8, 2022.

Any person may make a request for a disability-related modification or accommodation needed for that person to be able to participate in the public meeting by contacting the District by phone or in writing at the above email address. Requests must specify the nature of the disability and the type of accommodation requested. A telephone number or other contact information should be included so that District staff may discuss appropriate arrangements. Persons requesting a disability-related accommodation should make the request with adequate time before the meeting for the District to provide the requested accommodation.

Any written materials distributed to the Board in connection with this agenda will be made available at the same time for public inspection at the District office located at the above address and posted on the District's website.

Call to Order and Determination of Quorum

Pledge of Allegiance

Adoption of Agenda

Public Comments

At this time, the public shall have an opportunity to comment on any non-agenda item relevant to the subject matter jurisdiction of the Board. This opportunity is non-transferable, and speakers are limited to one three-minute (3) comment. Under the provisions of the Brown Act, the Board is prohibited from taking action on items not listed on the agenda, except under certain circumstances.

Foothill Municipal Water District Report

1. Report on activities at Foothill Municipal Water District.

Consent Calendar

1. Consideration and approval of the Minutes of the Adjourned Regular Board Meeting on October 25, 2022.
2. Ratification of Disbursements for September 2022.
3. Consideration and approval for continuing to hold meetings by teleconference.

Action Calendar

The public shall have an opportunity to comment on any action item as each item is considered by the Board. This opportunity is non-transferable, and speakers are limited to one two-minute (2) comment.

1. **Resolution No. 780** – Consideration and motion to adopt a Resolution for grant funding from the State Water Resources Control Board through the Water Recycling Funding Program for CVWD's 2022 Water Recycling Feasibility Study, Project M-1037B.
2. **Award of Contract – Annual Contract for Booster Pump and Well Rehabilitation, Emergency Response, and Maintenance Services** – Consideration and motion to authorize the General Manager to award a contract to General Pump Company to provide services for booster pump and rehabilitation, emergency response, and well maintenance at an estimated cost of $150,200.
3. **1st Quarter Budget Report** – Review of Q1 Budget Report for FY 2022-23 and related considerations.

Information Items

Written Communications to District/Board of Directors

General Manager's Report

Attorney Report

Reports of Committees

- **Engineering Committee**
- **Finance Committee**
- **Employee Relations Committee**
- **Policy Committee**
- **Community Relations/Water Conservation Committee**
- **Emergency Planning Committee**
- **Technology Committee**

Directors' Oral Reports – Reports on issues, meetings, or activities attended by Directors.

Board Members' Request for Future Agenda Items

Closed Session

PUBLIC EMPLOYEE PERFORMANCE EVALUATION

Title: General Manager

Adjournment

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CRESCENTA VALLEY WATER DISTRICT
ADJOURNED REGULAR MEETING, BOARD OF DIRECTORS
October 25, 2022

Pursuant to the order of the Board of Directors of the Crescenta Valley Water District made at the Regular Meeting on October 11, 2022, an Adjourned Regular Meeting was held on October 25, 2022, at 7:00 p.m. through audio and video conference. A call-in number was clearly noted on the meeting Agenda, posted in accordance with the Brown Act, due to the COVID-19 pandemic, with President James D. Bodnar presiding.

At roll call, the following Directors and staff members were online:

Directors:	**James D. Bodnar** **Kerry D. Erickson** **Ken R. Putnam** **Sharon S. Raghavachary** **Judy L. Tejeda**
Attorney:	**Tom Bunn**
General Manager:	**Nem Ochoa**
Director of Finance & Administration:	**James Lee**
Director of Engineering & Operations:	**David Gould**
Staff Members:	**Brook Yared, Engineering Manager** **Darlene Telles, Operations & Maintenance Manager** **Kellen Boyce, System & Operations Manager** **Adam Sutphin, Analyst** **Pam Leddy, Administrative Assistant**
Public Participation:	**Frank Colcord**

<u>PLEDGE OF ALLEGIANCE</u>
Director Tejeda opened the meeting by leading the Directors and staff in reciting the Pledge of Allegiance.

<u>ADOPTION OF AGENDA</u>
It was moved by Director Tejeda, seconded by Director Raghavachary, and carried by a 5-0 roll call vote that the Agenda for the Adjourned Regular Meeting of October 25, 2022, be adopted as presented.

AYES:	**Director Bodnar** **Director Erickson** **Director Putnam** **Director Raghavachary** **Director Tejeda**
NOES:	**None**

PUBLIC COMMENTS – None

FOOTHILL MUNICIPAL WATER DISTRICT REPORT – Mr. Colcord reported that Foothill Municipal Water District's (FMWD) Board signed a Memorandum of Understanding (MOU) in support of an MOU that the Metropolitan Water District entered into with other Colorado River Basin municipal and public water providers to be part of the solution in reducing water consumption and increasing reuse and recycling in response to the conditions on the Colorado River. FMWD pledged to continue conservation programs including indoor and outdoor water use, reduce the quantity of non-functional turf grass, increase water reuse where feasible, implement best practices and share lessons learned with other water agencies to accelerate water efficiency strategies, and collaborate with other water agencies in the Colorado Basin to work to bring the supply of water back into balance.

CONSENT CALENDAR

The board discussed whether and how to go back to in-person meetings. Mr. Bunn reported that Governor Newsom stated that he would end the state of emergency on February 28, thereby ending the authorization for remote meetings. Hybrid meetings were also discussed. A tentative conclusion was reached to go to hybrid meetings on the first meeting in December. Following that discussion, it was moved by Director Raghavachary, seconded by Director Erickson, and carried by a 5-0 roll call vote to approve the Minutes of the Regular Board Meeting held on October 11, 2022, through audio and video conference, ratify the disbursements for August 2022 as presented and to reaffirm Resolution No. 772 to find that (1) Los Angeles County officials have imposed or recommended measures to promote social distancing; and (2) meeting in person would present imminent risks to the health and safety of attendees.

AYES:	**Director Bodnar** **Director Erickson** **Director Putnam** **Director Raghavachary** **Director Tejeda**
NOES:	**None**

ACTION CALENDAR

INFORMATION ITEMS – None

WRITTEN COMMUNICATIONS TO DISTRICT – None

REPORTS OF PERSONNEL – None

GENERAL MANAGER – No report

ATTORNEY – No report

REPORTS OF COMMITTEES

Engineering Committee – Director Erickson reported that the Committee had not met; however, an audio/video conference will be scheduled as needed.

Finance Committee – Director Bodnar reported that the Committee had not met; however, an audio/video conference meeting will be scheduled as needed.

Employee Relations Committee – Director Erickson reported that the Committee had not met; however, an audio/video conference will be scheduled as needed.

Policy Committee – Director Putnam reported that the Committee had not met; however, an audio/video conference will be scheduled as needed.

Community Relations/Water Conservation Committee – Director Tejeda reported that the Committee had met not met; however, an audio/video conference will be scheduled as needed.

Emergency Planning Committee – Director Putnam reported that the Committee had not met; however, an audio/video conference meeting will be scheduled as needed.

Technology Committee – Director Raghavachary reported that the Committee had not met; however, an audio/video conference meeting will be scheduled as needed.

Executive Committee – Director Bodnar reported that the Committee had met on October 14, 2022. An audio/video conference meeting will be scheduled as needed.

DIRECTORS' ORAL REPORTS

Director Raghavachary – No report

Director Bodnar – Reported that he attended the Crescenta Valley Historical Society's tour of CVWD facilities on October 15th and commended staff for a great tour and David Gould for leading the effort.

Director Erickson – Reported that he attended a tour of the SoFi Stadium with the Water Reuse Association of Orange and Los Angeles County.

Director Putnam – No report

Director Tejeda – No report

BOARD MEMBERS' REQUESTS FOR FUTURE AGENDA ITEMS – None

CLOSED SESSION – No reportable items

ADJOURNMENT

There being no other business to come before the Board, at 8:31 p.m., the meeting was adjourned to November 8, 2022, at 7:00 p.m.

APPROVED

______________________________	______________________________
James D. Bodnar	James Lee
President	Director of Finance & Administration

CASH DISBURSEMENTS LIST
SEPTEMBER 2022

Check#	Check Date	Payable To	Description	Water Amount	Wastewater Amount
0	09/30/2022	CalPERS	PERS contributions - August 2022	25,188.45	12,914.71
0	09/30/2022	CalPERS	Payroll	150.00	50.00
0	09/19/2022	Los Angeles County Public Works	Excavation permits - August 2022	3,738.00	
0	09/19/2022	Pat-Chem Laboratories	Water Sampling - August 2022	1,963.00	
0	09/28/2022	SCE	Power purchased - August 2022	23,319.11	494.76
0	09/19/2022	Shell	Fuel purchased - August 2022	2,731.35	910.45
44236	09/01/2022	Adam Sutphin	Reimbursement - Meeting supplies	32.58	16.04
44237	09/01/2022	Wells Fargo Card Services	Colby - monthly Email, LA Times, working meals	416.81	238.71
44238	09/01/2022	Wells Fargo Card Services	Gould - CSDA Conference registrations	1,495.03	769.19
44239	09/01/2022	Wells Fargo Card Services	Holloway - Conference lodging, computer supplies	716.58	420.85
44240	09/01/2022	Wells Fargo Card Services	Lee - Conference travel, Employee Wellness program	1,903.36	805.61
44241	09/01/2022	Wells Fargo Card Services	Ochoa - procurement workshop, working meals	807.68	397.35
44242	09/01/2022	Wells Fargo Card Services	Telles - TriState registrations, Conference lodging, working meals	2,137.32	574.27
44243	09/01/2022	Wells Fargo Card Services	Whittaker - TriState airfare, working meals	387.17	201.09
44244	09/08/2022	Maritess Allmon	Wellness Reimbursement	153.75	51.25
44245	09/08/2022	Kellen Boyce	Health reimbursement	578.00	385.33
44246	09/08/2022	City of Glendale	Rockhaven lease - August 2022	10,549.58	
44247	09/08/2022	City of Glendale Water & Power	Purchased power - August 2022	37,334.82	
44248	09/08/2022	Clark Pest Control, Inc.	Monthly pest control at 5 sites - August 2022	382.25	62.75
44249			*This check was voided		
44250			*This check was voided		
44251	09/08/2022	Siaki Mortenson	Wellness reimbursement	225.00	75.00
44252	09/08/2022	So Cal Compton Pipe Supply Co., Inc.	Stock - 1" meter couplings, and supplies - August 2022	26,414.50	
44253	09/08/2022	Spectrum Business	Mills - voice communication - September 2022	110.99	38.99
44254	09/08/2022	Spectrum Business	Lowell - data communication - September 2022	88.79	31.19
44255	09/08/2022	Univar Solutions USA, Inc.	Sodium hypochloride - Glenwood (700 gals.)	4,982.51	
44256	09/08/2022	Waste Management	Office - Disposal Services - September 2022	247.52	78.17
44257	09/14/2022	Aflac	Employee paid insurance - August 2022	1,032.28	
44258	09/14/2022	Christy Joana Colby	Health reimbursement	1,295.58	865.72
44259	09/14/2022	Colonial Life & Accidents Ins.	Employee paid insurance - September 2022	223.67	
44260	09/14/2022	Consolidated Electrical Distributors, Inc.	E-939 - SCADA Equipment - August 2022	11,192.43	

44261	09/14/2022	Cypress Ancillary Benefits	Group dental - September 2022	1,992.67	1,250.24
44262	09/14/2022	James Lee	Health reimbursement	388.32	258.88
44263	09/14/2022	Siaki Mortenson	Mortenson - D1-D5 Exam prep reimbursement	117.72	
44264	09/14/2022	Wallace & Associates Consulting, LLC	D-21-G2 - Construction Mgmt., & Inspection services - August 2022	46,720.00	
44265	09/14/2022	Western Water Works	Stock - Misc. nipples, repair clamps & poly pipe - September 2022	1,662.64	
44266	09/19/2022	ADS, LLC	Sewer Flow Monitoring & Wastewater Sampling - August 2022		1,130.00
44267	09/19/2022	Airgas USA, LLC	Rent Cyl Ind Large Acetylene	32.76	34.09
44268	09/19/2022	Applied Technology Group, Inc.	Misc. supplies - August 2022	30.00	
44269	09/19/2022	ARC	Monthly MPS Billing - July 2022	344.01	114.68
44270	09/19/2022	AT & T Mobility	Voice communication - September 2022	1,318.59	393.87
44271	09/19/2022	AT&T	Wireless communication - September 2022	709.65	557.58
44272	09/19/2022	Regino Avalos	Monthly landscaping at 7 sites - August 2022	959.03	195.97
44273	09/19/2022	B.L. Wallace Distributor, Inc.	Stock - 30 meter boxes & lids	6,049.33	
44274	09/19/2022	Bridgemore Consulting, Inc.	Consulting services for employee training/development - August 2022	1,660.00	340.00
44275	09/19/2022	CCS Interactive, Inc.	Website Upgrade - Strategic Plan email & Graywater page	197.81	65.94
44276	09/19/2022	City of LA Bureau Sanitation	Sewerage Facilities charge - May/June 2022		14,042.03
44277	09/19/2022	Consolidated Electrical Distributors, Inc.	E-939 - SCADA Equipment - August 2022	354.71	
44278	09/19/2022	Creative Concepts Landscape Mgmt., Inc.	Landscape maintenance - June/July/August 2022	1,423.50	526.50
44279	09/19/2022	Direct Connection	Strategic Plan Update printing - August 2022	794.11	762.97
44280	09/19/2022	DYI Home Center	Misc. supplies - August 2022	16.73	5.58
44281	09/19/2022	Everbridge, Inc.	Community outreach platform - August 2022	4,761.01	
44282	09/19/2022	Foothill Municipal Water	Water delivery - August 2022	326,854.53	
44283	09/19/2022	Foothill Plumbing, LLC	Office - repair leaking garbage disposal	451.70	140.30
44284	09/19/2022	Gemini Group, LLC	Water sampling - August 2022	4,800.00	
44285	09/19/2022	Golden Bell Products, Inc.	Lift station degreaser - August 2022		1,256.85
44286	09/19/2022	Grainger	Safety supplies - September 2022	1,516.70	
44287	09/19/2022	Great America Leasing Corp.	Kyocera copier leases - October 2022	1,278.31	1,228.18
44288	09/19/2022	Gsolutionz Professional Services	Voice communication - October 2022	189.53	148.92
44289	09/19/2022	Hach Company	Chlorine Analyzer Equipment - August 20220	2,430.47	
44290	09/19/2022	Harrington Ind Plastics, LLC	Misc. parts - August 2022	30.12	
44291	09/19/2022	Highroad Information Technology	Managed services, support & computer hardware - September 2022	9,196.50	3,065.50
44292	09/19/2022	InfoSend, Inc.	Printing & postage for billing - August 2022	1,450.00	1,393.14
44293	09/19/2022	Jay & J Janitorial Services	Janitorial services - September 2022	494.00	156.00
44294	09/19/2022	John Robinson Consulting, Inc.	E-985 - Stormwater Recharge & M-965 Grant Assistance - August 2022	996.00	204.00
44295	09/19/2022	Kennedy Jenks	M-1037A - WWMP - Consulting Services - August 2022	15,082.50	
44296	09/19/2022	Lagerlof, LLP	Legal Services - August 2022	8,527.59	1,871.91
44297	09/19/2022	Office Depot	Misc. office supplies - August 2022	214.95	198.41
44298	09/19/2022	One Ring Networks, Inc.	Glenwood/Office - data communication - September 2022	1,012.50	337.50
44299	09/19/2022	Peerless Materials Company	Misc. supplies - August 2022	715.25	

44300	09/19/2022	Pres Tech Equipment Company	Unit #2 - troubleshoot & test all equipment - August 2022	330.00	
44801	09/19/2022	Prohealth Glendale Medical Group	Wood - DMV physical	75.00	25.00
44802	09/19/2022	Public Water Agencies Group	Emergency Preparedness Program - September 2022	481.88	481.87
44803	09/19/2022	Ramco	Mixed bobtail - August 2022	545.06	320.03
44804	09/19/2022	Reliable Road Service, Inc.	Unit #18 - field truck diagnose	150.00	
44805			*This check was voided		
44806	09/19/2022	So Cal Compton Pipe Supply Co., Inc.	Stock - Meter Angle Stops and supplies - Augusst 2022	2,225.29	
44807	09/19/2022	SoCal Gas	Glenwood - purchased gas - August 2022	17.09	5.70
44808	09/19/2022	Southland Pipe Corp.	E-1034 - 6" & 8" pipe materials	32,937.60	
44809	09/19/2022	Spectrum Business	Office - voice communications - September 2022	300.91	105.72
44810	09/19/2022	Spectrum Business	Office - wireless communication - September 2022	1,048.50	349.50
44811	09/19/2022	Sully-Miller Contracting Co.	Cold mix for temporary repairs - July 2022	2,396.44	
44812	09/19/2022	Tetra Tech, Inc.	E-1033 - design services - February 2022	5,260.00	
44813	09/19/2022	Toro's Lawnmower & Garden	Misc. tools - August 2022	489.38	
44814	09/19/2022	Tri-Xecutex Corp	Office - replaced security alarm system & cell transmitter	2,591.05	773.95
44815	09/19/2022	Underground Service Alert	Underground notifications - August 2022	321.08	151.09
44816	09/19/2022	Vulcan Materials Company	Crushed mixed base - August 2022	5,638.98	
44817	09/19/2022	Water Resources Economics	Drought rate - consulting services - August 2022	3,791.03	776.47
44818	09/19/2022	Water Wise Consulting, Inc.	Residential water survey	145.25	29.75
44819	09/19/2022	Watersmart Software, Inc.	Annual services for Watersmart platform	17,172.00	
44820	09/23/2022	Humberto Barron	Refund check - 2618 Montrose	33.64	
44821	09/23/2022	County Clerk of Los Angeles	E-1053 - County Clerk NOE Processing Fee	75.00	
44822	09/23/2022	Donna Frost	Refund check - 3730 Park Place	16.05	
44823	09/23/2022	Phyllis Harb	Refund check - 2519 Rockdell	43.30	
44824	09/23/2022	Kristine Hartwick	Refund check - 5115 New York	516.43	
44825	09/23/2022	Darren Hayton	Refund check - 5119 Parham	97.76	
44826	09/23/2022	Annabelle Khalafyan	Refund check - 3217 Los Olivos	4.48	
44827	09/23/2022	Heejung Kim	Refund check - 3126 Evelyn	100.00	
44828	09/23/2022	Sang Kim	Refund check - 4528 Rosemont	18.00	
44829	09/23/2022	Koo Young Lim	Refund check - 2970 Piedmont	62.91	
44830	09/23/2022	Theordor Link	Refund check - 3222 Honolulu	496.26	
44831	09/23/2022	Gwen McFarlane	Refund check - 4141 Rosemont	155.28	
44832	09/23/2022	Ghimun Noh	Refund check - 2740 Rockpine	157.55	
44833	09/23/2022	Regis Corp.	Refund check - 2635 Foothill	161.13	
44834	09/23/2022	Nicholas Ruoff	Refund check - 2519 Rockdell	87.33	
44835	09/23/2022	Lilit Sarkissian	Refund check - 2424 Montrose	45.71	
44836	09/23/2022	Dan Sherfy	Refund check - 4423 Young Drive		87.34
44837	09/23/2022	Sierra Chevrolet Truck Center	New Sewer van replacement		55,055.65
44838	09/28/2022	ACWA/JPIA	Property Program Insurance - July 2022- June 2023	13,160.85	12,974.84

44839	09/28/2022	Maritess Allmon	Allmon - Mileage reimbursement for banking - September 2022	11.98	5.90
44840	09/28/2022	Ziad Alsamman	Refund check - 2970 Piedmont	113.64	
44841	09/28/2022	Aqua - Metric Sales, Co.	E-1020 - AMI - 1" meters, 3/4" meters & smart points - August 2022	107,702.53	
44842	09/28/2022	Aqua Solutions, Inc.	Purification kit for Water Quality Equipment	912.88	
44843	09/28/2022	Elmer Art	Refund check - 2348 Caldero Lane		58.75
44844	09/28/2022	Costco	Misc. supplies - August 2022	173.14	159.82
44845	09/28/2022	City of Glendale Alarm Program	False alarm incident - July 2022	87.33	35.67
44846	09/28/2022	City of Glendale Finance Dept.	Excavation Permits - August 2022	6,909.00	
44847	09/28/2022	Consolidated Electrical Distributors, Inc.	E-939 - SCADA equipment - August 2022	507.34	
44848	09/28/2022	CV Strategies	Strategic Plan Update - August 2022	1,940.81	
44849	09/28/2022	Karrie Deaton	Refund check - 4539-41 Orin	418.52	
44850	09/28/2022	Dudek	E-1033 - Construction Management Services - August 2022	12,812.00	
44851	09/28/2022	Eben Properties, LLC	Refund check - 3151 Altura	596.46	
44852	09/28/2022	Elizabeth Ellwood	Refund check - 2241 Manzanita	9.64	
44853	09/28/2022	Grainger	Misc. safety supplies, lift station replacement pump - August 2022	106.90	1,549.03
44854	09/28/2022	J.A. Salazar Construction	4909 Pennsylvania - 1" service leak repair	10,881.16	
44855	09/28/2022	LA Dept. Water and Power	Purchased Power - August 2022	57.22	
44856	09/28/2022	Vanessa Maldonado	Refund check - 3649 Honolulu	34.41	
44857	09/28/2022	Karolin Milagerdi	Refund check - 3304 Alabama	106.57	
44858	09/28/2022	National Fire Protection Assoc.	Dodge - NFPA Annual Membership Renewal 2022	131.25	43.75
44859	09/28/2022	Pacific Truck Equipment, Inc.	Unit #2 - install new compressor	2,110.17	
44860	09/28/2022	Paveco Construction, Inc.	Various paving locations - August 2022	13,755.08	
44861	09/28/2022	Ken Pittman	Refund check - 3357 Los Olivos	46.50	
44862	09/28/2022	Christopher Reichman	Refund check - 2906 Honolulu	105.38	
44863	09/28/2022	Robert Brkich Const. Corp.	E-1033 - Progress payment #3, water main repair @ 4845 Glenwood	300,937.47	
44864	09/28/2022	Royal Roofing Company	Glenwood - roof repairs	2,100.00	
44865	09/28/2022	Sawyer Petroleum	Diesel fuel purchased - August 2022	3,187.98	
44866	09/28/2022	So Cal Compton Pipe Supply Co., Inc.	Stock - angle stop 1" - September 2022	9,943.15	
44867	09/28/2022	SoCal Gas	Office - gas purchased - August 2022	11.83	3.95
44868	09/28/2022	Steven Engineering, Inc.	E-939 - SCADA equipment - August 2022	4,248.68	
44869	09/28/2022	Sully-Miller Contracting Co.	Cold mix for temporary repairs - August 2022	915.94	
44870	09/28/2022	Systemated Business Products	Accounts payable checks	137.39	137.38
44871	09/28/2022	Toro's Lawnmower & Garden	Misc. tools - August 2022	248.03	
44872	09/28/2022	Tri-Xecutex Corp.	Security Alarm System Monitoring - Oct/Nov/Dec 2022	153.36	62.64
44873	09/28/2022	Univar Solutions USA, Inc.	Sodium hypochloride - Glenwood (500 gals.) Mills - (750 gals.)	5,217.14	
44874	09/28/2022	Vulcan Materials Company	Mixed bobtail - August 2022	2,580.00	
44875	09/28/2022	Wallace & Associates Consulting, LLC	D-21-G2 - Construction Mgmt. & Inspection Services - Sept. 2022	3,060.00	
44876	09/28/2022	Westlake Ace Hardware	Misc. supplies - August 2022	406.84	48.98
44877	09/29/2022	Jacob Whittaker	Wellness reimbursement	225.00	75.00

Subtotals	$ 1,188,622.29	122,378.25
Total Disbursements for September 2022		**$1,311,000.54**

Payroll Report

Directors	1,500.00
Office Regular payroll	165,638.00
Office OT	3,135.00
Plant Regular payroll	76,959.00
Plant OT & Standby	15,626.00
Employer Payroll Taxes	15,999.00
Payroll Service Charges	436.00
Total Payroll Charges for September 2022	**$279,293.00**

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS – STAFF REPORT

To: Honorable President and Members of the Board of Directors

From: Thomas Bunn – General Counsel

Subject: **Approve continuation of remote meetings as described in AB 361 and make required findings**

DISCUSSION :

At the September 28, 2021 Board meeting, pursuant to AB 361, the Board of Directors adopted Resolution No. 772, which authorized the Board to continue to have remote meetings based upon the continued state of emergency for COVID-19, and made findings that (1) Los Angeles County officials have imposed or recommended measures to promote social distancing; and (2) meeting in person would present imminent risks to the health and safety of attendees. In order to continue to have remote meetings, AB 361 requires that the Board reaffirm one or both of those findings within 30 days after the first remote meeting, and every 30 days thereafter, provided that a state of emergency continues to be in place.

At the time this report was prepared, there is a continued state of emergency for COVID-19. This item is on the agenda for the Board to consider whether to reaffirm the resolution and make the required findings to continue to have remote meetings for an additional 30 days. The resolution authorizes the Board to extend the resolution by motion.

FINANCIAL CONSIDERATIONS

None.

RECOMMENDATION

The Board of Directors reaffirm Resolution No. 772 and find that (1) Los Angeles County officials have imposed or recommended measures to promote social distancing; and (2) meeting in person would present imminent risks to the health and safety of attendees.

CRESCENTA VALLEY WATER DISTRICT
BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 1

To: Honorable President and Members of the Board of Directors — November 8, 2022

From: David S. Gould. P.E. – Director of Engineering & Operations

Subject: **Resolution No. 780 – Authorizing Submission for a SWRCB grant through the Water Recycling Funding Program for CVWD's 2022 Water Recycling Feasibility Study, Project M-1037B.**

ACTION ITEM

Resolution No. 780 – Consideration and motion to adopt a Resolution for grant funding from the State Water Resources Control Board through the Water Recycling Funding Program for CVWD's 2022 Water Recycling Feasibility Study, Project M-1037B.

BACKGROUND:

Staff met with the Engineering Committee on October 5, 2022, to discuss the proposal for the Wastewater Treatment & Disposal Alternative Study (Study). The attached Engineering Committee memo dated October 5, 2022, outlines the scope of work for the Study and the proposed fee from John Robinson Consulting, Inc. (JRC) of $336,083. The budget for the Study was $200,000 and the Engineering Committee suggested that staff investigate possible grant funding that may be available for the Study to reduce the overall cost to the District.

John Robinson suggested that State Water Resources Control Board (SWRCB), as part of Proposition 13, has a Water Recycling Funding Program (WRFP) that provides up to 50% cost sharing for planning projects. The purpose of the planning grant is to encourage Local Public Agencies to investigate the feasibility of recycling wastewater and assist them with completing planning for water recycling projects by supplementing local funds.

DISCUSSION:

Mr. Robinson suggested that we revise the scope of work of the Study to meet the requirements of the SWRCB. The updated Study will focus on evaluating potential uses of recycled water within CVWD's service area or regional projects such as groundwater recharge and large-scale irrigation projects, determine types of methods and systems to treat wastewater for recycled water use, and develop a fatal flaw analysis to identify and mitigate any risks or exposure to the District to determine project alternatives.

The purpose of the WRFP is to promote water recycling by providing technical and financial assistance to local agencies and other stakeholders in support of water recycling projects and research. The WRFP's core activities are to review and process requests for funding of water recycling planning and construction projects in accordance with the WRFP Guidelines adopted in 2019. These activities include, but are not limited to, the following: 1) Review, analyze, and comment on proposed water recycling planning and construction project applications; 2) Make funding determinations on planning and construction project applications; 3) Prepare funding commitments for grants and/or loans and obtain the Division of Financial Assistance and/or State Water Board approval of projects; 4) For planning projects, review, provide comments, and approve facilities planning reports submitted as required in the grant agreement and 5) For construction projects, make eligibility determinations, review and approve plans and specifications, review construction bid packages, issue approval of award to construct, inspect completed project, and review and evaluate project performance.

Grant Application:

Staff will work with JRC, who has assisted the District in securing previous grants opportunities and will prepare the SWRCB grant application for CVWD. The proposed fee for the study was $336,083, and the WRFP will fund 50% of the cost up to $150,000, with CVWD's share of the cost being $186,083.

As part of the process, SWRCB is requesting that a resolution be approved by the Board of Directors to certify that CVWD: 1) intends to develop a Recycled Water Feasibility Study, 2) authorizes and directs the General Manager, or his designee to sign and file the application on behalf of the District; 3) designates the General Manager, or his/her designee, to provide the assurances, certifications, and commitments required for the financial assistance application 4) designates the General Manager, or his/her designee, to represent the District in carrying out Crescenta Valley Water District's responsibilities under the grant agreement and 5) provides for matching funding . The resolution shall take effect immediately upon its adoption.

RECOMMENDATION:

It is Staff's recommendation to adopt Resolution No. 780, such that CVWD can continue with preparation and submittal of a SWRCB grant application for CVWD's 2022 Water Recycling Feasibility Study.

ENVIRONMENTAL REVIEW:

N/A

FUNDING AVAILABILITY:

N/A

Prepared & Submitted by:

David S. Gould, P.E.
Director of Engineering & Operations

Attachment:

1. Resolution No. 780
2. Engineering Committee Memo dated October 5, 2022

RESOLUTION NO. 780

A RESOLUTION OF THE BOARD OF DIRECTORS

OF CRESCENTA VALLEY WATER DISTRICT

APPROVING THE APPLICATION FOR GRANT FUNDING FROM THE STATE WATER RESOURCES CONTROL BOARD THROUGH THE WATER RECYCLING FUNDING PROGRAM

WHEREAS, the State of California Water Resources Control Board through the Water Recycling Funding Program promotes water recycling and provides financial assistance to local agencies in support of water recycling projects and research; and

WHEREAS, the Board of Directors of Crescenta Valley Water District desires to submit an application for grant funds from said program; and

NOW, THEREFORE, that the Board of Directors of the Crescenta Valley Water District resolves as follows:

Section 1. The Crescenta Valley Water District is working on developing a Water Recycling Feasibility Study. The California State Water Resources Control Board offers financial assistance in the form of grant funding through its Water Recycling Funding Program for this type of plan. The maximum grant amount that the Water Recycling Funding Program may award is $150,000 per application. The Water Recycling Funding Program requires that at least half of the total cost of the plan be provided by the requesting agency. The District desires to fund part of the cost of the Water Recycling Feasibility Study with grant funding from the State's Water Recycling Funding Program

Section 2. The Board of Directors of Crescenta Valley Water District appoints the General Manager, or his designee, to sign and file, for and on behalf of the Crescenta Valley Water District, a Financial Assistance Application for a grant agreement from the State Water Resources Control Board for the planning of *CVWD's 2022 Water Recycling Feasibility Study* (the "Project") in the amount of $150,000.

Section 3. The General Manager, or his/her designee, is designated to provide the assurances, certifications, and commitments required for the financial assistance application, including executing a financial assistance agreement from the State Water Resources Control Board and any amendments or changes thereto.

Section 4. The General Manager, or his/her designee, is designated to represent Crescenta Valley Water District in carrying out the District's responsibilities under the grant agreement, including certifying disbursement requests on behalf of the District and compliance with applicable state and federal laws

Section 5: If a grant award is made by the California State Water Resources Control Board, the Crescenta Valley Water District commits to provide the match of the amount of $150,000 in funding from the District's Capital Improvement Plan for the Water Recycling Feasibility Study plus any remaining balance,

Section 6: This Resolution shall take effect immediately upon its adoption by the Board of Directors, and the Secretary of the Board of Directors shall attest to and certify the vote adopting this Resolution.

PASSED, APPROVED AND ADOPTED at a Regular Meeting of the Board of Directors of Crescenta Valley Water District held on November 8, 2022. Resolution No. 780 was adopted by the following vote:

AYES:

NOES: **None**

ATTEST:

President, Board of Directors
Crescenta Valley Water District

Secretary of the Board of Directors

STATE OF CALIFORNIA)
) ss.
COUNTY OF LOS ANGELES)

I, James K. Lee, Secretary to the Board of the Crescenta Valley Water District, DO HEREBY CERTIFY that the foregoing is a full, true and correct copy of Resolution No. 780 of the Board of Directors of Crescenta Valley Water District adopted at a Regular Meeting held on November 8, 2022, and that the same has not been amended or repealed.

Secretary of the Board of Directors

Crescenta Valley Water District

DATED: November 8, 2022 **(S E A L)**

Attachment

CRESCENTA VALLEY WATER DISTRICT
STAFF REPORT

Information Item No. 3
October 5, 2022

To: Engineering Committee

From: David S. Gould, P.E. – Director of Engineering & Operations

Subject: **Award of Contract - of Wastewater Treatment & Disposal Alternative Study- Project M-1037B**

BACKGROUND:

Staff previously discussed that the Wastewater Master Plan (WWMP) was divided into separate RFPs, 1) Wastewater system analysis, and 2) Wastewater treatment & disposal alternative study. The WWMP was awarded to Kennedy Jenks in April 2022, however staff did not receive any proposals for the Wastewater Treatment & Disposal Alternative Study (Study) at that time. The Study included elements that needed to be investigated to develop an overall strategy for CVWD's wastewater treatment and disposal.

DISCUSSION:

Staff met with John Robinson Consulting (JRC) in August 2022 about the Study's original RFP and asked him to prepare a proposal based on the following scope of work.

