

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, February 8, 2022, at 7:00 p.m.

Posted: Friday, February 4, 2022, at 2:30 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: 832 7303 0010

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/83273030010>

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 February 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 Regular Board Meeting on January 25, 2022.
2. 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. **Acceptance of Audited Financial Statements for FY 2020-21** – Consideration and motion to accept the Audited Financial Statements for Fiscal Year 2020-21.
2. **FY 2021-22 Second Quarter Budget Report** – Discuss the District's Second Quarter Budget Report on revenues and expenditures for the fiscal year ending June 30, 2022.
3. **Installation of a New Fire Service for Clark Magnet High School, Project D-21-G2**
Consideration and motion to authorize the General Manager to advertise for bids for the installation of a New Fire Service for Clark Magnet High School on Cloudsdale Ave. with an engineer's estimate of \$151,000 and to find said project exempt from the provisions of the California Environmental Quality Act (CEQA).
4. **Update on FMWD Proposed Redistricting**

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 - none

Adjournment

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CRESCENTA VALLEY WATER DISTRICT

ADJOURNED REGULAR MEETING, BOARD OF DIRECTORS

January 25, 2022

Pursuant to the order of the Board of Directors of the Crescenta Valley Water District made at the Regular Meeting on January 11, 2022, an Adjourned Regular Meeting was held on January 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: **Thomas Bunn**

General Manager: **Nem Ochoa**

Director of Finance & Administration: **James Lee**

Director of Operations & Engineering: **David Gould**

Staff Members:
Brook Yared, Engineering Manager
Arturo Montes, Finance & Administration Manager
Christy Colby, Regulatory & Public Affairs Manager
Darlene Telles, Operations & Maintenance Manager
Kellen Boyce, System & Operations Manager
Tessa Allmon, Customer Service Representative
Adam Sutphin, Analyst
Pam Leddy, Administrative Assistant

Guests:
Steven Aintablian, Crescenta Valley High School
Jacob Batterson, Crescenta Valley High School
Vela Benedicto, Crescenta Valley High School
Haley Kim, Crescenta Valley High School
Isabella Torres, Crescenta Valley High School
Elsa Sham, Lagerlof, LLP

PLEDGE OF ALLEGIANCE

Director Erickson opened the meeting by leading the Directors and staff in reciting the Pledge of Allegiance.

ADOPTION OF AGENDA

It was moved by Director Erickson, seconded by Director Raghavachary, and carried by a 5-0 roll call vote that the Agenda for the Adjourned Regular Meeting of January 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 – No report

CONSENT CALENDAR

It was moved by Director Tejeda, seconded by Director Raghavachary, and carried by a 5-0 roll call vote to approve the Minutes of the Regular Board Meeting held on January 11, 2022, through audio and video conference, ratify the disbursements for December 2021 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.

Payment of demands against the Crescenta Valley Water District on or before December 2021, the same having been approved by the General Manager, and heretofore paid, are to be ratified and approved subject to audit, in the aggregate sum of One Million, One-Hundred Seventy-Six Thousand, Eight-Hundred Fifty-Three Dollars and Twenty-Eight Cents (1,176,853.28), which is composed of the individual items set forth herein.

AYES: Director Bodnar
Director Erickson
Director Putnam
Director Raghavachary
Director Tejeda

NOES: None

ACTION CALENDAR

Presentation of High School Student Career Development and Leadership Program Scholarships – Mr. Ochoa introduced the six (6) high school students who participated in the CVWD High School Career Development and Leadership Program. Mr. Ochoa congratulated each of the students for the completion of 80 hours of educational time and assignments. Mr. Ochoa awarded each of the students with a certificate of completion of the scholarship program. Mr. Ochoa presented a Public Service Announcement video that was written, produced, composed, and narrated and acted by the students.

Nomination for LAFCO Special District Voting Member – Mr. Ochoa requested consideration by the Board to support Director Raghavachary for nomination to the office of LAFCO Special District Voting Member.

Following discussion:

It was moved by Director Bodnar, seconded by Director Tejeda, and carried by 5-0 roll call vote to authorize the nomination of Sharon S. Raghavachary for the office of LAFCO Special District Voting Member.

AYES: **Director Bodnar**
 Director Erickson
 Director Putnam
 Director Raghavachary
 Director Tejeda

NOES: **None**

INFORMATION ITEMS – None

WRITTEN COMMUNICATIONS TO DISTRICT – None

REPORTS OF PERSONNEL – No report

GENERAL MANAGER – Mr. Boyce reported on wind damage and emergency repairs made by staff over the weekend. Ms. Telles provided highlights of the December 2021 Field Maintenance and Operations Report. Mr. Lee reported on revenues and operating expenses, and highlighted customer service activity for the month of December 2021.

ATTORNEY – No report

REPORTS OF PERSONNEL – None

REPORTS OF COMMITTEES

Engineering Committee – Director Raghavachary reported that the Committee had met on January 25, 2022. An audio/video conference meeting will be scheduled as needed.

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

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

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

Technology Committee – Director Erickson 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 not met; however, an audio/video conference meeting will be scheduled as needed.

DIRECTORS' ORAL REPORTS

Director Raghavachary – Requested staff to contact the principals at Crescenta Valley High School and Clark Magnet School to promote the students who participated in the High School Career Development and Leadership Program.

Director Bodnar – Notified the Board members that Form 700 will be due April 1, 2022. Director Bodnar offered information to a free ethics training webinar on the FPPC website.

Director Erickson – Informed staff that LADWP reported on the projected road improvements in the La Crescenta area at the Crescenta Valley Town Council meeting that he attended on February 20, 2021. Director Erickson reported that West Basin Municipal Water District is involved in a class action lawsuit regarding the legality of assessment or stand by charges to their customers.

Director Putnam – No report

Director Tejeda – No report

BOARD MEMBERS' REQUESTS FOR FUTURE AGENDA ITEMS – None

CLOSED SESSION – None

ADJOURNMENT

There being no other business to come before the Board, at 7:57 p.m., the meeting was adjourned to February 8, 2022, at 7:00 p.m.

APPROVED

James D. Bodnar
President

James Lee
Director of Finance & Administration

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
February 8, 2022

To: Honorable President and Members of the Board of Directors
From: James Lee – Director of Finance and Administration
Subject: **Acceptance of Audited Financial Statements**

ACTION ITEM:

Consideration and motion to accept the Audited Financial Statements for Fiscal Year 2020-21.

BACKGROUND:

The use of an independent audit firm to review the District's financial statements is required and is also a key factor in the District's commitment to transparency and accountability. Audited financial statements ensure that the District's financial position is accurately stated and that the District's internal controls are working appropriately. Additionally, they are required for disclosure to the District's creditors. The Board has hired Clifton Larson Allen (CLA) as the District's auditors. Although staff provides the auditors with the information they need, CLA reports to and takes direction from the Board of Directors.

The highest opinion an auditor can confer is that the financial statements present fairly, in all material aspects, the financial position of the District. CLA will share this opinion with the Finance Committee, in addition to the process used to perform the audit.

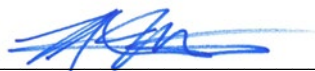
Fiscal responsibility and efficient use of public funds is of utmost importance to the Board and staff. The constantly changing environment requires staff to adapt and modify its practices in order to continue efficient use of and safeguarding of public funds. Staff's goal is to provide accurate information in a timely manner to the Board and community.

Staff has provided a copy of the final draft of the report for review and approval. CLA will provide a short presentation and will be available as a resource related to the statements.

RECOMMENDATION

Staff recommends that the Board accept the Audited Financial Statements for Fiscal Year 2020-21.

Prepared by:



Arturo Montes
Finance & Administration Manager

Submitted by:



James Lee
Director of Finance & Administration

Attachment(s):

1. FY 2020-21 Audited Financial Statements

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 2
February 8, 2022

To: Honorable President and Members of the Board of Directors
From: James Lee – Director of Finance and Administration
Subject: FY 2021-22 Second Quarter Budget Report

ACTION ITEM:

Discuss the District's Second Quarter Budget Report on revenues and expenditures for the fiscal year ending June 30, 2022.

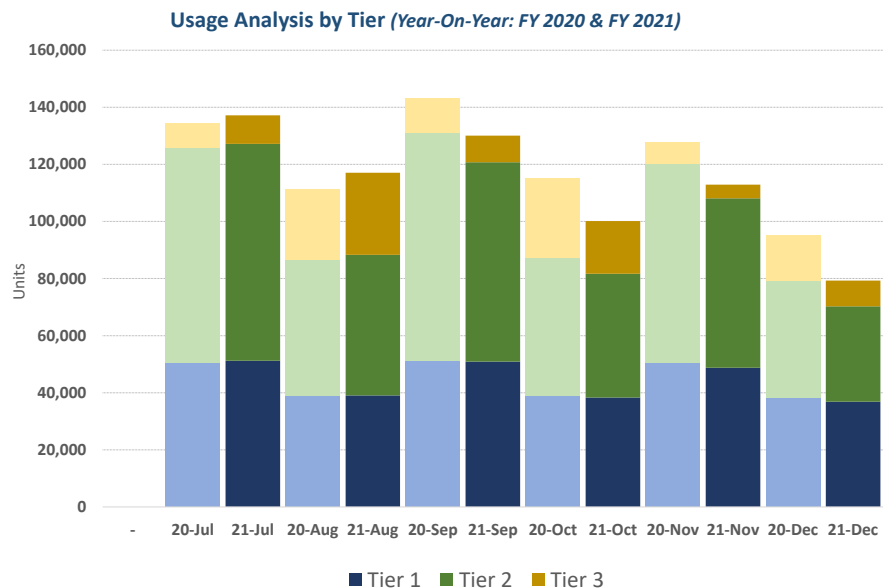
BACKGROUND:

The District has now passed the halfway 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 had tracked well with the budget for July and August and then fell off from September through December. Currently, the District is projected to collect 91% of budgeted water revenues, which leaves a \$1.2M revenue shortfall. With irrigation sales higher than expected, the revenue shortfall comes from residential customer classes. It is unclear whether the reduced consumption is due to above-average rainfall, conservation, or economic factors.

Staff developed an analysis comparing consumption by tier for the last fiscal year vs. the current fiscal year. The analysis is not conclusive, but it suggests that the reduced consumption is driven by conservation, as it coincides with conservation messaging due to the severe drought and precedes the above-average rainfall seen in November and December.



Staff will continue monitoring and reporting on consumption revenue, and there are still a number of warmer months remaining in the fiscal year.

Operating expenses are projected at \$274K less than budgeted, which would offset a portion of revenue losses. This is driven primarily by the reduced consumption and the associated reduction in Foothill and Glendale imported water purchases and the cost of pumping water.

The water fund had been budgeted to add \$132K to reserves. At this time, the water fund is expected to draw approximately \$944K from reserves by year end.

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
 - The Operations expense budget as a whole is projected to decrease by \$276K, and this is primarily driven by decreases in imported water purchases and power cost
 - Operator certifications expense is higher than budgeted due to an incentive for attaining higher certifications based on operational and regulatory needs that were identified
 - Safety and security expense is higher based on an identified need for updating safety harnesses for the system operators
 - Uniforms expense is lower based on cost savings from revisiting the terms of service
 - Nitrate plant expense is higher based on the additional cost associated with re-initiating service with the plant
 - Reservoir maintenance expense is higher based on the need for remediating items identified by the Department of Drinking Water
 - Meter maintenance and lateral leaks expenses vary significantly from budget, as these driven in large part by repair and operational needs as they arise
- Dept 3 – Engineering
 - Most Engineering line items are tracking under budget and are projected to be \$59K under budget
 - Administrative consultants expense is lower based on quotes lower than estimated for various initiatives including GIS, hydraulic modeling, and grant assistance
 - Training expense is higher based on a focus on professional development and succession planning
 - D-Job expense is higher. This is offset by revenue from developer activity as those expenses are billed to the developer
- Dept 4 – Regulatory and Public Outreach
 - The Regulatory and Public Outreach budget is tracking well overall
 - Water conservation rebates expense is lower based on not matching FMWD rebates
 - Community outreach expense is higher based on greater emphasis on messaging related to the drought and noticing of rates
 - Lab sampling expense is projected to track with the budget. Although the unit cost of testing has increased based on the District's preferred lab closing, lighter testing requirements earlier in the year offset the increased costs
- 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)

- Dept 6 – Administration
 - The Administration budget is tracking well overall
 - Administrative consultants expense is higher based on organizational consulting engaged following organizational transition last year. This cost is offset by the reduction in compensation expense in the Operations department
 - Miscellaneous expense for Covid is higher based on related safety measures persisting longer than anticipated

WASTEWATER FUND

The wastewater fund is tracking well with the budget, which was budgeted to draw \$817K from reserves by year-end. Revenues are consistent with budgeted, and the wastewater fund is currently projected to draw \$805K from reserves.

Wastewater treatment costs paid to the City of LA represent the majority of costs for the wastewater fund. Historically, the District has been assessed a reconciliation bill at the end of the fiscal year. While this possibility has been accounted for in the budget, the District cannot predict what the reconciliation bill will be.

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 \$47K above budget
 - Safety and security expense is higher based on identified needs for frayed or expired equipment such as for confined spaces and traffic delineation
- Dept 3 – Engineering
 - Most Engineering line items are tracking with the budget and are projected to be \$55K under budget
 - Administrative consultants expense is projected to meet the budget. The primary component of this budget was the Wastewater Master Plan. Although there were no bids for the project, staff is considering splitting the job into components and/or completing a portion of the report in-house and this item remains in the budget for the time being
- Dept 4 – Regulatory and Public Affairs
 - Most Regulatory and Public Affairs line items are tracking with the budget and are projected to be \$5K under budget
- Dept 5 – Technology

- Most Technology line items are tracking with the budget and are projected to be \$14K above budget
- Dept 6 – Administration
 - The Administration budget is tracking well overall and is projected to be \$23K above budget
 - Administrative consultants expense is higher based on organizational consulting engaged following organizational transition last year. This cost is offset by the reduction in compensation expense in the Operations department (this represents the wastewater counterpart to the note for the water fund, described above)
 - Miscellaneous expense for Covid is higher based on related safety measures persisting longer than anticipated (this represents the wastewater counterpart to the note for the water fund, described above)
 - Miscellaneous administration expense is higher due to an increased focus on internal and external programming such as the blood drive, canned food drive, and time capsule event

RECOMMENDATION

NA.