Wastewater Treatment & Disposal Alternative Study

1. Prepare a Study including the following:
   a) Determine wastewater characteristics based on information from the WWMP.
   b) Identify potential wastewater treatment technologies and options including:
      i. Identify potential permitting issues and regulatory requirements.
      ii. Perform a preliminary site study to evaluate potential locations for alternative wastewater treatment systems.
      iii. Evaluate potential uses of advanced treated, tertiary recycled water effluent for application within CVWD's service area or other benefit to CVWD via regional stakeholder partnerships such as groundwater recharge and large-scale irrigation.
      iv. Identify potential stakeholders and partnerships that would impact project implementation and/or project costs for possible grant opportunities.
      v. Identify potential CEQA considerations and requirements including a cursory environmental and public health risk assessment.
      vi. Investigate the availability of grant funding options for the project.
      vii. Develop multiple alternatives to consider (including status quo) to collect, treat, dispose, or reuse treated wastewater effluent.
      viii. Determine a preliminary project implementation schedule, a not-to-exceed project cost estimate, and a preferred project delivery method.
      ix. Update CVWD Groundwater Model, prepare recycled water model simulations, and estimate potential flows and storage.
2. Study should include recommendations for reducing CVWD's overall treatment costs and reducing annual costs to the City of Los Angeles.
3. Review CVWD's existing contract with the City of Los Angeles for treatment and disposal costs with respect to less wastewater going LA and future contract negotiations.

JRC provided a proposal (see attached) to prepare the Study utilizing a team from Kennedy Jenks and WSP Environment and Infrastructure, Inc. to accomplish the scope of work for the Study. The proposal also included a project schedule for the Study to be completed by July 2023, and a proposed fee of $336,083. The budget for the Study was $200,000 for FY 22/23 as part of the Sewer Expense for Administrative Consultants.

Staff has met with Glendale Water and Power (GWP) about participating in the Study since one of the alternatives would be to inject recycled water into the Verdugo Basin, which would benefit both CVWD and GWP. In addition, there was discussion about how Glendale could also reduce their flow to the City of Los Angeles bringing down their overall treatment expense. GWP indicated that they will be willing to share some of the costs of the Study. Staff plans to meet with GWP & Glendale Public Works to further discuss their involvement and cost sharing.

RECOMMENDATION:

It is staff's recommendation to bring this discussion to the Board of Directors for consideration regarding the scope of work and cost of the Study, including participation from GWP.

CVWD has also created a Water Supply Development & Management group that is looking into ways to sustain or increase CVWD's local water supply today and into the future. One of the elements the group is focusing on is utilizing available recycled water rights in exchange for access to storm water to recharge the Verdugo Basin.

Prepared & Submitted by:

David S. Gould, P.E.
Director of Engineering & Operations

Attachments:

1. John Robinson Consulting Proposal dated September 29, 2020.

g:\engineering committee\2022 ec memo\10-05-22 ecm memo - alt ww study.docx

September 29, 2022

Mr. David Gould
Director of Engineering and Operations
Crescenta Valley Water District
2700 Foothill Boulevard
La Crescenta CA 91214

Subject: Letter Proposal for 2022 Wastewater Treatment & Disposal Alternative Study Crescenta Valley Water District Project M-1037B

Dear Mr. Gould:

John Robinson Consulting, Inc. (JR Consulting) and our subconsultants Kennedy Jenks Consultants, Inc. (KJ) and WSP Environment & Infrastructure Inc. (WSP) is pleased to offer is letter proposal to Crescenta Valley Water District (CVWD) based on our discussion on August 18th which reviewed the concept of a 2022 wastewater treatment and disposal alternative study that was advertised in March 2022 for CVWD's service area. The Study's goal is to prepare a wastewater treatment & disposal alternative study to investigate and review potential alternatives for future treatment and disposal systems that could reduce CVWD's costs to the City of Los Angeles while recharging the Verdugo Basin to assist offset imported water costs.

Our firm is a California S Corporation, is certified as Small Business Enterprise (SBE) by State of California Department of General Service and is located locally in Pasadena. This letter proposal outlines our recommended scope of service, schedule and compensation.

SCOPE OF SERVICES

Task 1 – Wastewater Characterization

Wastewater Flows: The Project Team will utilize data from the Wastewater Master Plan project currently under development by KJ to determine available current and future wastewater flows for the alternatives under evaluation for this Study. Dry weather and wet weather flows will be identified for 2025 and 2045 conditions.

Wastewater Quality: It is assumed that wastewater quality information is not available for the Study. Typical industry standards for urban wastewater will be utilized for the purposes of defining potential treatment systems with a focus on Los Angeles-Glendale Wastewater Treatment Plant since that is the discharge location for CVWD's wastewater. The Project will evaluate CVWD data for water quality characteristics of the nitrate system treatment brine that is disposed to the wastewater collection system.

Deliverable: *Data tables describing flow and quality characteristics (PDF).*

Task 2 – Preliminary Alternatives Development and Fatal Flaw Analysis

Task 2.1 Alternatives Development

Up to 12 project alternatives will be developed for the purposes of treatment and reuse of wastewater flows generated within CVWD's service area. The project alternatives may include the following potential concepts:

- Centralized or decentralized wastewater treatment for recycled water irrigation reuse
- Centralized wastewater and advanced water purification treatment for groundwater recharge
- Centralized wastewater treatment for recycled water sales to other utilities
- Nitrate treatment plant brine separation and treatment for irrigation or potable use
- Status quo – do nothing

The Project Team will coordinate with CVWD on the development of the project alternatives. Conceptual treatment technologies, design capacities, and project locations will be provided. Potential permitting issues and requirements will be identified. Potential stakeholders and partnerships that would impact project implementation and/or project costs will be identified. Potential CEQA considerations and requirements will be identified. An order-of-magnitude cost estimate, in $10M increments, will be developed for each alternative.

For Status Quo project alternative, the Project team will determine estimated cost projections for wastewater treatment rates from City of Los Angeles and imported water rates (MWD) in order to provide comparisons for other alternatives lifecycle costs.

Task 2.2 Fatal Flaw Analysis

A fatal flaw analysis will be conducted on the preliminary project alternatives with input from CVWD staff, based on technical, institutional, regulatory, and financial criteria. The fatal flaw analysis will develop a short list of up to three (3) project alternatives for further analysis.

<u>Deliverable:</u>
- *One (1) table and up to two (2) figures will be developed to describe the initial alternatives (PDF)*
- *The fatal flaw analysis will be summarized in a table (PDF)*

Task 3. Short-List Alternatives Analysis

Task 3.1 Short-List Alternatives Development

The alternatives that are short-listed from the fatal flaw analysis will be further developed and will included the following:

- Facility sizing,
- General site layouts,

- AACE Class 5 Opinion of Probably Cost of Construction will be provided for up to three (3) alternatives;
- The cost impacts of each alternative will be summarized in a life cycle cost analysis that considers project capital and O&M costs, revenue generation, potable water cost offset, and wastewater disposal cost offset. The Project Team will review the City of Los Angeles Agreement including universal terms and specific terms and provide recommendations in anticipation of contract renewal in 2030;
- Quantification of potential recharge for each alternative and the associated equivalent water supply (i.e. estimate groundwater recovery);
- Identification of potential impacts and mitigation measures for each alternative to regional salt and nutrient management plan in association with the Basin Plan;
- The Project Team will for the alternatives include a sensitivity analysis on impact of climate change and drought (e.g. scenario with limited groundwater availability, limited imported water availability, and resulting cost impacts/alternative rankings);
- JRC will identify and provide a list of potential state and federal grant and low-interest loan funding programs for each alternative;
- A high-level staffing analysis will be provided for each alternative, which will identify required number of staff and certifications to operate the new facilities. The Project Team will utilize Section 64413.1 – Classification of Water Treatment Facilities to determine staffing requirements for each alternative because the proposed alternative technology for recycled water will be similar/comparable to drinking water;
- A preliminary project implementation schedule and project delivery method will be identified for each project alternative;

Deliverable: *A one-page project sheet will be developed for each alternative, which will consist of tables, figures describing alternatives, and engineers' opinion of probable costs.*

Task 3.2 Alternatives Analysis

The alternatives will be ranked based on a set of weighted evaluation criteria developed with CVWD staff, which may include cost impact, regulatory requirements, institutional challenges, sustainability, and construction factors. With input from CVWD staff, one or more alternatives will be recommended for further implementation.

Deliverable: *The alternatives ranking analysis will be summarized in a table (PDF)*

Task 4. Updated Groundwater Model and Recycled Water Model Simulations

JRC has added WSP to our Project Team in order to evaluation of conditions in the Verdugo Basin (Basin) related to the possible injection of treated wastewater into the Basin with eventual extraction as groundwater using Crescenta Valley Water District and potentially City of Glendale wells. The Project Team understands that this work will be performed for use by CVWD to allow modeling "runs" to evaluate the injection and extraction permitting discussions with relevant regulatory agencies. Important considerations for injection and extraction of treated water into a groundwater system include injection locations, depth of injection, groundwater mounding and potential impacts to overlying structures, injection flow rates, volumes of injected water, mixing of injected water with local groundwater, and travel times for injected water to reach extraction wells where the water would be extracted and used for potable purposes.

WSP constructed a groundwater flow model for CVWD in 2005. The model was used to evaluate overall Basin groundwater conditions and possible recharge sites for surface water flows in the Basin. The most-recent update of the model includes water level, pumping, and other hydrologic data through 2002. In order to be of practical use for the evaluation of a treated water injection and extraction program, the model will need to be updated to year 2022 conditions.

Refer to *Attachment A* for the full scope of services for the updated groundwater model and recycled water modeling including:

Task 4.1 Update Groundwater Flow Model
Task 4.2 Model Simulations
Task 4.3 Technical Memorandum – Model Update and Evaluation of Injected Recycled Water Travel Times and Flow Paths

Task 5. Report Preparation

A Draft and Final Report will be developed summarizing the work conducted under this Study.

Task 5.1 Draft Report Preparation

The Draft Report shall include drawings, maps and graphics, reflecting the information gathered and prepared. A draft of the report shall be provided to CVWD staff for review.

Task 5.2 Final Report Preparation

A Final Report shall be prepared incorporating comments on the Draft Report.

5 Deliverable(s): *One (1) Draft Report (PDF) and One (1) Final Report (PDF)*

Task 6. Project Management, QA/QC, and Meetings

Task 6.1 Project Management

Project management activities will be performed to maintain the project schedule and budget, and communicate progress and issues with CVWD staff. Invoices will be prepared and submitted to CVWD on a monthly basis.

Task 6.2 QA/QC

Quality assurance and quality control (QA/QC) reviews will be performed throughout the course of this project. Work products will be reviewed prior to submittal to CVWD.

Task 6.3 Meetings and Workshops

The Project Team will attend an in-person kickoff meeting with CVWD staff. An agenda, meeting materials, and meeting notes will be prepared.

The Project team will attend up to four (4) in-person milestone meetings with CVWD staff to cover the following topics:

- Preliminary alternatives development
- Fatal flaw analysis
- Short-list alternatives development
- Short-list alternatives analysis & recommendations

An agenda, meeting materials, and meeting notes will be prepared for the milestone meetings.

The Project Team will:

- Attend up to two (2) in-person workshop meetings CVWD's Engineering Committee.
- Prepare and present one (1) formal in-person presentation to CVWD's Board of Directors.

Deliverable: *Meeting agendas, materials, and notes (PDF)*

TIME SCHEDULE

The Project Team will commence with the proposed scope of services after the Professional Services Agreement (PSA) has fully been executed. The Project Team proposes to complete the project within eight (8) months so it is available for Capital Improvement Project (CIP) planning for Fiscal Year 2023-3024.

The following milestone dates:

Milestones	Date
Notice to Proceed	11/3/2022
Draft Report Submittal	4/30/2023
CVWD Draft Report Comments	6/1/2023
Final Report Submittal	6/30/2023

COMPENSATION

The Project Team will provide the scope of services with the proposed schedule as set forth in this proposal to CVWD on a time and material basis. The compensation utilizes the $165 per hours for John Robinson and the same rate schedule KJ is using for the CVWD Wastewater Master Plan. The proposed compensation is provided as *Attachment B*.

The entire Project Team commits to timely, responsive services, and to deliver excellence in the offered services. We are eager and enthusiastic to begin this effort for CVWD.

If there are any questions, please feel free to contact me at (626) 375-9389 or jrobison@johnrobinsonconsulting.com

Very truly yours,

John Robinson Consulting, Inc.

John Robinson, Principal

Attachment B - Proposal Fee Estimate (1)(2)

		KJ										WSP (2)			KJ					
Classification:	**Project Manager John Robinson**	**Eng-Sci-9 David F.**	**Eng-Sci-8**	**Eng-Sci-7 Paul C. David S. Walt M.**	**Eng-Sci-6 Janet H.**	**Eng-Sci-5**	**Eng-Sci-4 Kajori P.**	**Eng-Sci-3**	**Eng-Sci-2**	**Project Assistant**	**Total Hours**	**Labor**	**ODCs**	**ODCs Markup**	**Labor**	**ODCs**	**ODCs Markup**	**Total Labor**	**Total Expenses**	**Total Labor + Subs + Expenses**
Hourly Rate:	**$165**	**$305**	**$290**	**$270**	**$245**	**$220**	**$200**	**$185**	**$165**	**$130**	**Hours**	**Fees**	**Fees**	5%	**Fees**	**Fees**	5%			**Fees**
Task 1. Wastewater Characterization																				
Wastewater Flows and Quality	8			8			12				28	$0		$0	$4,560		$0	$5,880	$0	$5,880
Task 1 - Subtotal	8	0	0	8	0	0	12	0	0	0	28	$0	$0	$0	$4,560	$0	$0	$5,880	$0	$5,880
Task 2. Preliminary Alternatives Development and Fatal Flaw Analysis																				
2.1 Alternatives Development	48			40			80				168	$0		$0	$26,800		$0	$34,720	$0	$34,720
2.2 Fatal Flaw Analysis	40			24			48				112	$0		$0	$16,080		$0	$22,680	$0	$22,680
Task 2 - Subtotal	88	0	0	64	0	0	128	0	0	0	280	$0	$0	$0	$42,880	$0	$0	$57,400	$0	$57,400
Task 3. Short-List Alternatives Analysis																				
3.1 Short-List Alternatives Development	24			54	8		110				196	$0		$0	$38,540		$0	$42,500	$0	$42,500
3.2 Short-List Alternatives Analysis	58			16			40				114	$0		$0	$12,320		$0	$21,890	$0	$21,890
Task 3 - Subtotal	82	0	0	70	8	0	150	0	0	0	310	$0	$0	$0	$50,860	$0	$0	$64,390	$0	$64,390
Task 4. Updated Groundwater Model and Recycled Water Model Simulations																				
Three tasks supporting Updated Groundwater Model and Recycled Water Model Simulations	0			0			0				0	$121,103		$0	$0		$0	$121,103	$0	$121,103
Task 4 - Subtotal	0	0	0	0	0	0	0	0	0	0	0	$121,103	$0	$0	$0	$0	$0	$121,103	$0	$121,103
Task 5. Report Preparation																				
5.1 Draft Report Preparation	30			16			96				142	$0		$0	$23,520		$0	$28,470	$0	$28,470
5.2 Final Report Preparation	20			8			48				76	$0		$0	$11,760		$0	$15,060	$0	$15,060
Task 5 - Subtotal	50	0	0	24	0	0	144	0	0	0	218	$0	$0	$0	$35,280	$0	$0	$43,530	$0	$43,530
Task 6. Project Management, QA/QC, and Meetings																				
6.1 Project Management				48						12	60	$0		$0	$14,520		$0	$14,520	$0	$14,520
6.2 QA/QC	20	12		12							44	$0		$0	$6,900		$0	$10,200	$0	$10,200
6.3 Meetings and Workshops											0							$0		$0
Kickoff and Milestone Meetings (5)	20			10			20				50	$0		$0	$6,700	$250	$13	$10,000	$263	$10,263
Engineering Committee and Board Meeting (3)	6			15			18				39	$0		$0	$7,650	$150	$8	$8,640	$158	$8,798
Task 6- Subtotal	46	12	0	85	0	0	38	0	0	12	193	$0	$0	$0	$35,770	$400	$20	$43,360	$420	$43,780
All Tasks Total	**274**	**12**	**0**	**251**	**8**	**0**	**472**	**0**	**0**	**12**	**1222**	**$121,103**	**$0**	**$0**	**$169,350**	**$400**	**$20**	**$335,663**	**$420**	**$336,083**

(1) JRC does not mark up subconsultant invoices
(2) Refer to Attachment B for compensation breakdown for WSP

CRESCENTA VALLEY WATER DISTRICT
BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 2

To: Honorable President and Members of the Board of Directors November 8, 2022

From: Brook Yared, M.S., P.E. – Engineering Manager

Subject: **Award of Contract - Annual Contract for Booster Pump and Well Capital Improvement, Emergency Response, and Maintenance Services**

ACTION ITEM:

Annual Contract for Booster Pump and Well Rehabilitation, Emergency Response, and Maintenance Services – Consideration and motion to authorize the General Manager to award a contract to General Pump Company to provide services for booster pump and well rehabilitation, emergency response, and pump and well maintenance at an estimated cost of $150,200.

BACKGROUND:

CVWD has twelve (12) groundwater wells with pumps and thirty-four (34) booster pumps to access and transport local water supplies from the Verdugo Basin and lower pressure zones to reservoirs in higher-pressure zones, which is necessary to provide water throughout our diverse terrain. As staff prepared the annual Capital Improvement Project (CIP) program, projects are included for the replacement and rehabilitation of at least one groundwater well and at least one booster pump per year.

Also, a goal of CVWD's 2022 strategic plan is for CVWD to become proactive on pump maintenance instead of being reactive when a pump or motor fails. To meet this goal, CVWD needs to partner with a knowledgeable pump contractor that has extensive field experience to provide the services described herein, including on-call inspection, analysis, and reporting on all CVWD's wells, pumps, and motors.

Another goal of CVWD's strategic plan is to have contractors available to provide emergency services during a man-made or natural emergency event. A great concern of staff is that, if an emergency event happens, contractors (not under contract) may not be available, as they will be serving other agencies experiencing the same disaster.

DISCUSSION:

Staff put together a preliminary cost estimate for an Annual Contract for Booster Pump and Well Capital Improvement, Emergency Response and Maintenance Services for FY 22/23. The scope of work and all estimates were reviewed with the Engineering Committee at the meeting held on October 5, 2022. The original estimates based on the request for proposal were estimated at $315,000, at that time. The Engineering Committee recommended that staff proceed with soliciting a proposal from General Pump Company (General Pump). Staff received General Pump's proposal on October 28, 2022. The following is a summary of those proposals.

Pump Contractor:

CVWD has utilized several pump contractors over the years. Some of the issues with pump contractors in the past include overextension of contracted work, not providing timely service, not having materials on-hand, and failure of critical equipment. Conversely, General Pump has provided the best service compared to other contractors, and the last well rehabilitation they performed for CVWD was completed within two (2) months as compared to four to five (4-5) months with other contractors.

In addition, General Pump has demonstrated a high level of expertise with respect to knowledge on pump design and well rehabilitation. They have a large inventory of material and equipment that is dependable and stored locally. Finally, they are among a small group of firms that has engineers and hydrogeologists on staff to assist with testing, analyzing, and designing advanced well rehabilitations and booster pump replacements, including an approach and strategy in the face of unique challenge in the field.

Staff received a Proposal from General Pump that covers our standard scope of rehabilitation/replacement activities for past projects.

Annual Groundwater Well Rehabilitation:

Staff received a quote as part of General Pump's proposal. This quote helps establish a minimum cost to perform the well rehabilitation. Per there proposal (see attached) the cost for the work, assuming CVWD's standard rehabilitation is performed, amounts to $78,800, which is below the amount estimated in the attached Engineering Committee Memo dated October 5, 2022.

Without the opportunity to inspect and develop a work plan, the quote for the rehabilitation of Well 9 is subject to change. The lost savings opportunity of wells while they are not in service is very high. Staff would bring back any changes in the scope of work that are beyond the approval limits of the General Manager for approval.

Annual Booster Pump Rehabilitation

Staff also received a quote for the rehabilitation or replacement of Booster 26 at Cresta Heights Reservoir from General Pump. This booster pump has one of the largest amounts of service hours among booster pumps in the system and only has one other redundant pump to feed the upper pressure zone, which also has a large amount of service hours. General Pump's quote to accomplish this work, as laid out in the Request for Proposal (see attached), is $29,900.

General Pump's quote includes all the work necessary to remove and inspect the pump and return to the site to reinstall a new or refurbished pump. Without pump and clear well inspection being performed there may be unexpected complications that would lead to an increase in the scope of work. Any increases in the cost for the project would be discussed between staff and General Pump and then brought back to the Board for approval.

Annual Booster Pump Inspection and Maintenance Service

General Pump provided cost information regarding site visits for inspection and maintenance at sites that were not part of CVWD's planned rehabilitation projects. This will help provide the Production team with additional time to monitor the system by supporting their pump maintenance services. General Pump estimates that this work will cost approximately $1,220 per pump with some savings at sites with multiple pumps (see attached). Considering CVWD has thirty-four (34) booster pumps in the distribution system and one (1) well pump that requires regular maintenance, staff Approximates the cost for maintenance and inspection services to be $41,500.

Emergency Pump & Motor Services

Finally, the RFP provides for critical emergency services during a man-made or natural emergency. A contractor must be able to provide emergency services and be responsive to an emergency event within 24 hours. The contract will be based on the agreed upon fee/rate schedule, response time, and availability of materials. Most importantly, it would eliminate the need to seek out an available pump contractor during an emergency.

The hourly rates for General Pump to respond to an emergency on a time and material basis are attached. Should no emergencies take place this cost would be zero. If a booster pump were to fail the cost for emergency response could be anywhere between $25,000-$50,000. Finally, should a well pump fail the cost for rehabilitation could range between $75,000-$105,000 based on the quotes provided by General Pump this year.

COST SUMMARY

A summary of costs based on quotes recently submitted by general pump in response to our request for proposal are provided below:

Id No.	FY 22/23 Booster Pump and Well Emergency and Maintenance Services	Estimated Annual Cost
1	Well Rehabilitation (CIP)	$78,800
2	Booster Pump Rehabilitation (CIP)	$29,900
3	Annual Booster Pump Inspection and Maintenance Service (Expense)	$41,500
4	Emergency Pump & Motor Services (Expense)	$-
	FY 22/23 Total	$150,200

This brings the cost for the Annual Contract for Booster Pump and Well Rehabilitation, Emergency Response, and Maintenance Services in FY 22/23 to $150,200, which is $43,800 below the budgeted amount for CIP of $194,000 and $139,800 below the total estimate, excluding emergency services, provided to the Engineering Committee. An additional $105,000 is budgeted for booster pump and well maintenance, which will be covered by the work in this annual contract. The remaining budgeted items, totaling $148,800 will be reserved in case of increases to the scope of work after inspections and for emergency response services. Staff will bring proposals to the Board regarding changes to the scope of work with budget updates as they arise.

RECOMMENDATION:

Staff recommends that the Board of Directors authorize the General Manager to award a contract to General Pump Company to provide services for booster pump and well rehabilitation, emergency response, and pump and well maintenance at an estimated initial cost of $150,200. As well as authorize the General Manager to engage in emergency services with General Pump Company under this contract as long as it does not exceed the amount budgeted for in FY 22/23 without prior Board approval.

Prepared by:

Brook Yared, M.S., P.E.
Engineering Manager

Submitted by:

David S. Gould, P.E.
Director of Engineering & Operations

Attachments:

1. Engineering Committee Memo dated October 5, 2022
2. General Pump Company's proposal dated October 28, 2022

For details regarding CVWD's Request for Proposal please visit:
https://www.cvwd.com/uploads/files/committee_packets/2022/Engineering%20Committee/10052022%20Eng%20Com%20Packet.pdf

Attachment

CRESCENTA VALLEY WATER DISTRICT
STAFF REPORT

Information Item No. 2
October 5, 2022

To: Engineering Committee
From: Brook Yared, M.S., P.E. – Engineering Manager
Subject: **Annual Contract for Booster Pump and Well Capital Improvement, Emergency Response, and Maintenance Services**

INFORMATION ITEM:

Annual Contract for Booster Pump and Well Capital Improvement, Emergency Response, and Maintenance Services – Discussion regarding utilizing a pump contractor to provide annual pump and well rehabilitation services, as well as annual pump capital improvement, emergency response, and maintenance services.

BACKGROUND:

CVWD has twelve (12) groundwater wells with pumps and thirty-four (34) booster pumps to access and transport local water supplies from the Verdugo Basin and lower pressure zones to reservoirs in higher-pressure zones, which is necessary to provide water throughout our diverse terrain. As staff prepared the annual Capital Improvement Project (CIP) program, projects are included for the replacement and rehabilitation of at least one well and at least one booster pump per year.

A goal of CVWD's strategic plan is for CVWD to become proactive on pump maintenance instead of being reactive when a pump or motor fails. To meet this goal, CVWD needs to partner with a knowledgeable pump contractor that has extensive field experience to provide the services described herein, including on-call inspection, analysis, and reporting on all CVWD's wells, pumps, and motors.

Another goal of CVWD's strategic plan is to have contractors available to provide emergency services during a man-made or natural emergency event. A great concern of staff is that, if an emergency event happens, contractors (not under contract) may not be available, as they will be serving other agencies experiencing the same disaster.

DISCUSSION:

Staff has developed a request for proposals (RFP) that details the limits of work for well rehabilitation as well as booster pump maintenance and replacement services, including emergency services and annual pump and motor maintenance. The proposal being requested shall include the following items and contractually guarantee that the work is done in accordance with CVWD's Rules and Regulations and all state and local regulations.

Annual Groundwater Well Rehabilitation:

Staff has developed a detailed standard approach to well rehabilitation that can be used by a pump contractor as part of an annual well rehabilitation program. These projects represent some of the most profitable for the District as they allow the community to access local water supplies stored in the Verdugo Basin. Staff has been investigating ways to improve our daily efficiency with respect to pump maintenance as we focus on our ever-increasing volume of annual pipeline replacements.

In a reactive maintenance approach, a well can fail and remain inactive for months representing a large cost increase as the District will need to source water from imported sources during this downtime. After a well pump has failed, staff requires time to design and resize the pump, publicly advertise for bids, and award a contract that take upwards of two or three (2-3) months before actual work, by a contractor, can begin. Rushed contracting of these critical services also poses a risk of having an underqualified pump contractor win the bid, which can result in delayed construction, poor pump selection due to lack of availability, and/or damage to the well casing.

Having an established Contractor for all planned and emergency work would allow for earlier materials procurement and reduce mobilization time, which reduces the downtime of any of our vital groundwater resources to between two and three (2-3) weeks.

Annual Booster Pump Rehabilitation

Staff has also developed a standard approach to booster pump replacement that a pump contractor could utilize as part of the annual booster pump rehabilitation so staff can focus on the annual pipeline replacement program.

As discussed above, with reactive maintenance there is a period of time, between two to three (2-3) months, before actual work by a contractor can begin. Therefore, staff is also recommending that we include this task as part of the RFP so the design work and materials procurement can take place in advance of construction. This will eliminate the time lag between the start of design and mobilization on-site.

Annual Booster Pump Inspection and Maintenance Service

As part of CVWD's strategic plan, staff's objective is to become proactive on pump maintenance. To meet this objective, staff will need the assistance of a pump contractor, to provide semi-annual maintenance and inspection services such as motor maintenance, pump efficiency, and visual inspection of all CVWD's pumps and motors at least twice a year. The pump contractor will also be required to provide an inspection report with recommendations that staff can use to prioritize pump and motor replacement or rehabilitation in the following years.

Emergency Pump & Motor Services

Finally, the RFP provides for critical emergency services during a man-made or natural emergency. A contractor must be able to provide emergency services and be responsive to an emergency event within 24 hours. The contract will be based on the agreed upon fee/rate schedule, response time, and availability of materials. Most importantly, it would eliminate the need to seek out an available pump contractor during an emergency.

Pump Contractors:

CVWD has utilized several pump contractors over the years. Some of the issues with pump contractors in the past include: overextension of contracted work, not providing timely service, not having materials on-hand, and failure of critical equipment. Conversely, General Pump Company has provided the best service compared to other contractors, and the last well rehabilitation they performed for CVWD was completed within two (2) months as compared to four to five (4-5) months with other contractors.

In addition, General Pump has demonstrated a high level of expertise with respect to knowledge on pump design and well rehabilitation. They have a large inventory of material and equipment that is dependable and stored locally. Finally, they are among a small group of firms that has engineers and hydrogeologists on staff to assist with testing, analyzing, and designing advanced well rehabilitations and booster pump replacements, including an approach and strategy in the face of unique challenge in the field.

FY 22/23 – CIP Contract Cost Estimate:

Staff reviewed General Pump's fee schedule and estimated the project costs for the rehabilitation of Well 9 and the replacement of Booster #26 at Cresta Heights, as discussed below.

Well Rehabilitation:

Past well rehabilitation projects for the District, which require large contributions of staff's time, have cost between $95,000-$120,000. Based on estimates of General Pump's past fee schedule, staff estimates the cost for the rehabilitation of Well 9 to be around $165,000. The scope of work for the rehabilitation of Well 9 would include the following:

- Removal of the existing pump and motor assembly
- Wire brushing & removal of sediment by bailing
- Pre-rehabilitation CCTV inspection of well casing
- Review inspection data and make rehabilitation recommendations
- Procurement of a new pump and motor assembly
- Mechanical development of the well
- Chemical treatment of well casing using acids and dispersants
- Advanced treatment, options of the well casing (i.e., Sonar Jetting, Air Bursting)
- Post-rehabilitation CCTV of well casing
- New pump and motor assembly installation
- Discharge requirements per NPDES best management practices
- Pump startup and testing
- Return well to service: well disinfection and DDW approval
- As built and report submission

Booster Pump Rehabilitation

Booster Pump rehabilitation or replacement does not involve as much rehabilitation work. However, booster pumps are generally larger, more expensive, and require a longer lead time to procure. Historically, the average booster pump replacement cost ranges from $25,000 to $45,000, depending on the size and capacity of the pump. To replace Booster #26 at Cresta Heights, staff estimates the cost to be around $60,000. The scope of work for Booster 26 at Cresta Heights includes the following:

- Assessment of pump failure at the site, if necessary (vibration analysis, power surge)
- Remove pump and motor assembly
- Perform inspection of existing pump and motor for reporting
- Review inspection data and make rehabilitation recommendations
- Assess line shaft and column pipe for refurbishment or replacement
- Procure the new pump & motor assembly plus all necessary column piping or appurtenances
- Install new pump and motor after staff review.
- Start up and testing
- As built and report submission

Annual Booster Pump Inspection and Maintenance Service

Staff reviewed General Pump's rate schedule for providing semi-annual maintenance and inspection services for all CVWD's pumps and motors and provide an inspection report with recommendations based on industry best practices. Staff has estimated the annual cost for pump maintenance and inspection services for FY 22/23 (one inspection per site) to be approximately $65,000 and will be drawn from Operating Budget under the Booster Pump Maintenance account.

Emergency Pump & Motor Services

Staff reviewed General Pump's rate schedule for providing emergency pump and motor services and estimated the annual cost to be around $25,000, on an as-needed basis.. Any services incurred will be drawn from the Operating Budget under the Emergency Operations account.

SUMMARY & RECOMMENDATION:

Staff put together a preliminary cost estimate for an Annual Contract for Booster Pump and Well Capital Improvement, Emergency Response and Maintenance Services for FY 22/23 at $315,000 by General Pump (see table below).

Id No.	FY 22/23 Booster Pump and Well Emergency and Maintenance Services	Estimated Annual Cost
1	Well Rehabilitation (CIP)	$165,000
2	Booster Pump Rehabilitation (CIP)	$60,000
3	Annual Booster Pump Inspection and Maintenance Service (Expense)	$65,000
4	Emergency Pump & Motor Services (Expense)	$25,000
	FY 22/23 Total	$315,000

This brings the cost for the planned booster pump and well CIP in FY 22/23 to a conservative estimate of $225,000, which is $31,000 above the budgeted amount of $194,000. An additional $105,000 is budgeted for booster pump and well maintenance, which will be covered by the work in this annual contract. That brings the total budgeted amount available for this work to $299,000. The actual cost for the proposed work will only be determined once a proposal has been submitted.

It is staff's recommendation to solicit a proposal from General Pump Company to provide services to accomplish the work described above. Proposals will be due by the end of the month and brought to the Board of Directors for award of contract in November. Once the contract is awarded, staff can proceed with the rehabilitation of Well 9 during the winter months when demands are lowest.

Prepared by:

Brook Yared, M.S., P.E.
Engineering Manager

Submitted by:

David S. Gould, P.E.
Director of Engineering & Operations

Attachments:

1. CVWD's Request for Proposals

Attachment

GENERAL PUMP COMPANY

159 N. ACACIA STREET * SAN DIMAS, CA 91773
PHONE: (909) 599-9606 * FAX: (909) 599-6238

CAMARILLO, CA 93010 * PHONE: (805) 482-1215
www.genpump.com

WELL & PUMP SERVICE SINCE 1952
Serving Southern California and Central Coast

Lic. #496765

REQUEST FOR PROPOSAL

FY 22/23
ANNUAL WELL AND PUMP MAINTENANCE & EMERGENCY SERVICES

DUE DATE – OCTOBER 28, 2022 @ 12:00 P.M.

Presented To

CRESCENTA VALLEY CVWD WATER DISTRICT

2700 FOOTHILL BOULEVARD
LA CRESCENTA, CALIFORNIA 91214
ATTN: BROOK YARED, ENGINEERING MANAGER

By

MICHAEL BODART
GENERAL PUMP COMPANY

GENERAL PUMP COMPANY

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October 25, 2022

Crescent Valley Water District
Attn. Brook Yared

RFP – Crescenta Valley Water District – Annual Well and Pump Maintenance – Due October 28, 2022

General Pump Company, Inc. is pleased to submit the above referenced RFP regarding the well and pump maintenance services for Crescenta Valley Water District (CVWD). General Pump has reviewed all elements of this RFP and is in full agreement to perform the required services in connection with the District's distribution system.

CVWD and General Pump have developed a trust and partnership for over thirty-five (35) years. Our detailed records we have on file regarding the District's wells and pumps have critical information that we use to evaluate any issues that may occur. Our knowledge of the site constraints also makes it possible for General Pump to respond to the District's needs faster and with better efficiency than any other company.

Although our qualifications exceed that of our local competitors, our costs are also lower. General Pump's San Dimas Office is located approximately twenty (25) miles east of CVWD's office. We also have a second facility in Camarillo to take care of servicing your water needs. It is slightly farther but has some advantages regarding traffic. Not only can we be on site prepared to fix any pump or well issue quicker due to our knowledge of the District's water system, but we also have less than half of the travel time as compared to our competitors. Reduced travel will result in a 20% to 30% savings for the District.

Attached for your review is our Statement of Qualifications, which describe our services we have provided to cities and water districts throughout Southern & Central California for over seventy (70) years. General Pump Company is the **only well & pump service company in Southern California** that has a staff of experienced civil mechanical engineers and registered geologist who are ***specialized*** and are 100% dedicated to well and pump service. Our geologist is located only ten (10) minutes from the District's office. Unlike many of our competitors whose primary focus is on drilling new wells, General Pump's only focus is on pump engineering service and well rehabilitation. The ***No Cost Engineering and Geologist*** work can save the District **thousands of dollars per project**.

General Pump has more Maintenance Contracts with the cities and water districts than all our competitors combined in the Southern California region.

No two wells in the world are identical. Water quality, ground water geology, depths, construction materials, age, drilling techniques, aquifer water levels, and usage, all make water wells a challenge for redevelopment and repairs. General Pump's professional staff spends a lot of time researching and testing to help come up with possible solutions. The construction cost of a new well and the equipment needed to produce water is in the millions of dollars. The largest power users in many Cities are the pumping systems that keep the water and sewers systems working. An inefficient well or pump can cost the District millions of dollars over its life in addition power cost. Reliability is also a key concern.

General Pump has been inventing new ways to repair existing wells, design new types of pumps, and redevelopment wells for many years. These new technologies are taught to the Cities and Consultants primarily through large seminars. Cities, Water Districts, Industrial, Agricultural, and Private Water Companies also work directly with General Pump Company's staff and technicians to resolve issues. Innovation, expertise, and our special equipment is another reason why General Pump Company is different than any other Well and Pump Engineering Service Company.

General Pump Company is one of the few Contractors that hold all of the **REQUIRED** license classifications: Engineering A, C61, D21, and C57. General Pump Company considers our Maintenance Contracts as our highest priority. These Contracts are more than just an agreement, but instead a promise to assist the District on being successful in maintaining a reliable cost-effective pumping system.

General Pump has the most complete pump repair facility in Southern California. Most companies send equipment out to other vendors to machine and repair the pump. We not only manufacture most of the pump parts in-house, but also manufactures parts for other pump companies. We are the **only** manufacturer of the ***GPC Water Flush Deep Well Turbine Pump***. This is the fastest growing deep well turbine pump in Southern California. These well pumps out-perform the standard water lube pumps and do not require oil for line shaft bearing lubrication.

General Pump is certified by Byron Jackson pumps (Flowserve) to install and repair these special submersible pumps. There are only two (2) companies approved by the factory to work on these pumps.

General Pump Company is the most experienced and qualified Contractor in the world with the use of **AirBurst®,** which has been determined to be one of the most effective well development process invented in the past twenty (20) years. General Pump is also the most experienced Contractor in the world when it comes to the use of Well Klean® products. Other manufacturers have attempted to copy the formula over the past twenty-seven (27) years but have not been successful. Well Klean® chemicals have been used to clean our Navy's ships, District distribution pipelines, and water wells all over the U.S. for over twenty-five (25) years.

The "Groundwater & Wells" is the most read and used well and pump book in the world. Johnson Screens asked General Pump Company to assist in writing the technical pump section for this 3rd Edition, which was published in 2007. The first Edition was published in 1962.

Contacts:

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President / Director of Engineering
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mbodart@genpump.com

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Senior Project Geologist
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GENERAL PUMP COMPANY

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October 28, 2022

REQUIRED STATEMENTS FROM CRESCENTA VALLEY WATER DISTRICT

General Pump Company (GPC) is in compliance with the following required statements as requested by Crescenta Valley Water District (CVWD).

- All charges for services will be a "Not-To-Exceed" fee, as submitted with and made part of said contractor's cost proposal.
- All federal laws and regulations shall be adhered to notwithstanding any state or local laws and regulations. In case of conflict between federal, state, or local laws or regulations, the strictest shall be adhered to.
- GPC shall allow all authorized federal, state, county, and City officials access to place of work, books, documents, papers, fiscal, payroll materials, and other relevant contract records pertinent to this project. All relevant records shall be retained for at least three (3) years.
- General Pump Company, Inc. adheres to equal opportunity employment practices to assure that applicants and employees are not discriminated against because of their race, religion, color, national origin, ancestry, disability, sex, or age. Furthermore, General Pump does not and will not maintain or provide for its employees any segregated facilities at any of its establishments, and that it does not and will not permit its employees to perform their services at any location, under its control, where segregated facilities are maintained.
- GPC shall comply with the California Labor Code pursuant to said regulations entitled: Federal Labor Standards provisions; Federal Prevailing Wage Decision; and State of California Prevailing Wage Rates, respectively.
- GPC shall comply with the Copeland Anti-kickback Act (18 USC 874 C) and the implementation regulation (29 CFR 3) issued pursuant thereto, and any amendments thereof.

General Pump Company

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STANDARD AND DISCOUNTED RATES

(Effective November 01, 2021)

	Standard Rate	CVWD Disc. Rate 10%
3-Man Crew & Standard Pump Pulling Rig	$595.00 / Hr	$535.50 / Hr
1 Operator & 40-Ton Crane	$399.00 / Hr	$359.10 / Hr
1-Man Crew, Service Support Rig for the 40-Ton Crane	$189.00 / Hr	$170.10 / Hr
2-Man Crew & Combination Rig	$449.00 / Hr	$404.10 / Hr
2-Man Crew & Standard Pump Pulling Rig	$425.00 / Hr	$382.50 / Hr
Wire Brush or Swab Rental (Nylon Brush NOT included)	$950.00 Each	$855.00 Each
Flatbed Truck & Driver	$185.00 / Hr	$166.50 / Hr
Rotary Crane (up to 17-ton) & 1-Man Crew	$285.00 / Hr	$256.50 / Hr
Rotary Crane & 2-Man Crew	$399.00 / Hr	$359.10 / Hr
Service Truck & 1 Pump Mechanic, Electrician or General Services	$185.00 / Hr	$166.50 / Hr
Service Truck & 1 Pump Mechanic & Helper	$319.00 / Hr	$256.50 / Hr
Pipeline Fabricator	$189.00 / Hr	$170.10 / Hr
Shop Labor – Pump Mechanic	$114.00 / Hr	$102.60 / Hr
Shop Labor – Machinist or Welder	$114.00 / Hr	$102.60 / Hr
Overtime & Saturdays	Add $60.00 per Man Hour	$54.00 / Man Hr
Sundays & Holidays	Add $120.00 per Man Hour	$108.00 / Man Hr
Control & Instrument Specialist	$192.00 / Hr	$172.80 / Hr
Additional Helper	$120.00 / Hr	$108.00 / Hr
Video Log – Color with Downhole and Side-Scan	$1,290.00 per DVD	$1,161.00 / DVD
Re-Video Log – Color with Downhole and Side-Scan	$1,190.00 per DVD	$1,071.00 / DVD
Dynamic Video with Mini Camera	$1,950.00 per DVD	$1,755.00 / DVD
Test Pump – Above 300-Hp Drive/ Generator	$340.00 / Hr	$306.00 / Hr
Test Pump – Below 300-Hp Drive/ Generator	$295.00 / Hr	$265.50 / Hr
1-Man Crew & Chemical Distribution Trailer, with Safety Equipment	$299.00 / Hr	$269.10 / Hr
Engineering and Hydrogeology Support	Per Job Basis	Per Job Basis

RATES DO NOT INCLUDE SECURITY OR PORTA POTTIES

FIELD RATES ARE PORTAL TO PORTAL

For additional information on *General Pump Company, Inc.*
Or to speak with one of our qualified Engineers,
please contact us at: engineering@genpump.com

STATEMENT OF QUALIFICATIONS

GENERAL PUMP COMPANY

STATEMENT OF QUALIFICATIONS

CAPABILITIES

General Pump Company, Inc. is a Professional Well Redevelopment and Pump Equipment contractor located in San Dimas and Camarillo, California. The Engineering staff, field support and service crews, and office support staff are 100% dedicated to well evaluation and rehabilitation, and pump equipment evaluation and services.

The technical staff at General Pump Company, Inc. has worked in almost every aspect of the well and pump industries. This diverse experience provided us with unique qualifications to serve our customers and provide them with solution-oriented approaches to get their system back into operation. Our engineers and Hydrogeologist have all worked in the drilling and design segment of the water, and/or oil and gas industries, and many of our shop and support technicians have worked for major pump manufactures.

General Pump Company, Inc. employs only experienced Engineers, Hydrogeologist and Technical Field Personnel that can offer Customers assistance in the following areas:

- Assess Well Yields to Minimize Operating and Maintenance Costs
- Determine the Efficiency of Production and ASR Wells and Pumps
- Engineered Pump and Well Equipment
- Pump Facility Design and Construction / Booster Facility Design and Construction
- Pipeline Design and Construction
- Appropriate Mechanical and Chemical Redevelopment
- Periodic Monitor and Maintenance Programs
- Water Quality and Production Solutions / Well System Optimization
- Engineered Pump Suctions
- Pump and Motor Repair / Custom Pump Design and Machining
- Electrical, SCADA and Transducer Support
- Casing Repair and Swedging
- Video and Geophysical Logging Support

General Pump Company, Inc., an Engineering Service Company, is dedicated to supporting the ongoing needs of the Water Industry, and committed to providing:

- Solution-oriented engineering using problem-solving techniques by degreed Engineers with diverse well system and groundwater experience, and pump application engineers from major pump manufacturing companies.
- Full-time machine shop, staffed with experienced personnel capable of building and repairing standard and custom pump equipment and specialty products.
- Self-contained chemical trailers to include safety support and operational controls.
- Trained and certified operators for periodic monitoring and maintenance programs.
- In-house training facility and training programs for customers and our own personnel.
- Strong project and construction management for any size project.
- Instant communications with cellular radio/phones for all staff, engineering, technical, field and shop personnel, resulting in better services at a reduced risk and overall cost.
- Modern, safe and reliable equipment with the **Only Telescoping Well Rigs with Spudders** in the industry which are required for effective redevelopment of wells in pump houses.

SAFETY

Safety is paramount when men and equipment are involved. A good safety record is important along with adequate insurance and bonding. General Pump Company, Inc. has the best safety record in Southern California for the water well and pump rehabilitation business. Over the past years, General Pump Company, Inc. has had minimal loss of time for work related injuries

ANNUAL CONTRACTS

Award of an Annual Contract is a great honor and to have an Annual Contract renewed year after year is the greatest complement to a service company. It proves that the contractor has met or exceeded the customers' set goals and expectations. General Pump Company, Inc. has been selected by over 45 cities in Southern California to maintain their well and pumping systems. We have more annual contracts with cities than all our competitors combined. Additionally, General Pump Company, Inc. is the primary contractor or sole-source contractor for 15 private utilities and water districts. Most of these are multi-year contracts having been renewed several times over.

MACHINE SHOP CAPABILITIES

General Pump Company, Inc. is the only well and pump Service Company in Southern California that builds 100% of our bowl assemblies. This level of expertise, along with our in-house machining, allows us to supply or repair with a greater level of knowledge that your pump equipment will be reliable and efficient.

Our repair and fabrication facility maintains the most complete line of lathes, welding and associated machining tools.

General Pump Company, Inc. has an expansive repair and fabrication facility. This facility has proven to be invaluable over our 66 years of business, since many pump and motor repairs require a strong interface between machining, welding and electrical support in order to be completed. We have three major groups within our repair and fabrication facility that allow us to serve your needs in a variety of ways:

- **Fabrication and Machining:** Including lathes, milling machines, grinders, balancing machines, flame welding, gas and electric welding, heli-arc, etc. We perform welding on steel, aluminum, brass, cast iron, resurfacing, and custom work.

  We repair all types of pumps by all manufacturers in our facility up to approximately 24-inch impeller diameter for single and multi-stage Horizontal Pumps and 30-inch diameter for Vertical Turbine Pumps.

- **Assembly:** In general, the pumps we supply are designed and manufactured by General Pump Company at one of our Engineering Service Centers. Assembly of pumps assures the highest quality product, with the assurance that it is built correctly and will meet the design criteria specified.

- **Field Services:** This service has helped us establish ourselves as well and pump problem solvers since many operational problems can be traced to poor installation practices. Having the proper diagnostic equipment and knowing how to use it distinguishes us as "The Leader in Well and Pump Services".

MACHINE SHOP CAPABILITIES *(Continued)*

Precision Alignment - We've invested in the latest Precision Alignment technology and have established a growing list of customers who use us for these services.

Removal, Installation, Mechanical and Startup - We perform field-testing, removal, installation and machining services to offer a turnkey pump service.

General Pump Company, Inc. can provide you with high quality workmanship to meet your water supply needs. Our highly skilled employees can also perform repairs on many types of well and booster pumps.

Pump Repair

Booster
End Suction
Horizontal Split Case
Vertical Turbine
Right-Angle Drive

Machine Shop

Shaft Manufactured: Pumps & Motors, Precision Straightening, Electrical Motors

Sleeves Made: Bronze, Mild Steel, Stainless Steel

Threads and Tapping

Impeller Rebuilding

Balancing, Trimmed
Eyes & Flanges

Mechanical Seals

Re-Machine Seat, High Pressure, High
High Temperature

Electric Motors

New & Overhauled, Rewound, Balanced, Custom Bases, Shaft Repaired Upgrades

EQUIPMENT AND FIELD SERVICE

General Pump Company, Inc. maintains a full service machine shop, clean and safe rigs and cranes are a minimum requirement for reliability, quality workmanship and safety.

General Pump Company, Inc. has several trucks fully loaded with essential equipment to handle many urgent repairs in the field. Our well and pump service crews are always ready and willing to assist your Water Utility with making a repair to keep your well and booster facilities running. Just let us know and we will be on the way, ready to provide you with the highest quality service available.

General Pump Company, Inc. has the newest fleet of rigs and equipment in Southern California. Maintenance and repairs are made at our San Dimas and Camarillo Facilities to make sure our field operations can safely and efficiently respond to our customer's needs. Below are the benefits to our customers.

- Reliable work - In water emergencies, it is important that this large equipment is ready to respond without breakdowns.
- Safety - Our new equipment is not likely to malfunction resulting in major damage or possible injuries.
- The most up-to-date equipment to assemble the Customers' pumps.

General Pump Company, Inc. has the only telescoping pump rigs in Southern California.

General Pump Company, Inc. has chemical treatment equipment with fully operational safety equipment that includes eyewash and shower, along with other special redevelopment tools, which allow General Pump Company, Inc. to perform the most cost-effective cleaning to your wells.

PROFESSIONAL REFERENCES

Because of **General Pump Company's** long history in Southern California (over 65 years), we have selected six (6) cities as references. As we described above in our Proposal, **General Pump Company, Inc.** has been selected by 45 cities in Southern California to maintain their well and pumping systems. Upon your request, we can submit additional cities or additional information on other annual contracts.

City of Arcadia – Tom Tait	626-256-6554
Annual Contract	2003 – Present
City of Pasadena – Michele Carina	626-744-7012
Annual Contract	1982- Present
City of Orange – Son Tran	714-288-2497
Annual Contract	1997 - Present
City of Westminster – Scott Miller	714-895-2876
Annual Contract	1995 - Present
City of Santa Monica – Gary Richinick	310 826-6712
Annual Contract	1979 - Present
City of Glendora – Steve Patton	626-914-8249
Annual Contract	2002 - Present
City of Chino Hills – Steve Setlak	909-364-2806
Annual Contract	1999 - Present

Please let us know if you would like contacting names and phone numbers for other General Pump Company, Inc. customers or annual contract holders. We can also supply you with a list of Engineering Companies that we consult with and who regularly contract direct with General Pump Company, Inc.

-oOo-

GENERAL PUMP COMPANY

159 N. ACACIA STREET * SAN DIMAS, CA 91773
PHONE: (909) 599-9606 * FAX: (909) 599-6238

CAMARILLO, CA 93010 * PHONE: (805) 482-1215
www.genpump.com

WELL & PUMP SERVICE SINCE 1952
Serving Southern California and Central Coast

Lic. #496765

Well Preventative Maintenance References

Client References	Project	Work Description	Period	Project Funding per Year
City of Arcadia 240 W. Huntington Drive Arcadia, CA 91066 Contact: Tom Tait Ofc: 626-256-6554	Well & Booster Preventative Maintenance	Well & Booster Preventative Maintenance	Current	$150,000.00
City of Glendora 116 E. Foothill Blvd. Glendora, CA 91740 Contact: Steve Patton Ofc: 626-914-8200	Well & Booster Maintenance	Well & Booster Preventative Maintenance	Current	$200,000.00
City of Santa Monica 1228 South Bundy Drive Los Angeles, CA 90025 Contact: Gary Rickinick Ofc: 310-458-8411	Water Well & Pump Maintenance	Water Well & Pump Maintenance	Current	$400,000.00
City of Orange 189 South Water Street Orange, CA 92866 Contact: Son Tran Ofc: 714-288-2497	Well Maintenance and Repairs	Well Maintenance and Repairs	Current	$400,000.00
City of Monterey Park 2657 N. Delta Avenue Rosemead, CA 91770 Contact: Ralph Martinez Ofc: 626-280-5552	Well & Booster Maintenance	Well & Booster Preventative Maintenance	Current	$400,000.00
	General Pump Company has over 45 Annual Maintenance Contracts in Southern California, more than all our competitors combined.			

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WELL & PUMP SERVICE SINCE 1952 Lic. #496765

Serving Southern California and Central Coast

Project References
2021-22

Client References	Project	Work Description	Period	Project Cost
City of Colton 160 South 10th Street Colton, CA 92324 Contact: Mike Cory Ofc: 909-370-6101	Well 31	Well Rehabilitation	Jan - April 2020	$126,324
City of Ontario 1425 South Bon View Ontario, CA 91762 Contact: Chris Bonadurer Ofc: 909-395-2696	Well 43	Well Rehabilitation	Nov 2019- April 2020	$119,560
Phelan Pinon Hills 4176 Warbler Road Phelan, CA 92371 Contact: Sean Wright Ofc: 760-868-1212	Well 8	Well & Pump Repair	Jan – July 2020	$170,572.23
CDA 3955 Bellegrave Ave Ontario, CA 91761 Contact: Tom O'Neill	Chino II-Well 2	Well & Pump Repair	April-Sept 2020	$190,276.42
City of Ontario 14205 Meridian Pkwy Riverside, CA 92518 Contact: Chris Bonadurer Ofc: 951-571-7290	Well 38	Well Redevelopment and Repairs	Jan-March 2020	$188,234.05
Western Municipal WD 909 East Vermont Ave Anaheim, CA 92805 Contact: Mark Adams Ofc: 714-765-4311	Arlington Desalter Well 3	Well Rehab	Oct. 2020- March 2021	$233,950
City of South Gate 8650 California Ave South Gate, CA 90280 Contact: Ana Ananda Ofc: 323-563-9500	Well 19	Well Rehabilitation	Jan. 2020- Apr.2021	$123,619
	Additional References Available Upon Request			

GENERAL PUMP COMPANY

KEY PERSONNEL

MICHAEL G. BODART, PRESIDENT / DIRECTOR OF ENGINEERING

Academic Background

University of Missouri - Bachelor of Science in Civil Engineering
Post Graduate C.E. Courses in Geohydrology, University of Southern California

Certifications

1999-Byron Jackson Training Certificate
1998-Grade 1 & 2 Distribution and Treatment Certificates
1998-Engineering "A" License
1995-Dale Carnegie Course
1995-Mackay Pump Rehabilitation Certificate
1992-Golden State Pump Technical Training Certificate
1990-Completed Graduate C.E. Courses in Geohydrology at U.S.C.
1986-Layne & Bowler Pump School Certification
1986-Baroid 1-week Drilling Fluid Technology Course Certification
1985-National Water Works Correspondence Course Certification

Professional Experience

General Pump Company, Inc. - President / Director of Engineering - 1993-Present
Layne Western - Regional Engineering and Sales Manager (4 offices)
Federal Highway Administration - Civil Engineer

Professional Presentations

Michael G. Bodart (Mike Bodart) is recognized as an expert in the field of pump engineering and well rehabilitation in southern California. He has been invited to speak for numerous professional water-related associations and conventions. Has been speaking professionally for more than 34 years and has presented in nationally known associations such as AWWA, Tri-State, Southern California Water Utility Association, Inland Water Works Association, Groundwater Resources Association and Central Coast Water Association. In 1992, Mike was part of a selected six-person panel of engineers who met in Kansas City to assist in training nationwide engineers in the water well pump business.

PETER H. BROOKS, MANAGING PARTNER

Professional Experience

Peter Brooks is a water industry executive with 16+ years of management experience across the industry, where he has worked on disaster response and treatment plant operations as the leader of waterTalent; advanced water treatment and wastewater reuse at Xylem, Inc.; and in-conduit hydropower at NLine Energy. He is a former US Marine infantry officer, two-time Iraq War veteran, Fulbright Scholar, and an award-winning water policy instructor at Harvard where he also received an AB (High Honors) and MBA-MPP. Peter is a frequent speaker at water industry events and his writing and work have appeared in the Los Angeles Times, National Public Radio, and several water and wastewater industry publications including AWWA OpFlow, WEF Water & Environment Technology, and Water Online. He has given water industry presentations at Imagine H2O, Water Environment Federation WEFTEC, Association of Boards of Certification, American Water Works ACE, California Municipal Utilities Association, AWWA CA-NV, the Water Technology Summit, among others.

Academic Background

Harvard University: Bachelor of Arts; Dual Master of Business Administration and Master Public Policy.

GENERAL PUMP COMPANY

THOMAS A. NANCHY, SR. PROJECT MANAGER / PROJECT ENGINEER

2004-Byron Jackson Training Certificate
1989-Dale Carnegie Course
1992-Golden State Pump Technical Training Certificate
1986-Layne & Bowler Pump School Certification
1994-Baroid 1-week Drilling Fluid Technology Course Certification
1998-National Water Works Correspondence Course Certification
1994-Goulds Pump Course
2020-BNSF Safety Course

Professional Experience

Tom Nanchy, Sr. Project Manager, has been in the well and pump industry for over Forty (40) years. Throughout his professional career, he has been involved with hundreds of well rehabilitations and is highly regarded in the industry. His wide range of experience allows him to solve many difficult well and pump issues and provide options. He has also spoken at many professional organizations throughout California with regards to well maintenance and well rehabilitations. Tom is AWWA certified pump installer and a certified pump installer for Large Water Systems (NGWA). He is factory trained and certified by Byron Jackson and Cla-Valve. Tom also holds a certificate with the Mine Safety and Health Administration (MSHA).

WALTER "RAY" REECE JR. BSBM-BSBA, GENERAL MANAGER

Professional Experience

Combined over 40 years of experience managing businesses providing well rehabilitation, maintenance, well drilling, coring, pump manufacturing, and investigative drilling in the environmental, mining, energy and water resource industries. Earned two Bachelor of Science degrees in Business Administration and Management including a Finance focus. Identified, developed and negotiated contracts with private, public and governmental agencies to safely and successfully provide well rehabilitation technologies, pump and motor maintenance, drilling and construction services for a variety of applications. Ray has devoted time to technological transfers of information by conducting industry related seminars and guest lecturing at High Schools, Colleges, Universities, SME, AWWA, and the California Nevada American Water Works Association (Cal-NV AWWA).

FERNANDO MUNOZ. OPERATIONS MANAGER

Professional Experience

Over 40 years' experience of quality control to ensure pumps are ready for installation, scheduling and management of shop and field production crews, and day-to-day management of those Company areas.

Certifications

Grade 2 - Distribution Certificate
Grade 2 - Water Treatment Operator

GENERAL PUMP COMPANY

LUIS A. BUSSO, P.G., SR. PROJECT GEOLOGIST

Professional Experience

Professional groundwater work for the past 14 years encompassing field monitoring and technical report writing for siting, geologic log analysis, design, construction, pump testing, water quality sampling, and rehabilitation of municipal-supply and irrigation-supply water wells. Combining geological and industry knowledge toward well project developments on behalf of water districts, cities, farmers, and other private owners within Central and Southern California. He currently works alongside Ray Reece, at General Pump Company's Camarillo facility to design and implement pump and well solutions for the clients in the greater Santa Barbara and Ventura Counties.

Academic Background

University of California Santa Barbara – Bachelor of Science in Geologic Studies

MICHAEL R. GARCIA, PROJECT ENGINEER

Professional Background

Work alongside Project Manager to ensure progression and completion of pump projects. Review project specifications and prepare documents for engineered projects including as-built drawings and field crew instructions. Assist in project coordination and communication between field crews, vendors, and customers.

Academic Background

Loyola Marymount University, Los Angeles-Master of Science in Mechanical Engr.
University of Redlands, Redlands - Bachelor of Science in Physics

DANIEL J. PICHARDO, PROJECT ENGINEER

Professional Background

Coordinate with project managers, operations manager, and senior applications engineer for materials procurement for all existing projects. Communicate with vendors and customers for timely delivery. Maintain safety manuals for continued safety compliance.

Academic Background

Seattle University - Bachelor of Science, Civil Engineering, Mathematics Minor

MARK HAAS, PROJECT MANAGER

Professional Background

Professional background includes 18 years' experience within the well and pump industry. His experience includes Field Service Technician, AirBurst® Operations to include R & D for Frazier Industries and Bolt, Technologies for air gun operations and functionality and Certified Crane Operator.

J. ALFREDO ("FREDDY") RAMIREZ, PROJECT MANAGER

Professional Background

Professional background includes 23 years' experience within the well and pump industry. Experience includes designing complete pump assemblies, performing well rehabs, well destructions as well as welding. His wide range of experience allows him to have knowledge in multiple fields in the industry.

PAUL RINEHART, PROJECT MANAGER

Professional Background

Professional background includes 30 years of experience in the well and pump industry. Experience includes working in the shop, field, and office, performing pump removals, installations, inspections, conducting pump repairs, material acquisition as well as designing well and booster pumps. Coordinating with customers, vendors, operations manager, and field crews to ensure project completion in a timely manner.

TEAM ORGANIZATION

Step 1: Calls for service are taken by one of our engineers. This step is important and based on the issue may require further field inspections, testing, evaluation of data (City and GPC), and a meeting with one of our experienced engineers.

Based on our evaluation, we will submit options for the City to consider. Each option requires a discussion of ***Risk, Benefit, and Cost.*** As more information and test data becomes available, the course of action may change. Each change requires GPC's engineers to reevaluate and discuss options.

President/Director of Engineering (35 plus years' experience): General oversight of all GPC projects and project management team, and engineering.

Project Managers / Engineers (30-40 years' experience) (Outside): Meet with customers, prepare solutions and options, and evaluate system problems along with pump and well problems.

Project Managers / Engineers (10-25 years of experience) (Inside): Answer customer's technical questions, perform engineering, support outside project managers / engineers, and work closely with our field foremen, job plans and schedules.

Operation Manager (40 years of experience): General oversight of field and shop operations; includes quality control, technical assistance, and equipment allocations for projects.

Senior Pump Engineer (40 years of experience): Performs detailed engineering evaluations, pump inspections, and submits recommendations to project managers / engineers.

Professional Geologist (14 years of experience): Reviews well rehabilitation processes, down hole testing, and submits recommendations.

Field Technicians, Foremen, Electricians, Certified Welders, Certified Crane Operators, and 40-hour HAZMAT certified (10-30 years experience): Play an important role in the job planning, inspections, quality control, and solutions to the issues being discussed.

General Pump Company acquires only professional and experienced personnel to service our customers.

GENERAL PUMP COMPANY

QUALITY

THE "GENERAL PUMP" WAY

- [ ] Two (2) Pump Engineering Centers to better serve the Southern California region San Dimas and Camarillo – General Pump does not drill wells, therefore 100% of our 68 years of expertise has been dedicated to well and pump rehabilitation.

- [ ] More Annual Maintenance Contracts (with renewal option) than all of our competitors combined for the Southern California region.

- [ ] Key Management Personnel as well as Qualified Technical and Support Personnel.

- [ ] Maintains a full-service machine shop, clean and safe rigs and cranes which provides for reliability, quality workmanship and safety. Also utilizes specialized equipment for chemical treatments.

- [ ] Water Flush Pumps - Various cities and water districts operate this special type of pump. General Pump engineered the pump and uses proprietary parts, which are manufactured in our San Dimas Facility.

- [ ] Certified to sell and service Byron Jackson pumps and motors in Southern California.

- [ ] Competitive prices per our Published Rate Schedule. Discounted rates for all annual contracts. Engineering services are ***included*** in our rates. All repairs include a one-year warranty for ***workmanship, material, and Engineering.***

- [ ] Performs more than 98% of all AirBurst® procedures in Southern California. AirBurst® has successfully cleaned the Cities' wells without damaging the well screens.

- [ ] Utilizes a unique Well Profiling process to help solve well problems from sanding, lost production, and water quality issues. Our goal is to evaluate issues ***prior*** to pulling pump equipment.

- [ ] Responsible for giving out thousands of Continuing Education Units (CEUs) through our seminars.

- [ ] Best safety record in the industry.

GENERAL PUMP COMPANY

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PHONE: (909) 599-9606 * FAX: (909) 599-6238

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www.genpump.com

WELL & PUMP SERVICE SINCE 1952
Serving Southern California and Central Coast

Lic. #496765

Quality Control and Assurance Program Description

Step 1 Request historical data for pump and well (when applicable).

Step 2 Review GPC file data for engineering details.

Step 3 Request supplemental data as needed.

Step 4 Prepare report and recommendations.

Step 5 Meet with City to discuss issues.

Step 6 Submit job plan.

Step 7 Review job plan with City.

Step 8 Removal of the pump; perform engineering inspection.

Step 9 Invite City to inspect disassembled equipment and discuss the findings along with recommendations.

Step 10 Inspect new equipment (parts) for quality control.

Step 11 Assemble components and inspect for quality control.

Step 12 Final quality control is performed by our Field crew during installation. They are 100% empowered to stop a project if even a minor quality control issue is found.

Step 13 GPC engineers review final testing to make sure equipment meets AWWA standards.

OSHA's Form 300A (Rev. 01/2004)

Summary of Work-Related Injuries and Illnesses

Year 2019

U.S. Department of Labor
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

All establishments covered by Part 1904 must complete this Summary page, even if no injuries or illnesses occurred during the year. Remember to review the Log to verify that the entries are complete

Using the Log, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries from every page of the log. If you had no cases write "0."

Employees former employees, and their representatives have the right to review the OSHA Form 300 in its entirety. They also have limited access to the OSHA Form 301 or its equivalent. See 29 CFR 1904.35, in OSHA's Recordkeeping rule, for further details on the access provisions for these forms.

Number of Cases

Total number of deaths	Total number of cases with days away from work	Total number of cases with job transfer or restriction	Total number of other recordable cases
0	0	0	0
(G)	(H)	(I)	(J)

Number of Days

Total number of days away from work	Total number of days of job transfer or restriction
0	0
(K)	(L)

Injury and Illness Types

Total number of…
(M)

(1) Injury	0	(4) Poisoning	0
(2) Skin Disorder	0	(5) Hearing Loss	0
(3) Respiratory Condition	0	(6) All Other Illnesses	0

Post this Summary page from February 1 to April 30 of the year following the year covered by the form

Public reporting burden for this collection of information is estimated to average 58 minutes per response, including time to review the instruction, search and gather the data needed, and complete and review the collection of information. Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number. If you have any comments about these estimates or any aspects of this data collection, contact: US Department of Labor, OSHA Office of Statistics, Room N-3644, 200 Constitution Ave, NW, Washington, DC 20210. Do not send the completed forms to this office.

Establishment information

Your establishment name: GENERAL PUMP COMPANY, INC.

Street: 159 N ACACIA ST

City: SAN DIMAS State: CA Zip: 91773

Industry description (e.g., Manufacture of motor truck trailers)
WATER WELL SERVICE AND MAINTENANCE

Standard Industrial Classification (SIC), if known (e.g., SIC 3715)
1 7 8 1

OR North American Industrial Classification (NAICS), if known (e.g., 336212)
___ ___ ___ ___ ___ ___

Employment information

Annual average number of employees: 49

Total hours worked by all employees last year: 119,605

Sign here

Knowingly falsifying this document may result in a fine.

I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete.

GINGER R CAMPBELL
Company executive

CONTROLLER
Title

909-599-9606, EXT 100
Phone

1/31/2020
Date

OSHA's Form 300A (Rev. 01/2004)
Summary of Work-Related Injuries and Illnesses

Year 2020

U.S. Department of Labor
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

All establishments covered by Part 1904 must complete this Summary page, even if no injuries or illnesses occurred during the year. Remember to review the Log to verify that the entries are complete

Using the Log, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries from every page of the log. If you had no cases write "0."

Employees former employees, and their representatives have the right to review the OSHA Form 300 in its entirety. They also have limited access to the OSHA Form 301 or its equivalent. See 29 CFR 1904.35, in OSHA's Recordkeeping rule, for further details on the access provisions for these forms.