Prepared by:



Arturo Montes
Finance & Administration Manager

Submitted by:



James Lee
Director of Finance & Administration

Attachment(s):

1. Q2 Budget Report

SUMMARY

Crescenta Valley Water District Water Budget Variance Report Actuals as of December 31, 2021 (50% of Year)

Attachment

Q2

6 Month Actuals (50%)						
Description		Annual Budget		Actual	Remaining Annual Budget	% of Total Budget
Revenue						
	Water Sales - Fixed	\$ 3,294,481	\$ 1,588,872	\$ 1,705,609	48%	
	Water Sales - Metered	10,372,933	5,385,969	4,986,964	52%	
	Interest Income Water	200,000	-	200,000	0%	
	Other Income Water	180,600	58,465	122,135	32%	
	Construction Revenue	250,000	83,246	166,754	33%	
Revenue		\$ 14,298,014	\$ 7,116,552	\$ 7,181,462	50%	
Expenses						
	Labor & Benefits	\$ 3,157,035	\$ 1,425,830	\$ 1,731,205	45%	
	Imported Water (Foothill)	3,491,618	1,777,730	1,713,888	51%	
	Imported Water (Glendale)	80,868	27,746	53,122	34%	
	Power Cost	825,854	262,732	563,122	32%	
	Operating Cost	2,428,205	1,151,131	1,277,074	47%	
Expenses		\$ 9,983,580	\$ 4,645,169	\$ 5,338,410	47%	
Debt Service						
		\$ 581,000	\$ 581,000	\$ -	100%	
	Infrastructure	\$ 3,286,756	\$ 283,956	\$ 3,002,800	9%	
	***Bond Funded CIP	2,430,503	881,803	1,548,700	36%	
	Capital Outlays & Equip	315,000	81,747	233,253	26%	
	OPEB	-	-	-	0%	
Total CIP & OPEB		6,032,259	1,247,506	4,784,753	21%	
Net Revenue minus Expenses		131,678	1,524,680			

Management Estimate		
Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
\$ 3,175,000	\$ 119,481	96%
9,450,000	922,933	91%
100,000	100,000	50%
123,957	56,643	69%
215,000	35,000	86%
\$ 13,063,957	\$ 1,234,057	91%
\$ 3,044,523	\$ 112,511	96%
3,295,000	196,618	94%
64,900	15,968	80%
760,000	65,854	92%
2,545,411	(117,206)	105%
\$ 9,709,834	\$ 273,746	97%
\$ 581,000	\$ -	100%
\$ 3,517,214	(230,458)	107%
2,708,142	(277,639)	111%
200,000	115,000	63%
-	-	
\$ 6,425,356	\$ (393,097)	107%
(944,091)		

Crescenta Valley Water District Water Budget Variance Report Actuals as of December 31, 2021 (50% of Year)

2nd Quarter Actuals					
Description		Annual Budget	2nd Quarter Actual	Remaining Annual Budget	% of Total Budget
Revenue					
4010-000	Water Sales - Consumers	\$ 9,913,157	\$ 5,011,250	\$ 4,901,907	51%
4010-007	Irrigation	459,776	\$ 374,719	85,057	82%
4010-008	Water Sales- Service Charge	3,210,387	1,551,293	1,659,094	48.3%
4010-009	Water Sales - Fire Service	84,094	37,579	46,515	45%
4020-000	Water Sales - Others	75,000	15,497	59,503	21%
4110-000	Meter Installation/Hydrant	50,000	1,213	48,787	2%
4220-000	Water Systems Connect Fee	72,500	82,033	(9,533)	113%
4230-000	Other Income - Misc	10,000	1,638	8,362	16%
4230-010	Other Income - Flood Meters	-	-	-	0%
4230-020	Other Income - Applications	35,000	11,300	23,700	32%
4240-000	Interest Earned - Water	160,000	-	160,000	0%
4245-000	Interest Earned-2007 COPS	-	-	-	0%
4260-000	Unrealized Gain/Loss on Invest	-	-	-	0%
4265-000	Fair Value Adjustment	-	-	-	0%
4270-000	Gain/Loss on Sale of Assets	2,500	-	2,500	0%
4271-000	Gain/Loss Sale of Investments	40,000	-	40,000	0%
4275-001	Rental Income - PA House	11,400	5,640	5,760	49%
4275-002	Rental Income - Sycamore House	18,800	9,315	9,485	50%
4275-003	Rental Income - Mills House	30,400	15,075	15,325	50%
4280-000	MTBE Settlement	-	5,757	(5,757)	0%
4285-000	Grant Revenue - State	125,000	-	125,000	0%
4287-000	Capital Contributions - Local	-	-	-	0%
Revenue		\$ 14,298,014	\$ 7,122,309	\$ 7,175,705	50%

Management Estimate		
Projected Year-End Revenue	Projected Excess/ (Defecit)	% of Total Budget
\$ 8,800,000	\$ (1,113,157)	89%
650,000	190,224	141%
3,100,000	(110,387)	97%
75,000	(9,094)	89%
30,000	(45,000)	40%
50,000	-	100%
165,000	92,500	228%
5,000	(5,000)	50%
-	-	0%
22,600	(12,400)	65%
100,000	(60,000)	63%
-	-	0%
-	-	0%
-	-	0%
-	(2,500)	0%
-	(40,000)	0%
11,400	-	100%
18,800	-	100%
30,400	-	100%
5,757	5,757	0%
-	(125,000)	0%
-	-	0%
\$ 13,063,957	\$ (1,234,057)	91%

Crescenta Valley Water District
Water Budget Variance Report
Actuals as of December 31, 2021 (50% of Year)

2nd Quarter Actuals					
Description		Annual Budget	2nd Quarter Actual	Remaining Annual Budget	% of Total Budget
Compensation and Benefits					
5000-100	Director Fees	\$ 10,800	\$ 3,555	\$ 7,245	33%
5000-200	Officer Salaries	212,977	104,555	108,422	49%
5000-300	Administrative Service - Labor	489,898	230,418	259,480	47%
5000-310	Administrative Service - OT	6,750	2,366	4,384	35%
5000-350	Engineering Labor	311,984	149,719	162,265	48%
5000-360	Engineering Labor OT	7,500	210	7,290	3%
5000-400	Maintenance Labor	360,131	187,811	172,320	52%
5000-410	Maintenance Labor OT	47,250	16,071	31,179	34%
5000-500	System Operations	368,910	165,439	203,470	45%
5000-510	System Operations OT	18,000	6,450	11,550	36%
5000-800	Standby Pay	51,430	25,621	25,809	50%
5045-000	Automobile Allowance	10,200	5,100	5,100	50%
5047-000	Phone Allowance	4,464	504	3,960	11%
5050-000	Employer Portion of PERS	420,850	194,680	226,170	46%
5052-000	GASB 68 Adjustment - Water	-	-	-	0%
5052-001	GASB 75 Adjustment	-	-	-	0%
5060-000	Taxes-Payroll	140,167	66,534	73,633	47%
5070-000	Sick Leave/Vacation-Office	170,860	93,450	77,409	55%
5080-000	Health Dental Vision	317,041	146,083	170,958	46%
5080-055	Retiree Health Care Expense	-	-	-	0%
5080-100	Retiree Health Care Expense	144,792	-	144,792	0%
5082-000	Life and Disability Insurance	9,781	4,749	5,032	49%
5083-000	Self Insurance	14,400	3,737	10,663	26%
5084-000	Wellness Program	6,000	1,757	4,243	29%
5085-000	Workers' Compensation Ins	32,850	17,020	15,830	52%
Compensation and Benefits		\$ 3,157,035	\$ 1,425,830	\$ 1,731,205	45%

Management Estimate		
Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
\$ 10,100	\$ 700	94%
210,000	\$ 2,977	99%
460,841	\$ 29,057	94%
4,925	\$ 1,825	73%
300,000	\$ 11,984	96%
1,256	\$ 6,244	17%
375,622	\$ (15,491)	104%
32,143	\$ 15,107	68%
330,879	\$ 38,031	90%
12,900	\$ 5,100	72%
51,241	\$ 189	100%
10,200	\$ -	100%
1,440	\$ 3,024	32%
390,345	\$ 30,505	93%
-	\$ -	0%
-	\$ -	0%
137,762	\$ 2,405	98%
184,486	\$ (13,627)	108%
322,224	\$ (5,183)	102%
-	\$ -	0%
144,792	\$ -	100%
9,567	\$ 214	98%
14,400	\$ -	100%
6,000	\$ -	100%
33,400	\$ (550)	102%
\$ 3,044,523	\$ 112,511	96%

Crescenta Valley Water District
Water Budget Variance Report
Actuals as of December 31, 2021 (50% of Year)

Description		Annual Budget	2nd Quarter Actual	Remaining Annual Budget	% of Total Budget
Gen'l and Admin Expenses					
5090-000	GL, Property, Fidelity Ins	\$ 67,000	\$ 34,671	\$ 32,329	52%
5100-000	Accounting	9,750	4,794	4,956	49%
5125-000	Legal	133,500	45,986	87,514	34%
5130-000	Administrative Consultants	360,450	175,895	184,555	49%
5135-000	Interns	7,050	3,314	3,736	47%
5140-000	Election Expense	-	-	-	0%
5150-000	Building Maintenance-Office	38,287	6,770	31,516	18%
5160-000	Furniture & Fixtures Expense	-	-	-	0%
5170-000	Landscaping Expense	14,202	3,798	10,404	27%
5180-000	Office Supplies & Misc Expense	14,250	6,151	8,099	43%
5180-100	Misc Expense - COVID-19	5,375	3,338	2,038	62%
5190-000	Computers and Network	18,826	11,042	7,784	59%
5195-000	Computer Software	53,081	57,247	(4,166)	108%
5200-000	Utilities	34,749	15,102	19,647	43%
5225-000	Enterprise Voice Com	13,500	4,341	9,159	32%
5226-000	Wireless Voice & Data	14,070	9,574	4,496	68%
5227-000	Data Communications - Fiber	39,150	15,590	23,560	40%
5230-000	Printing Postage Stationery	32,500	18,945	13,555	58%
5240-000	Uncollectible Accounts	-	-	-	0%
5250-000	Water System Fees	65,000	53,225	11,775	82%
5260-000	Engineering Expense	3,750	1,183	2,567	32%
5300-000	Training-Office	14,925	6,861	8,064	46%
5311-000	Tuition Reimbursement	3,563	-	3,563	0%
5320-000	Conferences & Seminars	17,267	5,083	12,184	29%
5320-005	Conferences & Seminars-Board	-	-	-	0%
5350-000	Misc Administration	5,835	7,812	(1,977)	134%
5350-005	Misc Administration-Board	-	-	-	0%
5355-000	Memberships/Subscriptions	26,493	19,493	7,000	74%
5365-000	Bank Charges	30,000	13,376	16,624	45%
5270-000	Water Conservation Expense	15,000	6,865	8,135	46%
5270-400	Water Conservation Rebates	5,000	-	5,000	0%
5270-600	Community Outreach	35,000	25,078	9,922	72%
Gen'l and Admin Expenses		\$ 1,077,574	\$ 555,536	\$ 522,038	52%

Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
68,000	\$ (1,000)	101%
10,000	\$ (250)	103%
150,000	\$ (16,500)	112%
367,750	\$ (7,300)	102%
5,600	\$ 1,450	79%
-	\$ -	0%
22,500	\$ 15,787	59%
-	\$ -	0%
14,800	\$ (598)	104%
13,500	\$ 750	95%
5,750	\$ (375)	107%
20,000	\$ (1,174)	106%
60,000	\$ (6,919)	113%
33,813	\$ 937	97%
15,000	\$ (1,500)	111%
20,000	\$ (5,930)	142%
37,500	\$ 1,650	96%
33,000	\$ (500)	102%
-	\$ -	0%
65,000	\$ -	100%
1,875	\$ 1,875	50%
16,025	\$ (1,100)	107%
14,915	\$ 2,352	86%
-	\$ -	0%
8,470	\$ (2,635)	145%
-	\$ -	0%
25,875	\$ 618	98%
30,000	\$ -	100%
10,000	\$ 5,000	67%
-	\$ 5,000	0%
50,200	\$ (15,200)	143%
\$ 1,099,573	\$ (25,561)	102%

Crescenta Valley Water District
Water Budget Variance Report
Actuals as of December 31, 2021 (50% of Year)

Description		Annual Budget	2nd Quarter Actual	Remaining Annual Budget	% of Total Budget
Depreciation					
5800-000	Depreciation - Office	\$ -	\$ 27,093	\$ (27,093)	0%
5805-000	Depreciation-Pumping	-	249,058	(249,058)	0%
5810-000	Depreciation-Distribution	-	391,755	(391,755)	0%
5815-000	Depreciation-Nitrate Plant	-	72,935	(72,935)	0%
5820-000	Depreciation-Collection System	-	-	-	0%
Depreciation		\$ -	\$ 740,840	\$ (740,840)	0%
Non-Operating Expense					
5900-000	Amortization of Intangibles	-	-	-	0%
5900-001	Amortization of Inv Premium	-	-	-	0%
5900-002	Loan Costs	-	-	-	0%
5910-000	Interest Expense - Notes	29,100	90,000	(60,900)	309%
5920-100	Rental Expenses - PA House	2,625	164	2,461	6%
5920-200	Rental Expenses - Sycamore	2,625	-	2,625	0%
5920-300	Rental Expenses - Mills	2,625	27	2,598	1%
Non-Operating Expense		\$ 36,975	\$ 90,191	\$ (53,216)	244%

Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
-	\$ -	0%
496,100	\$ (496,100)	0%
739,400	\$ (739,400)	0%
20,200	\$ (20,200)	0%
-	\$ -	0%
\$ 1,255,700	\$ (1,255,700)	0%
-	\$ -	0%
-	\$ -	0%
-	\$ -	0%
29,000	\$ 100	100%
2,500	\$ 125	95%
2,500	\$ 125	95%
2,500	\$ 125	95%
\$ 36,500	\$ 475	99%

Crescenta Valley Water District
Water Budget Variance Report
Actuals as of December 31, 2021 (50% of Year)

Description		Annual Budget	2nd Quarter Actual	Remaining Annual Budget	% of Total Budget
Operations Expense					
5145-000	Taxes-Property	\$ 15,348	\$ 7,666	\$ 7,682	50%
5310-000	Operator Certifications-Educ	5,480	1,495	3,985	27%
5330-000	Safety & Security	17,250	11,490	5,760	67%
5340-000	Uniforms	13,875	3,817	10,058	28%
5360-000	Emergency Operations/Repairs	8,000	3,766	4,234	47%
5370-000	Permit & Assessment Fees	-	2,902	(2,902)	0%
5380-000	Tools and Eq Maintenance	17,650	1,582	16,068	9%
5390-000	Nitrate Plant	61,500	44,086	17,414	72%
5441-000	Inventory Shrinkage/Overage	3,600	-	3,600	0%
5442-000	Inventory Disposal	-	636	(636)	0%
5445-000	Telemetry & Signal System	11,250	229	11,021	2%
5460-000	Water Treatment Expense	135,000	51,237	83,763	38%
5450-100	Lab & Sampling Expense	100,000	38,701	61,299	39%
5450-200	Non-Lab & Sampling	15,000	-	15,000	0%
5445-100	Telemetry & Signal System	-	-	-	0%
5445-200	SCADA Hardware	-	9,213	(9,213)	0%
5445-300	SCADA Software	22,643	-	22,643	0%
5445-400	SCADA Phone Lines	-	-	-	0%
5402-000	Power Purchased - Pumping	825,854	262,732	563,122	32%
Operations Expense		\$ 1,252,450	\$ 439,554	\$ 812,896	35%
Water System Expense					
5400-000	Water Usage Cost Exp Well 16	\$ 80,868	\$ 27,746	\$ 53,122	34%
5401-000	Purchased Water FMWD	3,491,618	1,777,730	1,713,888	51%
5401-002	Purchased Water Glend Well 16	-	-	-	0%
Water System Expense		\$ 3,572,486	\$ 1,805,477	\$ 1,767,009	51%

Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
15,348	\$ (0)	100%
5,700	\$ (220)	104%
24,750	\$ (7,500)	143%
7,500	\$ 6,375	54%
8,000	\$ -	100%
6,000	\$ (6,000)	0%
15,000	\$ 2,650	85%
90,000	\$ (28,500)	146%
-	\$ 3,600	0%
-	\$ -	0%
11,250	\$ -	100%
142,200	\$ (7,200)	105%
95,000	\$ 5,000	95%
15,000	\$ -	100%
-	\$ -	0%
10,000	\$ (10,000)	0%
23,000	\$ (357)	102%
-	\$ -	0%
760,000	\$ 65,854	92%
\$ 1,228,748	\$ 23,702	98%
64,900	\$ 15,968	80%
3,295,000	\$ 196,618	94%
-	\$ -	0%
\$ 3,359,900	\$ 212,586	94%

Crescenta Valley Water District
Water Budget Variance Report
Actuals as of December 31, 2021 (50% of Year)

Description		Annual Budget	2nd Quarter Actual	Remaining Annual Budget	% of Total Budget
Distribution System Expense					
5410-000	Backflow Expense	\$ 600	\$ -	\$ 600	0%
5423-100	Pipelines - Maintenance	79,500	4,800	74,700	6%
5423-300	Fire Hydrant Repair/Replace	20,000	14,114	5,886	71%
5423-500	Pipelines-Trench Plate Rentals	-	-	-	0%
5423-700	Pipelines - Valves	10,000	2,686	7,314	27%
5424-100	Reservoir Maintenance	79,500	59,644	19,856	75%
5424-200	Reservoir Landscape	20,000	2,880	17,120	14%
5425-100	Meter Maintenance	6,000	5,379	621	90%
5425-300	Meter Repair/Replace/Upgrade	6,000	47,629	(41,629)	794%
5425-400	Lateral Leaks and Repairs	160,000	47,629	112,371	30%
5425-500	Meters - Trench Plate Rentals	-	-	-	0%
5431-000	Land Lease Cost Expense Well1	17,160	10,960	6,200	64%
5432-100	Well Site - Maintenance	62,000	21,367	40,633	34%
5432-200	Well Site - Landscape	20,000	2,310	17,690	12%
5433-000	Booster Pumps - Maintenance	25,000	16,677	8,323	67%
5434-000	Emergency Power Generators	26,000	3,851	22,149	15%
5440-100	Auto/Truck Maintenance	58,500	8,965	49,535	15%
5440-200	Auto/Truck Maintenance-Gas	25,500	12,015	13,485	47%
5440-300	Auto/Truck Maintenance-Diesel	21,000	9,400	11,600	45%
5423-200	Pipelines - Paving	10,000	1,318	8,682	13%
5423-400	Pipelines - Leak Detect/Repair	25,000	-	25,000	0%
5425-200	Meters - Paving	115,000	35,012	79,988	30%
5425-700	D-Job Meters/Hydrants	100,000	21,946	78,054	22%
5432-300	Well Site - Lease Payment	300	-	300	0%
Distribution System Expense		\$ 887,060	\$ 328,582	\$ 558,478	37%
Water Totals					
Totals		\$ 9,983,580	\$ 4,645,169	\$ 5,338,410	47%

Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
500	\$ 100	83%
45,000	\$ 34,500	57%
25,000	\$ (5,000)	125%
-	\$ -	0%
10,000	\$ -	100%
128,000	\$ (48,500)	161%
20,000	\$ -	100%
9,000	\$ (3,000)	150%
80,000	\$ (74,000)	1333%
83,000	\$ 77,000	52%
-	\$ -	0%
33,560	\$ (16,400)	196%
50,000	\$ 12,000	81%
20,000	\$ -	100%
25,000	\$ -	100%
20,000	\$ 6,000	77%
56,250	\$ 2,250	96%
26,250	\$ (750)	103%
18,750	\$ 2,250	89%
5,000	\$ 5,000	50%
14,980	\$ 10,020	60%
120,000	\$ (5,000)	104%
150,000	\$ (50,000)	150%
300	\$ -	100%
\$ 940,590	\$ (53,530)	106%
\$ 9,709,834	\$ 270,183	97%

**Crescenta Valley Water District
Water Budget Variance Report
Actuals as of December 31, 2021 (50% of Year)**

		2nd Quarter Actuals			
GL#	Description	Annual Budget	2nd Quarter Actual	Remaining Annual Budget	% of Total Budget
Compensation and Benefits					
01-01-5000-100	Director Fees	10,800.00	3,555.00	7,245.00	33%
01-01-5060-000	Taxes-Payroll	1,059.00	263.48	795.52	25%
01-01-5085-000	Workers' Compensation Ins	150.00	29.64	120.36	20%
Compensation and Benefits		12,009.00	3,848.12	8,160.88	32%
Gen'l and Admin Expenses					
01-01-5320-000	Conferences & Seminars	3,750.00	-	3,750.00	0%
01-01-5350-000	Misc Administration	-	10.1	(10.14)	0%
Gen'l and Admin Expenses		3,750.00	10.14	3,739.86	0%
Board - Water					
Totals		15,759.00	3,858.26	11,900.74	24%

Management Estimate		
Year End Expense	Budget Balance	% of Total Budget
\$ 10,100	\$ 700	94%
600	459	57%
70	80	47%
10,770	1,239	90%
\$ 3,750	\$ -	100%
20	(20)	0%
3,770	(20)	101%
14,540	1,219	92%

**Crescenta Valley Water District
Water Budget Variance Report
Actuals as of December 31, 2021 (50% of Year)**

		2nd Quarter Actuals			
GL#	Description	Annual Budget	2nd Quarter Actual	Remaining Annual Budget	% of Total Budget
Compensation and Benefits					
01-02-5000-300	Administrative Service - Labor	\$ 68,867	\$ 31,170	\$ 37,697	45%
01-02-5000-310	Administrative Service - OT	750	463	287	62%
01-02-5000-400	Maintenance Labor	360,131	\$ 187,811	172,320	52%
01-02-5000-410	Maintenance Labor OT	47,250	\$ 16,071	31,179	34%
01-02-5000-500	System Operations	368,910	\$ 165,439	203,470	45%
01-02-5000-510	System Operations OT	18,000	\$ 6,450	11,550	36%
01-02-5000-800	Standby Pay	51,430	\$ 25,621	25,809	50%
01-02-5047-000	Phone Allowance	2,117	\$ -	2,117	0%
01-02-5050-000	Employer Portion of PERS	84,518	\$ 32,672	51,846	39%
01-02-5060-000	Taxes-Payroll	60,649	\$ 34,832	25,816	57%
01-02-5070-000	Sick Leave/Vacation	67,404	\$ 40,881	26,523	61%
01-02-5080-000	Health Dental Vision	146,243	\$ 78,352	67,892	54%
01-02-5082-000	Life and Disability Insurance	3,499	\$ 1,888	1,611	54%
01-02-5083-000	Self Insurance	-	\$ -	-	0%
01-02-5084-000	Wellness Program	2,160	\$ 602	1,558	28%
01-02-5085-000	Workers' Compensation Ins	24,245	\$ 13,154	11,090	54%
Compensation and Benefits		\$ 1,306,173	\$ 635,408	\$ 670,765	49%
Gen'l and Admin Expenses					
01-02-5180-000	Office Supplies & Misc Exp	\$ 9,000	\$ 3,334	\$ 5,666	37%
01-02-5180-100	Misc Expense - COVID-19	\$ 3,000	\$ 338	\$ 2,663	11%
01-02-5320-000	Conferences & Seminars	5,625	\$ 2,495	3,130	44%
01-02-5355-000	Memberships/Subscriptions	1,500	\$ 1,377	123	92%
Gen'l and Admin Expenses		\$ 19,125	\$ 7,543	\$ 11,582	39%

Management Estimate		
Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
\$ 62,341	\$ 6,526	91%
\$ 925	(175)	123%
\$ 375,622	(15,491)	104%
\$ 32,143	15,107	68%
\$ 330,879	38,031	90%
\$ 12,900	5,100	72%
\$ 51,241	189	100%
\$ -	2,117	0%
\$ 65,345	19,173	77%
\$ 70,000	(9,351)	115%
\$ 82,000	(14,596)	122%
\$ 155,000	(8,757)	106%
\$ 3,800	(301)	109%
\$ -	-	0%
\$ 2,160	-	100%
\$ 26,000	(1,755)	107%
\$ 1,270,356	\$ 35,817	97%
Gen'l and Admin Expenses		
\$ 7,500	\$ 1,500	83%
\$ 2,250	750	75%
3,750	1,875	67%
1,500	-	100%
\$ 15,000	\$ 4,125	78%

**Crescenta Valley Water District
Water Budget Variance Report
Actuals as of December 31, 2021 (50% of Year)**

		2nd Quarter Actuals			
GL#	Description	Annual Budget	2nd Quarter Actual	Remaining Annual Budget	% of Total Budget
Operation Expense					
01-02-5150-000	Building Maintenance-Plant	19,500	\$ 3,175	16,325	16%
01-02-5170-000	Landscaping Expenses-Plant	7,800	\$ 1,532	6,268	20%
01-02-5200-000	Utilities-Plant	13,350	\$ 5,992	7,358	45%
01-02-5300-000	Training-Plant	9,525	\$ 4,778	4,747	50%
01-02-5310-000	Operator Certifications-Educ	2,000	\$ 896	1,104	45%
01-02-5311-000	Tuition Reimbursement	1,500	\$ -	1,500	0%
01-02-5330-000	Safety & Security	17,250	\$ 11,490	5,760	67%
01-02-5340-000	Uniforms	13,875	\$ 3,817	10,058	28%
01-02-5350-000	Misc- Administration	1,250	\$ 858	392	69%
01-02-5360-000	Emergency Operations/Repairs	8,000	\$ 3,766	4,234	47%
01-02-5370-000	Permit & Assessment Fees	-	\$ -	-	0%
01-02-5380-000	Tools and Eq Maintenance	17,650	\$ 1,582	16,068	9%
01-02-5390-000	Nitrate Plant	61,500	\$ 44,086	17,414	72%
01-02-5441-000	Inventory Shrinkage/Overage	3,600	\$ -	3,600	0%
01-02-5442-000	Inventory Disposal	-	\$ 636	(636)	0%
01-02-5445-000	Telemetry & Signal System	11,250	\$ 229	11,021	2%
01-02-5460-000	Water Treatment Expense	135,000	\$ 51,237	83,763	38%
Operation Expense		\$ 323,050	\$ 134,076	\$ 188,974	42%

Management Estimate		
Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
\$ 15,000	\$ 4,500	77%
7,800	-	100%
11,813	1,538	88%
9,525	-	100%
4,000	(2,000)	200%
1,875	(375)	125%
24,750	(7,500)	143%
7,500	6,375	54%
1,250	-	100%
8,000	-	100%
-	-	0%
15,000	2,650	85%
90,000	(28,500)	146%
-	3,600	0%
-	-	0%
11,250	-	100%
142,200	(7,200)	105%
\$ 349,963	\$ (26,913)	108%

**Crescenta Valley Water District
Water Budget Variance Report
Actuals as of December 31, 2021 (50% of Year)**

2nd Quarter Actuals					
GL#	Description	Annual Budget	2nd Quarter Actual	Remaining Annual Budget	% of Total Budget
Water System Expense					
01-02-5400-000	Water Usage Cost Exp Well 16	\$ 80,868	\$ 27,746	\$ 53,122	34%
01-02-5401-000	Purchased Water FMWD	3,491,618	\$ 1,777,730	1,713,888	51%
01-02-5402-000	Power Purchased - Pumping	825,854	\$ 262,732	563,122	32%
Water System Expense		\$ 4,398,340	\$ 2,068,209	\$ 2,330,131	47%
Distribution System Expense					
01-02-5423-100	Pipelines - Maintenance	\$ 79,500	\$ 4,800	\$ 74,700	6%
01-02-5423-300	Fire Hydrant Repair/Replace	20,000	\$ 14,114	5,886	71%
01-02-5423-500	Pipelines-Trench Plate Rentals	-	\$ -	-	0%
01-02-5423-700	Pipelines - Valves	10,000	\$ 2,686	7,314	27%
01-02-5424-100	Reservoir Maintenance	60,000	\$ 59,644	356	99%
01-02-5424-200	Reservoir Landscape	20,000	\$ 2,880	17,120	14%
01-02-5425-100	Meter Maintenance	6,000	\$ 5,379	621	90%
01-02-5425-300	Meter Repair/Replace/Upgrade	6,000	\$ 47,629	(41,629)	794%
01-02-5425-400	Lateral Leaks and Repairs	160,000	\$ 47,629	112,371	30%
01-02-5425-500	Meters - Trench Plate Rentals	-	\$ -	-	0%
01-02-5431-000	Land Lease Expense Well16	-	\$ 8,220	(8,220)	0%
01-02-5432-100	Well Site - Maintenance	62,000	\$ 21,367	40,633	34%
01-02-5432-200	Well Site - Landscape	20,000	\$ 2,310	17,690	12%
01-02-5433-000	Booster Pumps - Maintenance	25,000	\$ 16,677	8,323	67%
01-02-5434-000	Emergency Power Generators	26,000	\$ 3,851	22,149	15%
01-02-5440-100	Auto/Truck Maintenance	58,500	\$ 8,965	49,535	15%
01-02-5440-200	Auto/Truck Maintenance-Gas	25,500	\$ 12,015	13,485	47%
01-02-5440-300	Auto/Truck Maintenance-Diesel	21,000	\$ 9,400	11,600	45%
Distribution System Expense		\$ 599,500	\$ 267,567	\$ 331,933	45%
Operations - Water					
Totals		\$ 6,646,188	\$ 3,112,802	\$ 3,533,386	47%

Management Estimate		
Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
\$ 64,900	\$ 15,968	80%
3,295,000	196,618	94%
760,000	65,854	92%
\$ 4,119,900	\$ 278,440	94%
\$ 45,000	\$ 34,500	57%
25,000	(5,000)	125%
-	\$ -	0%
10,000	-	100%
110,000	\$ (50,000)	183%
20,000	-	100%
9,000	\$ (3,000)	150%
80,000	(74,000)	1333%
83,000	\$ 77,000	52%
-	-	0%
16,400	\$ (16,400)	0%
50,000	12,000	81%
20,000	\$ -	100%
25,000	-	100%
20,000	\$ 6,000	77%
56,250	2,250	96%
26,250	\$ (750)	103%
18,750	2,250	89%
\$ 614,650	\$ (15,150)	103%
\$ 6,349,219	\$ 276,320	96%

**Crescenta Valley Water District
Water Budget Variance Report
Actuals as of December 31, 2021 (50% of Year)**

2nd Quarter Actuals					
GL#	Description	Annual Budget	2nd Quarter Actual	Remaining Annual Budget	% of Total Budget
Compensation and Benefits					
01-03-5000-000	Engineering Labor	\$ 311,984	\$ 149,719	\$ 162,265	48%
01-03-5000-010	Engineering Labor OT	7,500	\$ 210	7,290	3%
01-03-5045-000	Automobile Allowance	3,300	\$ 1,650	1,650	50%
01-06-5047-000	Phone Allowance	907	\$ -	907	0%
01-03-5050-000	Employer Portion of PERS	59,871	\$ 24,250	35,622	41%
01-03-5060-000	Taxes-Payroll	28,292	\$ 13,916	14,376	49%
01-03-5070-000	Sick Leave/Vacation	38,247	\$ 25,068	13,179	66%
01-03-5080-000	Health Dental Vision	57,485	\$ 24,608	32,877	43%
01-03-5082-000	Life and Disability Insurance	2,276	\$ 1,227	1,049	54%
01-03-5083-000	Self Insurance	3,600	\$ 1,561	2,039	43%
01-03-5084-000	Wellness Program	1,080	\$ 225	855	21%
01-03-5085-000	Workers' Compensation Ins	3,729	\$ 1,125	2,604	30%
Compensation and Benefits		\$ 518,271	\$ 243,559	\$ 274,712	47%
Gen'l and Admin Expenses					
01-03-5130-000	Administrative Consultants	\$ 178,800	\$ 60,749	\$ 118,051	34%
01-03-5135-000	Interns	7,050	\$ 3,314	3,736	47%
01-03-5180-000	Office Supplies & Misc Exp	1,500	\$ 510	990	34%
01-03-5180-100	Misc Expense - COVID-19	500	\$ -	500	0%
01-03-5260-000	Engineering Expense	3,750	\$ 1,183	2,567	32%
01-03-5300-000	Training	900	\$ 830	70	92%
01-03-5310-000	Certifications-Educ	3,480	\$ 599	2,881	17%
01-03-5311-000	Tuition Reimbursement	750	\$ -	750	0%
01-03-5320-000	Conferences & Seminars	2,250	\$ 1,164	1,086	52%
01-03-5350-000	Misc- Administration	375	\$ -	375	0%
01-03-5355-000	Memberships/Subscriptions	375	\$ 89	286	24%
Gen'l and Admin Expenses		\$ 199,730	\$ 68,438	\$ 131,292	34%

Management Estimate		
Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
\$ 300,000	\$ 11,984	96%
1,256	6,244	17%
3,300	-	100%
-	907	0%
50,000	9,871	84%
30,000	(1,708)	106%
50,000	(11,753)	131%
57,000	485	99%
2,500	(224)	110%
3,600	-	100%
1,080	-	100%
2,500	1,229	67%
\$ 501,236	\$ 17,035	97%
Gen'l and Admin Expenses		
\$ 97,750	\$ 81,050	55%
5,600	1,450	79%
1,000	500	67%
500	-	100%
1,875	1,875	50%
1,500	(600)	167%
1,700	1,780	49%
-	750	0%
2,665	(415)	118%
200	175	53%
375	-	100%
\$ 113,165	\$ 86,565	57%

Crescenta Valley Water District
Water Budget Variance Report
Actuals as of December 31, 2021 (50% of Year)

		2nd Quarter Actuals			
GL#	Description	Annual Budget	2nd Quarter Actual	Remaining Annual Budget	% of Total Budget
Operation Expense					
01-03-5370-000	Permit & Assessment Fees	\$ -	\$ 2,902	\$ (2,902)	0%
Operation Expense		\$ -	\$ 2,902	\$ (2,902)	0%
Distribution System Expense					
01-03-5410-000	Backflow Expense	\$ 600	\$ -	\$ 600	0%
01-03-5423-200	Pipelines - Paving	10,000	\$ 1,318	8,682	13%
01-03-5423-400	Pipelines - Leak Detect/Repair	25,000	\$ -	25,000	0%
01-03-5424-100	Reservoir Maintenance	19,500	\$ -	19,500	0%
01-03-5425-100	Meter Maintenance	-	\$ -	-	0%
01-03-5425-200	Meters - Paving	115,000	\$ 35,012	79,988	30%
01-03-5425-700	D-Job Meters/Hydrants	100,000	\$ 21,946	78,054	22%
01-03-5431-000	Land Lease Well 16	17,160	\$ 2,740	14,420	16%
01-03-5432-300	Well Site - Lease Payment	300	\$ -	300	0%
01-03-5433-000	Booster Pumps - Maintenance	-	\$ -	-	0%
Distribution System Expense		\$ 287,560	\$ 61,016	\$ 226,544	21%
Engineering - Water					
Totals		\$ 1,005,561	\$ 375,915	\$ 629,646	37%

Management Estimate		
Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
\$ 6,000	\$ (6,000)	0%
\$ 6,000	\$ (6,000)	0%
\$ 500	\$ 100	83%
5,000	5,000	50%
14,980	10,020	60%
18,000	1,500	92%
-	-	0%
120,000	(5,000)	104%
150,000	(50,000)	150%
17,160	-	100%
300	-	100%
-	-	0%
\$ 325,940	\$ (38,380)	113%
\$ 946,341	\$ 59,220	94%

**Crescenta Valley Water District
Water Budget Variance Report
Actuals as of December 31, 2021 (50% of Year)**

2nd Quarter Actuals					
GL#	Description	Annual Budget	2nd Quarter Actual	Remaining Annual Budget	% of Total Budget
Compensation and Benefits					
01-04-5000-300	Administrative Service - Labor	\$ 94,059	\$ 44,233	\$ 49,826	47%
01-04-5045-000	Automobile Allowance	1,500	750	750	50%
01-04-5050-000	Employer Portion of PERS	14,200	5,866	8,334	41%
01-04-5060-000	Taxes-Payroll	6,848	3,581	3,267	52%
01-04-5070-000	Sick Leave/Vacation	9,701	6,226	3,475	64%
01-04-5080-000	Health Dental Vision	13,452	5,948	7,505	44%
01-04-5082-000	Life and Disability Insurance	568	283	285	50%
01-04-5083-000	Self Insurance	1,800	972	828	54%
01-04-5084-000	Wellness Program	180	-	180	0%
01-04-5085-000	Workers' Compensation Ins	550	315	235	57%
Compensation and Benefits		\$ 142,858	\$ 68,173	\$ 74,685	48%
Gen'l and Admin Expenses					
01-04-5130-000	Administrative Consultants	\$ 30,000	\$ 525	\$ 29,475	2%
01-04-5135-000	Interns	-	-	-	0%
01-04-5180-000	Office Supplies & Misc Expense	750	71	679	10%
01-04-5270-000	Water Conservation Expense	15,000	6,865	8,135	46%
01-04-5270-400	Water Conservation Rebates	5,000	-	5,000	0%
01-04-5270-600	Community Outreach	35,000	25,078	9,922	72%
01-04-5320-000	Conferences & Seminars	1,875	-	1,875	0%
01-04-5355-000	Memberships/Subscriptions	1,368	-	1,368	0%
Gen'l and Admin Expenses		\$ 88,993	\$ 32,539	\$ 56,454	37%
Operation Expense					
01-04-5450-100	Lab & Sampling Expense	\$ 100,000	\$ 38,701	\$ 61,299	39%
01-04-5450-200	Non-Lab & Sampling	15,000	-	15,000	0%
Operation Expense		\$ 115,000	\$ 38,701	\$ 76,299	34%
Regulatory - Water					
Totals		\$ 346,851	\$ 139,414	\$ 207,437	40%

Management Estimate		
Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
\$ 88,500	\$ 5,559	94%
1,500	-	100%
12,000	2,200	85%
7,162	(314)	105%
9,936	(235)	102%
13,452	0	100%
566	2	100%
1,800	-	100%
180	-	100%
630	(80)	115%
\$ 135,726	\$ 7,132	95%
Gen'l and Admin Expenses		
\$ 40,000	\$ (10,000)	133%
-	-	0%
500	250	67%
10,000	5,000	67%
-	5,000	0%
50,200	(15,200)	143%
750	1,125	40%
-	1,368	0%
\$ 101,450	\$ (12,457)	114%
Operation Expense		
\$ 95,000	\$ 5,000	95%
15,000	-	100%
\$ 110,000	\$ 5,000	96%
Regulatory - Water		
\$ 347,176	\$ (325)	100%

**Crescenta Valley Water District
Water Budget Variance Report
Actuals as of December 31, 2021 (50% of Year)**

		2nd Quarter Actuals			
GL#	Description	Annual Budget	2nd Quarter Actual	Remaining Annual Budget	% of Total Budget
Gen'l and Admin Expenses					
01-05-5130-000	Administrative Consultants	\$ 141,150	\$ -	\$ 141,150	0%
01-05-5180-000	Office Supplies & Misc Expense	-	\$ -	-	0%
01-05-5190-000	Computers and Network	18,826	\$ 11,042	7,784	59%
01-05-5195-000	Computer Software	53,081	\$ 57,247	(4,166)	108%
01-05-5225-000	Enterprise Voice Com	13,500	\$ 4,341	9,159	32%
01-05-5226-000	Wireless Voice & Data	14,070	\$ 9,574	4,496	68%
01-05-5227-000	Data Communications - Fiber	39,150	\$ 15,590	23,560	40%
Gen'l and Admin Expenses		\$ 279,777	\$ 97,795	\$ 181,982	35%

Management Estimate		
Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
140,000	\$ 1,150	99%
-	-	0%
20,000	(1,174)	106%
60,000	(6,919)	113%
15,000	(1,500)	111%
20,000	(5,930)	142%
37,500	1,650	96%
\$ 292,500	\$ (12,723)	105%

**Crescenta Valley Water District
Water Budget Variance Report
Actuals as of December 31, 2021 (50% of Year)**

		2nd Quarter Actuals			
GL#	Description	Annual Budget	2nd Quarter Actual	Remaining Annual Budget	% of Total Budget
Operation Expense					
01-05-5445-100	Telemetry & Signal System	\$ -	\$ -	\$ -	0%
01-05-5445-200	SCADA Hardware	-	\$ 9,213	(9,213)	0%
01-05-5445-300	SCADA Software	22,643	\$ -	22,643	0%
01-05-5445-400	SCADA Phone Lines	-	\$ -	-	0%
Operation Expense		\$ 22,643	\$ 9,213	\$ 13,430	41%
Technology - Water					
Totals		\$ 302,420	\$ 107,008	\$ 195,412	35%

Management Estimate		
Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
-	\$ -	0%
10,000	(10,000)	0%
23,000	(357)	102%
-	-	0%
33,000	\$ (10,357)	146%
\$ 325,500	\$ (23,080)	108%

**Crescenta Valley Water District
Water Budget Variance Report
Actuals as of December 31, 2021 (50% of Year)**

		2nd Quarter Actuals			
GL#	Description	Annual Budget	2nd Quarter Actual	Remaining Annual Budget	% of Total Budget
Compensation and Benefits					
01-06-5000-200	Officer Salaries	\$ 212,977	\$ 104,555	\$ 108,422	49%
01-06-5000-300	Administrative Service - Labor	326,972	\$ 155,015	171,957	47%
01-06-5000-310	Administrative Service - OT	6,000	\$ 1,904	4,096	32%
01-06-5045-000	Automobile Allowance	5,400	\$ 2,700	2,700	50%
01-06-5047-000	Phone Allowance	1,440	\$ 504	936	35%
01-06-5050-000	Employer Portion of PERS	262,260	\$ 131,892	130,368	50%
01-06-5060-000	Taxes-Payroll	43,320	\$ 13,941	29,378	32%
01-06-5070-000	Sick Leave/Vacation	55,508	\$ 21,275	34,232	38%
01-06-5080-000	Health Dental Vision	99,860	\$ 37,176	62,685	37%
01-06-5080-100	Retiree Health Care Expense	144,792	\$ -	144,792	0%
01-06-5082-000	Life and Disability Insurance	3,438	\$ 1,351	2,087	39%
01-06-5083-000	Self Insurance	9,000	\$ 1,204	7,796	13%
01-06-5084-000	Wellness Program	2,580	\$ 930	1,650	36%
01-06-5085-000	Workers' Compensation Ins	4,177	\$ 2,396	1,781	57%
Compensation and Benefits		\$ 1,177,724	\$ 474,842	\$ 702,882	40%

Management Estimate		
Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
\$ 210,000	\$ 2,977	99%
310,000	16,972	95%
4,000	2,000	67%
5,400	-	100%
1,440	-	100%
263,000	(740)	100%
30,000	13,320	69%
42,550	12,958	77%
96,772	3,088	97%
144,792	-	100%
2,701	737	79%
9,000	-	100%
2,580	-	100%
4,200	(23)	101%
\$ 1,126,436	\$ 51,288	96%

**Crescenta Valley Water District
Water Budget Variance Report
Actuals as of December 31, 2021 (50% of Year)**

		2nd Quarter Actuals			
GL#	Description	Annual Budget	2nd Quarter Actual	Remaining Annual Budget	% of Total Budget
Gen'l and Admin Expenses					
01-06-5090-000	GL, Property, Fidelity Ins	\$ 67,000	\$ 34,671	\$ 32,329	52%
01-06-5100-000	Accounting	9,750	\$ 4,794	4,956	49%
01-06-5125-000	Legal	133,500	\$ 45,986	87,514	34%
01-06-5130-000	Administrative Consultants	10,500	\$ 114,621	(104,121)	1092%
01-06-5135-000	Interns	-	\$ -	-	0%
01-06-5140-000	Election Expense	-	\$ -	-	0%
01-06-5150-000	Building Maintenance	18,787	\$ 3,595	15,192	19%
01-06-5170-000	Landscaping Expense	6,402	\$ 2,267	4,136	35%
01-06-5180-000	Office Supplies & Misc Expense	3,000	\$ 2,236	764	75%
01-06-5180-100	Misc Expense - COVID-19	1,875	\$ 3,000	(1,125)	160%
01-06-5200-000	Utilities	21,399	\$ 9,110	12,289	43%
01-06-5230-000	Printing Postage Stationery	32,500	\$ 18,945	13,555	58%
01-06-5250-000	Water System Fees	65,000	\$ 53,225	11,775	82%
01-06-5300-000	Training	4,500	\$ 1,252	3,248	28%
01-06-5311-000	Tuition Reimbursement	1,313			
01-06-5320-000	Conferences & Seminars	3,767	\$ 1,424	2,343	38%
01-06-5350-000	Misc Administration	4,210	\$ 6,944	(2,734)	165%
01-06-5355-000	Memberships/Subscriptions	23,250	\$ 18,027	5,223	78%
01-06-5365-000	Bank Charges	30,000	\$ 13,376	16,624	45%
Gen'l and Admin Expenses		\$ 436,754	\$ 333,474	\$ 101,967	76%

Management Estimate		
Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
\$ 68,000	\$ (1,000)	101%
10,000	(250)	103%
150,000	(16,500)	112%
90,000	(79,500)	857%
-	-	0%
-	-	
7,500	11,287	40%
7,000	(598)	109%
4,500	(1,500)	150%
3,000	(1,125)	160%
22,000	(601)	103%
33,000	(500)	102%
65,000	-	100%
5,000	(500)	111%
-		
4,000	(233)	106%
7,000	(2,790)	166%
24,000	(750)	103%
30,000	-	100%
\$ 530,000	\$ (94,559)	121%

**Crescenta Valley Water District
Water Budget Variance Report
Actuals as of December 31, 2021 (50% of Year)**

		2nd Quarter Actuals			
GL#	Description	Annual Budget	2nd Quarter Actual	Remaining Annual Budget	% of Total Budget
Non-Operating Expense					
01-06-5910-000	Interest Expense - Notes	\$ 29,100	\$ 90,000	\$ (60,900)	309%
01-06-5920-100	Rental Expenses - PA House	2,625	\$ 164	2,461	6%
01-06-5920-200	Rental Expenses - Sycamore	2,625	\$ -	2,625	0%
01-06-5920-300	Rental Expenses - Mills	2,625	\$ 27	2,598	1%
Non-Operating Expense		\$ 36,975	\$ 90,191	\$ 7,684	244%
Operation Expense					
01-06-5145-000	Taxes-Property	\$ 15,348	\$ 7,666	\$ 7,682	50%
Operation Expense		\$ 15,348	\$ 7,666	\$ 7,682	50%
Administration - Water					
Totals		\$ 1,666,801	\$ 906,173	\$ 820,215	54%

Management Estimate		
Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
\$ 29,000	\$ 100	100%
2,500	125	95%
2,500	125	95%
2,500	125	95%
\$ 36,500	\$ 475	99%
\$ 15,348	\$ (0)	100%
\$ 15,348	\$ (0)	100%
\$ 1,708,284	\$ (42,796)	102%

SUMMARY

Crescenta Valley Water District Wastewater Budget Variance Report Summary - As of December 31, 2021 (50% of Year)

Q2

6 Month Actuals (50%)					
Description		Annual Budget	2nd Quarter Actual	Remaining Annual Budget	% of Total Budget
Revenue					
	Wastewater - User Charges	\$ 3,506,607	\$ 1,801,526	\$ 1,705,081	51%
	Interest Income Wastewater	1,000	-	1,000	0%
	Other Income Wastewater	19,860	9,930	4,895	50%
	Construction Revenue	29,000	36,396	(7,396)	126%
Revenue		\$ 3,556,467	\$ 1,847,852	\$ 1,703,580	52%
Expenses					
	Labor & Benefits	1,593,664	700,319	893,345	44%
	City of LA Sewer Services	1,809,800	1,155,993	653,807	64%
	Operating Cost	730,181	266,966	463,215	37%
Expenses		\$ 4,133,645	\$ 2,123,278	\$ 2,010,367	51%
	Infrastructure	175,000	8,234	166,766	5%
	Capital Outlays & Equip	64,500	14,861	49,639	23%
	OPEB	-		-	0%
Total CIP & OPEB		239,500	23,095	216,405	10%
Net Revenue minus Expenses		(816,678)	(298,521)		

Management Estimate		
Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
\$ 3,500,000	\$ 6,607	100%
500	500	50%
19,850	10	100%
64,000	(35,000)	221%
\$ 3,584,350	\$ (27,883)	101%
1,506,422	87,242	95%
1,900,000	(90,200)	105%
743,423	(13,242)	102%
\$ 4,149,845	\$ (16,200)	100%
175,000	-	100%
64,500	-	100%
-	-	
\$ 239,500	\$ -	100%
(804,995)		

Crescenta Valley Water District
Wastewater Budget Variance Report
Revenue - As of December 31, 2021 (50% of Year)

2nd Quarter Actuals				
	Annual Budget	2nd Quarter Actual	Remaining Annual Budget	% of Total Budget
Sewage Disposal Sales	\$ 3,506,607	\$ 1,801,526	\$ 1,705,081	51%
Property Owner Assessments	25,000	\$ 36,396	(11,396)	146%
Sewer Permits	4,000	\$ -	4,000	0%
Other Income	-	\$ -	-	0%
Interest Earned - Sewer	1,000	\$ -	1,000	0%
Unrealized Gain/Loss on Invest	-	\$ -	-	0%
Fair Value Adjustment	-	\$ -	-	0%
Gain/Loss Sale of Investments	-	\$ -	-	0%
Rental Income - PA House	3,300	\$ 1,200	2,100	36%
Rental Income - Sycamore House	6,500	\$ 3,705	2,795	57%
Rental Income - Mills House	10,060	\$ 5,025	5,035	50%
	\$ 3,556,467	\$ 1,847,852	\$ 1,703,580	52%

Management Estimate		
Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
\$ 3,500,000	\$ 6,607	100%
\$ 60,000	(35,000)	240%
\$ 4,000	-	100%
\$ -	-	0%
\$ 500	500	50%
\$ -	-	0%
\$ -	-	0%
\$ -	-	0%
\$ 3,300	-	100%
\$ 6,500	-	100%
\$ 10,050	10	100%
\$ 3,584,350	\$ (27,893)	101%