Number of Cases

Total number of deaths	Total number of cases with days away from work	Total number of cases with job transfer or restriction	Total number of other recordable cases
0	1	1	0
(G)	(H)	(I)	(J)

Number of Days

Total number of days away from work	Total number of days of job transfer or restriction
8	124
(K)	(L)

Injury and Illness Types

Total number of…
(M)

(1) Injury	2	(4) Poisoning	0
(2) Skin Disorder	0	(5) Hearing Loss	0
(3) Respiratory Condition	0	(6) All Other Illnesses	0

Post this Summary page from February 1 to April 30 of the year following the year covered by the form

Public reporting burden for this collection of information is estimated to average 58 minutes per response, including time to review the instruction, search and gather the data needed, and complete and review the collection of information. Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number. If you have any comments about these estimates or any aspects of this data collection, contact: US Department of Labor, OSHA Office of Statistics, Room N-3644, 200 Constitution Ave, NW, Washington, DC 20210. Do not send the completed forms to this office.

Establishment information

Your establishment name GENERAL PUMP COMPANY, INC.

Street 159 N ACACIA ST

City SAN DIMAS State CA Zip 91773

Industry description (e.g., Manufacture of motor truck trailers)
WATER WELL SERVICE AND MAINTENANCE

Standard Industrial Classification (SIC), if known (e.g., SIC 3715)
1 7 8 1

OR North American Industrial Classification (NAICS), if known (e.g., 336212)

Employment information

Annual average number of employees 51

Total hours worked by all employees last year 119,527

Sign here

Knowingly falsifying this document may result in a fine.

I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete.

ALLISON SANTA CRUZ
Company executive

ADMINISTRATOR
Title

909-599-9606
Phone

2/1/2021
Date

OSHA's Form 300A (Rev. 01/2004)

Summary of Work-Related Injuries and Illnesses

Year 2021

U.S. Department of Labor
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

All establishments covered by Part 1904 must complete this Summary page, even if no injuries or illnesses occurred during the year. Remember to review the Log to verify that the entries are complete

Using the Log, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries from every page of the log. If you had no cases write "0."

Employees former employees, and their representatives have the right to review the OSHA Form 300 in its entirety. They also have limited access to the OSHA Form 301 or its equivalent. See 29 CFR 1904.35, in OSHA's Recordkeeping rule, for further details on the access provisions for these forms.

Number of Cases

Total number of deaths	Total number of cases with days away from work	Total number of cases with job transfer or restriction	Total number of other recordable cases
0	2	0	1
(G)	(H)	(I)	(J)

Number of Days

Total number of days away from work	Total number of days of job transfer or restriction
9	53
(K)	(L)

Injury and Illness Types

Total number of…
(M)

(1) Injury	2	(4) Poisoning	0
(2) Skin Disorder	0	(5) Hearing Loss	0
(3) Respiratory Condition	1	(6) All Other Illnesses	0

Post this Summary page from February 1 to April 30 of the year following the year covered by the form

Public reporting burden for this collection of information is estimated to average 58 minutes per response, including time to review the instruction, search and gather the data needed, and complete and review the collection of information. Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number. If you have any comments about these estimates or any aspects of this data collection, contact: US Department of Labor, OSHA Office of Statistics, Room N-3644, 200 Constitution Ave, NW, Washington, DC 20210. Do not send the completed forms to this office.

Establishment information

Your establishment name GENERAL PUMP COMPANY, INC.

Street 159 N ACACIA ST

City SAN DIMAS State CA Zip 91773

Industry description (e.g., Manufacture of motor truck trailers)
WATER WELL SERVICE AND MAINTENANCE

Standard Industrial Classification (SIC), if known (e.g., SIC 3715)
1 7 8 1

OR North American Industrial Classification (NAICS), if known (e.g., 336212)
2 3 7 1 1 0 Water well pump and well piping system installation

Employment information

Annual average number of employees 52

Total hours worked by all employees last year 117663

Sign here

Knowingly falsifying this document may result in a fine.

I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete.

GINGER R CAMPBELL — Company executive

CONTROLLER — Title

909-599-9606, EXT 100 — Phone

1/19/2022 — Date

ADDITIONAL INFORMATION

GENERAL
PUMP
COMPANY

STATE OF CALIFORNIA
dca
DEPARTMENT OF CONSUMER AFFAIRS

CONTRACTORS
STATE LICENSE BOARD
ACTIVE LICENSE

License Number **496765** Entity CORP

Business Name GENERAL PUMP COMPANY INC

Classification(s) C57 C61/D21 A

CSLB

Expiration Date 08/31/2024 www.cslb.ca.gov

GENERAL PUMP COMPANY

OTHER KEY FACTS ABOUT GENERAL PUMP COMPANY

Although General Pump Company has the largest list of City Contracts, we also have close relationships with many Cities, Water Districts, and private water companies.

Seminars – General Pump Company is responsible for giving out thousands of Continuing Education Units (CEUs). General Pump Company sponsors many of these classes and is also invited speakers for many water associations. Teaching our customers how to protect their greatest capital assets (water systems) is part of our programs to help Southern California Cities become more cost effective in their water operations.

Byron Jackson (Flowserve Corp) – Byron Jackson submersible pumps have a unique design that requires a high degree of understanding. General Pump Company is one of two companies that are certified to sell and service BJ pumps and motors. This equipment must be purchased by a local dealer. BJ pumps are manufactured by Flowserve Corporation. There are no equals to the construction of these heavy duty pumps and motors. BJ pumps have been used for City water systems in the U.S. for over 100 years. General Pump has been working with these pumps for over 60 years in Southern California. The City of South Pasadena utilizes Byron Jackson pumps.

Safety - Safety is paramount when men and equipment are involved. A good safety record is important along with adequate insurance and bonding. General Pump Company, Inc. has the best safety record in Southern California for the water well and pump rehabilitation business. Over the past seven years, General Pump Company, Inc. has had minimal loss of time for work related injuries.

Response Time - The location of a full service pump facility can play a large role in our ability to respond, but also can substantially decrease or increase the cost of a project due to the hours spent hauling equipment to and from your sites. In summary, a 20-mile further commute will typically add about 20% higher cost for all field work.

AirBurst® - AirBurst® Technology is recognized throughout the United States as being one of the most effective development tools that can be used for high capacity wells. When Frazier Industries looked to expand their process into Southern California, they decided to team up with General Pump Company. General Pump Company performs more than 98% of all AirBurst® procedures in Southern California. This process has successfully cleaned the Cities' wells for over ten (10) years.

Water Well Solutions

Water Well Solutions proudly represents "AirBurst® Technology" as an innovative water well rehabilitation technology. AirBurst® is a proven, comprehensive rehabilitation and development process for all types of water wells.

Water Well Solutions continues to be a leader in the well rehabilitation field. As an original AirBurst® licensee, we assisted in the initial development of the process, and continue to pursue innovative ways to enhance the technology. Our cutting edge approach has provided our clients with hundreds of successful applications (references available upon request).

Water Well Solutions is the authorized dealer for AirBurst® throughout the Midwest.

Water Well Solutions Illinois Division, LLC.
44W158 Keslinger Rd. Elburn, IL 60119
888-769-9009 • Fax 920-474-4771

Water Well Solutions Service Group, Inc.
N87 W36051 Mapleton St.
Oconomowoc, WI 53066
888-769-9009 • Fax 920-474-4771
www.WWSSG.com
E-mail: info@WWSSG.com

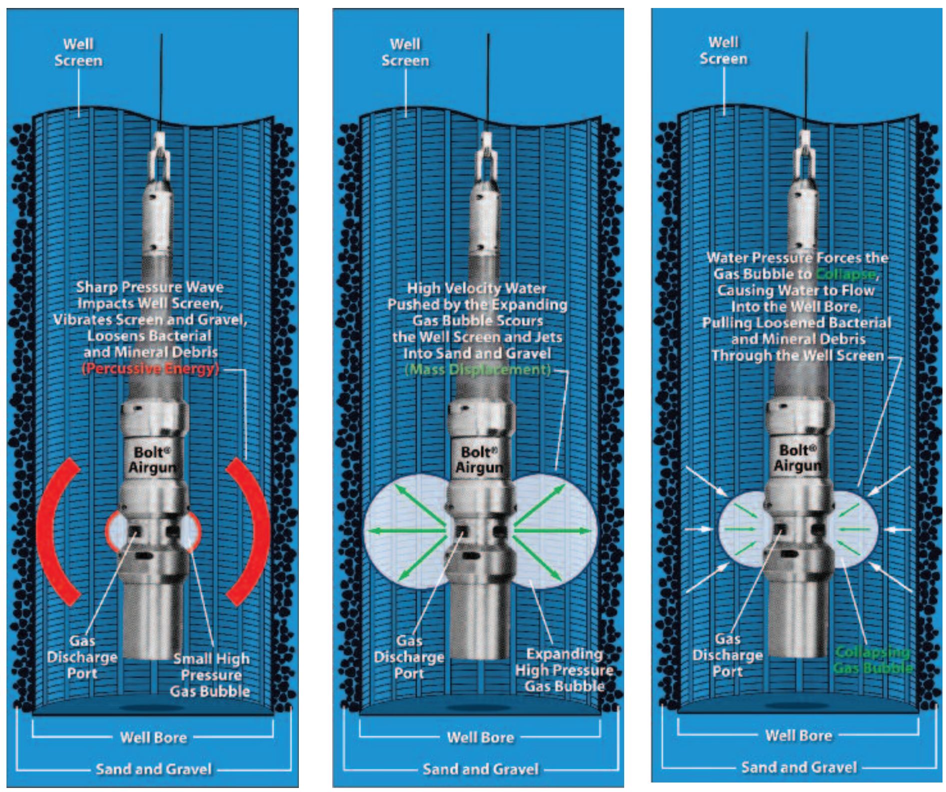
Water Well Solutions

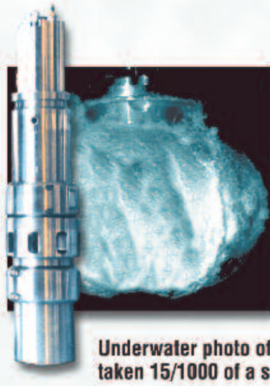
BI-PRODUCT – RESIDUALS – EXPLOSIVES **FREE**

AIRBURST® Technology

Your Exclusive and Only Licensed *AIRBURST*® Provider in Wisconsin and Northern Illinois!

The Powerful Rehabilitation and Development Process for all Water Well Types.





NO CHEMICALS
NO EXPLOSIVES

ENVIRONMENTALLY FRIENDLY

Underwater photo of Bolt Air Gun taken 15/1000 of a second after firing

Compressed air or **inert gas** are the sources of **AIRBURST® energy**, providing an effective and responsible **green** alternative to other methods.

MORE BANG FOR YOUR BUCK!

AIRBURST®

AirBurst is an All-American based technology and is a one of a kind patented process that uses high pressure air or inert gas to stimulate selected zones within the formation and generates high-energy pressure pulses in the well. This energy generates acoustic waves that break up and remove mineral scales, silts, sedimentation and bio-films from the bore hole wall or well screen. With the energy being released at 15/1000 of a second after firing, it generates an air bubble that expands and collapses inside the well. This provides a intense surging action that generates a mechanical cleaning of the well as the bubble expands and collapses. As the bubble collapse, it creates a negative pressure zone in the well that pulls in mineral and biological debris dislodged during the process for easy removal with a bailer.

AIRBURST® Advantages

A single AirBurst® air gun has numerous interchangeable firing chambers to assure you of a tailored fit in any well of any construction. We have 7 different air guns and 22 chambers available.

ONLY AirBurst® electronically and precisely controls the air gun energy discharge to allow dislodged debris to settle before the next burst occurs. Electronic firing puts the energy control in the hands of our technician. Only AirBurst® can deliver the exact number of bursts per foot at the desired pressure and at the exact location within the well.

AirBurst® gun ports are also designed to provide maximum energy release by maximizing port area and internal throat size to the ports. The energy range we have available is 2 grains of TNT to 910 grains (2 pounds). We have the right tools for the smallest and most fragile well to the big tools needed to develop rock wall wells. Precise pressure regulation allows the AirBurst® process to develop sustainable, controlled and exactly repeatable energy discharges to create a constant energy level to be maintained as the air gun is raised in the well and the hydrostatic pressure decreases. No guess work with AirBurst®.

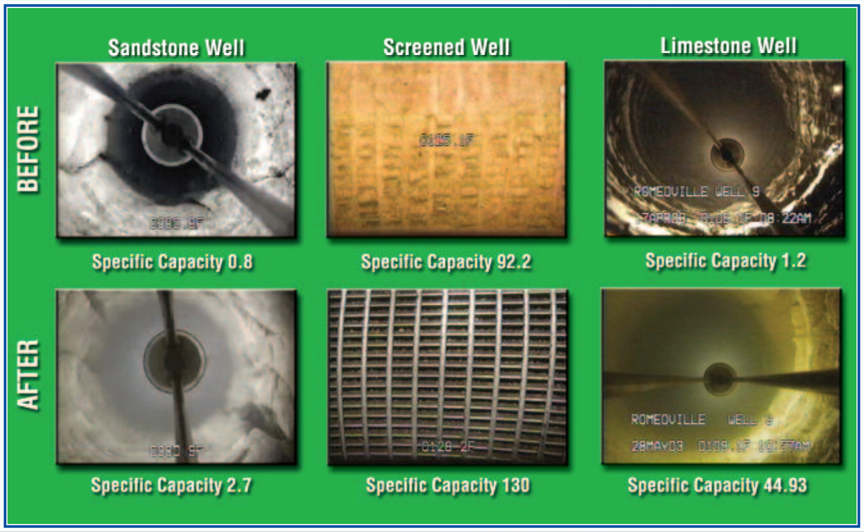
No One Compares to the Power of AirBurst®:

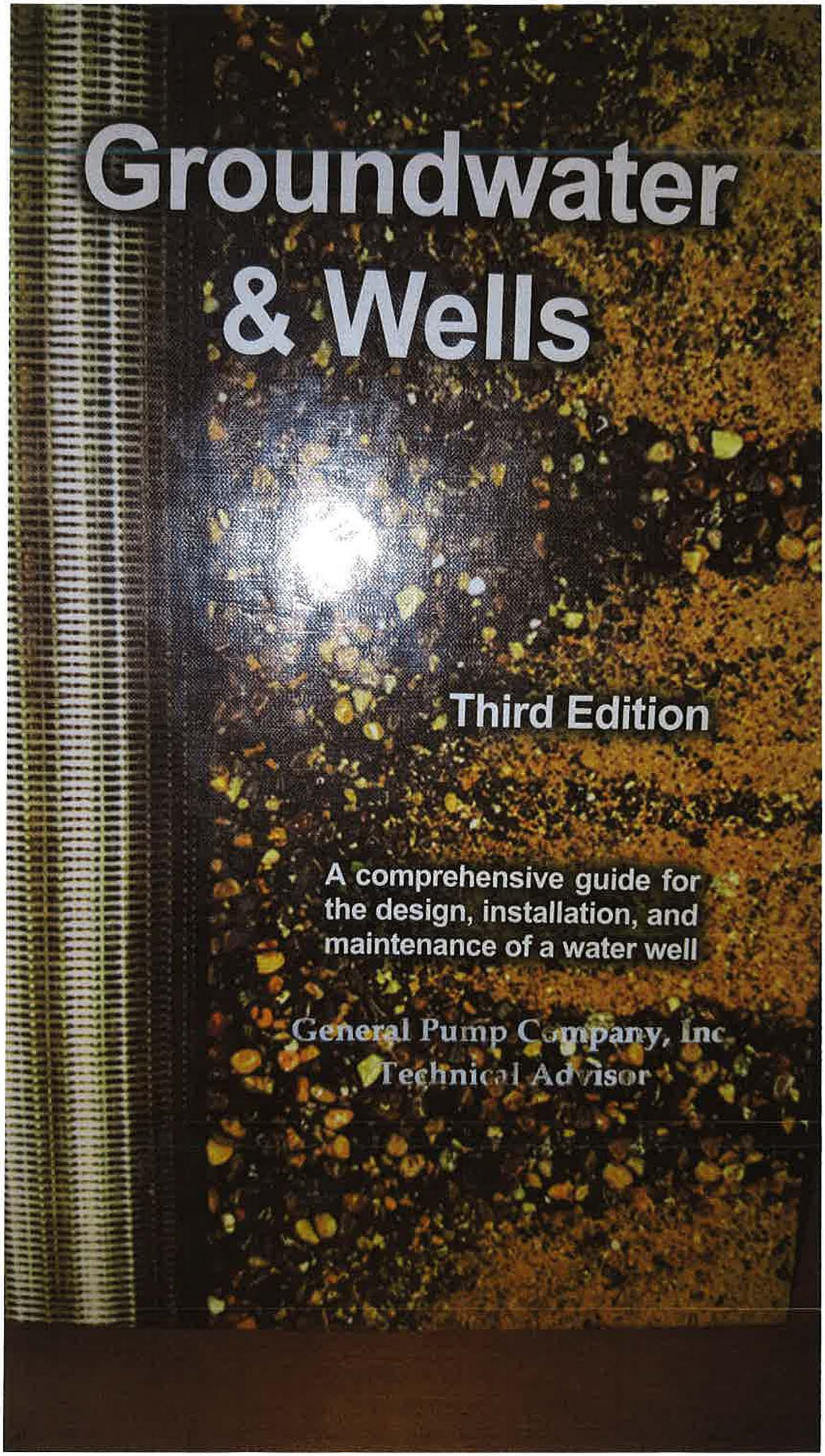
AirBurst® Model	5500LL	2800LL	1900LL&B	1500C
Chamber sizes (cu. in.)	1 – 40	20 – 120	20 – 200	500
Max Working Pressure (psi)	2,500	2,500	3,000	3,000
Pulse Frequency and Pressure	Operator Controlled	Operator Controlled	Operator Controlled	Operator Controlled
Max. Pulse Energy @ 3000psi.	27 grams TNT	68 grams TNT	109 grams TNT	273 grams TNT

Water Well Solutions Illinois Division, LLC.
44W158 Keslinger Rd. Elburn, IL 60119
888-769-9009 • Fax 920-474-4771

Water Well Solutions Service Group, Inc.
N87 W36051 Mapleton St., Oconomowoc, WI 53066
888-769-9009 • Fax 920-474-4771
www.WWSSG.com E-mail: info@WWSSG.com

Water Well Solutions




Groundwater
& Wells
Third Edition
A comprehensive guide for
the design, installation, and
maintenance of a water well
General Pump Company, Inc
Technical Advisor

Section 6 - (39)
August 2015

Supreme Court to hear groundwater dispute, page 12

WWJ
WATER WELL JOURNAL

Disinfecting Wells

It's important to understand this maintenance, **page 21**

Also:

Preventing crevice and galvanic corrosion, **page 28**

national ground water association

WWJ
WATER WELL JOURNAL

About the cover: A crew from General Pump Co. in Camarillo, California, installs a Johnson Screens Muni-Pak inner liner in a well for the Goleta Water District, which is just outside Santa Barbara. The screen is a stainless steel-prepack utilized to reline the well to continue service to the community during the drought plaguing the West. The well has returned to service and is exceeding expectations. Photo submitted by Edd T. Schofield of Bilfinger Water Technologies.

AUGUST 2015
VOL. 69, NO. 8

Featured ARTICLES

General Pump Company - Pump Engineering Facility

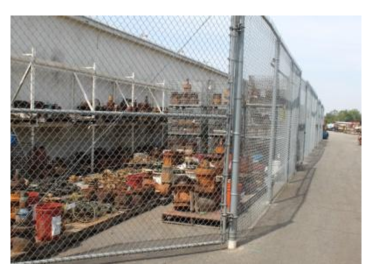
San Dimas Pump Engineering Center **Camarillo Pump Engineering Center**



Drill & Press **Vertical Turret Lathe Machine**

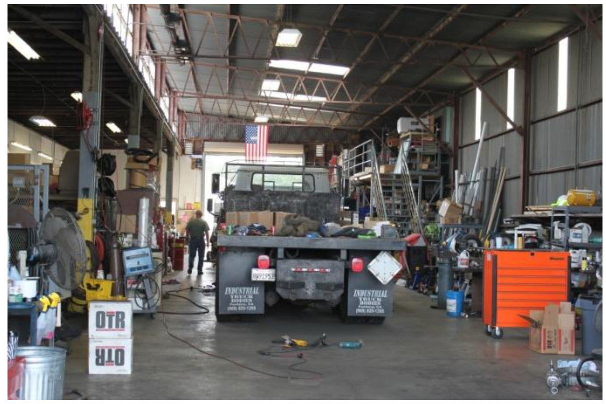

General Pump manufactures most of our parts, which reduces cost, saves time, and improves quality.



A 60-year collection of spare parts. If one pump is obsolete, there is a good chance we can find what we need or make it. Customer's equipment is temporarily stored for your inspection.

We repair your shafts with special pneumatic tools.



A staff of five maintains our rigs and equipment to make sure our equipment is safe and reliable.

AirBurst® Equipment - A "Patented Process"

GPC is the only Southern California Pump Service Company to own and operate a CNC machine. Why? Higher quality parts, faster, and at a lower cost.

Welding & Fabrication Shop

Our "primary" pipe fitter/welder is a certified welder with over 30 years experience.


Steam Cleaning


Sandblaster

375 Compressor


500HP Diesel Engine


Spare / Rental VFD Units Up to 600HP

30-Ton Crane

40-Ton Crane

Welding Truck

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CAMARILLO, CA 93010 * PHONE: (805) 482-1215
www.genpump.com

WELL & PUMP SERVICE SINCE 1952
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Lic. #496765

October 27, 2022 ***Via Email***

Crescenta Valley Water District (CVWD)
2700 Foothill Blvd.
La Crescenta, CA 91214
Attn: Brook Yared

Subject: CVWD Well No. 9 – Well Rehabilitation Estimate

General Pump Company (GPC) is pleased to provide this proposal to pull and inspect the submersible pump assembly at CVWD Well No. 9. Upon pulling the equipment, the pump will be returned to our shop for teardown and inspection. Our goal is to provide CVWD with a thorough review of the removed equipment and provide details if any is in reusable condition.

Once the pump assembly is removed and a video survey is completed then GPC engineers and geologist will provide an assessment and scope of advanced rehabilitation procedures which safely provides the well greater longevity and capacity for CVWD. This would not be done by any other pump company as they do not have the resources and only provide blanket template rehabilitations which they apply to all wells. GPC will tailor our rehabilitation recommendations to this specific well using the geological data, groundwater historical data set, construction details, and engineering aspects which make this well and pump assembly unique to CVWD.

Data reviewed from our archives show that this well has been rehabilitated and lined by GPC in the past in 2004 and 2010. So it has been 12 years since this well has been assessed and caution should be adheard to prior to putting tools downwell. We look forward to working with CVWD has we have done historically and providing an assessment of CVWD Well No. 9.

SCOPE OF WORK

Shop Labor

- Load/Unload equipment for pump pull
- Pressure wash pump and prepare for disassembly, handling
- Disassemble & Inspect column pipe, wiring, and motor
- Engineering inspection and report (included at no additional charge)
- Hydrogeologic Support (included at no additional charge)

7 Hrs. @ $102.6/Hr. $718.20

Field Labor

Pull Submersible Pump Assembly

- Set up rig, verify lock-out / tag-out electrical.

- Disconnect discharge head and associated piping connections; pull pump.
- Bring equipment to shop; Prep Well for Video Survey & Clean Site.

Three Man Crew & Rig – Est. 8 Hrs. @ $535.50/Hr. $4,284.00

Estimated Total Labor & Service $5,002.20

If you have any questions or required additional information regarding the above summary and associated costs, please do not hesitate to contact us.

Sincerely,

GENERAL PUMP COMPANY, INC.

Luis Busso

Luis Busso, P.G.
Sr. Project Geologist

GENERAL PUMP COMPANY

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Lic. #496765

October 27, 2022 ***Via Email***

Crescenta Valley Water District (CVWD)
2700 Foothill Blvd.
La Crescenta, CA 91214
Attn: Brook Yared

Subject: Cresta Heights Booster No. 26 – Pump & Motor Assembly Estimate

General Pump Company is pleased to provide our estimate to pull, inspect, and repair the booster pump assembly at Cresta Heights Booster No. 26. We have produced this proposal based on the limited knowledge obtained from an Edison efficiency test report which was provided by CVWD and the assumption that the discharge head and column pipe is in reusable condition.

If the information used for this estimate differs from what is revealed following the pull and inspection, the estimate may require adjustment. Following General Pump Company's inspection, if existing parts of the assembly could be reused then a reduction in cost could also be possible.

Scope of Work

Shop Labor

- Pressure wash pump and prepare for disassembly, handling
- Remove pump head from bowls, remove packing box, disassemble
- Primer and paint discharge head
- Clean, Inspect Threads, and Prep Column Pipe
- Machine packing housing for external mech seal set-up
- Unassemble/Reassemble pump bowls, prep for installation
- Receive and inspect new materials, quality assurance
- Plumb mechanical seal with box air relief valve
- Remove/Press New Bronze Bearings
- Retrofit SS basket strainer with vortex suppressor
- Fabricate, fit, mount and install 316 shaft guard screens.
- Engineering inspection and report (included)

25 Hrs. @ $102.60/Hr. $ 2,565.00

Field Labor

Booster Pump Pull

- Mobilize to site, verify lock-out / tag-out electrical.
- Pull booster pump equipment and motor.

- Load on support truck.
- Sound booster can bottom.

Three Man Crew & Crane – 8 Hrs. @ $535.50/Hr. $ 4,284.00

ReInstall Booster Pump Assembly

- Mobilize to site
- Install booster pump equipment and motor.
- Check rotation, take lift, conduct start up testing.

Three Man Crew & Crane – 10 Hrs. @ $535.50/Hr. $5,355.00
Overtime – Est.6 Man Hrs. @ $54/Man Hr. $ 324.00

Materials

- Repair Parts for Pump Assembly Designed for 441 GPM @ 170' TDH
- Materials for Mechanical Seal Repair
- Line Shaft Assembly Material
- Bronze Retainers
- New 30 HP, 3PH, 1800 RPM VHS Motor
- SS Basket strainer with vortex suppressor
- Miscellaneous consumables materials, gaskets, flanges, fittings, & restraints
- Estimated Freight

SubTotal Materials (Taxable) ***$14,445.00***

Estimated Local Tax (9.5%) ***$1,372.28***

Outside Service

- Mechanical Seal Assembly Refurbishment $1,500.00

Total Labor, Service & Materials for Booster No. 26 ***$29,845.28***

General Pump Company's Standard Terms and Conditions apply and all invoices are Net 30-Days from date of invoice. General Pump Company's Estimated charges will not be exceeded without prior written authorization from the Owner.

Should you have any questions or need additional information regarding the above summary and associated costs, please do not hesitate to contact us. Thank you.

Sincerely,

GENERAL PUMP COMPANY, INC.

Luis Busso

Luis Busso, P.G.
Sr. Project Geologist

GENERAL PUMP COMPANY

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www.genpump.com

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November 2, 2022 ***Via Email***

Crescenta Valley Water District (CVWD)
2700 Foothill Blvd.
La Crescenta, CA 91214
Attn: Brook Yared

Subject: CVWD Well No. 9 – Well Rehabilitation Estimate

General Pump Company (GPC) is pleased to provide this estimate to conduct well rehabilitation within CVWD Well No. 9. Upon pulling the equipment, the pump will be returned to our shop for teardown and inspection. Our goal is to provide CVWD with a thorough review of the removed equipment and provide details if any is in reusable condition.

Once the pump assembly is removed and a video survey is completed then GPC engineers and geologist will provide an assessment and scope of advanced rehabilitation procedures which safely provides the well greater longevity and capacity for CVWD. This would not be done by any other pump company as they do not have the resources and only provide blanket template rehabilitations which they apply to all wells. GPC will tailor our rehabilitation recommendations to this specific well using the geological data, groundwater historical data set, construction details, and engineering aspects which make this well and pump assembly unique to CVWD.

Data reviewed from our archives show that this well has been rehabilitated and lined by GPC in the past in 2004 and 2010. So it has been 12 years since this well has been assessed and caution should be adheard to prior to putting tools downwell. We look forward to working with CVWD has we have done historically and providing an assessment of CVWD Well No. 9.

SCOPE OF WORK

Shop Labor

- Load/Unload equipment for pump pull
- Pressure wash pump and prepare for disassembly, handling
- Disassemble & Inspect column pipe, wiring, and motor
- Refurbish, Primer & Paint existing discharge head
- Tighten Couplings, Clean and Inspect any new column pipe
- Prep airlift pipe and airline for usage
- Fabricate Wire Brush for Well Casing

- Fabricate Dual Swab Tool
- Prep chemistry, hoses, tanks, and safety equipment
- Engineering inspection and report (included at no additional charge)
- Hydrogeologic Support (included at no additional charge)

Estimated 75 Shop Hrs. @ $114/Hr.	$8,550.00

Field Labor: (Wire Brush/Bail/Chemical Treatment/Mech Dev/Install/Start Up/Testing):

- Mobilize to site; Wire Brush Well, Bail if necessary.
- Inject Chemistry into Perforations and allow contact time (Assumes 1 Day).
- Agitate Well or Allow Contact Time.
- Perform Mechanical Developement to bottom and Neutralize Discharge until water clear of material. Solids to remain onsite and neutralized water to be sent to CVWD designated waste line.
- Install Pump Assembly; Disinfect Equipment.
- Conduct Start Up and Perform Pump Testing.

Three Man Crew & Pump Rig – Est. 54 Hrs. @ $595/Hr.	**$32,130.00**
Two Man Crew & Rig – Est. 28 Hrs. @ $449/Hr.	**$12,572.00**
One Man Crew & Service Truck – Est. 24 Hrs. @ $185/Hr.	**$4,440.00**
Overtime – 90 Hrs. @ $60/Man Hr.	**$3,240.00**
Total Field Labor	**$52,382.00**

Materials and Rentals (Non-Taxable):

- Rental Air Compressor
- Bailer Rental (if necessary)
- Baffled Neutralization Tank (1.5k Gal Containment) and Associated Hoses
- Airlift Pipe and Airline PVC (300 ft length max)
- Rental of Chemical Trailer and Mixing Station

Total Materials and Rentals (Non-Taxable)	**$7,653.00**

Materials (Taxable):

- Well Renew® Blended Chemistry
- Inhibited Hydrochloric Acid
- Fuel for Compressor
- Sodium Bicarbonate
- Sodium Hypochlorite
- Misc Materials, Fittings, Hoses, and Chemicals

- Freight

Total Materials (Taxable)	**$14,859.00**
Estimated Taxes @ 9.5%	**$1,411.61**
Estimated Total Labor & Service Before Discount	**$84,855.61**
CVWD Estimated Savings from Maintenance Agreement Rates	***($6,093.20)***
Estimated Total Labor & Service with Discount	***$78,762.41***

General Pump Company's Standard Terms and Conditions apply and all invoices are Net 30-Days from date of invoice. General Pump Company's Estimated charges will not be exceeded without prior written authorization from the Owner.

Should you have any questions or need additional information regarding the above summary and associated costs, please do not hesitate to contact us. Thank you.

Sincerely,

GENERAL PUMP COMPANY, INC.

Luis Busso, P.G.
Sr. Project Geologist

GENERAL PUMP COMPANY

159 N. ACACIA STREET * SAN DIMAS, CA 91773
PHONE: (909) 599-9606 * FAX: (909) 599-6238

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www.genpump.com

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November 1, 2022 ***Via Email***

Crescenta Valley Water District (CVWD)
2700 Foothill Blvd.
La Crescenta, CA 91214
Attn: Brook Yared

General Pump Company is pleased to provide our quote to provide annual well and booster maintenance and pump testing services.

Shop Labor:
- Unload all accessory equipment and prepare for inspection
- Hydrogeologist review included at (***no additional charge)***

Est – 1 Hrs. @ $102.6/Hr. $102.60

Field Labor:

- Mobilize to site, verify lock-out / tag-out electrical.
- Conduct pump cleaning, oil changing, startup and testing services

One Man Crew & Service Truck – Est. 4 Hrs. @ $166.50/Hr. $666.00

Materials:
- 2 Gallons #32 Oil
- 6 Quarts #68 Oil / Grease

Materials Total	$408.00
Tax	$38.76
Estimated Total	***$1,215.36***

General Pump Company's Standard Terms and Conditions apply, and all invoices require pre-payment due to payment history. Estimated charges will not be exceeded without prior written authorization from the Owner. Should you have any questions or need additional information regarding the above summary and associated costs, please do not hesitate to contact us.

Sincerely,

GENERAL PUMP COMPANY, INC.

Luis Busso
Luis Busso, P.G.
Sr. Project Geologist

GENERAL PUMP COMPANY
934 W. VERDULERA STREET - CAMARILLO, CA 93010
PHONE: (805) 482-1215 - FAX: (805) 484-2135
WELL & PUMP SERVICE SINCE 1952
Lic. #496765
"Serving All Southern California and Central Coast!"

Attn:

Subject: Well

General Pump Company, Inc. (GPC) performed well service and maintenance for your Vertical Pump on November 17, 2020.

The motor and head were cleaned of any oil residue prior to any activities. Water levels observed from a stainless-steel airline recorded a static water level of 771 ft below ground surface (bgs) and pumping water level of 796 ft bgs while pumping at 950 gallons per minute (gpm). This calculates to a specific capacity of 38 gpm/ft of drawdown, which is approximately a 6% increase from 2019.

A sand test conducted while pumping at 950 gpm with a discharge pressure of 59 psi revealed a sand content of 0.28 ml (9.8 parts per million or ppm) after 15 minutes mostly composed of scale and minor gray sand. Thereafter, no additional sand was produced from the well. Also, no noises from the pump were observed during pump operations.

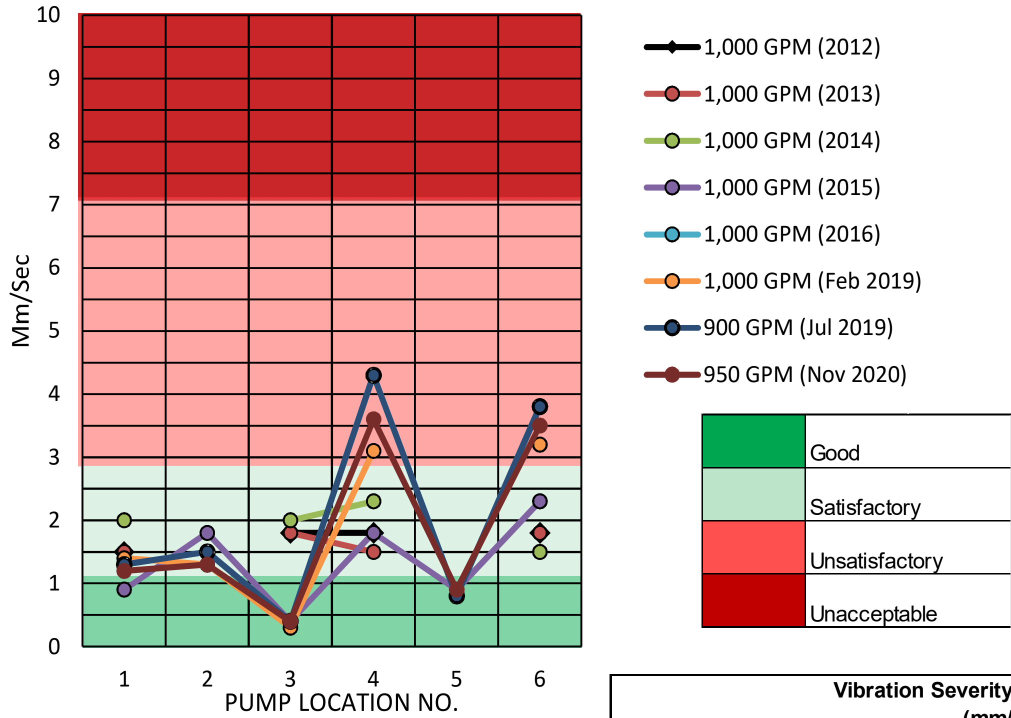
Vibration readings taken around the motor head top and base, and discharge showed the maximum vibration reading of 3.6 MM/Sec in vibration velocity at the top of the discharge piping. This reading is ranked within "unsatisfactory" vibration range for a unit this size.

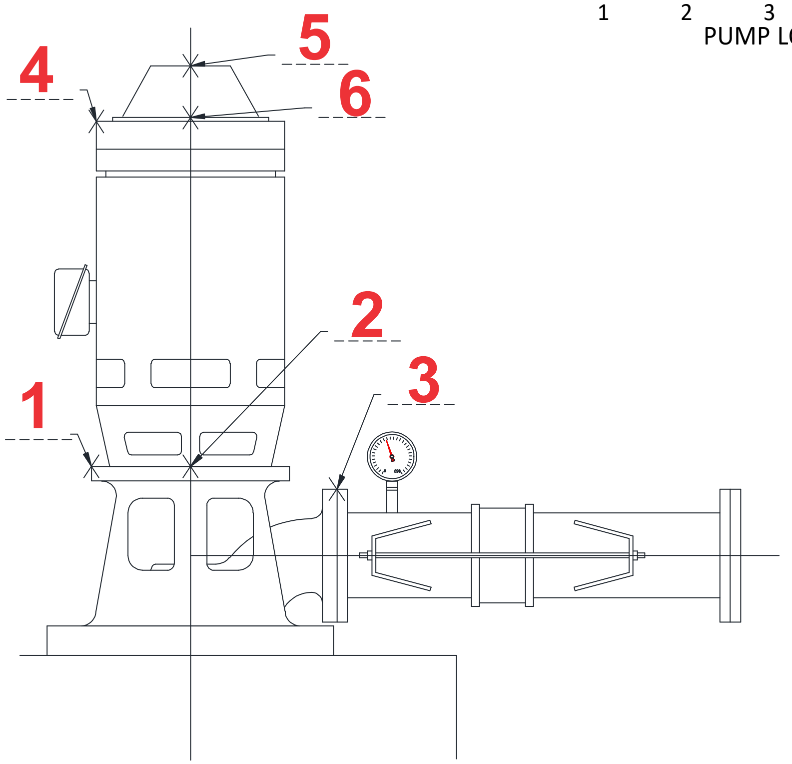
GPC has records of prior maintenance service performed on this pump from as early as November 2010. Since that time, the pump assembly has had similar vibration readings ranging from 0.3 to 4.3 MM/Sec. Also, historic sand test measurements have consistently been approximately 0 to 21.1 ppm after 10 minutes of pumping; with no sand produced thereafter. These sand content measurements are within normal observations for a well.

Action Items:
Pumping rates in this well have historically been from a recent low of 900 gpm recently to as high as 1,375 gpm in November 2010. This reduction in production could be due to the loss of a section of your annular gravel caused by a hole within the well screen discovered and patched by GPC in 2018. Longer term pump testing such as a step and constant rate test would be recommended to grasp the capacities within this well.

A current plot during operation of total discharge head versus pumping rate is provided with this report. The approximate plot does not include frictions losses from discharge piping and shows little to minor wear of your pump since its rebuild in 2018 by GPC.

The vibration readings from this service reflects unsatisfactory to satisfactory vibration levels. At this time, we do not recommend any adjustments but will continue to monitor the conditions during future maintenance.





Vibration Severity Per ISO 10816 (mm/s)

Date	Pumping Rate (gpm)	Location No. 1	2	3	4	5	6
5/11/2012	1000	1.5		1.8	1.8		1.8
6/17/2013	1000	1.5		1.8	1.5		1.8
8/1/2014	1000	2		2	2.3		1.5
12/15/2015	1000	0.9	1.8	0.4	1.8	0.9	2.3
7/21/2016	1000	1.5	1.5	1.5	2.3		3
2/27/2019	1000	1.4	1.3	0.3	3.1		3.2
7/30/2019	900	1.3	1.5	0.4	4.3	0.8	3.8
11/17/2020	950	1.2	1.3	0.4	3.6	0.9	3.5

159 North Acacia Street
San Dimas, Ca 91773
Phone (909) 599-9606
Fax: (909) 599-6238

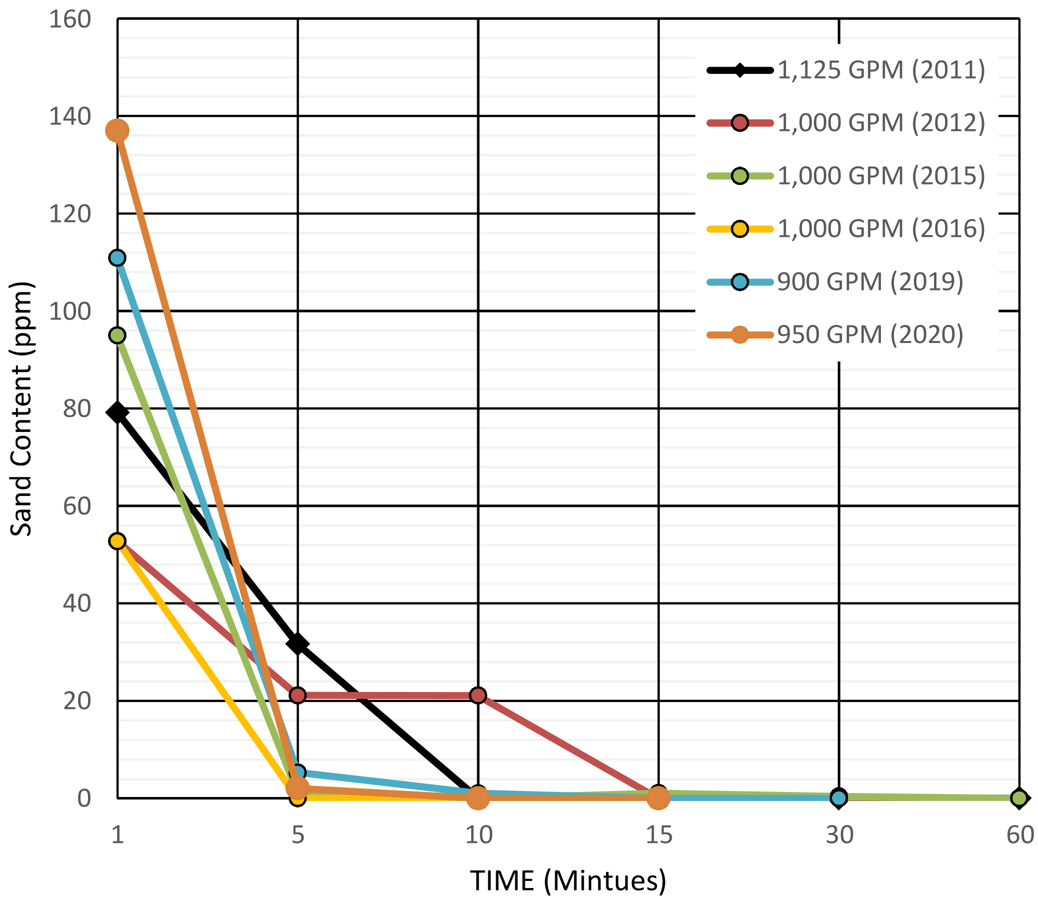
GENERAL PUMP COMPANY
WATERWELL & PUMP SERVICE SINCE 1952

CUSTOMER : M FARMS - WELL

DESCRIPTION: HISTORIC FIELD VIBRATION ANALYSIS RESULTS

MATERIAL: | GPC ENGINEERING | DWG NO. 81183VIB

BY: LUIS | DATE: 01-04-2021 | JOB NO: 81183



Sand Content (ppm)							
Date	Pumping Rate (gpm)	Minutes Since Start of Pump					
		1	5	10	15	30	60
5/16/2011	1125	79.2	31.7	0.0	0.0	0.0	*
5/11/2012	1000	52.8	21.1	21.1	*	*	*
12/15/2015	1000	95.0	1.1	0.0	1.1	0.4	*
7/26/2016	1000	52.8	0.0	0.0	0.0	0.0	*
7/30/2019	900	110.9	5.3	1.1	0.0	0.0	*
11/17/2020	950	137.0	2.1	0.0	0.0	*	*

* No Data or Rossum sand tester not observed.

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GENERAL PUMP COMPANY
WATERWELL & PUMP SERVICE SINCE 1952

CUSTOMER :	FARMS - WELL
DESCRIPTION:	HISTORIC SAND TEST RESULTS
MATERIAL:	GPC ENGINEERING
DWG NO.	81183ST
BY: LUIS	DATE: 01-04-2021
JOB NO:	81183

---- Data Point ----

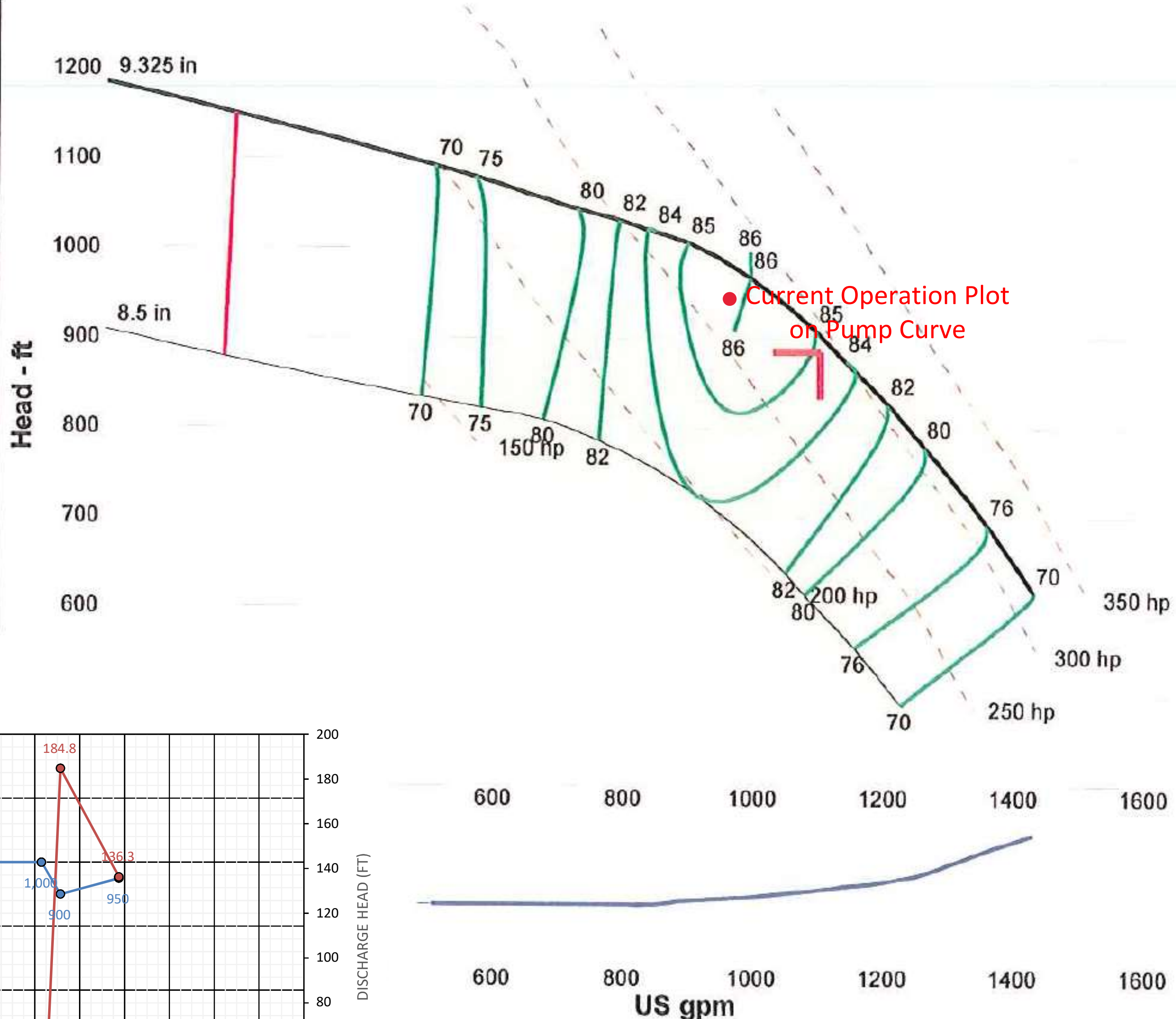
Flow:	1100 US gpm
Head:	903 ft
Eff:	84.8%
Power:	295 hp
NPSHr:	10.2 ft

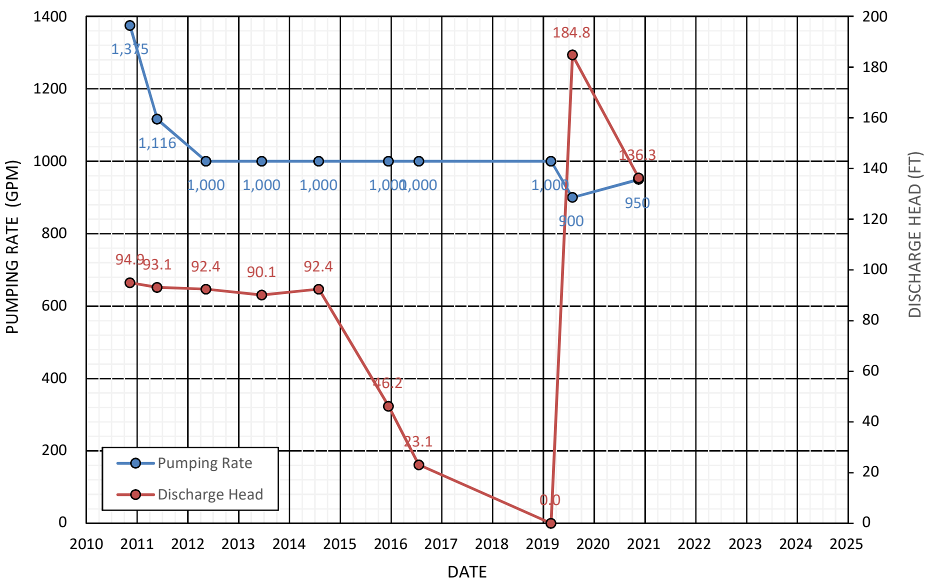
---- Design Curve ----

Shutoff head:	1184 ft
Shutoff dP:	512 psi
Min flow:	198 US gpm
BEP:	86% @ 991 US gpm
NOL power:	317 hp @ 1428 US gpm

-- Max Curve --

Max power:	317 hp @ 1428 US gpm





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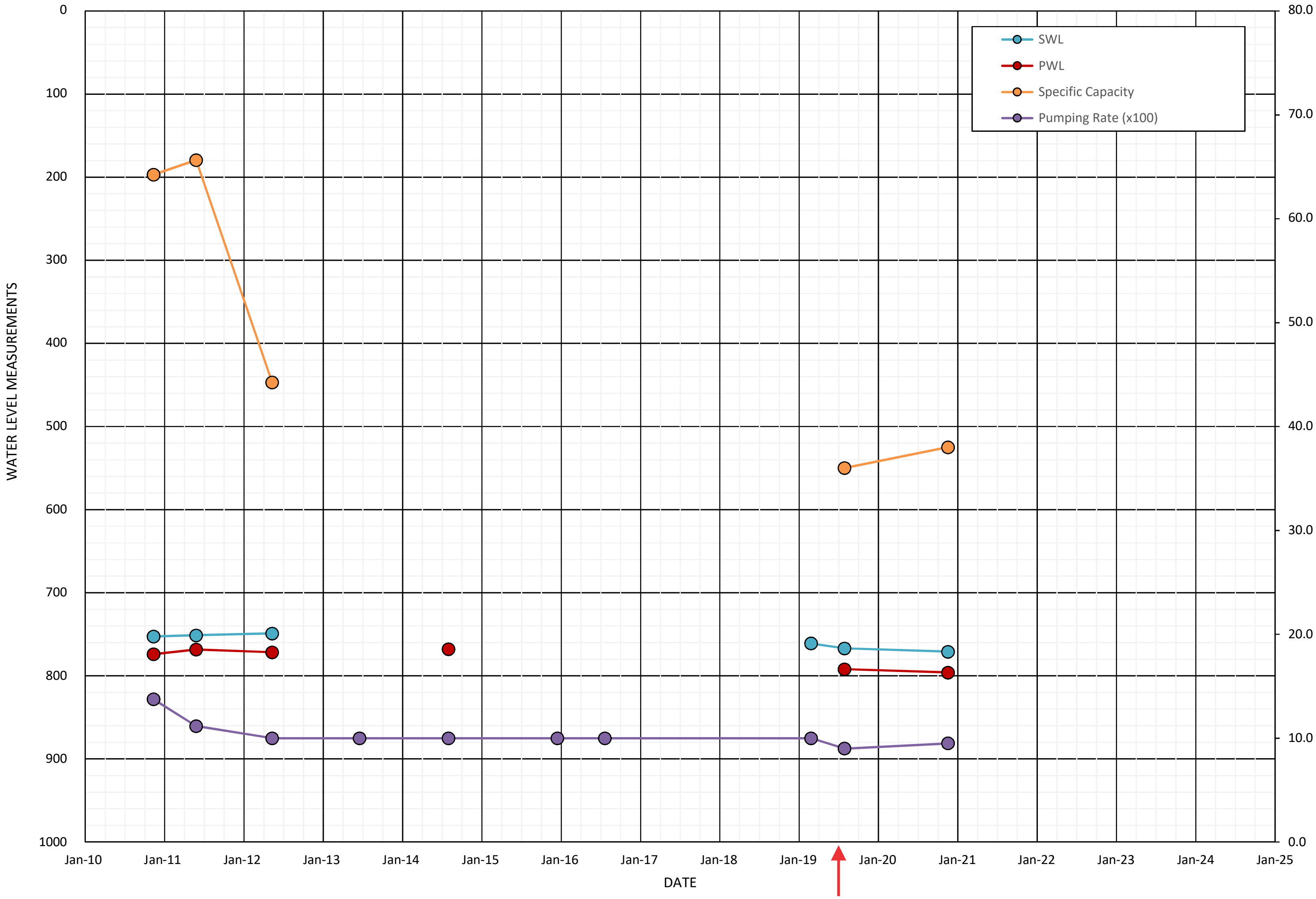
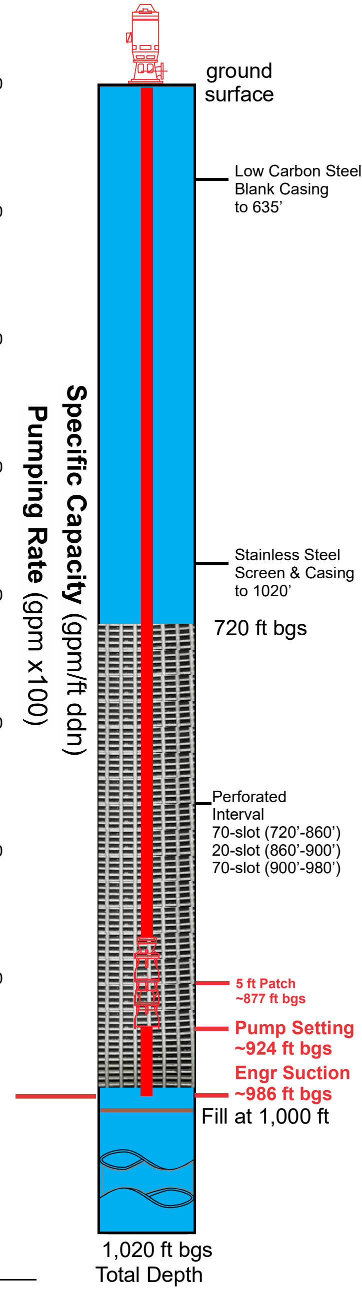
GENERAL PUMP COMPANY

WATERWELL & PUMP SERVICE SINCE 1952

CUSTOMER : FARMS - WELL			
DESCRIPTION: HISTORIC PRODUCTION AND DISCHARGE PRESSURE			
MATERIAL:	GPC ENGINEERING	DWG NO. 81183HYD	
BY: LUIS	DATE: 01-04-2020	JOB NO: 81183	





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GENERAL PUMP COMPANY

WATERWELL & PUMP SERVICE SINCE 1952

CUSTOMER : FARMS - WELL

DESCRIPTION:

AS-BUILT WELL DRAWING
&
HYDROGRAPH

MATERIAL: LCS/SS STEEL | GPC ENGINEERING | DWG NO. 81183

BY: LUIS | DATE: 01-04-2020 | JOB NO: 81183

BOWL ASSEMBLY

G.P.M. 1100 T.D.H. 880'

MODEL 12KC STGS. 13

MFGR. HYDROFLO

O/L or P/L O/L

MOTOR

H.P. 400 MFGR. U.S.

R.P.M. 1780 FRAME 447TPA

N.R.R or S.R.C. N.R.R.

PHASE/CYCLE/VOLTS 3/60/460

V.H.S. or V.S.S. V.H.S.

MOTOR INFO: BX = 1-15/16"
CD = 49-7/8"

CRESCENTA VALLEY WATER DISTRICT
BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 3
November 8, 2022

To: Honorable President and Members of the Board of Directors

From: James Lee – Director of Finance and Administration

Subject: **FY 2022-23 First Quarter Budget Report**

ACTION ITEM:

Review of Q1 budget report for FY 2022-23 and related considerations.

BACKGROUND:

The District has now passed the quarter point of the fiscal year. The following discussion is intended to provide additional context to the actual revenue and expenditure figures.

WATER FUND

Water sales have been down through the first three months of the year. An increase in conservation messaging coupled with MWD Upper Feeder shutdown and outdoor watering restrictions have averaged an almost 20% reduction in consumption water sales. The Upper Feeder shutdown from September will also apply downward pressure on October and November revenues, when those bills will be collected.

Staff has developed multiple revenue projection scenarios – e.g. sensitivity analyses – through the end of the year. Based on this, consumption is projected to end up at 12% less than budgeted. With only a quarter of the fiscal year complete, staff will continue monitoring and reporting on consumption revenue and making adjustments to projections accordingly.

A positive result of this year's conservation and Upper Feeder shutdown is the reduction in imported water purchases from FMWD. While a number of temporary and limited-term employees were recently added to assist with addressing a significant surge in emergency leaks and addressing deferred maintenance, the cost from additional staff have been offset by other employee on unpaid leave due to various circumstances.

The Water Fund had been budgeted to draw $2.0M from reserves. At this time, the Water und is expected to draw approximately $3.7M from reserves by year end, leaving a reserve balance of $4.3M.

The following are notable over/under variances for each department's budget:

- Dept 1 – Board
  - Director expenses are on track with budget
  - Note that the County will bill the District for election-related expenses

- Dept 2 – Operations
  - Maintenance Labor and Meter maintenance has increased with the addition of staff to catch up on deferred maintenance
  - The increase in Maintenance Labor OT and Auto Maintenance – Diesel is caused by an increase in water leaks and after hour callouts

- Dept 7 – Systems Operations
    - Telemetering & Signal system is higher based on service contracts for our new Allen Bradley SCADA Equipment, Radios and Antennas
    - Booster pumps maintenance and well site maintenance show an increase due to maintenance service contracts

- Dept 3 – Engineering
    - Most Engineering line items are tracking under budget and are projected to be $390K over budget, mainly attributed to D-job costs. D-Job Meters is high because of the increase in developer jobs. Those costs are billed to the contractor, and will be offset by revenue
- Dept 4 – Regulatory and Public Outreach
    - The Regulatory and Public Outreach budget is tracking well overall
    - Water conservation rebates expense is lower based on the District not matching FMWD rebates as had been planned for
    - Community outreach expense is higher based on greater emphasis on messaging related to the drought
    - Lab sampling expense is projected to track under budget. Although the unit cost of testing has increased based on closure of the District's preferred lab, lighter testing requirements will result in a decrease expense

- Dept 5 – Technology
    - The Technology budget is tracking well overall
    - Wireless voice and data expense is higher based on the need to standardize communication devices and access (cell phones for field use)
    - SCADA maintenance costs with older equipment have led to unforeseen SCADA costs

- Dept 6 – Administration
    - GL Property and Fidelity insurance costs have gone up due to inflation and the addition of a cyber security policy, both of which occurred after the budget was developed
    - Accounting expenses increased to cover the additional costs of recognizing all leases as assets as required by GASB and proposed by the District's auditors
    - Administrative Consultants increased due to direction to pursue a drought rate study started earlier this year

WASTEWATER FUND

The wastewater fund is tracking well with the budget, which was budgeted to draw $1.2M from reserves by year-end. Revenues are consistent with budgeted, and the wastewater fund is currently projected to draw $1.3M from reserves. Because wastewater revenues are substantially fixed based on prior winter water usage, this fund's revenues are currently insulated from the conservation impacts of the drought.

Wastewater treatment costs paid to the City of LA represent continue being the majority of costs for the wastewater fund and account for over 50% of the revenue.

The following are notable over/under variances for each department's budget:

- Dept 1 – Board
  - Director expenses are on track with budget

- Dept 2 – Operations
  - Most Operations line items are tracking with the budget and are projected to be $91K above budget mainly because of a projected increase from City of LA costs associated with treatment of wastewater collections
  - Maintenance Labor has increased with the addition of staff to catch up on deferred maintenance

- Dept 3 – Engineering
  - Most Engineering line items are tracking with the budget and are projected to be $22K under budget
  - Administrative consultants expense is projected to be above budget from the additional costs of the wastewater management plan

- Dept 4 – Regulatory and Public Affairs
  - Most Regulatory and Public Affairs line items are tracking with the budget and are projected to be $20K under budget

- Dept 5 – Technology
  - Most Technology line items are tracking with the budget and are projected to be 9K above budget

- Dept 6 – Administration
  - The Administration budget is tracking well overall and is projected to be $46K above budget
  - GL Property and Fidelity insurance costs have gone up do to inflation and the addition of a cyber security policy
  - Accounting expenses increased to cover the additional costs of recognizing all leases as assets as required by GASB

RECOMMENDATION

NA.

Prepared by:	Submitted by:
Arturo Montes	James Lee
Finance & Administration Manager	Director of Finance & Administration

Attachment(s):
1. Q1 Budget Report

SUMMARY

Crescenta Valley Water District
Water Budget Variance Report
Actuals as of September 30, 2022 (25% of Year)

	3 Month Actuals (25%)				Management Estimate		
Description	**Annual Budget**	**Actual**	**Remaining Annual Budget**	**% of Total Budget**	**Projected Year-End Expense**	**Projected Remaining Budget**	**% of Total Budget**
Revenue							
Water Sales - Fixed	$ 3,646,667	$ 886,567	$ 2,760,100	24%	$ 3,555,000	$ 91,667	97%
Water Sales - Metered	10,059,945	2,541,975	7,517,970	25%	8,850,000	1,209,945	88%
Interest Income Water	170,000	-	170,000	0%	60,000	110,000	35%
Other Income Water	165,600	12,238	153,362	7%	125,600	40,000	76%
Construction Revenue	247,500	29,011	218,489	12%	470,000	(222,500)	190%
Revenue	**$ 14,289,712**	**$ 3,469,791**	**$ 10,819,921**	**24%**	**$ 13,060,600**	**$ 1,229,112**	**91%**
Expenses							
Labor & Benefits	$ 3,360,831	$ 797,681	$ 2,563,150	24%	3,572,086	(211,255)	106%
Imported Water (Foothill)	3,102,748	616,907	2,485,841	20%	2,975,000	127,748	96%
Imported Water (Glendale)	82,047	19,369	62,678	24%	78,000	4,047	95%
Power Cost	850,630	95,681	754,949	11%	805,000	45,630	95%
Operating Cost	2,929,738	279,933	2,649,805	10%	3,391,412	(461,674)	116%
Expenses	**$ 10,325,994**	**$ 1,809,571**	**$ 8,516,423**	**18%**	**$ 10,821,498**	**$ (495,504)**	**105%**
Debt Service	**$ 579,781**	**$ 579,781**	**$ -**	**100%**	**$ 579,781**	**$ -**	**100%**
Infrastructure	$ 5,026,000	$ 283,956	$ 4,742,044	**6%**	$ 5,026,000	-	100%
***Bond Funded CIP	-		-	**0%**	-	-	
Capital Outlays & Equip	315,399	81,747	233,652	**26%**	315,399	-	100%
OPEB	-	-	-	**0%**	-	-	
Total CIP & OPEB	**5,341,399**	**365,703**	**4,975,696**	**7%**	**$ 5,341,399**	**$ -**	**100%**
Net Revenue minus Expenses	**(1,957,462)**	**714,736**			**(3,682,078)**		

Crescenta Valley Water District
Water Budget Variance Report
Actuals as of September 30, 2022 (25% of Year)

Description		Annual Budget	1st Quarter Actual	Remaining Annual Budget	% of Total Budget	Projected Year-End Revenue	Projected Excess/ (Defeceit)	% of Total Budget
		1st Quarter Actuals				Management Estimate		
Revenue								
4010-000	Water Sales - Consumers	$ 9,510,900	$ 2,388,000	$ 7,122,900	25%	$ 8,300,000	$ (1,210,900)	87%
4010-007	Irrigation	549,045	$ 153,975	395,070	28%	550,000	955	100%
4010-008	Water Sales- Service Charge	3,550,559	862,897	2,687,662	24.3%	3,460,000	(90,559)	97%
4010-009	Water Sales - Fire Service	96,108	23,670	72,438	25%	95,000	(1,108)	99%
4020-000	Water Sales - Others	75,000	1,558	73,442	2%	30,000	(45,000)	40%
4110-000	Meter Installation/Hydrant	50,000	-	50,000	0%	200,000	150,000	400%
4220-000	Water Systems Connect Fee	72,500	29,011	43,489	40%	170,000	97,500	234%
4230-000	Other Income - Misc	10,000	-	10,000	0%	8,000	(2,000)	80%
4230-010	Other Income - Flood Meters	-	-	-	0%	-	-	0%
4230-020	Other Income - Applications	20,000	3,720	16,280	19%	20,300	300	102%
4240-000	Interest Earned - Water	160,000	-	160,000	0%	60,000	(100,000)	38%
4245-000	Interest Earned-2007 COPS	-	-	-	0%	-	-	0%
4260-000	Unrealized Gain/Loss on Invest	-	-	-	0%	-	-	0%
4265-000	Fair Value Adjustment	-	-	-	0%	-	-	0%
4270-000	Gain/Loss on Sale of Assets	-	-	-	0%	-	-	0%
4271-000	Gain/Loss Sale of Investments	10,000	-	10,000	0%	-	(10,000)	0%
4275-001	Rental Income - PA House	11,400	900	10,500	8%	11,400	-	100%
4275-002	Rental Income - Sycamore House	18,800	1,035	17,765	6%	18,800	-	100%
4275-003	Rental Income - Mills House	30,400	5,025	25,375	17%	30,400	-	100%
4280-000	MTBE Settlement	-	-	-	0%	6,700	6,700	0%
4285-000	Grant Revenue - State	125,000	-	125,000	0%	100,000	(25,000)	80%
4287-000	Capital Contributions - Local	-	-	-	0%	-	-	0%
Revenue		**$ 14,289,712**	**$ 3,469,791**	**$ 10,819,921**	**24%**	**$ 13,060,600**	**$ (1,229,112)**	**91%**

Crescenta Valley Water District
Water Budget Variance Report
Actuals as of September 30, 2022 (25% of Year)