Crescenta Valley Water District
Wastewater Budget Variance Report
Expense - As of December 31, 2021 (50% of Year)

2nd Quarter Actuals					
Description		Annual Budget	2nd Quarter Actual	Remaining Annual Budget	% of Total Budget
Compensation and Benefits					
5000-100	Director Fees	\$ 10,800	\$ 3,555	\$ 7,245	33%
5000-200	Officer Salaries	212,977	104,555	108,422	49%
5000-300	Administrative Service - Labor	249,523	120,775	128,748	48%
5000-310	Administrative Service - OT	6,250	2,058	4,192	33%
5000-350	Engineering Labor	145,661	49,487	96,174	34%
5000-360	Engineering Labor OT	2,500	70	2,430	3%
5000-400	Maintenance Labor	140,327	78,633	61,694	56%
5000-410	Maintenance Labor OT	22,000	4,383	17,617	20%
5000-800	Standby Pay	17,143	8,540	8,603	50%
5045-000	Automobile Allowance	10,200	5,100	5,100	50%
5047-000	Phone Allowance	2,976	315	2,661	11%
5050-000	Employer Portion of PERS	280,567	132,544	148,023	47%
5060-000	Taxes - Payroll	86,502	26,442	60,060	31%
5070-000	Sick Leave/Vacation	56,954	52,056	4,898	91%
5080-000	Health Dental Vision	211,362	94,056	117,306	44%
5080-100	Retiree Health Care Expense	96,528	-	96,528	0%
5082-000	Life and Disability Insurance	6,521	3,166	3,355	49%
5083-000	Self Insurance	9,600	2,492	7,108	26%
5084-000	Wellness Program	4,000	746	3,254	19%
5085-000	Workers' Compensation Ins	21,273	11,346	9,927	53%
Compensation and Benefits		\$ 1,593,664	\$ 700,319	\$ 893,345	44%

Management Estimate		
Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
\$ 10,000	\$ 800	93%
210,500	2,477	99%
241,776	7,747	97%
4,400	1,850	70%
99,000	46,661	68%
500	2,000	20%
160,000	(19,673)	114%
8,800	13,200	40%
17,100	43	100%
10,200	-	100%
700	2,276	24%
264,822	15,745	94%
54,536	31,966	63%
79,696	(22,742)	140%
205,930	5,432	97%
96,528	-	100%
6,314	207	97%
9,696	(96)	101%
3,460	540	87%
22,464	(1,191)	106%
\$ 1,506,422	\$ 87,242	95%

Crescenta Valley Water District
Wastewater Budget Variance Report
Expense - As of December 31, 2021 (50% of Year)

Description		Annual Budget	2nd Quarter Actual	Remaining Annual Budget	% of Total Budget
Gen'l and Admin Expenses					
5090-000	GL, Property, Fidelity Ins	67,000	34,671	32,329	52%
5100-000	Accounting	9,750	5,406	4,344	55%
5125-000	Legal	44,500	10,115	34,385	23%
5130-000	Administrative Consultants	239,350	32,530	206,820	14%
5135-000	Interns	7,050	1,098	5,952	16%
5150-000	Building Maintenance	12,713	2,131	10,582	17%
5170-000	Landscaping Expense	7,398	2,091	5,307	28%
5180-000	Office Supplies & Misc Expense	14,250	5,220	9,030	37%
5190-000	Computers and Network	6,275	3,487	2,788	56%
5195-000	Computer Software	17,694	19,084	(1,390)	108%
5200-000	Utilities	11,551	4,836	6,715	42%
5225-000	Enterprise Voice Communication	4,500	3,411	1,089	76%
5226-000	Wireless Voice & Data	4,690	2,860	1,830	61%
5227-000	Data Communications - Fiber	13,050	5,478	7,572	42%
5230-000	Printing Postage Stationery	32,500	19,012	13,488	58%
5260-000	Engineering Expense	3,750	576	3,174	15%
5300-000	Training	4,975	2,073	2,902	42%
5320-000	Conferences & Seminars	\$ 7,233	\$ 1,325	\$ 5,908	18%
5350-000	Misc Administration	3,165	4,719	(1,554)	149%
5355-000	Memberships/Subscriptions	9,868	6,487	3,381	66%
5365-000	Bank Charges	30,000	13,359	16,641	45%
Gen'l and Admin Expenses		\$ 551,261	\$ 179,969	\$ 371,292	33%

Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
70,000	(3,000)	104%
9,750	-	100%
50,000	(5,500)	112%
266,550	(27,200)	111%
5,600	1,450	79%
7,836	4,877	62%
6,876	522	93%
12,250	2,000	86%
5,000	1,275	80%
25,000	(7,306)	141%
10,938	613	95%
7,000	(2,500)	156%
5,700	(1,010)	122%
11,000	2,050	84%
33,000	(500)	102%
1,875	1,875	50%
5,175	(200)	104%
\$ 6,653	\$ 580	92%
9,500	(6,335)	300%
6,500	3,368	66%
27,000	3,000	90%
\$ 583,203	\$ (31,942)	106%

Crescenta Valley Water District
Wastewater Budget Variance Report
Expense - As of December 31, 2021 (50% of Year)

Description		Annual Budget	2nd Quarter Actual	Remaining Annual Budget	% of Total Budget
Non-Operating Expense					
5920-100	Rental Expenses - PA House	\$ 875	\$ -	\$ 875	0%
5920-200	Rental Expenses - Sycamore	875	-	875	0%
5920-300	#N/A	875	9	866	1%
Non-Operating Expense		\$ 2,625	\$ 9	\$ 2,616	0%
Operations Expense					
5145-000	Taxes-Property	\$ 5,152	\$ 2,555	\$ 2,597	50%
5310-000	Operator Certifications-Educ	2,820	1,531	1,289	54%
5330-000	Safety & Security	5,750	5,425	325	94%
5340-000	Uniforms	4,625	1,179	3,446	25%
5360-000	Emergency Operations/Repairs	8,000	3,766	4,234	47%
5380-000	Tools and Eq Maintenance	17,650	2,934	14,716	17%
5402-000	Power Purchased - Lift Stn	-	37	(37)	0%
5445-100	Telemetry & Signal System	3,750	-	3,750	0%
5445-200	SCADA Hardware	-	2,566	(2,566)	0%
5445-300	SCADA Software	7,548	-	7,548	0%
5445-400	SCADA Phone Lines	-	-	-	0%
Operations Expense		\$ 55,295	\$ 19,993	\$ 35,302	36%

Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
\$ 850	\$ 25	97%
850	25	97%
2,300	(1,425)	263%
\$ 4,000	\$ 50	152%
\$ 5,152	\$ -	100%
1,900	920	67%
8,250	(2,500)	143%
2,500	2,125	54%
-	8,000	0%
15,000	2,650	85%
-	-	0%
120	3,630	3%
6,000	(6,000)	0%
7,548	-	100%
-	-	0%
\$ 46,470	\$ 8,825	84%

Crescenta Valley Water District
Wastewater Budget Variance Report
Expense - As of December 31, 2021 (50% of Year)

Description		Annual Budget	2nd Quarter Actual	Remaining Annual Budget	% of Total Budget
Wastewater System Expense					
5434-000	Emergency Power Generators	\$ -	\$ -	\$ -	0%
5700-000	Wastewater System Expense	1,809,800	1,155,993	653,807	64%
Wastewater System Expense		\$ 1,809,800	\$ 1,155,993	\$ 653,807	64%
Collection System Expense					
5423-000	Pipelines - Maintenance	\$ -	\$ -	\$ -	0%
5423-100	Pipelines - Maintenance	26,500	23,084	3,416	87%
5440-100	Auto/Truck Maintenance	19,500	25,427	(5,927)	130%
5440-200	Auto/Truck Maintenance-Gas	8,500	3,589	4,911	42%
5440-300	Auto/Truck Maintenance-Diesel	7,000	2,499	4,501	36%
5621-000	Sewer Flow Monitoring Expense	17,500	9,120	8,380	52%
5624-000	Sewer Camera Van Inspection	8,000	-	8,000	0%
5625-000	Sewer Interceptor Maintenance	20,000	-	20,000	0%
5628-000	Sewer Lift Station Maintenance	14,000	3,276	10,724	23%
Collection System Expense		\$ 121,000	\$ 66,995	\$ 54,005	55%
Wastewater Totals					
Totals		\$ 4,133,645	\$ 2,123,278	\$ 2,010,367	51%

Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
\$ -	\$ -	0%
1,900,000	(90,200)	105%
\$ 1,900,000	\$ (90,200)	105%
\$ -	\$ -	0%
26,500	-	100%
18,750	750	96%
8,750	(250)	103%
6,250	750	89%
17,500	-	100%
8,000	-	100%
10,000	10,000	50%
14,000	-	100%
\$ 109,750	\$ 11,250	91%
\$ 4,149,845	\$ 21,750	100%

Crescenta Valley Water District
Wastewater Budget Variance Report
Board - As of December 31, 2021 (50% of Year)

		2nd Quarter Actuals			
GL#	Description	Annual Budget	2nd Quarter Actual	Remaining Annual Budget	% of Total Budget
Compensation and Benefits					
02-01-5000-100	Director Fees	\$ 10,800	\$ 3,555	\$ 7,245	33%
02-01-5060-000	Taxes - Payroll	706	263	443	0
02-01-5085-000	Workers' Compensation Ins	100	20	80	0
Compensation and Benefits		\$ 11,606	\$ 3,838	\$ 7,768	33%
Gen'l and Admin Expenses					
02-01-5320-000	Conferences & Seminars	\$ 1,250	\$ -	\$ 1,250	0%
02-01-5350-000	Misc Administration		46	(46)	0%
Gen'l and Admin Expenses		\$ 1,250	\$ 46	\$ 1,204	4%
Board - Wastewater					
Totals		12,856.00	3,884.00	8,972.00	30%

Management Estimate		
Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
\$ 10,000	\$ 800	93%
600	106	85%
44	56	44%
\$ 10,644	\$ 962	92%
\$ 1,250	\$ -	100%
50	(50)	0%
\$ 1,300	\$ (50)	104%
11,944	912	93%

**Crescenta Valley Water District
Wastewater Budget Variance Report
Operations - December 31, 2021 (50% of Year)**

		2nd Quarter Actuals			
GL#	Description	Annual Budget	2nd Quarter Actual	Remaining Annual Budget	% of Total Budget
Compensation and Benefits					
02-02-5000-300	Administrative Service - Labor	\$ 22,956	\$ 10,724	\$ 12,232	47%
02-02-5000-310	Administrative Service - OT	250	154	96	62%
02-02-5000-400	Maintenance Labor	140,327	\$ 78,633	61,694	56%
02-02-5000-410	Maintenance Labor OT	22,000	\$ 4,383	17,617	20%
02-02-5000-800	Standby Pay	17,143	\$ 8,540	8,603	50%
02-02-5047-000	Phone Allowance	1,411	\$ -	1,411	0%
02-02-5050-000	Employer Portion of PERS	56,346	\$ 21,782	34,564	39%
02-02-5060-000	Taxes-Payroll	35,738	\$ 6,405	29,333	18%
02-02-5070-000	Sick Leave/Vacation	22,468	\$ 16,454	6,014	73%
02-02-5080-000	Health Dental Vision	97,496	\$ 52,234	45,262	54%
02-02-5082-000	Life and Disability Insurance	2,333	\$ 1,259	1,074	54%
02-02-5083-000	Self Insurance		\$ -	-	0%
02-02-5084-000	Wellness Program	1,440	\$ 201	1,239	14%
02-02-5085-000	Workers' Compensation Ins	15,535	\$ 8,557	6,978	55%
Compensation and Benefits		\$ 435,443	\$ 209,326	\$ 226,117	48%
Gen'l and Admin Expenses					
02-02-5180-000	Office Supplies & Misc Expense	\$ 9,000	\$ 2,645	\$ 6,355	29%
02-02-5180-100	Misc Expense - COVID-19	\$ 1,000	\$ 113	\$ 887	11%
02-02-5320-000	Conferences & Seminars	1,875	\$ 670	1,205	36%
02-02-5355-000	Memberships/Subscriptions	500	\$ 459	41	0%
Gen'l and Admin Expenses		\$ 12,375	\$ 3,887	\$ 8,488	0%

Management Estimate		
Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
\$ 22,000	\$ 956	96%
400	(150)	160%
160,000	(19,673)	114%
8,800	13,200	40%
17,100	43	100%
-	1,411	0%
44,000	12,346	78%
13,000	22,738	36%
30,000	(7,532)	134%
100,000	(2,504)	103%
2,500	(167)	107%
-	-	0%
1,440	-	100%
17,000	(1,465)	109%
\$ 416,240	\$ 19,203	96%
\$ 7,000	\$ 2,000	78%
\$ 750	\$ 250	75%
1,250	625	67%
500	-	100%
\$ 9,500	\$ 2,875	77%

**Crescenta Valley Water District
Wastewater Budget Variance Report
Operations - December 31, 2021 (50% of Year)**

GL#	Description	Annual Budget	2nd Quarter Actual	Remaining Annual Budget	% of Total Budget
Operation Expense					
02-02-5150-000	Building Maintenance-Plant	\$ 6,500	\$ 1,058	\$ 5,442	16%
02-02-5170-000	Landscaping Expense-Plant	5,200	\$ 1,253	3,947	24%
02-02-5200-000	Utilities-Plant	4,450	\$ 1,371	3,079	31%
02-02-5300-000	Training-Plant	3,175	\$ 1,584	1,591	50%
02-02-5310-000	Operator Certifications-Educ	500	\$ 1,131	(631)	226%
02-02-5311-000	Tuition Reimbursement	500	\$ -	500	0%
02-02-5330-000	Safety & Security	5,750	\$ 5,425	325	94%
02-02-5350-000	Misc Administration	1,250	\$ 572	678	46%
02-02-5340-000	Uniforms	4,625	\$ 1,179	3,446	25%
02-02-5360-000	Emergency Operations/Repairs	8,000	\$ 3,766	4,234	47%
02-02-5380-000	Tools and Eq Maintenance	17,650	\$ 2,934	14,716	17%
02-02-5402-000	Power Purchased - Lift Stn	-	\$ 37	(37)	0%
01-02-5441-000	Inventory Shrinkage/Overage	2,400	\$ -	2,400	0%
02-02-5445-000	Telemetry & Signal System	3,750	\$ -	3,750	0%
Operation Expense		\$ 63,750	\$ 20,310	\$ 43,440	32%

Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
\$ 5,000	\$ 1,500	77%
5,200	-	100%
3,938	513	88%
3,175	-	100%
1,000	(500)	200%
625	(125)	125%
8,250	(2,500)	143%
1,250	-	100%
2,500	2,125	54%
8,000	-	100%
15,000	2,650	85%
-	-	0%
-	2,400	0%
-	3,750	0%
\$ 53,938	\$ 9,813	85%

**Crescenta Valley Water District
Wastewater Budget Variance Report
Operations - December 31, 2021 (50% of Year)**

GL#	Description	Annual Budget	2nd Quarter Actual	Remaining Annual Budget	% of Total Budget
Collection System Expense					
02-02-5423-100	Pipelines - Maintenance	26,500	\$ 23,084	3,416	87%
02-02-5440-100	Auto/Truck Maintenance	19,500	\$ 25,427	(5,927)	130%
02-02-5440-200	Auto/Truck Maintenance-Gas	8,500	\$ 3,589	4,911	42%
02-02-5440-300	Auto/Truck Maintenance-Diesel	7,000	\$ 2,499	4,501	36%
02-02-5621-000	Sewer Flow Monitoring Expense	-	\$ 9,120	(9,120)	0%
02-02-5624-000	Sewer Camera Van Inspection	8,000	\$ -	8,000	0%
02-02-5625-000	Sewer Interceptor Maintenance	20,000	\$ -	20,000	0%
02-02-5628-000	Sewer Lift Station Maintenance	14,000	\$ 3,276	10,724	23%
Collection System Expense		\$ 103,500	\$ 66,995	\$ 36,505	65%
Wastewater System Expense					
02-02-5434-000	Emergency Power Generators	\$ -	\$ -	\$ -	0%
02-02-5700-000	Wastewater System Expense	1,809,800	\$ 1,155,993	653,807	64%
Wastewater System Expense		\$ 1,809,800	\$ 1,155,993	\$ 653,807	64%
Operations - Wastewater					
Totals		\$ 2,424,868	\$ 1,456,511	\$ 968,357	60%

Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
\$ 26,500	-	100%
18,750	750	96%
8,750	(250)	103%
6,250	750	89%
-	-	0%
8,000	-	100%
10,000	10,000	50%
14,000	-	100%
\$ 92,250	\$ 11,250	89%
	\$ -	0%
1,900,000	(90,200)	105%
\$ 1,900,000	\$ (90,200)	105%
\$ 2,471,928	\$ (47,060)	102%

Crescenta Valley Water District
Wastewater Budget Variance Report
Engineering - As of December 31, 2021 (50% of Year)

		2nd Quarter Actuals			
GL#	Description	Annual Budget	2nd Quarter Actual	Remaining Annual Budget	% of Total Budget
Compensation and Benefits					
02-03-5000-000	Engineering Labor	\$ 145,661	\$ 49,487	\$ 96,174	34%
02-03-5000-010	Engineering Labor OT	2,500	70	2,430	3%
02-03-5045-000	Automobile Allowance	3,300	1,650	1,650	50%
02-03-5047-000	Phone Allowance	605	-	605	0%
02-03-5050-000	Employer Portion of PERS	39,914	16,166	23,748	41%
02-03-5060-000	Taxes-Payroll	17,947	4,639	13,308	26%
02-03-5070-000	Sick Leave/Vacation	12,749	9,339	3,410	73%
02-03-5080-000	Health Dental Vision	38,324	16,406	21,918	43%
02-03-5082-000	Life and Disability Insurance	1,517	818	699	54%
02-03-5083-000	Self Insurance	2,400	1,041	1,359	43%
02-03-5084-000	Wellness Program	720	75	645	10%
02-03-5085-000	Workers' Compensation Ins	2,486	962	1,524	39%
Compensation and Benefits		\$ 268,123	\$ 100,653	\$ 167,470	38%
Gen'l and Admin Expenses					
02-03-5130-000	Administrative Consultants	\$ 178,800	\$ -	\$ 178,800	0%
02-03-5135-000	Interns	7,050	1,098	5,952	16%
02-03-5180-000	Office Supplies & Misc Expense	1,500	471	1,029	31%
02-03-5180-100	Misc Expense - COVID-19	500	-	500	0%
02-03-5260-000	Engineering Expense	3,750	576	3,174	15%
02-03-5300-000	Training	300	195	105	65%
02-03-5310-000	Operator Certifications-Educ	2,320	400	1,920	17%
02-03-5320-000	Conferences & Seminars	2,250	321	1,929	14%
02-03-5311-000	Tuition Reimbursement	250	-	250	0%
02-03-5355-000	Memberships/Subscriptions	250	19	231	8%
02-03-5350-000	Misc Administration	125	-	125	0%
Gen'l and Admin Expenses		\$ 197,095	\$ 3,080	\$ 193,890	2%
Collection System Expense					
02-03-5621-000	Sewer Flow Monitoring Expense	\$ 17,500	\$ -	\$ 17,500	0%
02-03-5410-000	Backflow Expense	200			
Collection System Expense		\$ 17,700	\$ -	\$ 17,500	0%
Engineering - Wastewater					

Management Estimate		
Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
\$ 99,000	\$ 46,661	68%
500	2,000	20%
3,300	-	100%
-	605	0%
33,000	6,914	83%
10,748	7,199	60%
15,000	(2,251)	118%
38,000	324	99%
1,636	(119)	108%
2,400	-	100%
300	420	42%
2,000	486	80%
\$ 205,884	\$ 62,239	77%
\$ 191,500	\$ (12,700)	107%
5,600	1,450	79%
1,000	500	67%
	500	0%
1,875	1,875	50%
500	(200)	167%
900	1,420	39%
2,665	(415)	118%
	250	0%
	250	0%
200	(75)	160%
\$ 204,240	\$ (7,145)	104%
17,500	\$ -	100%
\$ -	\$ -	0%

Crescenta Valley Water District
Wastewater Budget Variance Report
Engineering - As of December 31, 2021 (50% of Year)

GL#	Description	Annual Budget	2nd Quarter Actual	Remaining Annual Budget	% of Total Budget
Totals		\$ 482,918	\$ 103,733	\$ 378,860	21%

Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
\$ 410,124	\$ 55,094	85%

Crescenta Valley Water District
Wastewater Budget Variance Report
Regulatory - As of December 31, 2021 (50% of Year)

		2nd Quarter Actuals			
GL#	Description	Annual Budget	2nd Quarter Actual	Remaining Annual Budget	% of Total Budget
Compensation and Benefits					
02-04-5000-300	Administrative Service - Labor	\$ 31,353	\$ 14,888	\$ 16,465	47%
02-04-5045-000	Automobile Allowance	1,500	750	750	50%
02-04-5050-000	Employer Portion of PERS	9,467	3,911	5,556	41%
02-04-5060-000	Taxes-Payroll	4,356	1,194	3,162	27%
02-04-5070-000	Sick Leave/Vacation	3,234	2,348	886	73%
02-04-5080-000	Health Dental Vision	8,968	3,965	5,003	44%
02-04-5082-000	Life and Disability Insurance	379	189	190	50%
02-04-5083-000	Self Insurance	1,200	648	552	54%
02-04-5084-000	Wellness Program	120	-	120	0%
02-04-5085-000	Workers' Compensation Ins	367	210	157	57%
Compensation and Benefits		\$ 60,944	\$ 28,103	\$ 32,841	46%
Gen'l and Admin Expenses					
02-04-5130-000	Administrative Consultants	\$ 10,000	\$ -	\$ 10,000	0%
02-04-5135-000	Interns	\$ -	\$ -	\$ -	0%
02-04-5180-000	Office Supplies & Misc Expense	750	66	684	9%
02-04-5320-000	Conferences & Seminars	625	-	625	0%
02-04-5355-000	Memberships/Subscriptions	1,368	-	1,368	0%
Gen'l and Admin Expenses		\$ 12,743	\$ 66	\$ 10,684	1%
Regulatory - Wastewater					
Totals		\$ 73,687	\$ 28,169	\$ 43,525	38%

Management Estimate		
Projected Year-End Expense	Projected Remaining Budget	%
\$ 29,776	\$ 1,577	95%
1,500	-	100%
7,822	1,645	83%
2,388	1,968	55%
4,696	(1,462)	145%
7,930	1,038	88%
378	1	100%
1,296	(96)	108%
-	120	0%
420	(53)	114%
\$ 56,206	\$ 4,738	92%
\$ 10,000	\$ -	100%
\$ -	\$ -	0%
\$ 250	\$ 500	33%
\$ 188	\$ 437	30%
\$ -		
\$ 10,438	\$ 500	82%
\$ 66,644	\$ 5,238	90%

Crescenta Valley Water District
Wastewater Budget Variance Report
Technology - As of December 31, 2021 (50% of Year)

		2nd Quarter Actuals			
GL#	Description	Annual Budget	2nd Quarter Actual	Remaining Annual Budget	% of Total Budget
Gen'l and Admin Expenses					
02-05-5130-000	Administrative Consultants	\$ 47,050	\$ -	\$ 47,050	0%
02-05-5180-000	Office Supplies & Misc Expense	-	\$ -	-	0%
02-05-5190-000	Computers and Network	6,275	\$ 3,487	2,788	56%
02-05-5195-000	Computer Software	17,694	\$ 19,084	(1,390)	108%
02-05-5225-000	Enterprise Voice Com	4,500	\$ 3,411	1,089	76%
02-05-5226-000	Wireless Voice & Data	4,690	\$ 2,860	1,830	61%
02-05-5227-000	Data Communications - Fiber	13,050	\$ 5,478	7,572	42%
Gen'l and Admin Expenses		\$ 93,259	\$ 34,320	\$ 58,939	37%
Operation Expense					
02-05-5445-100	Telemetry & Signal System	\$ -	\$ -	\$ -	0%
02-05-5445-200	SCADA Hardware	-	\$ 2,566	(2,566)	0%
02-05-5445-300	SCADA Software	7,548	\$ -	7,548	0%
02-05-5445-400	SCADA Phone Lines	-	\$ -	-	0%
Operation Expense		\$ 7,548	\$ 2,566	\$ 4,982	34%
Technology - Wastewater					
Total Expense		\$ 100,807	\$ 36,886	\$ 63,921	37%

Management Estimate		
Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
\$ 47,050	\$ -	100%
-	-	0%
5,000	1,275	80%
25,000	(7,306)	141%
7,000	(2,500)	156%
5,700	(1,010)	122%
11,000	2,050	84%
\$ 100,750	\$ (7,491)	108%
Operation Expense		
\$ 120	\$ (120)	0%
6,000	(6,000)	0%
7,548	-	100%
-	-	0%
\$ 13,668	\$ (6,120)	181%
Technology - Wastewater		
\$ 114,418	\$ (13,611)	114%

Crescenta Valley Water District
Wastewater Budget Variance Report
Administration - As of December 31, 2021 (50% of Year)

		2nd Quarter Actuals			
GL#	Description	Annual Budget	2nd Quarter Actual	Remaining Annual Budget	% of Total Budget
Compensation and Benefits					
02-06-5000-200	Officer Salaries	\$ 212,977	\$ 104,555	\$ 108,422	49%
02-06-5000-300	Administrative Service - Labor	195,214	\$ 95,163	100,051	49%
02-06-5000-310	Administrative Service - OT	6,000	\$ 1,904	4,096	32%
02-06-5045-000	Automobile Allowance	5,400	\$ 2,700	2,700	50%
02-06-5047-000	Phone Allowance	960	\$ 315	645	33%
02-06-5050-000	Employer Portion of PERS	174,840	\$ 90,685	84,155	52%
02-06-5060-000	Taxes-Payroll	27,755	\$ 13,941	13,814	50%
02-06-5070-000	Sick Leave/Vacation	18,503	\$ 23,915	(5,412)	129%
02-06-5080-000	Health Dental Vision	66,574	\$ 21,451	45,123	32%
02-06-5080-100	Retiree Health Care Expense	96,528	\$ -	96,528	0%
02-06-5082-000	Life and Disability Insurance	2,292	\$ 900	1,392	39%
02-06-5083-000	Self Insurance	6,000	\$ 803	5,197	13%
02-06-5084-000	Wellness Program	1,720	\$ 470	1,250	27%
02-06-5085-000	Workers' Compensation Ins	2,785	\$ 1,597	1,188	57%
Compensation and Benefits		\$ 817,548	\$ 358,399	\$ 459,149	44%

Management Estimate		
Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
\$ 210,500	\$ 2,477	99%
190,000	5,214	97%
4,000	2,000	67%
5,400	-	100%
700	260	73%
180,000	(5,160)	103%
27,800	(45)	100%
30,000	(11,497)	162%
60,000	6,574	90%
96,528	-	100%
1,800	492	79%
6,000	-	100%
1,720	-	100%
3,000	(215)	108%
\$ 817,448	\$ 100	100%

Crescenta Valley Water District
Wastewater Budget Variance Report
Administration - As of December 31, 2021 (50% of Year)

GL#	Description	Annual Budget	2nd Quarter Actual	Remaining Annual Budget	% of Total Budget
Gen'l and Admin Expenses					
02-06-5090-000	GL, Property, Fidelity Ins	\$ 67,000	\$ 34,671	\$ 32,329	52%
02-06-5100-000	Accounting	9,750	\$ 5,406	4,344	55%
02-06-5125-000	Legal	44,500	\$ 10,115	34,385	23%
02-06-5130-000	Administrative Consultants	3,500	\$ 32,530	(29,030)	929%
02-06-5150-000	Building Maintenance	6,213	\$ 1,073	5,140	17%
02-06-5170-000	Landscaping Expense	2,198	\$ 838	1,360	38%
02-06-5180-000	Office Supplies & Misc Expense	3,000	\$ 2,038	962	68%
02-06-5180-100	Misc Expense - COVID-19	625	\$ 1,500	(875)	240%
02-06-5200-000	Utilities	7,101	\$ 3,465	3,636	49%
02-06-5230-000	Printing Postage Stationery	32,500	\$ 19,012	13,488	58%
02-06-5300-000	Training	1,500	\$ 294	1,206	20%
02-06-5311-000	Tuition Reimbursement	438			
02-06-5320-000	Conferences & Seminars	1,233	\$ 334	899	27%
02-06-5350-000	Misc Administration	1,790	\$ 4,101	(2,311)	229%
02-06-5355-000	Memberships/Subscriptions	7,750	\$ 6,009	1,741	78%
02-06-5365-000	Bank Charges	30,000	\$ 13,359	16,641	45%
Gen'l and Admin Expenses		\$ 219,097	\$ 134,745	\$ 83,914	62%
Non-Operating Expense					
02-06-5920-100	Rental Expenses - PA House	\$ 875	\$ -	\$ 875	0%
02-06-5920-200	Rental Expenses - Sycamore	875	\$ -	875	0%
02-06-5920-300	Rental Expenses - Mills	875	\$ 9	866	1%
Non-Operating Expense		\$ 2,625	\$ 9	\$ 2,616	0%
Operation Expense					
02-06-5145-000	Taxes-Property	\$ 5,152	\$ 2,555	\$ 2,597	50%
Operation Expense		\$ 5,152	\$ 2,555	\$ 2,597	50%
Administration - Wastewater					
Total Expense		\$ 1,044,422	\$ 495,708	\$ 548,276	47%

Projected Year-End Expense	Projected Remaining Budget	% of Total Budget
\$ 70,000	\$ (3,000)	104%
9,750	-	100%
50,000	(5,500)	112%
18,000	(14,500)	514%
2,836	3,377	46%
1,676	522	76%
4,000	(1,000)	133%
1,500	(875)	240%
7,000	101	99%
33,000	(500)	102%
1,500	-	100%
-		
1,300	(67)	105%
8,000	(6,210)	447%
6,000	1,750	77%
27,000	3,000	90%
\$ 241,562	\$ (22,903)	110%
Non-Operating Expense		
\$ 850	\$ 25	97%
850	25	97%
850	25	97%
\$ 2,550	\$ 75	97%
Operation Expense		
\$ 5,152	\$ -	100%
\$ 5,152	\$ -	100%
Administration - Wastewater		
\$ 1,066,712	\$ (22,728)	102%

CRESCENTA VALLEY WATER DISTRICT

STAFF REPORT

Action Item No. 3
February 8, 2022

To: Engineering Committee
From: Brook Yared, M.S., P.E. – Engineering Manager
Subject: Advertise for Bids – Installation of New Fire Service for Clark Magnet High School, Project D-21-G2

ACTION ITEM:

Installation of a New Fire Service for Clark Magnet High School, Project D-21-G2 -
Consideration and motion to authorize the General Manager to advertise for bids for said project with an Engineer's Estimate of \$151,000.

BACKGROUND:

Crescenta Valley Water District (CVWD) has been assisting Glendale Unified School District's (GUSD) on the construction of a new building at Anderson W. Clark Magnet High School (Clark) and the installation of a new fire service line. During the planning process and as requested by GUSD's design team, CVWD investigated the possibility of providing fire service protection to the new building and found that a critical portion of the existing water distribution system in the area could not provide adequate water pressure and flow for fire protection.

Staff utilized CVWD's water hydraulic model (model) to determine the best course of action to improve the water system to meet GUSD's fire service needs. The model showed that by installing approximately 275 linear feet of 8-inch water main on Cloudsdale Ave to an existing 8-inch main on Santa Carlotta through a new pressure reducing station at the intersection of Cloudsdale Ave and Santa Carlotta, thereby Clark would have the flow and pressure they required for their new building.

After reviewing the design with MKN, staff determined that a pressure reducing valve would not be required to provide an adequate fire service for Clark. Instead, a transmission main could be constructed directly from Zone 7 to Clark. After running this new scenario through CVWD's hydraulic model, it was determined that this new design would supply an adequate amount of flow and pressure to Clark for fire protection. This design change has reduced the cost of design and construction by approximately \$90,000.