		1st Quarter Actuals				Management Estimate		
	Description	Annual Budget	1st Quarter Actual	Remaining Annual Budget	% of Total Budget	Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
Compensation and Benefits								
5000-100	Director Fees	$ 10,800	$ 1,688	$ 9,113	16%	$ 10,000	$ 800	93%
5000-200	Officer Salaries	228,423	63,212	165,211	28%	230,000	$ (1,577)	101%
5000-300	Administrative Service - Labor	496,353	125,723	370,630	25%	509,000	$ (12,647)	103%
5000-310	Administrative Service - OT	6,750	3,028	3,722	45%	12,000	$ (5,250)	178%
5000-350	Engineering Labor	361,993	102,486	259,507	28%	360,000	$ 1,993	99%
5000-360	Engineering Labor OT	7,500	888	6,612	12%	3,500	$ 4,000	47%
5000-400	Maintenance Labor	449,871	100,682	349,189	22%	550,000	$ (100,129)	122%
5000-410	Maintenance Labor OT	47,250	17,529	29,721	37%	70,000	$ (22,750)	148%
5000-500	System Operations	400,290	106,551	293,739	27%	454,000	$ (53,710)	113%
5000-510	System Operations OT	18,000	3,771	14,229	21%	15,000	$ 3,000	83%
5000-800	Standby Pay	54,330	17,199	37,131	32%	68,000	$ (13,670)	125%
5045-000	Automobile Allowance	10,050	3,300	6,750	33%	10,050	$ -	100%
5047-000	Phone Allowance	1,815	441	1,374	24%	1,805	$ 10	99%
5050-000	Employer Portion of PERS	416,238	48,567	367,671	12%	390,400	$ 25,838	94%
5052-000	GASB 68 Adjustment - Water	-	-	-	0%	-	$ -	0%
5052-001	GASB 75 Adjustment	-	-	-	0%	-	$ -	0%
5060-000	Taxes-Payroll	154,250	38,458	115,792	25%	162,601	$ (8,351)	105%
5070-000	Sick Leave/Vacation-Office	177,633	77,961	99,672	44%	212,000	$ (34,367)	119%
5080-000	Health Dental Vision	301,265	70,342	230,923	23%	296,500	$ 4,765	98%
5080-055	Retiree Health Care Expense	-	-	-	0%	-	$ -	0%
5080-100	Retiree Health Care Expense	144,792	-	144,792	0%	144,792	$ -	100%
5082-000	Life and Disability Insurance	10,588	2,363	8,226	22%	10,468	$ 120	99%
5083-000	Self Insurance	18,000	2,435	15,565	14%	18,000	$ -	100%
5084-000	Wellness Program	5,820	1,279	4,541	22%	6,000	$ (180)	103%
5085-000	Workers' Compensation Ins	38,820	9,780	29,040	25%	37,970	$ 850	98%
Compensation and Benefits		**$ 3,360,831**	**$ 797,681**	**$ 2,563,150**	**24%**	**$ 3,572,086**	**$ (211,255)**	**106%**

Crescenta Valley Water District
Water Budget Variance Report
Actuals as of September 30, 2022 (25% of Year)

	Description	Annual Budget	1st Quarter Actual	Remaining Annual Budget	% of Total Budget	Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
Gen'l and Admin Expenses								
5090-000	GL, Property, Fidelity Ins	$ 85,083	$ 13,164	$ 71,919	15%	95,000	$ (9,917)	112%
5100-000	Accounting	10,250	3,445	6,805	34%	12,250	$ (2,000)	120%
5125-000	Legal	154,500	25,056	129,444	16%	150,000	$ 4,500	97%
5130-000	Administrative Consultants	423,435	29,513	393,922	7%	447,750	$ (24,315)	106%
5135-000	Interns	18,640	486	18,154	3%	18,640	$ -	100%
5140-000	Election Expense	67,500	-	67,500	0%	67,000	$ 500	99%
5150-000	Building Maintenance-Office	16,483	8,299	8,184	50%	16,483	$ -	100%
5160-000	Furniture & Fixtures Expense	-	-	-	0%	-	$ -	0%
5170-000	Landscaping Expense	13,134	1,562	11,572	12%	13,134	$ -	100%
5180-000	Office Supplies & Misc Expense	13,200	1,300	11,900	10%	13,200	$ -	100%
5180-100	Misc Expense - COVID-19	3,938	270	3,668	7%	2,800	$ 1,138	71%
5190-000	Computers and Network	-	-	-	0%	-	$ -	0%
5195-000	Computer Software	56,923	37,497	19,426	66%	60,000	$ (3,077)	105%
5200-000	Utilities	30,880	3,266	27,614	11%	30,625	$ 255	99%
5225-000	Enterprise Voice Com	11,625	2,562	9,063	22%	10,500	$ 1,125	90%
5226-000	Wireless Voice & Data	26,250	3,209	23,041	12%	18,000	$ 8,250	69%
5227-000	Data Communications - Fiber	16,500	5,057	11,443	31%	20,000	$ (3,500)	121%
5230-000	Printing Postage Stationery	31,820	6,761	25,059	21%	30,000	$ 1,820	94%
5240-000	Uncollectible Accounts	-	-	-	0%	-	$ -	0%
5250-000	Water System Fees	59,600	-	59,600	0%	65,000	$ (5,400)	109%
5260-000	Engineering Expense	3,750	344	3,406	9%	2,300	$ 1,450	61%
5300-000	Training-Office	15,000	1,133	13,867	8%	14,075	$ 925	94%
5311-000	Tuition Reimbursement	9,450	-	9,450	0%			
5320-000	Conferences & Seminars	39,569	9,556	30,013	24%	40,220	$ (651)	102%
5320-005	Conferences & Seminars-Board	-	-	-	0%	-	$ -	0%
5350-000	Misc Administration	7,149	4,434	2,715	62%	8,149	$ (1,000)	114%
5350-005	Misc Administration-Board	-	-	-	0%	-	$ -	0%
5355-000	Memberships/Subscriptions	23,025	422	22,603	2%	24,125	$ (1,100)	105%
5365-000	Bank Charges	30,000	8,677	21,323	29%	30,000	$ -	100%
5270-000	Water Conservation Expense	55,000	150	54,850	0%	55,000	$ -	100%
5270-400	Water Conservation Rebates	1,000	-	1,000	0%	-	$ 1,000	0%
5270-600	Community Outreach	70,000	8,408	61,592	12%	70,000	$ -	100%
Gen'l and Admin Expenses		**$ 1,293,704**	**$ 174,574**	**$ 1,119,130**	**13%**	**$ 1,314,251**	**$ (29,997)**	**102%**

Crescenta Valley Water District
Water Budget Variance Report
Actuals as of September 30, 2022 (25% of Year)

	Description	Annual Budget	1st Quarter Actual	Remaining Annual Budget	% of Total Budget	Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
Non-Operating Expense								
5900-000	Amortization of Intangibles	-	-	-	0%	-	$ -	0%
5900-001	Amortization of Inv Premium	-	-	-	0%	-	$ -	0%
5900-002	Loan Costs	-	-	-	0%	-	$ -	0%
5910-000	Interest Expense - Notes	29,100	7,274	21,826	25%	29,000	$ 100	100%
5920-100	Rental Expenses - PA House	1,350	-	1,350	0%	1,500	$ (150)	111%
5920-200	Rental Expenses - Sycamore	1,350	-	1,350	0%	1,500	$ (150)	111%
5920-300	Rental Expenses - Mills	1,350	155	1,195	12%	1,500	$ (150)	111%
Non-Operating Expense		**$ 33,150**	**$ 7,429**	**$ 25,721**	**22%**	**$ 33,500**	**$ (350)**	**101%**

Crescenta Valley Water District
Water Budget Variance Report
Actuals as of September 30, 2022 (25% of Year)

	Description	Annual Budget	1st Quarter Actual	Remaining Annual Budget	% of Total Budget	Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
Operations Expense								
5145-000	Taxes-Property	$ 15,655	$ -	$ 15,655	0%	15,348	$ 307	98%
5310-000	Operator Certifications-Educ	17,726	753	16,973	4%	16,000	$ 1,726	90%
5330-000	Safety & Security	20,213	3,457	16,756	17%	20,213	$ -	100%
5340-000	Uniforms	17,115	627	16,488	4%	17,115	$ -	100%
5360-000	Emergency Operations/Repairs	11,500	2,408	9,092	21%	11,500	$ -	100%
5370-000	Permit & Assessment Fees	-	-	-	0%	-	$ -	0%
5380-000	Tools and Eq Maintenance	17,250	3,004	14,246	17%	17,250	$ -	100%
5390-000	Nitrate Plant	121,700	7,140	114,560	6%	120,000	$ 1,700	99%
5441-000	Inventory Shrinkage/Overage	3,000	-	3,000	0%	3,000	$ -	100%
5442-000	Inventory Disposal	-	-	-	0%	-	$ -	0%
5445-000	Telemetering & Signal System	47,250	35,995	11,255	76%	63,000	$ (15,750)	133%
5460-000	Water Treatment Expense	128,300	31,433	96,867	24%	128,000	$ 300	100%
5450-100	Lab & Sampling Expense	150,000	14,397	135,603	10%	110,000	$ 40,000	73%
5450-200	Non-Lab & Sampling	15,000	-	15,000	0%	15,000	$ -	100%
5445-100	Telemetering & Signal System	-	-	-	0%	-	$ -	0%
5445-200	SCADA Hardware	-	6,350	(6,350)	0%	10,000	$ (10,000)	0%
5445-300	SCADA Software	-	-	-	0%	23,000	$ (23,000)	0%
5445-400	SCADA Phone Lines	-	-	-	0%	-	$ -	0%
5402-000	Power Purchased - Pumping	850,630	95,681	754,949	11%	805,000	$ 45,630	95%
Operations Expense		**$ 1,415,339**	**$ 201,245**	**$ 1,214,094**	**14%**	**$ 1,374,426**	**$ 40,913**	**97%**
Water System Expense								
5400-000	Water Usage Cost Exp Well 16	$ 82,047	$ 19,369	$ 62,678	24%	78,000	$ 4,047	95%
5401-000	Purchased Water FMWD	3,102,748	616,907	2,485,841	20%	2,975,000	$ 127,748	96%
5401-002	Purchased Water Glend Welll 16	-	-	-	0%	-	$ -	0%
Water System Expense		**$ 3,184,795**	**$ 636,276**	**$ 2,548,519**	**20%**	**$ 3,053,000**	**$ 131,795**	**96%**

EXPENSE

Crescenta Valley Water District
Water Budget Variance Report
Actuals as of September 30, 2022 (25% of Year)

Q1

	Description	Annual Budget	1st Quarter Actual	Remaining Annual Budget	% of Total Budget	Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
Distribution System Expense								
5410-000	Backflow Expense	$ 750	$ -	$ 750	0%	750	$ -	100%
5423-100	Pipelines - Maintenance	46,750	11,965	34,785	26%	46,750	$ -	100%
5423-300	Fire Hydrant Repair/Replace	25,000	2,006	22,994	8%	25,000	$ -	100%
5423-500	Pipelines-Trench Plate Rentals	-	-	-	0%	-	$ -	0%
5423-700	Pipelines - Valves	79,000	10,996	68,004	14%	79,000	$ -	100%
5424-100	Reservoir Maintenance	185,000	735	184,265	0%	185,000	$ -	100%
5424-200	Reservoir Landscape	30,000	55	29,945	0%	30,000	$ -	100%
5425-100	Meter Maintenance	12,000	17,172	(5,172)	143%	20,000	$ (8,000)	167%
5425-300	Meter Repair/Replace/Upgrade	20,500	3,667	16,833	18%	20,500	$ -	100%
5425-400	Lateral Maintenance	114,000	45,504	68,496	40%	132,000	$ (18,000)	116%
5425-450	Lateral Leaks and Repairs	70,000	24,495	45,505	35%	-	$ 70,000	0%
5425-500	Meters - Trench Plate Rentals	2,000	28	1,972	1%	2,000	$ -	100%
5431-000	Land Lease Cost Expense Well1	17,600	1,243	16,357	7%	17,160	$ 440	98%
5432-100	Well Site - Maintenance	59,000	120	58,880	0%	64,000	$ (5,000)	108%
5432-200	Well Site - Landscape	15,000	870	14,130	6%	15,000	$ -	100%
5433-000	Booster Pumps - Maintenance	46,000	120	45,880	0%	99,000	$ (53,000)	215%
5434-000	Emergency Power Generators	-	3,943	(3,943)	0%	20,000	$ (20,000)	0%
5440-100	Auto/Truck Maintenance	39,075	10,353	28,722	26%	39,075	$ -	100%
5440-200	Auto/Truck Maintenance-Gas	29,700	6,322	23,378	21%	29,700	$ -	100%
5440-300	Auto/Truck Maintenance-Diesel	15,000	10,070	4,930	67%	17,000	$ (2,000)	113%
5423-200	Pipelines - Paving	-	-	-	0%	-	$ -	0%
5423-400	Pipelines - Leak Detect/Repair	31,500	-	31,500	0%	32,000	$ (500)	102%
5425-200	Meters - Paving	200,000	-	200,000	0%	200,000	$ -	100%
5425-700	D-Job Meters/Hydrants	-	(157,297)	157,297	0%	400,000	$ (400,000)	0%
5432-300	Well Site - Lease Payment	300	-	300	0%	300	$ -	100%
Distribution System Expense		**$ 1,038,175**	**$ (7,634)**	**$ 1,045,809**	**-1%**	**$ 1,474,235**	**$ (436,060)**	**142%**
Water Totals								
Totals		**$ 10,325,994**	**$ 1,809,571**	**$ 8,516,423**	**18%**	**$ 10,821,498**	**$ (504,954)**	**105%**

Crescenta Valley Water District
Water Budget Variance Report
Actuals as of September 30, 2022 (25% of Year)

GL#			Description	Annual Budget	1st Quarter Actual	Remaining Annual Budget	% of Total Budget	Year End Expense	Budget Balance	% of Total Budget
					1st Quarter Actuals			Management Estimate		
Compensation and Benefits										
01-01-5000-100	5000-100	E10	Director Fees	10,800.00	1,687.50	9,112.50	16%	$ 10,000	$ 800	93%
01-01-5060-000	5060-000	E10	Taxes-Payroll	1,059.00	127.42	931.58	12%	1,000	59	94%
01-01-5085-000	5085-000	E10	Workers' Compensation Ins	150.00	21.06	128.94	14%	140	10	93%
Compensation and Benefits				**12,009.00**	**1,835.98**	**10,173.02**	**15%**	**11,140**	**869**	**93%**
Gen'l and Admin Expenses										
01-01-5320-000	5320-000	E20	Conferences & Seminars	5,625.00	480.5	5,144.50	9%	$ 5,625	$ -	100%
01-01-5140-000	5140-000	E20	Election Expense	67,500.00	-	67,500.00	0%	67,000	500	99%
Gen'l and Admin Expenses				**73,125.00**	**480.50**	**72,644.50**	**1%**	**72,625**	**500**	**99%**
Board - Water										
Totals				**85,134.00**	**2,316.48**	**82,817.52**	**3%**	**83,765**	**1,369**	**98%**

Crescenta Valley Water District
Water Budget Variance Report
Actuals as of September 30, 2022 (25% of Year)

		1st Quarter Actuals				Management Estimate		
GL#	Description	Annual Budget	1st Quarter Actual	Remaining Annual Budget	% of Total Budget	Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
Compensation and Benefits								
01-02-5000-300	Administrative Service - Labor	$ 82,152	$ 19,721	$ 62,431	24%	$ 80,000	$ 2,152	97%
01-02-5000-310	Administrative Service - OT	750	$ -	750	0%	$ -	750	0%
01-02-5000-400	Maintenance Labor	449,871	$ 100,682	349,189	22%	$ 550,000	(100,129)	122%
01-02-5000-410	Maintenance Labor OT	47,250	$ 17,529	29,721	37%	$ 70,000	(22,750)	148%
01-02-5000-500	System Operations		$ (6,911)	6,911	0%	$ -	-	0%
01-02-5000-510	System Operations OT		$ -	-	0%	$ -	-	0%
01-02-5000-800	Standby Pay	27,165	$ 17,199	9,966	63%	$ 34,000	(6,835)	125%
01-02-5047-000	Phone Allowance	-	$ -	-	0%	$ -	-	0%
01-02-5050-000	Employer Portion of PERS	49,133	$ 6,641	42,492	14%	$ 27,000	22,133	55%
01-02-5060-000	Taxes-Payroll	48,024	$ 11,753	36,271	24%	$ 48,000	24	100%
01-02-5070-000	Sick Leave/Vacation	43,936	$ 26,680	17,256	61%	$ 50,000	(6,064)	114%
01-02-5080-000	Health Dental Vision	92,642	$ 39,401	53,241	43%	$ 100,000	(7,358)	108%
01-02-5082-000	Life and Disability Insurance	2,568	$ 1,071	1,497	42%	$ 2,700	(132)	105%
01-02-5083-000	Self Insurance	1,800	$ 643	1,157	36%	$ 1,800	-	100%
01-02-5084-000	Wellness Program	1,440	$ 675	765	47%	$ 1,440	-	100%
01-02-5085-000	Workers' Compensation Ins	19,740	$ 6,267	13,473	32%	$ 20,000	(260)	101%
Compensation and Benefits		**$ 866,471**	**$ 241,351**	**$ 625,120**	**28%**	**$ 984,940**	**$ (118,469)**	**114%**
Gen'l and Admin Expenses								
01-02-5180-000	Office Supplies & Misc Exp	$ 7,000	$ 394	$ 6,606	6%	$ 7,000	$ -	100%
01-02-5180-100	Misc Expense - COVID-19	$ 1,500	$ 270	$ 1,230	18%	$ 1,500	$ -	100%
01-02-5320-000	Conferences & Seminars	6,750	$ 4,328	2,422	64%	6,750	-	100%
01-02-5355-000	Memberships/Subscriptions	1,875	$ 131	1,744	7%	1,875	-	100%
Gen'l and Admin Expenses		**$ 17,125**	**$ 5,123**	**$ 12,002**	**30%**	**$ 17,125**	**$ -**	**100%**

Crescenta Valley Water District
Water Budget Variance Report
Actuals as of September 30, 2022 (25% of Year)

		1st Quarter Actuals				Management Estimate		
GL#	Description	Annual Budget	1st Quarter Actual	Remaining Annual Budget	% of Total Budget	Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
Operation Expense								
01-02-5150-000	Building Maintenance-Plant	9,263	$ 5,934	3,329	64%	$ 9,263	$ -	100%
01-02-5170-000	Landscaping Expenses-Plant	4,200	$ 369	3,832	9%	4,200	-	100%
01-02-5200-000	Utilities-Plant	8,625	$ 1,790	6,835	21%	8,625	-	100%
01-02-5300-000	Training-Plant	7,875	$ 243	7,632	3%	7,875	-	100%
01-02-5310-000	Operator Certifications-Educ	5,600	$ 753	4,847	13%	5,600	-	100%
01-02-5311-000	Tuition Reimbursement	5,250	$ -	5,250	0%	5,250	-	100%
01-02-5330-000	Safety & Security	20,213	$ 3,457	16,756	17%	20,213	-	100%
01-02-5340-000	Uniforms	17,115	$ 627	16,488	4%	17,115	-	100%
01-02-5350-000	Misc- Administration	1,250	$ 137	1,113	11%	1,250	-	100%
01-02-5360-000	Emergency Operations/Repairs	11,500	$ 2,408	9,092	21%	11,500	-	100%
01-02-5370-000	Permit & Assessment Fees	-	$ -	-	0%	-	-	0%
01-02-5380-000	Tools and Eq Maintenance	17,250	$ 2,671	14,579	15%	17,250	-	100%
01-02-5390-000	Nitrate Plant		$ -	-	0%	-	-	0%
01-02-5441-000	Inventory Shrinkage/Overage	3,000	$ -	3,000	0%	3,000	-	100%
01-02-5442-000	Inventory Disposal	-	$ -	-	0%	-	-	0%
01-02-5460-000	Water Treatment Expense	-	$ -	-	0%	-	-	0%
Operation Expense		**$ 111,141**	**$ 18,388**	**$ 92,753**	**17%**	**$ 111,141**	**$ -**	**100%**

Crescenta Valley Water District
Water Budget Variance Report
Actuals as of September 30, 2022 (25% of Year)

GL#	Description	Annual Budget	1st Quarter Actual	Remaining Annual Budget	% of Total Budget	Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
		1st Quarter Actuals				Management Estimate		
Distribution System Expense								
01-02-5423-100	Pipelines - Maintenance	$ 46,750	$ 11,965	$ 34,785	26%	$ 46,750	$ -	100%
01-02-5423-300	Fire Hydrant Repair/Replace	25,000	$ 2,006	22,994	8%	25,000	-	100%
01-02-5423-500	Pipelines-Trench Plate Rentals	-	$ -	-	0%		$ -	0%
01-02-5423-700	Pipelines - Valves	79,000	$ 10,996	68,004	14%	79,000	-	100%
01-02-5424-100	Reservoir Maintenance		$ -	-	0%	-	$ -	0%
01-02-5424-200	Reservoir Landscape		$ -	-	0%	-	-	0%
01-02-5425-100	Meter Maintenance	12,000	$ 17,172	(5,172)	143%	20,000	$ (8,000)	167%
01-02-5425-300	Meter Repair/Replace/Upgrade	20,500	$ 3,667	16,833	18%	20,500	-	100%
01-02-5425-400	Lateral Maintenance	114,000	$ 45,504	68,496	40%	132,000	$ (18,000)	116%
01-02-5425-450	Lateral Leaks and Repairs	70,000	$ 24,495	45,505	35%	75,000	$ (5,000)	107%
01-02-5425-500	Meters - Trench Plate Rentals	2,000	$ 28	1,972	1%	2,000	-	100%
01-02-5431-000	Land Lease Expense Well16		$ (1,497)	1,497	0%	-	$ -	0%
01-02-5432-100	Well Site - Maintenance		$ -	-	0%	-	-	0%
01-02-5432-200	Well Site - Landscape		$ -	-	0%	-	$ -	0%
01-02-5433-000	Booster Pumps - Maintenance		$ -	-	0%	-	-	0%
01-02-5434-000	Emergency Power Generators	-	$ -	-	0%	-	$ -	0%
01-02-5440-100	Auto/Truck Maintenance	39,075	$ 10,353	28,722	26%	39,075	-	100%
01-02-5440-200	Auto/Truck Maintenance-Gas	29,700	$ 6,322	23,378	21%	29,700	$ -	100%
01-02-5440-300	Auto/Truck Maintenance-Diesel	15,000	$ 10,070	4,930	67%	17,000	(2,000)	113%
Distribution System Expense		**$ 453,025**	**$ 141,081**	**$ 311,944**	**31%**	**$ 486,025**	**$ (33,000)**	**107%**
Operations - Water								
Totals		**$ 1,447,762**	**$ 405,944**	**$ 1,041,818**	**28%**	**$ 1,599,231**	**$ (151,469)**	**110%**

SYSTEMS OPERATIONS

Crescenta Valley Water District
Water Budget Variance Report
Actuals as of September 30, 2022 (25% of Year)

Q1

GL#	Description	Annual Budget	1st Quarter Actual	Remaining Annual Budget	% of Total Budget	Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
			1st Quarter Actuals			Management Estimate		
Compensation and Benefits								
01-07-5000-500	System Operations	400,290	$ 113,462	286,828	28%	$ 454,000	(53,710)	113%
01-07-5000-510	System Operations OT	18,000	$ 3,771	14,229	21%	$ 15,000	3,000	83%
01-07-5000-800	Standby Pay	27,165	$ -	27,165	0%	$ 34,000	(6,835)	125%
01-07-5047-000	Phone Allowance	-	$ -	-	0%	$ -	-	0%
01-07-5050-000	Employer Portion of PERS	40,275	$ -	40,275	0%	$ 70,000	(29,725)	174%
01-07-5060-000	Taxes-Payroll	25,551	$ 8,761	16,790	34%	$ 35,000	(9,449)	137%
01-07-5070-000	Sick Leave/Vacation	31,558	$ 9,309	22,249	29%	$ 31,000	558	98%
01-07-5080-000	Health Dental Vision	53,601	$ -	53,601	0%	$ 57,000	(3,399)	106%
01-07-5082-000	Life and Disability Insurance	1,446	$ -	1,446	0%	$ 1,600	(154)	111%
01-07-5083-000	Self Insurance	1,800	$ -	1,800	0%	$ 1,800	-	100%
01-07-5084-000	Wellness Program	720	$ -	720	0%	$ 720	-	100%
01-07-5085-000	Workers' Compensation Ins	10,306	$ 670	9,636	7%	$ 9,000	1,306	87%
Compensation and Benefits		**$ 610,712**	**$ 135,973**	**$ 474,739**	**22%**	**$ 709,120**	**$ (98,408)**	**116%**
Gen'l and Admin Expenses								
01-07-5310-000	Operator Certifications-Educ	2,000	$ -	2,000	0%	2,000	-	100%
01-07-5311-000	Tuition Reimbursement	1,200	$ -	1,200	0%	1,200	-	100%
01-07-5320-000	Conferences & Seminars	9,500	$ 243	9,257	3%	9,500	-	100%
01-07-5355-000	Memberships/Subscriptions	-	$ -	-	0%	-	-	0%
Gen'l and Admin Expenses		**$ 12,700**	**$ 243**	**$ 12,457**	**2%**	**$ 12,700**	**$ -**	**100%**

SYSTEMS OPERATIONS

Crescenta Valley Water District
Water Budget Variance Report
Actuals as of September 30, 2022 (25% of Year)

Q1

GL#	Description	Annual Budget	1st Quarter Actual	Remaining Annual Budget	% of Total Budget	Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
			1st Quarter Actuals			Management Estimate		
Operation Expense								
01-07-5350-000	Misc- Administration	-	$ -	-	0%	1,000	(1,000)	0%
01-07-5380-000	Tools and Eq Maintenance	-	$ 333	(333)	0%	-	-	0%
01-07-5390-000	Nitrate Plant	121,700	$ 7,140	114,560	6%	120,000	1,700	99%
01-07-5445-000	Telemetering & Signal System	47,250	$ 35,995	11,255	76%	63,000	(15,750)	133%
01-07-5460-000	Water Treatment Expense	128,300	$ 31,433	96,867	24%	128,000	300	100%
Operation Expense		**$ 322,650**	**$ 75,388**	**$ 247,262**	**23%**	**$ 337,400**	**$ (14,750)**	**105%**

Crescenta Valley Water District
Water Budget Variance Report
Actuals as of September 30, 2022 (25% of Year)

		1st Quarter Actuals				Management Estimate		
GL#	Description	Annual Budget	1st Quarter Actual	Remaining Annual Budget	% of Total Budget	Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
Water System Expense								
01-07-5400-000	Water Usage Cost Exp Well 16	$ 82,047	$ 19,369	$ 62,678	24%	$ 78,000	$ 4,047	95%
01-07-5401-000	Purchased Water FMWD	3,102,748	$ 616,907	2,485,841	20%	2,975,000	127,748	96%
01-07-5402-000	Power Purchased - Pumping	850,630	$ 95,681	754,949	11%	805,000	45,630	95%
Water System Expense		**$ 4,035,425**	**$ 731,957**	**$ 3,303,468**	**18%**	**$ 3,858,000**	**$ 177,425**	**96%**
Distribution System Expense								
01-07-5424-100	Reservoir Maintenance	165,000	$ 735	164,265	0%	165,000	$ -	100%
01-07-5424-200	Reservoir Landscape	30,000	$ 55	29,945	0%	30,000	-	100%
01-07-5432-100	Well Site - Maintenance	59,000	$ 120	58,880	0%	64,000	(5,000)	108%
01-07-5432-200	Well Site - Landscape	15,000	$ 870	14,130	6%	15,000	$ -	100%
01-07-5433-000	Booster Pumps - Maintenance	46,000	$ 120	45,880	0%	69,000	(23,000)	150%
01-07-5434-000	Emergency Power Generators	-	$ 3,943	(3,943)	0%	20,000	$ (20,000)	0%
Distribution System Expense		**$ 315,000**	**$ 5,843**	**$ 309,157**	**2%**	**$ 363,000**	**$ (48,000)**	**115%**
Operations - Water								
Totals		**$ 5,296,487**	**$ 949,404**	**$ 4,347,083**	**18%**	**$ 5,280,220**	**$ 16,267**	**100%**

Crescenta Valley Water District
Water Budget Variance Report
Actuals as of September 30, 2022 (25% of Year)

				1st Quarter Actuals				Management Estimate		
GL#			**Description**	**Annual Budget**	**1st Quarter Actual**	**Remaining Annual Budget**	**% of Total Budget**	**Projected Year-End Expense**	**Projected Remaining Budget**	**% of Total Budget**
Compensation and Benefits										
01-03-5000-000	5000-35(	E10	Engineering Labor	$ 361,993	$ 102,486	$ 259,507	28%	$ 360,000	$ 1,993	99%
01-03-5000-010	5000-36(	E10	Engineering Labor OT	7,500	$ 888	6,612	12%	3,500	4,000	47%
01-03-5045-000	5045-00(	E10	Automobile Allowance	3,150	$ 975	2,175	31%	3,150	-	100%
01-03-5047-000	5047-00(	E10	Phone Allowance	605	$ -	605	0%	605	-	100%
01-03-5050-000	5050-00(	E10	Employer Portion of PERS	58,333	$ 5,245	53,088	9%	25,000	33,333	43%
01-03-5060-000	5060-00(	E10	Taxes-Payroll	31,702	$ 8,121	23,581	26%	32,000	(298)	101%
01-03-5070-000	5070-00(	E10	Sick Leave/Vacation	40,374	$ 19,621	20,753	49%	48,000	(7,626)	119%
01-03-5080-000	5080-00(	E10	Health Dental Vision	57,796	$ 12,265	45,531	21%	56,500	1,296	98%
01-03-5082-000	5082-00(	E10	Life and Disability Insurance	2,612	$ 524	2,088	20%	2,600	12	100%
01-03-5083-000	5083-00(	E10	Self Insurance	3,600	$ -	3,600	0%	3,600	-	100%
01-03-5084-000	5084-00(	E10	Wellness Program	1,260	$ 225	1,035	18%	1,080	180	86%
01-03-5085-000	5085-00(	E10	Workers' Compensation Ins	4,104	$ 992	3,112	24%	4,000	104	97%
Compensation and Benefits				**$ 573,029**	**$ 151,343**	**$ 421,686**	**26%**	**$ 540,035**	**$ 32,994**	**94%**
Gen'l and Admin I										
01-03-5130-000	5130-00(	E20	Administrative Consultants	$ 257,250	$ 18,107	$ 239,143	7%	$ 257,250	$ -	100%
01-03-5135-000	5135-00(	E20	Interns	8,640	$ 486	8,154	6%	8,640	-	100%
01-03-5180-000	5180-00(	E20	Office Supplies & Misc Exp	1,500	$ -	1,500	0%	1,500	-	100%
01-03-5180-100	5180-100		Misc Expense - COVID-19	300	$ -	300	0%	300	-	100%
01-03-5260-000	5260-00(	E20	Engineering Expense	3,750	$ 344	3,406	9%	2,300	1,450	61%
01-03-5300-000	5300-00(	E20	Training	3,000	$ -	3,000	0%	2,100	900	70%
01-03-5310-000	5310-00(	E20	Certifications-Educ	6,900	$ -	6,900	0%	5,400	1,500	78%
01-03-5311-000	5311-00(	E20	Tuition Reimbursement	3,000	$ -	3,000	0%	3,000	-	100%
01-03-5320-000	5320-00(	E20	Conferences & Seminars	10,470	$ 3,003	7,467	29%	10,470	-	100%
01-03-5350-000	5350-00(	E35	Misc- Administration	250	$ -	250	0%	250	-	100%
01-03-5355-000	5355-00(	E20	Memberships/Subscriptions	1,500	$ 249	1,251	17%	1,500	-	100%
Gen'l and Admin Expenses				**$ 296,560**	**$ 22,189**	**$ 274,371**	**7%**	**$ 292,710**	**$ 3,850**	**99%**

Crescenta Valley Water District
Water Budget Variance Report
Actuals as of September 30, 2022 (25% of Year)

GL#			Description	Annual Budget	1st Quarter Actual	Remaining Annual Budget	% of Total Budget	Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
				1st Quarter Actuals				Management Estimate		
Operation Expens										
01-03-5370-000	5370-00(	E35	Permit & Assessment Fees	$ -	$ -	$ -	0%	$ -	$ -	0%
Operation Expense				**$ -**	**$ -**	**$ -**	**0%**	**$ -**	**$ -**	**0%**
Distribution Syste										
01-03-5410-000	5410-00(	E45	Backflow Expense	$ 750	$ -	$ 750	0%	$ 750	$ -	100%
01-03-5423-200	5423-20(	E45	Pipelines - Paving	-	$ -	-	0%	-	-	0%
01-03-5423-400	5423-40(	E45	Pipelines - Leak Detect/Repair	31,500	$ -	31,500	0%	32,000	(500)	102%
01-03-5424-100	5424-10(	E45	Reservoir Maintenance	20,000	$ -	20,000	0%	20,000	-	100%
01-03-5425-100	5425-10(	E45	Meter Maintenance	-	$ -	-	0%	-	-	0%
01-03-5425-200	5425-20(	E45	Meters - Paving	200,000	$ -	200,000	0%	200,000	-	100%
01-03-5425-700	5425-70(	E45	D-Job Meters/Hydrants	-	$ (157,297)	157,297	0%	400,000	(400,000)	0%
01-03-5431-000	5431-00(	E45	Land Lease Well 16	17,600	$ 2,740	14,860	16%	17,160	440	98%
01-03-5432-300	5432-30(	E45	Well Site - Lease Payment	300	$ -	300	0%	300	-	100%
01-03-5433-000	5433-00(	E45	Booster Pumps - Maintenance	-	$ -	-	0%	30,000	(30,000)	0%
Distribution System Expense				**$ 270,150**	**$ (154,557)**	**$ 424,707**	**-57%**	**$ 700,210**	**$ (430,060)**	**259%**
Engineering - Wat										
Totals				**$ 1,139,739**	**$ 18,975**	**$ 1,120,764**	**2%**	**$ 1,532,955**	**$ (393,216)**	**135%**