DISCUSSION:

MKN has completed the design and technical specifications of the work. Staff reviewed those specifications and are ready to begin advertising for bids for the construction of the new fire service. The following are the costs incurred by CVWD up to this point:

Company Name	Service	Cost
MKN	Design Engineering Services	\$43,400.87
Akel Engineering	Hydraulic Modeling Services	\$1,270.00
Total:		\$44,670.87

Prior to awarding the contract for construction services, staff will approach GUSD with a request for reimbursement of all modeling and design costs so far. Moving forward, staff will be sharing the quotes for materials purchased based on the construction plans with GUSD, so they are informed. Staff will also be sharing all monthly progress payment and any change order quotes that arise with GUSD as construction progresses in order to expedite future reimbursements.

RECOMMENDATION:

It is staff's recommendation to the Board of Directors to authorize the General Manager to advertise for bids for said project with an Engineer's Estimate of \$151,000.

ENVIRONMENTAL REVIEW:

Environmental review has been performed by GUSD and found this project to be categorically exempt.

FUNDING AVAILABILITY:

There are funds available in the following account for the project:

Account Description	Amount
FY 21/22 Budget – No Funding Available	-
Project D-21-G2 – Design and Consulting Services	<\$69,600>
Project D-21-G2 – Materials and Inspection Services Estimate	<\$55,000>
Project D-21-G2 – Construction Services Estimate	<\$151,000>
Project D-21-G2 – Construction Services Contingency (10%)	<\$15,100>
Project D-21-G2 – Total Cost Estimate	<\$290,700>
Amount to be reimbursed by GUSD	\$290,700

Prepared by:



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

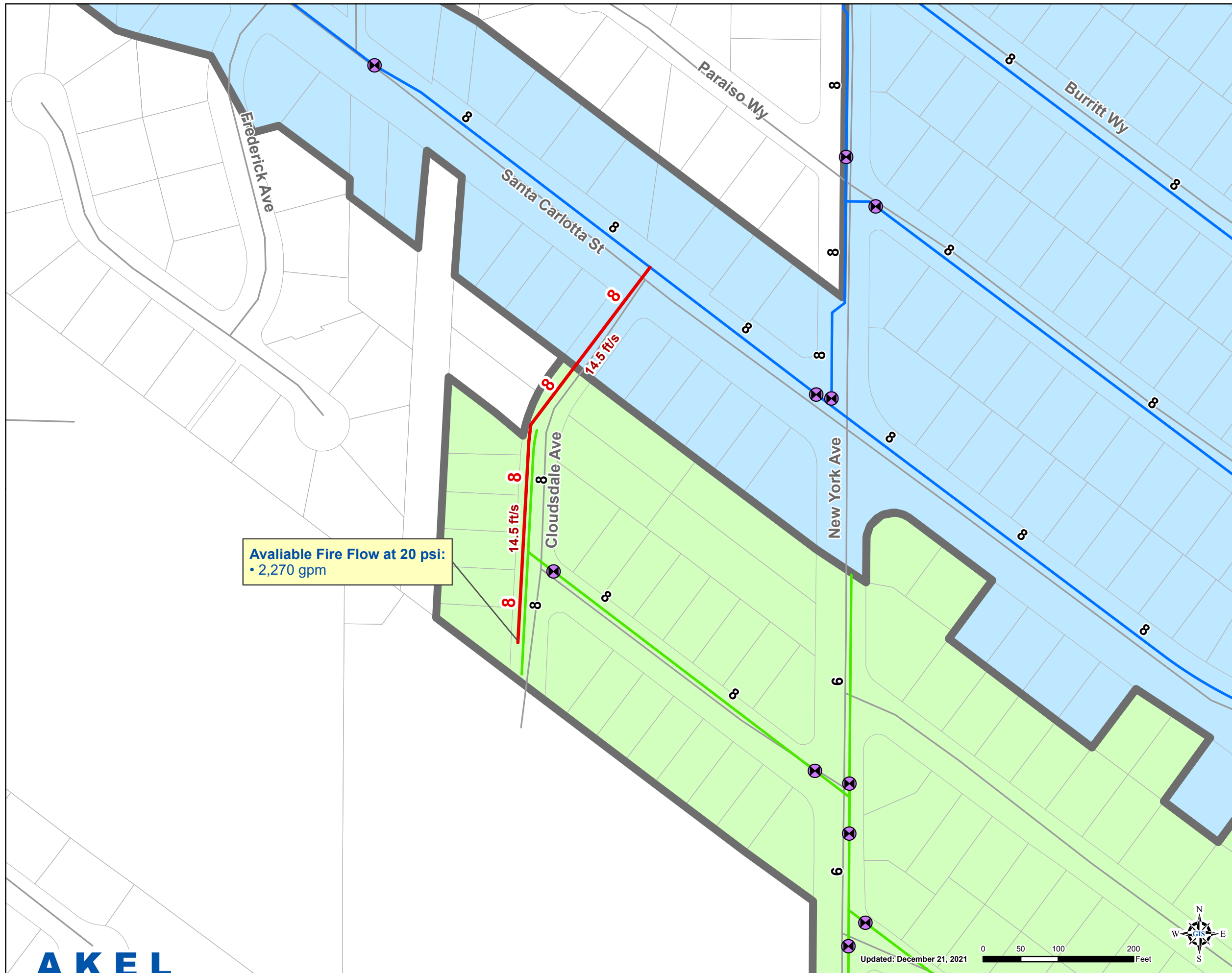
Submitted by:



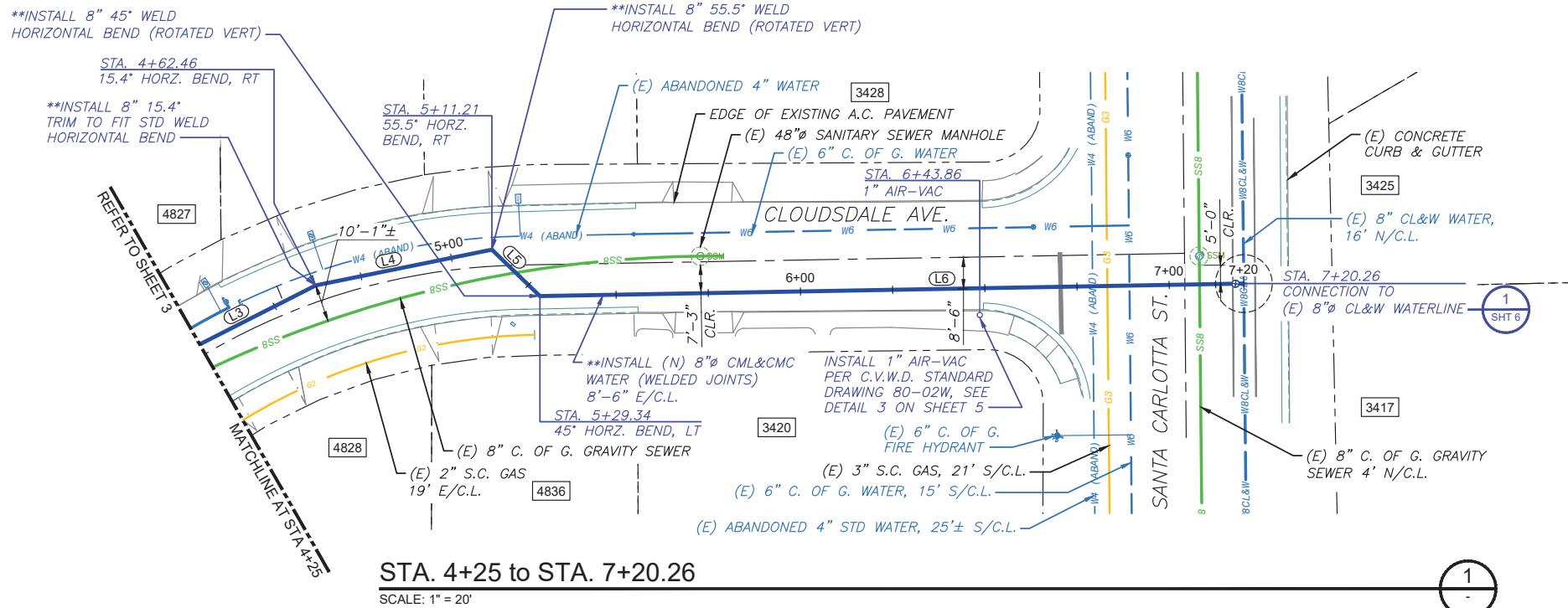
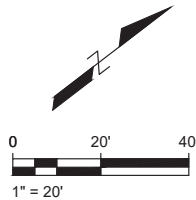
David S. Gould, P.E.
Director of Engineering & Operations

Attachments:

1. Project Location Map
2. Construction Drawings



LINE TABLE		
LINE #	LENGTH	DIRECTION
L3	48.74	N10° 35' 45.56"E
L4	48.74	N26° 00' 50.90"E
L5	18.13	N81° 30' 16.43"E
L6	190.92	N36° 30' 16.42"E

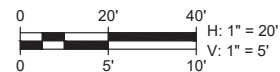
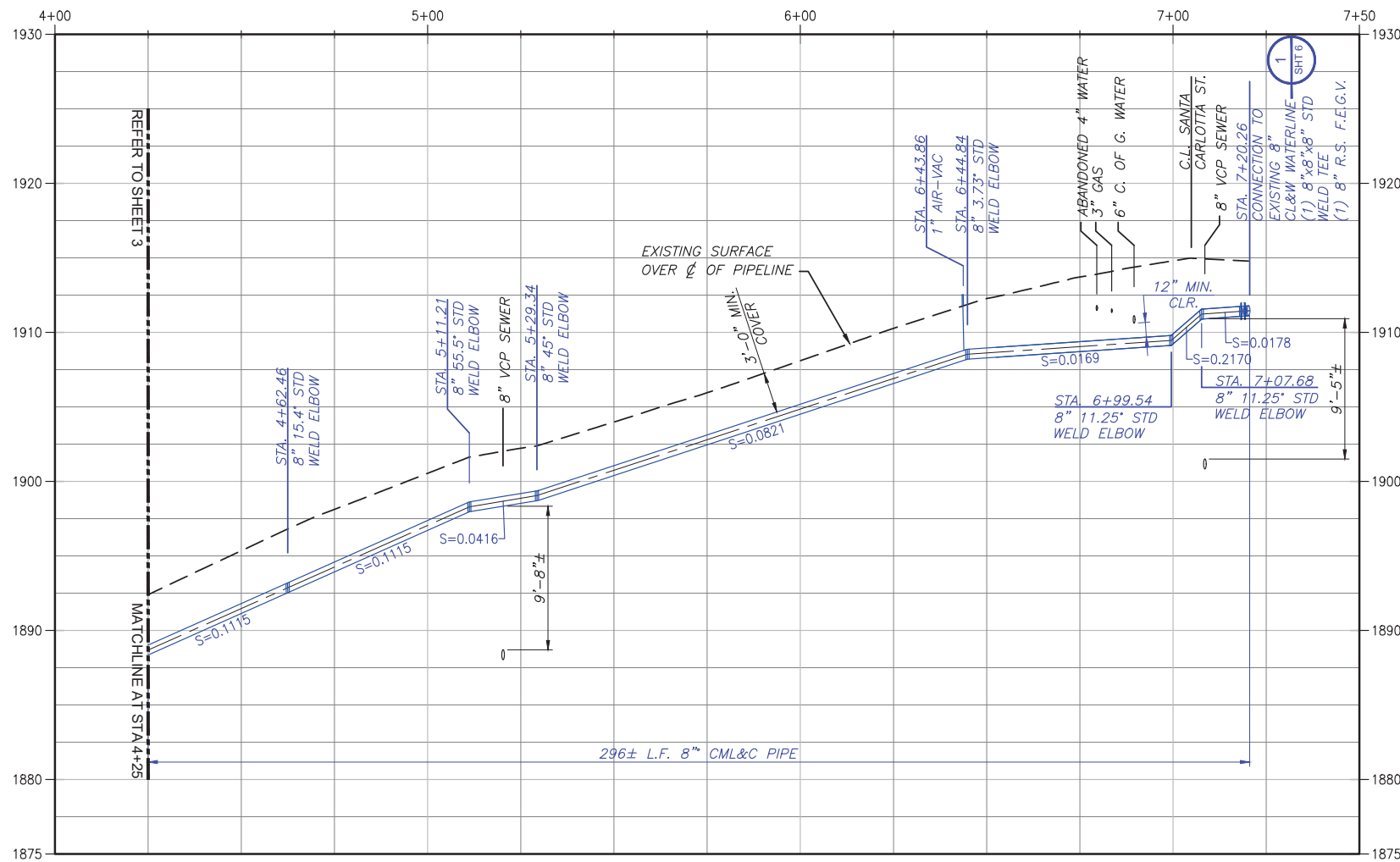


FOR PRELIMINARY USE ONLY
NOT TO BE USED FOR CONSTRUCTION

DATE: JANUARY 2022
**100% PLANSET - NOT FOR CONSTRUCTION

* POTHOLE PRIOR TO CONSTRUCTION FOR DEPTH, LOCATION & CONDITION OF UNDERGROUND FACILITIES

** INSTALLATION OF 8"Ø CML&CMC WILL REQUIRE EACH JOINT TO BE FULLY WELDED PER L.A.C.D.P.W. STANDARD PLANS DWG. W-50 FOR ZONE "B" WATER MAIN CONSTRUCTION REQUIREMENTS.



CALL 811
AT LEAST TWO DAYS
BEFORE YOU DIG



DISCLAIMER
APPROVAL BY C.V.W.D. DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF DESIGN OR THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES, STRUCTURES, AND CONDITIONS WITHIN THE LIMITS OF THE PROJECT.

REV	DATE	DESCRIPTION	REV	DATE	DESCRIPTION
1			1		
2			2		
3			3		
4			4		

SCALE: AS SHOWN	DATE
DRAWN BY: JPF	
CHECKED BY: ---	
APPROVED: ---	
AS BUILT:	

CRESCENTA VALLEY WATER DISTRICT
ANDERSON W. CLARK MAGNET HIGH SCHOOL FIRE SERVICE LINE
PLAN AND PROFILE
STA. 4+25 to STA. 7+20.26

CITY OF GLENDALE PERMIT No.: CV-20-21	SHT. 4 OF 7 SHTS.
COMPLETION DATE: JAN. 2022	FILE NO.
D-21-G2	C-460

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 4
February 8, 2022

To: Honorable President and Members of the Board of Directors
From: Nem Ochoa, P.E. – General Manager
Subject: Foothill Municipal Water District Proposed Redistricting

ACTION ITEM:

Update on FMWD proposed redistricting

BACKGROUND:

The Foothill Municipal Water District (FMWD) provides imported water to Crescenta Valley Water District. FMWD has five divisions within its service area. Each division is represented by an FMWD board member. Each board member is elected by the population within each division. According to law, each division should have a limited deviation in population and voting age population.

Every ten years, a redistricting study is completed by FMWD. This study is required by law and must use the latest census data. FMWD completed this study and recommends that three divisional boundaries change so that the deviation between the voting population of each division is less than 10%.

For these changes to be acted on, FMWD must have two public hearings. The FMWD Board of Directors can adopt the changes after the second public hearing. The changed boundaries must be submitted to the Los Angeles County Registrar Recorder's office by April 17. The public hearings are scheduled to be held during FMWD's regularly scheduled board meetings on February 22, 2022 and March 21, 2022.

DISCUSSION:

FMWD's board letter and notice of public hearing regarding the proposed redistricting is attached for reference.

RECOMMENDATION:

Review and discuss proposed redistricting as an informational item.

Submitted by:



Nem Ochoa
General Manager

Attachments:

1. FMWD Board Letter regarding redistricting/public hearing



January 2022 Board Letter

Date: 01/18/2022

To: Board of Directors

From: General Manager

RE: Redistricting Public Hearings

Information Item: 7.2

Recommendation: For Information Only

Background

Every ten years, a redistricting study is completed by the District. This study is required by law and must use the latest census data. The parameters of the study include adjusting divisions within the District for population and also voting population.

Current Situation

Staff has completed this study and recommends that three Divisions' boundaries change so that the deviation between the voting population of the Divisions is less than 10%. The population and voting population using the current Division boundaries is shown in Attachment A. The population and voting population for the proposed Division boundaries is shown in Attachment B. A map of the proposed change in the District boundaries is shown in Attachment C. The purple lines are the current District boundaries. The proposed modifications are shown in the redrawn lines.