Crescenta Valley Water District
Water Budget Variance Report
Actuals as of September 30, 2022 (25% of Year)

GL#	Description	Annual Budget	1st Quarter Actual	Remaining Annual Budget	% of Total Budget	Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
		1st Quarter Actuals				Management Estimate		
Compensation and Benefits								
01-04-5000-300	Administrative Service - Labor	$ 128,637	$ 25,607	$ 103,030	20%	$ 109,000	$ 19,637	85%
01-04-5045-000	Automobile Allowance	1,500	$ 450	1,050	30%	1,500	-	100%
01-04-5050-000	Employer Portion of PERS	14,045	$ 1,255	12,790	9%	14,000	45	100%
01-04-5060-000	Taxes-Payroll	8,813	$ 1,920	6,893	22%	7,500	1,313	85%
01-04-5070-000	Sick Leave/Vacation	10,248	$ 4,860	5,388	47%	13,000	(2,752)	127%
01-04-5080-000	Health Dental Vision	13,452	$ 3,092	10,360	23%	13,000	452	97%
01-04-5082-000	Life and Disability Insurance	973	$ 142	831	15%	568	405	58%
01-04-5083-000	Self Insurance	1,800	$ 1,296	504	72%	1,800	-	100%
01-04-5084-000	Wellness Program	180	$ -	180	0%	180	-	100%
01-04-5085-000	Workers' Compensation Ins	581	$ 220	361	38%	630	(49)	108%
Compensation and Benefits		**$ 180,229**	**$ 38,842**	**$ 141,387**	**22%**	**$ 161,178**	**$ 19,051**	**89%**
Gen'l and Admin Expenses								
01-04-5130-000	Administrative Consultants	$ 82,500	$ 145	$ 82,355	0%	$ 82,500	$ -	100%
01-04-5135-000	Interns	10,000	$ -	10,000	0%	10,000	-	100%
01-04-5180-000	Office Supplies & Misc Expense	500	$ -	500	0%	500	-	100%
01-04-5270-000	Water Conservation Expense	55,000	$ 150	54,850	0%	55,000	-	100%
01-04-5270-400	Water Conservation Rebates	1,000	$ -	1,000	0%	-	1,000	0%
01-04-5270-600	Community Outreach	70,000	$ 8,408	61,592	12%	70,000	-	100%
01-04-5320-000	Conferences & Seminars	1,875	$ -	1,875	0%	1,875	-	100%
01-04-5355-000	Memberships/Subscriptions	750	$ 42	708	6%	750	-	100%
Gen'l and Admin Expenses		**$ 221,625**	**$ 8,746**	**$ 212,879**	**4%**	**$ 220,625**	**$ 1,000**	**100%**
Operation Expense								
01-04-5450-100	Lab & Sampling Expense	$ 150,000	$ 14,397	$ 135,603	10%	$ 110,000	$ 40,000	73%
01-04-5450-200	Non-Lab & Sampling	15,000	$ -	15,000	0%	15,000	-	100%
Operation Expense		**$ 165,000**	**$ 14,397**	**$ 150,603**	**9%**	**$ 125,000**	**$ 40,000**	76%
Regulatory - Water								
Totals		**$ 566,854**	**$ 61,984**	**$ 504,870**	**11%**	**$ 506,803**	**$ 60,051**	**89%**

Crescenta Valley Water District
Water Budget Variance Report
Actuals as of September 30, 2022 (25% of Year)

		1st Quarter Actuals				Management Estimate		
GL#	Description	Annual Budget	1st Quarter Actual	Remaining Annual Budget	% of Total Budget	Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
Gen'l and Admin Expenses								
01-05-5130-000	Administrative Consultants	$ 64,035	$ -	$ 64,035	0%	70,000	$ (5,965)	109%
01-05-5180-000	Office Supplies & Misc Expense	-	$ -	-	0%	-	-	0%
01-05-5190-000	Computers and Network	-	$ -	-	0%	-	-	0%
01-05-5195-000	Computer Software	56,923	$ 37,497	19,426	66%	60,000	(3,077)	105%
01-05-5225-000	Enterprise Voice Com	11,625	$ 2,562	9,063	22%	10,500	1,125	90%
01-05-5226-000	Wireless Voice & Data	26,250	$ 3,209	23,041	12%	18,000	8,250	69%
01-05-5227-000	Data Communications - Fiber	16,500	$ 5,057	11,443	31%	20,000	(3,500)	121%
Gen'l and Admin Expenses		**$ 175,333**	**$ 48,325**	**$ 127,007**	**28%**	**$ 178,500**	**$ (3,167)**	**102%**

Crescenta Valley Water District
Water Budget Variance Report
Actuals as of September 30, 2022 (25% of Year)

		1st Quarter Actuals				Management Estimate		
GL#	Description	Annual Budget	1st Quarter Actual	Remaining Annual Budget	% of Total Budget	Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
Operation Expense								
01-05-5445-100	Telemetering & Signal System	$ -	$ -	$ -	0%	-	$ -	0%
01-05-5445-200	SCADA Hardware	-	$ 6,350	(6,350)	0%	10,000	(10,000)	0%
01-05-5445-300	SCADA Software	-	$ -	-	0%	23,000	(23,000)	0%
01-05-5445-400	SCADA Phone Lines	-	$ -	-	0%	-	-	0%
Operation Expense		**$ -**	**$ 6,350**	**$ (6,350)**	**0%**	**33,000**	**$ (33,000)**	**0%**
Technology - Water								
Totals		**$ 175,333**	**$ 54,675**	**$ 120,657**	**31%**	**$ 211,500**	**$ (36,167)**	**121%**

Crescenta Valley Water District
Water Budget Variance Report
Actuals as of September 30, 2022 (25% of Year)

GL#			Description	Annual Budget	1st Quarter Actuals: 1st Quarter Actual	Remaining Annual Budget	% of Total Budget	Management Estimate: Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
Compensation an										
01-06-5000-200	5000-20(	E10	Officer Salaries	$ 228,423	$ 63,212	$ 165,211	28%	$ 230,000	$ (1,577)	101%
01-06-5000-300	5000-30(	E10	Administrative Service - Labor	285,564	$ 80,395	205,169	28%	320,000	(34,436)	112%
01-06-5000-310	5000-31(	E10	Administrative Service - OT	6,000	$ 3,028	2,972	50%	12,000	(6,000)	200%
01-06-5045-000	5045-00(	E10	Automobile Allowance	5,400	$ 1,875	3,525	35%	5,400	-	100%
01-06-5047-000	5047-00(	E10	Phone Allowance	1,210	$ 441	769	36%	1,200	10	99%
01-06-5050-000	5050-00(	E10	Employer Portion of PERS	254,452	$ 35,426	219,026	14%	254,400	52	100%
01-06-5060-000	5060-00(	E10	Taxes-Payroll	39,101	$ 7,776	31,325	20%	39,101	-	100%
01-06-5070-000	5070-00(	E10	Sick Leave/Vacation	51,517	$ 17,490	34,027	34%	70,000	(18,483)	136%
01-06-5080-000	5080-00(	E10	Health Dental Vision	83,774	$ 15,584	68,190	19%	70,000	13,774	84%
01-06-5080-100	5080-10(	E10	Retiree Health Care Expense	144,792	$ -	144,792	0%	144,792	-	100%
01-06-5082-000	5082-00(	E10	Life and Disability Insurance	2,989	$ 626	2,363	21%	3,000	(11)	100%
01-06-5083-000	5083-00(	E10	Self Insurance	9,000	$ 496	8,504	6%	9,000	-	100%
01-06-5084-000	5084-00(	E10	Wellness Program	2,220	$ 379	1,841	17%	2,580	(360)	116%
01-06-5085-000	5085-00(	E10	Workers' Compensation Ins	3,939	$ 1,609	2,330	41%	4,200	(261)	107%
Compensation and Benefits				**$ 1,118,381**	**$ 228,336**	**$ 890,045**	**20%**	**$ 1,165,673**	**$ (47,292)**	**104%**

Crescenta Valley Water District
Water Budget Variance Report
Actuals as of September 30, 2022 (25% of Year)

GL#			Description	Annual Budget	1st Quarter Actual	Remaining Annual Budget	% of Total Budget	Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
				1st Quarter Actuals				Management Estimate		
Gen'l and Admin Expenses										
01-06-5090-000	5090-000	E20	GL, Property, Fidelity Ins	$ 85,083	$ 13,164	$ 71,919	15%	$ 95,000	$ (9,917)	112%
01-06-5100-000	5100-000	E20	Accounting	10,250	$ 3,445	6,805	34%	12,250	(2,000)	120%
01-06-5125-000	5125-000	E20	Legal	154,500	$ 25,056	129,444	16%	150,000	4,500	97%
01-06-5130-000	5130-000	E20	Administrative Consultants	19,650	$ 11,261	8,389	57%	38,000	(18,350)	193%
01-06-5135-000	5135-000	E20	Interns	-	$ -	-	0%	-	-	0%
01-06-5140-000	5140-000	E20	Election Expense	-	$ -	-	0%	-	-	
01-06-5150-000	5150-000	E20	Building Maintenance	7,220	$ 2,365	4,855	33%	7,220	-	100%
01-06-5170-000	5170-000	E20	Landscaping Expense	8,934	$ 1,194	7,740	13%	8,934	-	100%
01-06-5180-000	5180-000	E20	Office Supplies & Misc Expense	4,200	$ 906	3,294	22%	4,200	-	100%
01-06-5180-100	5180-100	E20	Misc Expense - COVID-19	2,138	$ -	2,138	0%	1,000	1,138	47%
01-06-5200-000	5200-000	E20	Utilities	22,255	$ 1,476	20,779	7%	22,000	255	99%
01-06-5230-000	5230-000	E20	Printing Postage Stationery	31,820	$ 6,761	25,059	21%	30,000	1,820	94%
01-06-5250-000	5250-000	E20	Water System Fees	59,600	$ -	59,600	0%	65,000	(5,400)	109%
01-06-5300-000	5300-000	E20	Training	4,125	$ 890	3,235	22%	4,100	25	99%
01-06-5310-000	5310-000	E20	Certifications-Educ	3,226	$ -	3,226	0%	3,000	226	93%
01-06-5311-000	5311-000	E20	Tuition Reimbursement	-	$ -	-	0%	-	-	0%
01-06-5320-000	5320-000	E20	Conferences & Seminars	5,349	$ 1,501	3,848	28%	6,000	(651)	112%
01-06-5350-000	5350-000	E20	Misc Administration	5,649	$ 4,298	1,351	76%	5,649	-	100%
01-06-5355-000	5355-000	E20	Memberships/Subscriptions	18,900	$ -	18,900	0%	20,000	(1,100)	106%
01-06-5365-000	5365-000	E20	Bank Charges	30,000	$ 8,677	21,323	29%	30,000	-	100%
Gen'l and Admin Expenses				**$ 472,899**	**$ 80,994**	**$ 391,905**	**17%**	**$ 502,353**	**$ (29,454)**	**106%**

Crescenta Valley Water District
Water Budget Variance Report
Actuals as of September 30, 2022 (25% of Year)

GL#			Description	Annual Budget	1st Quarter Actual	Remaining Annual Budget	% of Total Budget	Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
				1st Quarter Actuals				Management Estimate		
Non-Operating Expense										
01-06-5910-000	5910-000	E30	Interest Expense - Notes	$ 29,100	$ 7,274	$ 21,826	25%	$ 29,000	$ 100	100%
01-06-5920-100	5920-100	E30	Rental Expenses - PA House	1,350	$ -	1,350	0%	1,500	(150)	111%
01-06-5920-200	5920-200	E30	Rental Expenses - Sycamore	1,350	$ -	1,350	0%	1,500	(150)	111%
01-06-5920-300	5920-300	E30	Rental Expenses - Mills	1,350	$ 155	1,195	12%	1,500	(150)	111%
Non-Operating E				**$ 33,150**	**$ 7,429**	**$ 3,895**	**22%**	**$ 33,500**	**$ (350)**	**101%**
Operation Expense										
01-06-5145-000	5145-000	E35	Taxes-Property	$ 15,655	$ -	$ 15,655	0%	$ 15,348	$ 307	98%
Operation Expense				**$ 15,655**	**$ -**	**$ 15,655**	**0%**	**$ 15,348**	**$ 307**	**98%**
Administration - Water										
Totals				**$ 1,640,085**	**$ 316,758**	**$ 1,301,501**	**19%**	**$ 1,716,874**	**$ (76,789)**	**105%**

Crescenta Valley Water District
Wastewater Budget Variance Report
Summary - As of September 30, 2022 (25% of Year)

Description		Annual Budget	1st Quarter Actual	Remaining Annual Budget	% of Total Budget	Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
		3 Month Actuals (25%)				Management Estimate		
Revenue								
	Wastewater - User Charges	$ 3,506,607	$ 859,062	$ 2,647,545	24%	$ 3,500,000	$ 6,607	100%
	Interest Income Wastewater	1,000	-	1,000	0%	500	500	50%
	Other Income Wastewater	19,860	11,785	(310)	59%	39,850	(19,990)	201%
	Construction Revenue	29,000	11,312	17,688	39%	49,000	(20,000)	169%
Revenue		**$ 3,556,467**	**$ 882,159**	**$ 2,665,923**	**25%**	**$ 3,589,350**	**$ (32,883)**	**101%**
Expenses								
	Labor & Benefits	1,663,461	360,142	1,303,319	22%	1,626,774	36,687	98%
	City of LA Sewer Services	1,809,800	-	1,809,800	0%	1,900,000	(90,200)	105%
	Operating Cost	1,052,973	97,988	954,985	9%	1,084,493	(31,520)	103%
Expenses		**$ 4,526,234**	**$ 458,130**	**$ 4,068,104**	**10%**	**$ 4,611,267**	**$ (85,033)**	**102%**
	Infrastructure	175,000	8,234	166,766	**5%**	175,000	-	100%
	Capital Outlays & Equip	64,500	14,861	49,639	**23%**	64,500	-	100%
	OPEB	-		-	**0%**	-	-	
Total CIP & OPEB		**239,500**	**23,095**	**216,405**	**10%**	**$ 239,500**	**$ -**	**100%**
Net Revenue minus Expenses		**(1,209,267)**	**400,934**			**(1,261,417)**		

Crescenta Valley Water District
Wastewater Budget Variance Report
Revenue - As of September 30, 2022 (25% of Year)

	1st Quarter Actuals				Management Estimate		
	Annual Budget	1st Quarter Actual	Remaining Annual Budget	% of Total Budget	Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
Sewage Disposal Sales	$ 3,506,607	$ 859,062	$ 2,647,545	24%	$ 3,500,000	$ 6,607	100%
Property Owner Assessments	25,000	$ 11,312	13,688	45%	$ 45,000	(20,000)	180%
Sewer Permits	4,000	$ -	4,000	0%	$ 4,000	-	100%
Other Income	-	$ 4,812	(4,812)	0%	$ 20,000	(20,000)	0%
Interest Earned - Sewer	1,000	$ -	1,000	0%	$ 500	500	50%
Unrealized Gain/Loss on Invest	-	$ -	-	0%	$ -	-	0%
Fair Value Adjustment	-	$ -	-	0%	$ -	-	0%
Gain/Loss Sale of Investments	-	$ -	-	0%	$ -	-	0%
Rental Income - PA House	3,300	$ 640	2,660	19%	$ 3,300	-	100%
Rental Income - Sycamore House	6,500	$ 4,658	1,842	72%	$ 6,500	-	100%
Rental Income - Mills House	10,060	$ 1,675	8,385	17%	$ 10,050	10	100%
	$ 3,556,467	**$ 882,159**	**$ 2,665,923**	**25%**	**$ 3,589,350**	**$ (32,893)**	**101%**

EXPENSE

Crescenta Valley Water District
Wastewater Budget Variance Report
Expense - As of September 30, 2022 (25% of Year)

Q1

	Description	Annual Budget	1st Quarter Actual	Remaining Annual Budget	% of Total Budget	Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
			1st Quarter Actuals			Management Estimate		
Compensation and Benefits								
5000-100	Director Fees	$ 10,800	$ 1,688	$ 9,112	16%	$ 8,000	$ 2,800	74%
5000-200	Officer Salaries	228,423	59,184	169,239	26%	230,000	(1,577)	101%
5000-300	Administrative Service - Labor	235,053	57,604	177,449	25%	229,000	6,053	97%
5000-310	Administrative Service - OT	6,250	3,028	3,222	48%	6,300	(50)	101%
5000-350	Engineering Labor	162,331	28,656	133,675	18%	114,700	47,631	71%
5000-360	Engineering Labor OT	2,500	296	2,204	12%	1,200	1,300	48%
5000-400	Maintenance Labor	188,873	45,818	143,055	24%	210,000	(21,127)	111%
5000-410	Maintenance Labor OT	22,000	4,240	17,760	19%	16,000	6,000	73%
5000-800	Standby Pay	18,110	5,733	12,377	32%	22,900	(4,790)	126%
5045-000	Automobile Allowance	10,050	3,300	6,750	33%	10,050	-	100%
5047-000	Phone Allowance	1,209	441	768	36%	700	509	58%
5050-000	Employer Portion of PERS	277,492	53,740	223,752	19%	279,400	(1,908)	101%
5060-000	Taxes - Payroll	95,633	15,168	80,465	16%	68,798	26,835	72%
5070-000	Sick Leave/Vacation	59,211	24,952	34,259	42%	84,000	(24,789)	142%
5080-000	Health Dental Vision	200,844	46,619	154,225	23%	204,500	(3,656)	102%
5080-100	Retiree Health Care Expense	96,528	-	96,528	0%	96,528	-	100%
5082-000	Life and Disability Insurance	7,058	1,574	5,484	22%	6,678	380	95%
5083-000	Self Insurance	12,000	1,626	10,374	14%	12,096	(96)	101%
5084-000	Wellness Program	3,880	426	3,454	11%	3,460	420	89%
5085-000	Workers' Compensation Ins	25,216	6,049	19,167	24%	22,464	2,752	89%
Compensation and Benefits		**$ 1,663,461**	**$ 360,142**	**$ 1,303,319**	**22%**	**$ 1,626,774**	**$ 36,687**	**98%**

Crescenta Valley Water District
Wastewater Budget Variance Report
Expense - As of September 30, 2022 (25% of Year)

	Description	Annual Budget	1st Quarter Actual	Remaining Annual Budget	% of Total Budget	Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
Gen'l and Admin Expenses								
5090-000	GL, Property, Fidelity Ins	85,083	19,746	65,337	23%	95,000	(9,917)	112%
5100-000	Accounting	10,250	3,055	7,195	30%	11,000	(750)	107%
5125-000	Legal	51,500	5,500	46,000	11%	50,000	1,500	97%
5130-000	Administrative Consultants	456,145	5,595	450,550	1%	478,800	(22,655)	105%
5135-000	Interns	-	162	(162)	0%	-	-	0%
5150-000	Building Maintenance	5,476	1,654	3,822	30%	5,476	-	100%
5170-000	Landscaping Expense	5,866	743	5,123	13%	5,866	-	100%
5180-000	Office Supplies & Misc Expense	11,700	1,186	10,514	10%	11,500	200	98%
5190-000	Computers and Network	-	-	-	0%	5,000	(5,000)	0%
5195-000	Computer Software	18,974	12,499	6,475	66%	20,000	(1,026)	105%
5200-000	Utilities	10,260	954	9,306	9%	9,875	385	96%
5225-000	Enterprise Voice Communication	3,875	2,013	1,862	52%	7,400	(3,525)	191%
5226-000	Wireless Voice & Data	8,750	959	7,791	11%	4,000	4,750	46%
5227-000	Data Communications - Fiber	5,500	1,917	3,583	35%	7,500	(2,000)	136%
5230-000	Printing Postage Stationery	31,820	6,485	25,335	20%	33,000	(1,180)	104%
5260-000	Engineering Expense	1,250	115	1,135	9%	1,250	-	100%
5300-000	Training	4,500	209	4,291	5%	4,625	(125)	103%
5320-000	Conferences & Seminars	$ 9,251	$ 3,354	$ 5,897	36%	$ 9,200	$ 51	99%
5350-000	Misc Administration	3,901	3,559	342	91%	3,951	(50)	101%
5355-000	Memberships/Subscriptions	8,975	127	8,848	1%	8,630	345	96%
5365-000	Bank Charges	30,000	8,677	21,323	29%	30,000	-	100%
Gen'l and Admin Expenses		**$ 763,076**	**$ 78,509**	**$ 684,567**	**10%**	**$ 802,073**	**$ (38,997)**	**105%**

Crescenta Valley Water District
Wastewater Budget Variance Report
Expense - As of September 30, 2022 (25% of Year)

Description		Annual Budget	1st Quarter Actual	Remaining Annual Budget	% of Total Budget	Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
Non-Operating Expense								
5920-100	Rental Expenses - PA House	$ 450	$ -	$ 450	0%	$ 450	$ -	100%
5920-200	Rental Expenses - Sycamore	450	-	450	0%	450	-	100%
5920-300	Rental Expense - Mills	450	52	398	12%	2,300	(1,850)	511%
Non-Operating Expense		**$ 1,350**	**$ 52**	**$ 1,298**	**4%**	**$ 3,200**	**$ -**	**237%**
Operations Expense								
5145-000	Taxes-Property	$ 5,255	$ -	$ 5,255	0%	$ 5,152	$ 103	98%
5310-000	Operator Certifications-Educ	2,574	101	2,473	4%	2,200	374	85%
5330-000	Safety & Security	6,738	403	6,335	6%	6,738	-	100%
5340-000	Uniforms	5,705	187	5,518	3%	5,705	-	100%
5360-000	Emergency Operations/Repairs	11,500	1,883	9,617	16%	-	11,500	0%
5380-000	Tools and Eq Maintenance	17,250	156	17,094	1%	17,250	-	100%
5402-000	Power Purchased - Lift Stn	600	246	354	41%	600	-	100%
5445-100	Telemetering & Signal System	15,750	-	15,750	0%	15,750	-	100%
5445-200	SCADA Hardware	-	2,150	(2,150)	0%	2,150	(2,150)	0%
5445-300	SCADA Software	-	-	-	0%	-	-	0%
5445-400	SCADA Phone Lines	-	-	-	0%	-	-	0%
Operations Expense		**$ 65,372**	**$ 5,126**	**$ 60,246**	**8%**	**$ 55,545**	**$ 9,827**	**85%**

EXPENSE

Crescenta Valley Water District
Wastewater Budget Variance Report
Expense - As of September 30, 2022 (25% of Year)

Q1

	Description	Annual Budget	1st Quarter Actual	Remaining Annual Budget	% of Total Budget	Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
Wastewater System Expense								
5434-000	Emergency Power Generators	$ -	$ -	$ -	0%	$ -	$ -	0%
5700-000	Wastewater System Expense	1,809,800	-	1,809,800	0%	1,900,000	(90,200)	105%
Wastewater System Expense		**$ 1,809,800**	**$ -**	**$ 1,809,800**	**0%**	**$ 1,900,000**	**$ (90,200)**	**105%**
Collection System Expense								
5423-000	Pipelines - Maintenance	$ -	$ -	$ -	0%	$ -	$ -	0%
5423-100	Pipelines - Maintenance	111,250	5,127	106,123	5%	111,250	-	100%
5440-100	Auto/Truck Maintenance	13,025	180	12,845	1%	13,025	-	100%
5440-200	Auto/Truck Maintenance-Gas	9,900	2,711	7,189	27%	9,900	-	100%
5440-300	Auto/Truck Maintenance-Diesel	5,000	-	5,000	0%	5,500	(500)	110%
5621-000	Sewer Flow Monitoring Expense	19,000	3,430	15,570	18%	19,000	-	100%
5624-000	Sewer Camera Van Inspection	15,000	47	14,953	0%	15,000	-	100%
5625-000	Sewer Interceptor Maintenance	29,000	-	29,000	0%	29,000	-	100%
5628-000	Sewer Lift Station Maintenance	21,000	2,806	18,194	13%	21,000	-	100%
Collection System Expense		**$ 223,175**	**$ 14,301**	**$ 208,874**	**6%**	**$ 223,675**	**$ (500)**	**100%**
Wastewater Totals								
Totals		**$ 4,526,234**	**$ 458,130**	**$ 4,068,104**	**10%**	**$ 4,611,267**	**$ (1,000)**	**102%**

Crescenta Valley Water District
Wastewater Budget Variance Report
Board - As of September 30, 2022 (25% of Year)

		1st Quarter Actuals				Management Estimate		
GL#	Description	Annual Budget	1st Quarter Actual	Remaining Annual Budget	% of Total Budget	Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
Compensation and Benefits								
02-01-5000-100	Director Fees	$ 10,800	$ 1,688	$ 9,112	16%	$ 8,000	$ 2,800	74%
02-01-5060-000	Taxes - Payroll	706	127	579	0	550	156	78%
02-01-5085-000	Workers' Compensation Ins	100	14	86	0	44	56	44%
Compensation and Benefits		**$ 11,606**	**$ 1,829**	**$ 9,777**	**16%**	**$ 8,594**	**$ 3,012**	**74%**
Gen'l and Admin Expenses								
02-01-5320-000	Conferences & Seminars	$ 1,250	$ 295	$ 955	24%	$ 1,250	$ -	100%
02-01-5350-000	Misc Administration		46	(46)	0%	50	(50)	0%
Gen'l and Admin Expenses		**$ 1,250**	**$ 341**	**$ 909**	**27%**	**$ 1,300**	**$ (50)**	**104%**
Board - Wastewater								
Totals		**12,856.00**	**2,170.00**	**10,686.00**	**17%**	**9,894**	**2,962**	**77%**

Crescenta Valley Water District
Wastewater Budget Variance Report
Operations - September 30, 2022 (25% of Year)

		1st Quarter Actuals				Management Estimate		
GL#	Description	Annual Budget	1st Quarter Actual	Remaining Annual Budget	% of Total Budget	Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
Compensation and Benefits								
02-02-5000-300	Administrative Service - Labor	$ 27,384	$ 6,439	$ 20,945	24%	$ 22,000	$ 5,384	80%
02-02-5000-310	Administrative Service - OT	250	$ -	250	0%	-	250	0%
02-02-5000-400	Maintenance Labor	188,873	$ 45,818	143,055	24%	210,000	(21,127)	111%
02-02-5000-410	Maintenance Labor OT	22,000	$ 4,240	17,760	19%	16,000	6,000	73%
02-02-5000-800	Standby Pay	18,110	$ 5,733	12,377	32%	22,900	(4,790)	126%
02-02-5047-000	Phone Allowance	-	$ -	-	0%	-	-	0%
02-02-5050-000	Employer Portion of PERS	59,605	$ 4,427	55,178	7%	50,000	9,605	84%
02-02-5060-000	Taxes-Payroll	44,075	$ 3,918	40,157	9%	30,000	14,075	68%
02-02-5070-000	Sick Leave/Vacation	25,165	$ 7,734	17,431	31%	30,000	(4,835)	119%
02-02-5080-000	Health Dental Vision	97,496	$ 26,267	71,229	27%	105,000	(7,504)	108%
02-02-5082-000	Life and Disability Insurance	2,676	$ 714	1,962	27%	2,500	176	93%
02-02-5083-000	Self Insurance	2,400	$ 429	1,971	18%	2,400	-	100%
02-02-5084-000	Wellness Program	1,440	$ 225	1,215	16%	1,440	-	100%
02-02-5085-000	Workers' Compensation Ins	19,367	$ 4,153	15,214	21%	17,000	2,367	88%
Compensation and Benefits		**$ 508,841**	**$ 110,097**	**$ 398,744**	**22%**	**$ 509,240**	**$ (399)**	**100%**
Gen'l and Admin Expenses								
02-02-5180-000	Office Supplies & Misc Expense	$ 7,000	$ 350	$ 6,650	5%	$ 7,000	$ -	100%
02-02-5180-100	Misc Expense - COVID-19	$ -	$ -	$ -	0%		$ -	0%
02-02-5320-000	Conferences & Seminars	2,250	$ 1,430	820	64%	2,250	-	100%
02-02-5355-000	Memberships/Subscriptions	625	$ 44	581	0%	625	-	100%
Gen'l and Admin Expenses		**$ 9,875**	**$ 1,824**	**$ 8,051**	**0%**	**$ 9,875**	**$ -**	**100%**

Crescenta Valley Water District
Wastewater Budget Variance Report
Operations - September 30, 2022 (25% of Year)

GL#	Description	Annual Budget	1st Quarter Actual	Remaining Annual Budget	% of Total Budget	Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
Operation Expense								
02-02-5150-000	Building Maintenance-Plant	$ 3,088	$ 948	$ 2,140	31%	$ 3,088	$ -	100%
02-02-5170-000	Landscaping Expense-Plant	2,800	$ 302	2,498	11%	2,800	-	100%
02-02-5200-000	Utilities-Plant	2,875	$ 248	2,627	9%	2,875	-	100%
02-02-5300-000	Training-Plant	2,625	$ -	2,625	0%	2,625	-	100%
02-02-5310-000	Operator Certifications-Educ	1,400	$ 101	1,299	7%	1,400	-	100%
02-02-5311-000	Tuition Reimbursement	1,750	$ -	1,750	0%	1,750	-	100%
02-02-5330-000	Safety & Security	6,738	$ 403	6,335	6%	6,738	-	100%
02-02-5350-000	Misc Administration	1,250	$ 578	672	46%	1,250	-	100%
02-02-5340-000	Uniforms	5,705	$ 187	5,518	3%	5,705	-	100%
02-02-5360-000	Emergency Operations/Repairs	11,500	$ 1,883	9,617	16%	11,500	-	100%
02-02-5380-000	Tools and Eq Maintenance	17,250	$ 156	17,094	1%	17,250	-	100%
02-02-5402-000	Power Purchased - Lift Stn	600	$ 246	354	41%	600	-	100%
02-02-5441-000	Inventory Shrinkage/Overage	2,000	$ -	2,000	0%	2,000	-	100%
02-02-5445-100	Telemetering & Signal System	15,750	$ -	15,750	0%	15,750	-	100%
Operation Expense		**$ 75,331**	**$ 5,052**	**$ 70,279**	**7%**	**$ 75,331**	**$ -**	**100%**

Crescenta Valley Water District
Wastewater Budget Variance Report
Operations - September 30, 2022 (25% of Year)

GL#	Description	Annual Budget	1st Quarter Actual	Remaining Annual Budget	% of Total Budget	Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
Collection System Expense								
02-02-5423-100	Pipelines - Maintenance	111,250	$ 5,127	106,123	5%	$ 111,250	-	100%
02-02-5440-100	Auto/Truck Maintenance	13,025	$ 180	12,845	1%	13,025	-	100%
02-02-5440-200	Auto/Truck Maintenance-Gas	9,900	$ 2,711	7,189	27%	9,900	-	100%
02-02-5440-300	Auto/Truck Maintenance-Diesel	5,000	$ -	5,000	0%	5,500	(500)	110%
02-02-5621-000	Sewer Flow Monitoring Expense	-	$ -	-	0%		-	0%
02-02-5624-000	Sewer Camera Van Inspection	15,000	$ 47	14,953	0%	15,000	-	100%
02-02-5625-000	Sewer Interceptor Maintenance	29,000	$ -	29,000	0%	29,000	-	100%
02-02-5628-000	Sewer Lift Station Maintenance	21,000	$ 2,806	18,194	13%	21,000	-	100%
Collection System Expense		**$ 204,175**	**$ 10,871**	**$ 193,304**	**5%**	**$ 204,675**	**$ (500)**	**100%**
Wastewater System Expense								
02-02-5434-000	Emergency Power Generators	$ -	$ -	$ -	0%		$ -	0%
02-02-5700-000	Wastewater System Expense	1,809,800	$ -	1,809,800	0%	1,900,000	(90,200)	105%
Wastewater System Expense		**$ 1,809,800**	**$ -**	**$ 1,809,800**	**0%**	**$ 1,900,000**	**$ (90,200)**	**105%**
Operations - Wastewater								
Totals		**$ 2,608,022**	**$ 127,844**	**$ 2,480,178**	**5%**	**$ 2,699,121**	**$ (91,099)**	**103%**

Crescenta Valley Water District
Wastewater Budget Variance Report
Engineering - As of September 30, 2022 (25% of Year)

GL#	Description	Annual Budget	1st Quarter Actual	Remaining Annual Budget	% of Total Budget	Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
		1st Quarter Actuals				Management Estimate		
Compensation and Benefits								
02-03-5000-000	Engineering Labor	$ 162,331	$ 28,656	$ 133,675	18%	$ 114,700	$ 47,631	71%
02-03-5000-010	Engineering Labor OT	2,500	$ 296	2,204	12%	1,200	1,300	48%
02-03-5045-000	Automobile Allowance	3,150	$ 975	2,175	31%	3,150	-	100%
02-03-5047-000	Phone Allowance	403	$ -	403	0%	-	403	0%
02-03-5050-000	Employer Portion of PERS	38,889	$ 3,497	35,392	9%	35,000	3,889	90%
02-03-5060-000	Taxes-Payroll	20,155	$ 2,707	17,448	13%	10,748	9,407	53%
02-03-5070-000	Sick Leave/Vacation	13,458	$ 4,723	8,735	35%	19,000	(5,542)	141%
02-03-5080-000	Health Dental Vision	38,531	$ 8,177	30,354	21%	35,000	3,531	91%
02-03-5082-000	Life and Disability Insurance	1,741	$ 349	1,392	20%	1,700	41	98%
02-03-5083-000	Self Insurance	2,400	$ -	2,400	0%	2,400	-	100%
02-03-5084-000	Wellness Program	840	$ 75	765	9%	300	540	36%
02-03-5085-000	Workers' Compensation Ins	2,736	$ 662	2,074	24%	2,000	736	73%
Compensation and Benefits		**$ 287,134**	**$ 50,117**	**$ 237,017**	**17%**	**$ 225,198**	**$ 61,936**	**78%**
Gen'l and Admin Expenses								
02-03-5130-000	Administrative Consultants	$ 400,750	$ 3,259	$ 397,491	1%	$ 440,000	$ (39,250)	110%
02-03-5135-000	Interns	-	$ 162	(162)	0%	-	-	0%
02-03-5180-000	Office Supplies & Misc Expense	-	$ -	-	0%	-	-	0%
02-03-5180-100	Misc Expense - COVID-19	-	$ -	-	0%		-	0%
02-03-5260-000	Engineering Expense	1,250	$ 115	1,135	9%	1,250	-	100%
02-03-5300-000	Training	500	$ -	500	0%	500	-	100%
02-03-5310-000	Operator Certifications-Educ	800	$ -	800	0%	800	-	100%
02-03-5320-000	Conferences & Seminars	3,375	$ 1,080	2,295	32%	3,375	-	100%
02-03-5311-000	Tuition Reimbursement	1,000	$ -	1,000	0%	1,000	-	100%
02-03-5355-000	Memberships/Subscriptions	1,300	$ 83	1,217	6%	1,300	-	100%
02-03-5350-000	Misc Administration	250	$ -	250	0%	250	-	100%
Gen'l and Admin Expenses		**$ 409,225**	**$ 4,699**	**$ 404,276**	**1%**	**$ 448,475**	**$ (39,250)**	**110%**
Collection System Expense								
02-03-5621-000	Sewer Flow Monitoring Expense	$ 19,000	$ 3,430	$ 15,570	18%	19,000	$ -	100%
02-03-5410-000	Backflow Expense	$ 250						
Collection System Expense		**$ 19,250**	**$ 3,430**	**$ 15,570**	**18%**	**$ 19,000**	**$ -**	**99%**
Engineering - Wastewater								

Crescenta Valley Water District
Wastewater Budget Variance Report
Engineering - As of September 30, 2022 (25% of Year)

GL#	Description	Annual Budget	1st Quarter Actual	Remaining Annual Budget	% of Total Budget
Totals		$ 715,609	$ 58,246	$ 656,863	8%

Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
$ 692,673	$ 22,686	97%

Crescenta Valley Water District
Wastewater Budget Variance Report
Regulatory - As of September 30, 2022 (25% of Year)

		1st Quarter Actuals				Management Estimate		
GL#	**Description**	**Annual Budget**	**1st Quarter Actual**	**Remaining Annual Budget**	**% of Total Budget**	**Projected Year-End Expense**	**Projected Remaining Budget**	``
Compensation and Benefits								
02-04-5000-300	Administrative Service - Labor	$ 42,879	$ 8,309	$ 34,570	19%	$ 35,000	$ 7,879	82%
02-04-5045-000	Automobile Allowance	1,500	$ 450	1,050	30%	1,500	-	100%
02-04-5050-000	Employer Portion of PERS	9,363	$ 837	8,526	9%	9,400	(37)	100%
02-04-5060-000	Taxes-Payroll	5,652	$ 640	5,012	11%	2,500	3,152	44%
02-04-5070-000	Sick Leave/Vacation	3,416	$ 1,118	2,298	33%	6,000	(2,584)	176%
02-04-5080-000	Health Dental Vision	8,968	$ 2,062	6,906	23%	9,500	(532)	106%
02-04-5082-000	Life and Disability Insurance	648	$ 94	554	15%	378	270	58%
02-04-5083-000	Self Insurance	1,200	$ 866	334	72%	1,296	(96)	108%
02-04-5084-000	Wellness Program	120	$ -	120	0%	-	120	0%
02-04-5085-000	Workers' Compensation Ins	387	$ 147	240	38%	420	(33)	109%
Compensation and Benefits		**$ 74,133**	**$ 14,523**	**$ 59,610**	**20%**	**$ 65,994**	**$ 8,139**	**89%**
Gen'l and Admin Expenses								
02-04-5130-000	Administrative Consultants	$ 27,500	$ 30	$ 27,470	0%	$ 10,000	$ 17,500	36%
02-04-5135-000	Interns	$ -	$ -	$ -	0%	$ 5,720	$ (5,720)	0%
02-04-5180-000	Office Supplies & Misc Expense	500	$ -	500	0%	$ 500	$ -	100%
02-04-5320-000	Conferences & Seminars	625	$ -	625	0%	$ 625	$ -	100%
02-04-5355-000	Memberships/Subscriptions	750	$ -	750	0%	$ 705		
Gen'l and Admin Expenses		**$ 29,375**	**$ 30**	**$ 27,970**	**0%**	**$ 17,550**	**$ 11,780**	**60%**
Regulatory - Wastewater								
Totals		**$ 103,508**	**$ 14,553**	**$ 87,580**	**14%**	**$ 83,544**	**$ 19,919**	**81%**

Crescenta Valley Water District
Wastewater Budget Variance Report
Technology - As of September 30, 2022 (25% of Year)

GL#	Description	Annual Budget	1st Quarter Actuals: 1st Quarter Actual	1st Quarter Actuals: Remaining Annual Budget	% of Total Budget	Management Estimate: Projected Year-End Expense	Management Estimate: Projected Remaining Budget	% of Total Budget
Gen'l and Admin Expenses								
02-05-5130-000	Administrative Consultants	$ 21,345	$ -	$ 21,345	0%	$ 21,000	$ 345	98%
02-05-5180-000	Office Supplies & Misc Expense	-	$ -	-	0%	-	-	0%
02-05-5190-000	Computers and Network	-	$ -	-	0%	5,000	(5,000)	0%
02-05-5195-000	Computer Software	18,974	$ 12,499	6,475	66%	20,000	(1,026)	105%
02-05-5225-000	Enterprise Voice Com	3,875	$ 2,013	1,862	52%	7,400	(3,525)	191%
02-05-5226-000	Wireless Voice & Data	8,750	$ 959	7,791	11%	4,000	4,750	46%
02-05-5227-000	Data Communications - Fiber	5,500	$ 1,917	3,583	35%	7,500	(2,000)	136%
Gen'l and Admin Expenses		**$ 58,444**	**$ 17,388**	**$ 41,056**	**30%**	**$ 64,900**	**$ (6,456)**	**111%**
Operation Expense								
02-05-5445-100	Telemetering & Signal System	$ -	$ -	$ -	0%	$ -	$ -	0%
02-05-5445-200	SCADA Hardware	-	$ 2,150	(2,150)	0%	2,150	(2,150)	0%
02-05-5445-300	SCADA Software	-	$ -	-	0%	-	-	0%
02-05-5445-400	SCADA Phone Lines	-	$ -	-	0%	-	-	0%
Operation Expense		**$ -**	**$ 2,150**	**$ (2,150)**	**0%**	**$ 2,150**	**$ (2,150)**	**0%**
Technology - Wastewater								
Total Expense		**$ 58,444**	**$ 19,538**	**$ 38,906**	**33%**	**$ 67,050**	**$ (8,606)**	**115%**

Crescenta Valley Water District
Wastewater Budget Variance Report
Administration - As of September 30, 2022 (25% of Year)

GL#	Description	Annual Budget	1st Quarter Actual	Remaining Annual Budget	% of Total Budget	Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
			1st Quarter Actuals			Management Estimate		
Compensation and Benefits								
02-06-5000-200	Officer Salaries	$ 228,423	$ 59,184	$ 169,239	26%	$ 230,000	$ (1,577)	101%
02-06-5000-300	Administrative Service - Labor	164,790	$ 42,856	121,934	26%	172,000	(7,210)	104%
02-06-5000-310	Administrative Service - OT	6,000	$ 3,028	2,972	50%	6,300	(300)	105%
02-06-5045-000	Automobile Allowance	5,400	$ 1,875	3,525	35%	5,400	-	100%
02-06-5047-000	Phone Allowance	806	$ 441	365	55%	700	106	87%
02-06-5050-000	Employer Portion of PERS	169,635	$ 44,979	124,656	27%	185,000	(15,365)	109%
02-06-5060-000	Taxes-Payroll	25,045	$ 7,776	17,269	31%	25,000	45	100%
02-06-5070-000	Sick Leave/Vacation	17,172	$ 11,377	5,795	66%	29,000	(11,828)	169%
02-06-5080-000	Health Dental Vision	55,849	$ 10,113	45,736	18%	55,000	849	98%
02-06-5080-100	Retiree Health Care Expense	96,528	$ -	96,528	0%	96,528	-	100%
02-06-5082-000	Life and Disability Insurance	1,993	$ 417	1,576	21%	2,100	(107)	105%
02-06-5083-000	Self Insurance	6,000	$ 331	5,669	6%	6,000	-	100%
02-06-5084-000	Wellness Program	1,480	$ 126	1,354	9%	1,720	(240)	116%
02-06-5085-000	Workers' Compensation Ins	2,626	$ 1,073	1,553	41%	3,000	(374)	114%
Compensation and Benefits		**$ 781,747**	**$ 183,576**	**$ 598,171**	**23%**	**$ 817,748**	**$ (36,001)**	**105%**

Crescenta Valley Water District
Wastewater Budget Variance Report
Administration - As of September 30, 2022 (25% of Year)

GL#	Description	Annual Budget	1st Quarter Actual	Remaining Annual Budget	% of Total Budget	Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
Gen'l and Admin Expenses								
02-06-5090-000	GL, Property, Fidelity Ins	$ 85,083	$ 19,746	$ 65,337	23%	$ 95,000	$ (9,917)	112%
02-06-5100-000	Accounting	10,250	$ 3,055	7,195	30%	11,000	(750)	107%
02-06-5125-000	Legal	51,500	$ 5,500	46,000	11%	50,000	1,500	97%
02-06-5130-000	Administrative Consultants	6,550	$ 2,306	4,244	35%	7,800	(1,250)	119%
02-06-5150-000	Building Maintenance	2,388	$ 706	1,682	30%	2,388	-	100%
02-06-5170-000	Landscaping Expense	3,066	$ 441	2,625	14%	3,066	-	100%
02-06-5180-000	Office Supplies & Misc Expense	4,200	$ 836	3,364	20%	4,000	200	95%
02-06-5180-100	Misc Expense - COVID-19	713	$ -	713	0%	500	213	70%
02-06-5200-000	Utilities	7,385	$ 706	6,679	10%	7,000	385	95%
02-06-5230-000	Printing Postage Stationery	31,820	$ 6,485	25,335	20%	33,000	(1,180)	104%
02-06-5300-000	Training	1,375	$ 209	1,166	15%	1,500	(125)	109%
02-06-5310-000	Certifications-Educ	374	$ -	374	0%			
02-06-5311-000	Tuition Reimbursement	-	$ -	-	0%	-		
02-06-5320-000	Conferences & Seminars	1,751	$ 549	1,202	31%	1,700	51	97%
02-06-5350-000	Misc Administration	2,401	$ 2,935	(534)	122%	2,401	-	100%
02-06-5355-000	Memberships/Subscriptions	6,300	$ -	6,300	0%	6,000	300	95%
02-06-5365-000	Bank Charges	30,000	$ 8,677	21,323	29%	30,000	-	100%
Gen'l and Admin Expenses		**$ 245,156**	**$ 52,151**	**$ 193,005**	**21%**	**$ 255,355**	**$ (10,573)**	**104%**
Non-Operating Expense								
02-06-5920-100	Rental Expenses - PA House	$ 450	$ -	$ 450	0%	$ 450	$ -	100%
02-06-5920-200	Rental Expenses - Sycamore	450	$ -	450	0%	450	-	100%
02-06-5920-300	Rental Expenses - Mills	450	$ 52	398	12%	450	-	100%
Non-Operating Expense		**$ 1,350**	**$ 52**	**$ 1,298**	**4%**	**$ 1,350**	**$ -**	**100%**
Operation Expense								
02-06-5145-000	Taxes-Property	$ 5,255	$ -	$ 5,255	0%	$ 5,152	$ 103	98%
Operation Expense		**$ 5,255**	**$ -**	**$ 5,255**	**0%**	**$ 5,152**	**$ 103**	**98%**
Administration - Wastewater								
Total Expense		**$ 1,033,508**	**$ 235,779**	**$ 797,729**	**23%**	**$ 1,079,605**	**$ (46,471)**	**104%**

Past, Present and Future of Water in the Crescenta Valley


This 500-foot long hand-cut tunnel was dug around 1900 by local workers to access what was likely an existing spring. The bottom of the tunnel is laid with clay pipe to allow the water to flow out and be collected by CVWD. Photos by Charly SHELTON

During its tour, the CVWD reviewed the history of water in the Valley and shared some possible future insights.

By Charly SHELTON

The Crescenta Valley is shaped by water. In a physical sense by the erosion of the mountains by rain, in a cultural sense by the ever-present reminders and memorials of major floods from the 1930s and, more recently, in the 2010s after the Station Fire. In a more basic sense, the settlement here was established around multiple wells and natural springs that flow from the mountain. Water in Southern California is the most precious resource and one that is dwindling as we face the coming aridification of the West.

Last week, the Crescenta Valley Water District, in conjunction with the Historical Society of the Crescenta Valley, led a tour of several of its reservoir sites and wells to talk about the past, present and future of water in the Crescenta Valley. Led by David Gould, director of Engineering and Operations for CVWD, the tour consisted of multiple locations across CVWD's properties in the area, which are usually behind locked fences.

David Gould stands in front of a large reservoir tank at Eagle Canyon reservoir site, which holds 1.5 million gallons of water.

In looking to the past, guests were taken to Pickens Canyon to see a rock tunnel that was cut by hand 500 feet into the mountainside more than 100 years ago. This tunnel leads to a natural spring deep within the rock that is a source of approximately 30,000 gallons of water each day for the CVWD. The water is retrieved from the spring and held in the on-site reservoir tank for distribution to local homes. One home in particular has grandfathered-in rights to the spring and owns 1/12th of the water rights from it so their water is taken directly from the spring and stored in a privately-owned tank for personal use.

For the present, Gould detailed all of the protections put in place to keep the water flowing in case of a natural disaster. These include rubber joints on pipes that flex with an earthquake and seismic sensors on reservoir tanks for shutting off flow in the event of shaking. And beyond natural disasters, the modern conveniences of computer monitoring from the office or from home make it quick and easy to check on water flow levels, cleanliness standards and more. Back in the 1930s, right after the Glenwood Well was drilled at the site of a lake, the operators needed to live on-site to work the machinery and monitor it around the clock. When the larger facility was built in 1972, the houses of the workers were removed to accommodate the facility and, gradually, the off-site monitoring equipment was installed.

Looking to the future, Gould detailed a new project in the works at Crescenta Valley Park. In the Verdugo Wash, an estimated 500 acre feet of water flows through on low-flow days when there is a drizzle, fog or light rain. The suggested project will see inflatable dams installed inside the wash which, during low-flow days, will expand to catch and divert the flow into an infiltration gallery beneath Crescenta Valley Park's play area and baseball field. This will help to recapture the water into the groundwater basin rather than sending it out through the drains to the ocean. Then, during storms or other high-flow events that have more water than can be absorbed by the gallery, the dams will be deflated to allow the excess water to drain off and keep the flood risk low. Above the infiltration gallery, on the surface of the project area once it is completed, Gould suggests a native garden in the empty spaces around the play area, as well as turning the lower part of Dunsmore Avenue into a green street to allow the rain to seep through the pavement and be recaptured. This project has been in the works for the last 10 years, and the District is currently seeking the proper funding sources for this $4 million project.

This hatch protects the entrance to the tunnel and is only opened by CVWD personnel to check on the spring and perform maintenance.

This hatch protects the entrance to the tunnel and is only opened by CVWD personnel to check on the spring and perform maintenance.

“However,” Gould said, “what we’re trying to find are partners. The park is owned by LA County Parks and Rec. The streets are owned by the City of Glendale. So we’re trying to work with them and partner them together. And the City of Los Angeles says [it has] rights to all of this water. So right now those are three things that are going on within the park that we’re trying to battle. It’s going a little slower than I’d like it to go, but we’re trying to get it going anyway. This would be a perfect area.”

A recording of this CVWD/HSCV has been made and will soon be available on the CVWD website for any interested residents to view.



RAIDERS

Past, Present and Future of Water in the Crescenta Valley added by CV Weekly on October 27, 2022

CRESCENTA VALLEY WATER DISTRICT

General Manager Report

GM Report
November 8, 2022

To: Honorable President and Members of the Board of Directors
From: Nem Ochoa, General Manager
Subject: **General Manager Report**

General Managers Report Topics:

- GM Activities

The following are some highlights in this month's report:

- Halloween Festivities
- Veterans Day Tribute
- CVWD Canned Food Drive
- CVWD/LifeStream Blood Drive
- Montrose Christmas Parade
- AMI/Customer Usage Trending
- Water Conservation & Public Outreach
- Maintenance & Operations Report
- Water Production, Hydrology Report & Engineering Reports

STAFFING

As of November 3rd, the District has gone 296 days without a lost time accident.

GENERAL MANAGER ACTIVITIES

Meetings:

CVWD Halloween Festivities	- October 27th
Management Staff Meetings	- October 31st, November 7th
Finance Committee Meeting	- November 3rd

Submitted by:

Nem Ochoa
General Manager

CRESCENTA VALLEY WATER DISTRICT
BOARD OF DIRECTORS - STAFF REPORT

November 8, 2022

Staff Report

To: Honorable President and Members of the Board of Directors

From: Christy J. Colby

Subject: **Water Conservation and Public Outreach Update**

<u>Monitoring Report Submitted to State for October 2022:</u>

Production Numbers

➤ Total Water Production October 2022:	334.2 AF
➤ Total Water Production October 2013:	422.9 AF
➤ Total Water Production October 2021:	332.2 AF
➤ Total Water Production October 2020:	391.9 AF

Compliance Reporting

➤ Days of outdoor Irrigation Allowed:	2
➤ Number of Water Waste Complaints:	2
➤ Number of Follow-ups:	2
➤ Number of Warnings:	1
➤ Number of Penalties:	0

Voluntary Water Reduction Goal: 20% from 2020 Usage

➤ Percent Reduction from 2013	21.0 %
➤ Percent Reduction from 2021	-0.6 %
➤ Percent Reduction from 2020	14.7 %

<u>Public Outreach for October 2022</u>

- ➤ Face Book Posts, 4 Most popular post, Imagine a day without water (First Post)
- ➤ CV Weekly
  - 1 Article- on the historical society tour
- ➤ Website
  - 3,091 total website visits, back to normal
  - Large increase of hits on the 2022 District Election page and Director Bodnar's and Director Erickson's profiles
- ➤ Constant Contact and Everbridge – no messages
- ➤ Public Outreach Events
  - Activity with Crescenta Valley Elementary School Gardening Club
  - Presentation review for La Canada Middle School Robotics Club

Field Maintenance and Operations Report
October 2022

0 Water Main Repairs

20 Water Service
10 Repairs/ 10 Replacements

0 After Hours Leaks/Repairs

31,090’ Sewer Maintenance
Clean: 27,115’, Inspect: 3,975’, Reports: 15

- **Field Maintenance Projects**
  * Developer Job:
    - D-22-89: 3011 Frances – 2” service
- **Operations Report**
  * Rosemont Reservoir – Altitude & release valve service
  * Glenwood – chlorination equipment maintenance
  * Mills – leak repair
- **Electrical/Telemetry**
  * E-939 - Glenwood & Encinal – On-site testing with Apex
  * MCC Maintenance – Oak Creek & Eagle Canyon
  * La Granada Lift Station – Assisted with starting capacitor install
  * Unit #35 – Cooling Service & battery replacement

Wastewater

* Lift Station visits: 4 (De-rag pumps, check valves & add degreaser)
* Lift Station: Pump #1 down – Repaired & replaced starting capacitor

Field Maintenance and Operations Report
October 2022

Days without a lost-time incident: 293

310 Water Quality Samples

113 Valves
Replace: 1, Exercise: 112

45 Fire Hydrant Maintenance
Rebuild: 3, Replace: 0, Inspect: 42

2 Water Meter Replacement
¾”: 0, 1”: 0, 1.5”: 2, 2”: 0, 3”: 0, 4”: 0

- **Training/Cross Training**
  * Treatment/Production
    * Jonathan R.
  * Heavy Equipment Operations
    * David I.
  * Water Smart Conference
    * Kellen Boyce
- **New Certification**
  * None to report
- **Safety**
  * Glenwood Plant
    - The Great Shake Out Exercise

Engineering Report

November 8, 2022
Staff Report

To: Honorable President and Members of the Board of Directors

From: Brook Yared, M.S., P.E. – Engineering Manager

Subject: **Engineering Report – October 2022**

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1. Water Production Report

- October 1 – 31 – Water production – 54%/46% split – 109.2 MG for the month
- Average use 0.8% less than 2021 and 11.4% less than 5-yr average

2. Rainfall Update

- 0.12” for October 2022
- Rainfall Total for Rainfall Year 2022/23 – 0.12”, 87% below average

3. Report on Engineering

- **FY 22/23 Capital Improvement Project**
  - Project 1 – 2600 & 2700 Blocks of Orange Ave
    - 90% Design Review – September 26, 2022
    - Potholing – Week of November 14, 2022
  - Goss Canyon #1 Reservoir Rehabilitation
    - Pre-Bid Meeting – November 30, 2022
  - Conversion to Chloramination
    - Compiling Data
- **FY 21/22 Capital Improvement Projects**
  - FY 21/22 – Pipeline Replacement Program
    - Project 1 – 2800 to 3100 Blocks of Los Olivos
      - Complete
    - Project 2 – 4700 & 4800 Blocks of Cheryl
      - Customers Being Connected to New Main
      - Completion Date – December 9, 2022
  - Wastewater Master Plan – Calibrating Hydraulic Model
  - Ramsdell Mixing Station/Pressure Reducing Station – On Hold
  - Well 9 Rehabilitation – No Report
  - Booster Pump 26 at Cresta Heights Rehabilitation – See Memo
- **FY 20/21 Capital Improvement Projects**
  - Emergency Generator at Sewer Lift Station
    - Under Construction
    - Completion – December 9, 2022
- **Grant Program**
  - Water Recycling Grant – See Memo
  - Cal OES – New emergency generators and seismic feasibility study – submitted on 4/8/22
  - USBR Small-Scale Water Efficiency Grant 2022 – 1-½-inch Meters submitted on 4/28/22
  - USBR Small-Scale Water Efficiency Grant 2020 – 3” & 4” Meters – In Progress
  - Stormwater Capture Project at Crescenta Valley County Park – No Report
- **AMI Customer Engagement Portal**
  - Phase 2 – Completed layout for customer engagement portal
  - Working on including a pdf of Customer’s bills in Portal

- **<u>Replacement of Supervisory Control and Data Acquisition (SCADA) System</u>**
  - Project Schedule – April 2022 to October 2023
  - APEX – Programing & Integration
  - Sites Completed (9 sites)
    - Wells 5, 7, 8, 9, 11, 14 & 16
    - Ramsdell Mixing Station
    - Glendale/CVWD Interconnection
  - Sites Pending Integration (2022)
    - Glenwood Plant with Wells 6, 10, 12 & 15 – November 2022
    - Encinal Reservoir – December 2022
    - Mills Plant with Well 1 – January 2023

4. <u>Developer Projects</u>

- 3037/3043 Foothill – New 38 Units and mixed commercial – Establishing Special Contract
- D-21-G2 – Complete – Reimbursement Claim 3 Sent
- 2341 Mira Vista – New 4 Units – Reconciliation and Transfer of Ownership
- 4360 Ocean View – 3 Units upgraded to 7 units – Plan Check
- 2201 Honolulu – New 4" water main – Contractor Experience Under Review
- Waiting on Developer
  - 1961 Waltonia – New 6 units
  - 4521 Briggs/2413 Foothill – New 70 units
  - 3900 Park Place – New 28 units
  - 2345 Mira Vista – New 4 units
  - 2434 Foothill – 31 New Units

5. <u>FMWD</u> – Construction – Re-coating La Crescenta Reservoirs – one reservoir complete

6. <u>Supply Chain Issues</u> – Update

CRESCENTA VALLEY WATER DISTRICT

WATER PRODUCTION REPORT

October 1 - October 31, 2022

Well Production:	52,596,316	Gals		
GWP Production:	4,536,000	Gals		
Gravity Production:	1,283,382	Gals	% GW	54%
FMWD:	50,747,364	Gals		
City of Glendale:	0	Gals	% Import	46%
TOTAL:	109,163,062	Gals		
	335.01	ac-ft		
Glenwood Nitrate Water Reclamation Plant:*	0	*Included in Well Production		

WATER DEMAND COMPARISON

Time Period	Average Daily Usage (gals)	Current Period Change
October 1 - October 31, 2022	3,377,326	
October 1 - October 31, 2021	3,405,405	-0.8%
5-yr Average - October 2017 - 2021	3,813,607	-11.4%

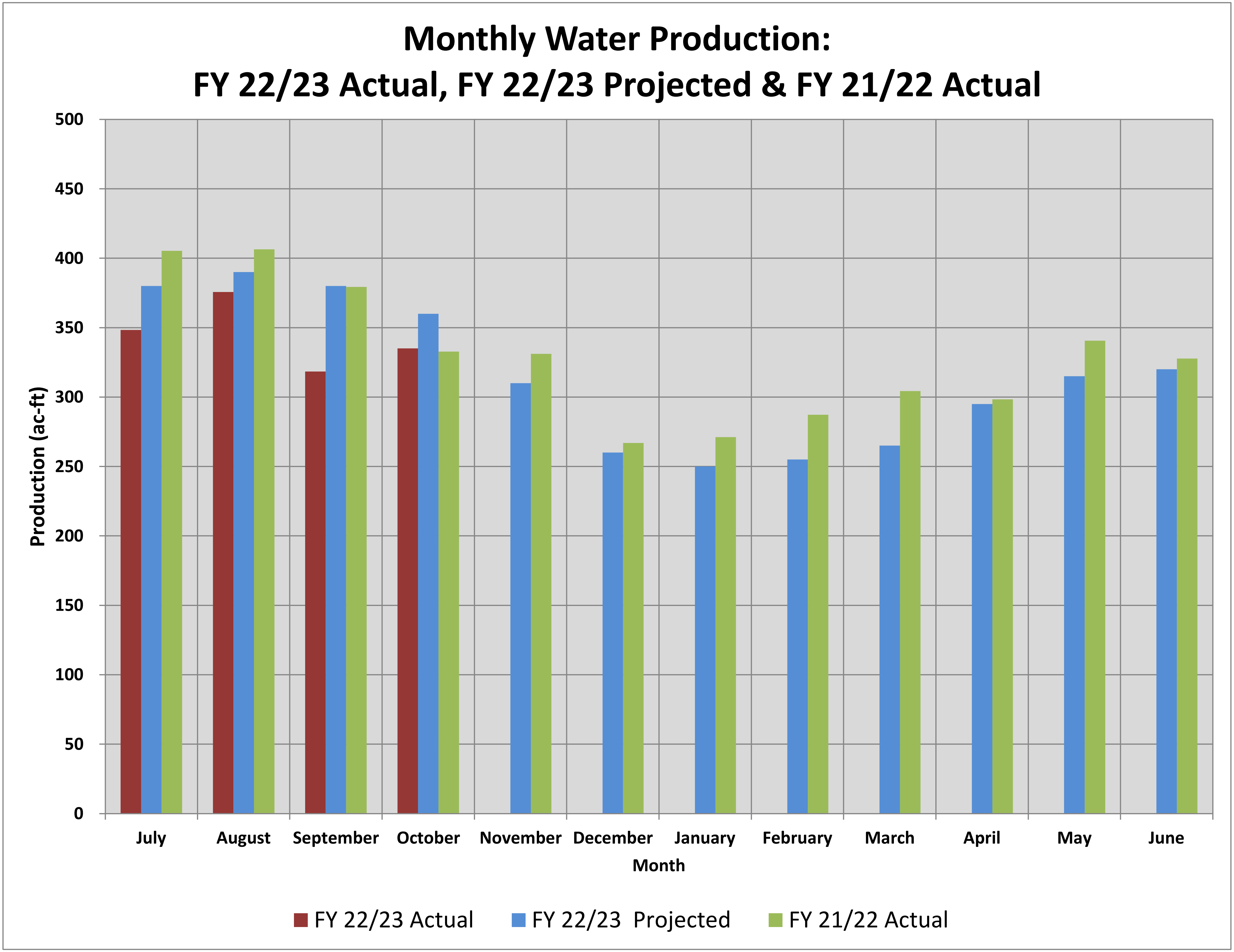
RAINFALL: Oct. 1 - Oct. 31, 2022 0.12"

Season-To-Date: 0.12"

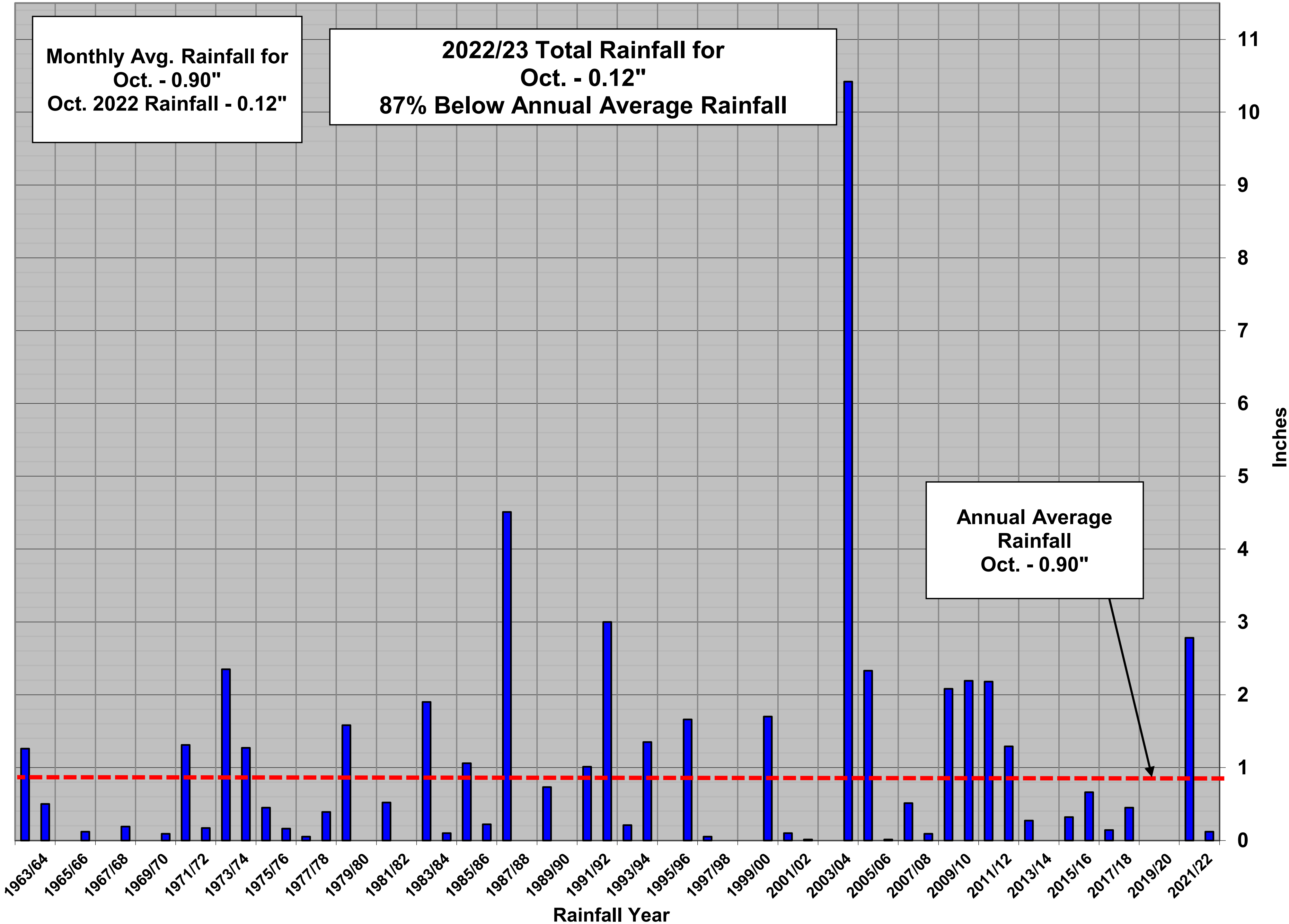
2022/23 Fiscal Year Water Production			WY 22/23 - Groundwater Production Water Rights		GWP (Well 16) Water Production - 2022		Purchased Water Production Tier 2 Allocation 2022	
Month	Actual Total Water Production (ac-ft)	Projected Total Water Production (ac-ft)	Month	Month	Month	Well Production (ac-ft)	Month	Imported Water Production (ac-ft)
July	348	380	October	165	January	16	January	101
August	376	390	November		February	13	February	122
September	318	380	December		March	15	March	121
October	335	360	January		April	15	April	120
November		310	February		May	15	May	154
December		260	March		June	14	June	148
January		250	April		July	14	July	164
February		255	May		August	14	August	191
March		265	June		September	14	September	143
April		295	July		October	14	October	156
May		315	August		November		November	
June		320	September		December		December	
Total to Date	1,377	1,510	Total to Date	165	Total to Date	143	Total to Date	1,420
Projected	3,647	3,780	Water Rights	3,294			Tier 2	2,154
% of Projected	36.4%	39.9%	% of Rights	5%			% of Allocation	66%
Remaining	2,403	2,270	Remaining	3,129			Remaining	734

NOTE:

1) Blue Numbers = Estimated Water Production


Monthly Water Production:
FY 22/23 Actual, FY 22/23 Projected & FY 21/22 Actual
Production (ac-ft)
500
450
400
350
300
250
200
150
100
50
0
July
August
September
October
November
December
January
February
March
April
May
June
Month
FY 22/23 Actual
FY 22/23 Projected
FY 21/22 Actual

Monthly Rainfall - 1963/64 - 2022/23 (Oct. 1 - Oct. 31)



Revised Date: 11/2/2022