For these changes in District boundaries, the District must have two public hearings and the Board may adopt the changes after the second public hearing. The changed boundaries must be submitted to the Los Angeles County Registrar Recorder's office by April 17. Notification to the public of the hearings and proposed changes can be done through the internet and via email. The public hearings are scheduled to be held as part of the February 22, 2022 and March 21, 2022 Board meetings.

Prior Board Action:

November 2011 – Report regarding Redistricting accepted by Directors

Impact on Budget:

None

Attachment A

Foothill Municipal Water District District Division Population

Based on 2020 Decennial Census Public Law 94-171 data for County of Los Angeles

2020 Population Data with 2020 (Current) District Division Boundaries

	Div 1	%	Div 2	%	Div 3	%	Div 4	%	Div 5	%	Totals	%
Total Pop.	16886		17511		16696		16785		17438		85316	
Hispanic	7134	42.25%	3308	18.89%	2385	14.28%	1922	11.45%	2117	12.14%	16866	19.77%
NH White	3909	23.15%	10244	58.50%	8454	50.63%	8846	52.70%	8977	51.48%	40430	47.39%
NH Black	4040	23.93%	1242	7.09%	1896	11.36%	141	0.84%	89	0.51%	7408	8.68%
NH Amer. Ind.	20	0.12%	20	0.11%	11	0.07%	26	0.15%	29	0.17%	106	0.12%
NH Asian	788	4.67%	1664	9.50%	2844	17.03%	4928	29.36%	5363	30.75%	15587	18.27%
NH Hawaiian	11	0.07%	30	0.17%	8	0.05%	4	0.02%	11	0.06%	64	0.08%
NH Other	112	0.66%	85	0.49%	144	0.86%	106	0.63%	61	0.35%	508	0.60%
NH Other MR	872	5.16%	918	5.24%	954	5.71%	812	4.84%	791	4.54%	4347	5.10%
Total 18+ Pop.	13378		14519		13349		12870		13650		67766	
18+ Hispanic	5296	39.59%	2452	16.89%	1755	13.15%	1287	10.00%	1535	11.25%	12325	18.19%
NH 18+ White	3223	24.09%	8856	61.00%	7039	52.73%	7251	56.34%	7395	54.18%	33764	49.82%
NH 18+ Black	3483	26.04%	1103	7.60%	1682	12.60%	114	0.89%	82	0.60%	6464	9.54%
NH 18+ Amer. Ind.	13	0.10%	20	0.14%	11	0.08%	22	0.17%	27	0.20%	93	0.14%
NH 18+ Asian	694	5.19%	1437	9.90%	2179	16.32%	3703	28.77%	4097	30.01%	12110	17.87%
NH 18+ Hawaiian	11	0.08%	27	0.19%	7	0.05%	4	0.03%	8	0.06%	57	0.08%
NH 18+ Other	76	0.57%	70	0.48%	98	0.73%	78	0.61%	50	0.37%	372	0.55%
NH 18+ Other MR	582	4.35%	554	3.82%	578	4.33%	411	3.19%	456	3.34%	2581	3.81%
Total Minority	12977	76.85%	7267	41.50%	8242	49.37%	7939	47.30%	8461	48.52%	44886	52.61%
Total 18+ Minority	10155	75.91%	5663	39.00%	6310	47.27%	5619	43.66%	6255	45.82%	34002	50.18%

Ideal District: 17064				Ideal 18+ District: 13554			
Division	Population	Deviation	Deviation %	Division	Population	Deviation	Deviation %
1	16886	178	1.04%	1	13378	176	1.30%
2	17511	-447	-2.62%	2	14519	-965	-7.12%
3	16696	368	2.16%	3	13349	205	1.51%
4	16785	279	1.64%	4	12870	684	5.05%
5	17438	-374	-2.19%	5	13650	-96	-0.71%
Overall Range: 9.65				Overall Range: 15.69			
Mean Deviation: 1.93%				Mean Deviation: 3.14%			
Deviation Range: 4.78%				Deviation Range: 12.17%			
< 10%				> 10%			

Attachment B

Foothill Municipal Water District District Division Population

Based on 2020 Decennial Census Public Law 94-171 data for County of Los Angeles

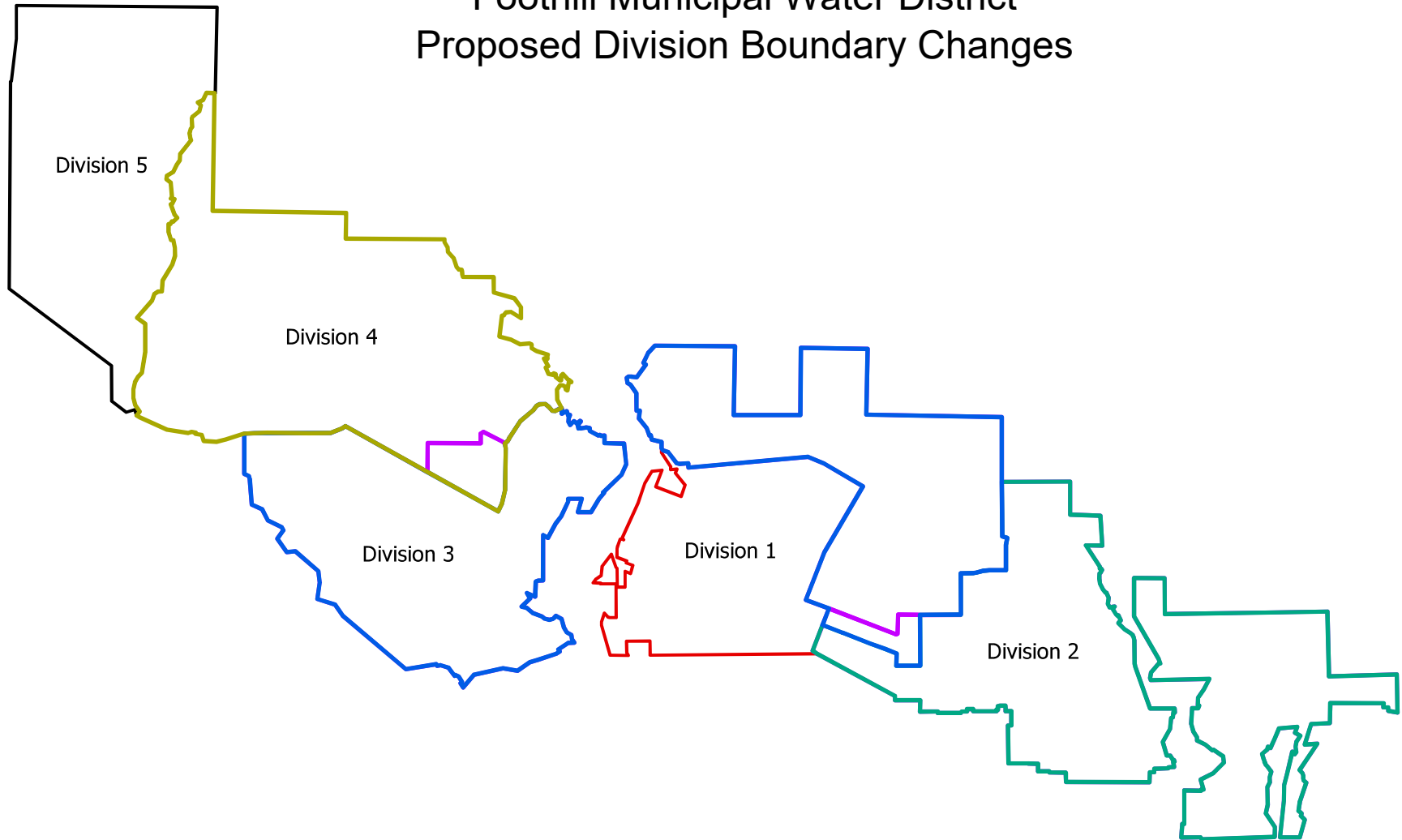
Modified District Division Boundaries to Balance Citizen Voting Age Population CVAP (Age 18+)

	D1 (Redist)	%	D2 (New)	%	D3 (New)	%	D4 (New)	%	D5 (Redist)	%	Totals	%
Total Pop.	16886		16643		16750		17599		17438		85316	
Hispanic	7134	42.25%	3171	19.05%	2437	14.55%	2007	11.40%	2117	12.14%	16866	19.77%
NH White	3909	23.15%	9759	58.64%	8546	51.02%	9239	52.50%	8977	51.48%	40430	47.39%
NH Black	4040	23.93%	1113	6.69%	2017	12.04%	149	0.85%	89	0.51%	7408	8.68%
NH Amer. Ind.	20	0.12%	17	0.10%	13	0.08%	27	0.15%	29	0.17%	106	0.12%
NH Asian	788	4.67%	1591	9.56%	2633	15.72%	5212	29.62%	5363	30.75%	15587	18.27%
NH Hawaiian	11	0.07%	30	0.18%	8	0.05%	4	0.02%	11	0.06%	64	0.08%
NH Other	112	0.66%	84	0.50%	135	0.81%	116	0.66%	61	0.35%	508	0.60%
NH Other MR	872	5.16%	878	5.28%	961	5.74%	845	4.80%	791	4.54%	4347	5.10%
Total 18+ Pop.	13378		13766		13493		13479		13650		67766	
18+ Hispanic	5296	39.59%	2357	17.12%	1785	13.23%	1352	10.03%	1535	11.25%	12325	18.19%
NH 18+ White	3223	24.09%	8407	61.07%	7176	53.18%	7563	56.11%	7395	54.18%	33764	49.82%
NH 18+ Black	3483	26.04%	986	7.16%	1799	13.33%	114	0.85%	82	0.60%	6464	9.54%
NH 18+ Amer. Ind.	13	0.10%	17	0.12%	13	0.10%	23	0.17%	27	0.20%	93	0.14%
NH 18+ Asian	694	5.19%	1367	9.93%	2044	15.15%	3908	28.99%	4097	30.01%	12110	17.87%
NH 18+ Hawaiian	11	0.08%	27	0.20%	7	0.05%	4	0.03%	8	0.06%	57	0.08%
NH 18+ Other	76	0.57%	70	0.51%	88	0.65%	88	0.65%	50	0.37%	372	0.55%
NH 18+ Other MR	582	4.35%	535	3.89%	581	4.31%	427	3.17%	456	3.34%	2581	3.81%
Total Minority	12977	76.85%	6884	41.36%	8204	48.98%	8360	47.50%	8461	48.52%	44886	52.61%
Total 18+ Minority	10155	75.91%	5359	38.93%	6317	46.82%	5916	43.89%	6255	45.82%	34002	50.18%

Ideal District: 17064				Ideal 18+ District: 13554			
Division	Population	Deviation	Deviation %	Division	Population	Deviation	Deviation %
1	16886	178	1.04%	1	13378	176	1.30%
2	16643	421	2.47%	2	13766	-212	-1.56%
3	16750	314	1.84%	3	13493	61	0.45%
4	17599	-535	-3.14%	4	13479	75	0.55%
5	17438	-374	-2.19%	5	13650	-96	-0.71%
Overall Range: 10.68				Overall Range: 4.57			
Mean Deviation: 2.14%				Mean Deviation: 0.91%			
Deviation Range: 5.60%				Deviation Range: 2.86% < 10%			

Attachment C

Foothill Municipal Water District Proposed Division Boundary Changes



NOTICE OF PUBLIC HEARINGS

Foothill Municipal Water District

Redistricting is a constitutionally mandated redrawing of local, state, and federal political boundaries every ten years following the United States Census. The result of the decennial (every ten years) census is that the lines of every Assembly, Senate, and Congressional District, as well as special districts such as the Foothill Municipal Water District, may be redrawn to better reflect changes in demographics and/or shifts in the population.

NOTICE IS HEREBY GIVEN that the Board of Directors of Foothill Municipal Water District will hold two public hearings to receive public input and testimony regarding a proposed re-alignment of the electoral districts for election to the Board (director divisions). The Board will consider plans based on the 2020 Census, presented by the District Engineer, as well as additional plans that the public may present.

Agendas for the meeting will be posted at: fmwd.com

The first public hearing will be held on February 22, 2022. The second public hearing will be held on March 21, 2022. These public hearings will take place as part of the regular Board of Directors meeting, which begins at 3:00 p.m. Both of the public hearings are open to the public and will be held via teleconference pursuant to Assembly Bill 361.

Board of Directors Meeting

Tuesday, February 22, 2022

3:00pm

And

Monday, March 21, 2022

Foothill Municipal Water District

Zoom Meeting Information:

<https://zoom.us/join>

Meeting Identification Number (ID) **993 2680 0954**

Password **419316**

Maps and other information regarding the redistricting can be viewed at:
www.fmwd.com/transparency.

The Board anticipates acting at the close of the second public hearing in March to change the director division plan.

For more information on the District's redistricting process, please contact Michael Le at (818) 790-4036.

CRESCENTA VALLEY WATER DISTRICT

General Manager Report

GM Report

February 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:

- All-Hands Strategic Planning Meeting
- Employee Spotlight of the Month
- Cost-Efficiency Measures
- Water Conservation & Public Outreach
- Maintenance & Operations Report
- Water Production, Hydrology Report, Engineering Projects

STAFFING

As of February 3rd the District has gone 31 days without a lost time accident.

GENERAL MANAGER ACTIVITIES

Meetings:

Managers Meetings	- January 31 st , February 7 th
All Hands Strategic Planning Meeting	- February 2 nd
Finance Committee Meeting	- February 2 nd
Executive Committee Meeting	- February 8 th

Submitted by:



Nem Ochoa
General Manager

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

February 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**

Monitoring Report Submitted to State for January 2022:

Production Numbers

➤ Total Water Production January 2022:	270.3 AF
➤ Total Water Production January 2013:	298.6 AF
➤ Total Water Production January 2021:	293.0 AF

Compliance Reporting

➤ Days of outdoor Irrigation Allowed:	3
➤ Number of Water Waste Complaints:	0
➤ Number of Follow-ups:	0
➤ Number of Warnings:	0
➤ Number of Penalties:	0

Voluntary Water Reduction Goal, 25% from 2020 Usage

➤ Percent Reduction from 2013	9.5%
➤ Percent Reduction from 2020	7.7%

Public Outreach for January 2022

- Face Book Posts, 3
 - PSA Video most popular post, people reached 51
 - 1 New Page Follower
- CV Weekly
 - 1 Ad for Community Meeting – Pipeline Los Olivos
- Website
 - 2,723 website Visits, Most popular day, Jan. 19th
- Constant Contact
 - No Emails sent in January
- Everbridge
 - Emergency Shutdown January 19 – Oceanview
 - Water Restored, January 19 – Oceanview
 - Community Meeting, January 27 – Pipeline Los Olivos

Field Maintenance and Operations Report

January 2022

1

Water Main Repairs

2

Water Service
2 Repairs/ 0 Replacements

32

$\frac{3}{4}$ " & 1" Meters Replaced

77

Meter Boxes Cleaned

9,583

Sewer Pipe Cleaned (ft)-6,588' inspected

- **Field Maintenance Projects**

- * Developer Jobs:

- D-21-59: 5715 Canyonside

- **Operations Report**

- Cresta Heights - Maintenance

- Wind Event – Edmund I tree removal & antenna replacement(Office)

- Well #2 – Plant rehabilitation project complete

- DDW action list – Goss Canyon 1 & 2, Cresta Heights 1 & 2, Ordunio

- **Electrical/Telemetry**

- * E-939 – Integration build with APEX

- * SCADA RTU (E-939) – Wells 11 & 16 back panels

- * La Granada Lift Station (S-692) – Integration build with APEX

- * Wells 8 & 14 – PLC programming updates

- **Wastewater**

- * Lift Station visits: 4 (De-rag pumps, check valves & add degreaser)

- * Sewer Inspection Reports: 31

Field Maintenance and Operations Report

January 2022

Days without a lost-time incident: **28**

1

After Hours Leaks/Repairs

0

Fire Hydrant Maintenance
Program: 0 Rebuild, 0 Replaced, 0 painted

168

Water Quality Samples

23

Valves Exercised

1

Valve Replacements

- **Training/Cross Training**

- * Professional Development:

- Microsoft Excel – Jaysen O.

- Smart Leadership – Robert W.

- * Glenwood Plant:

- Traffic Control

- **New Certification**

- * D1 – Seth J.

- **Safety**

- * COVID protocols: Continued cleaning

Engineering Report

February 8, 2022
Staff Report

To: Honorable President and Members of the Board of Directors
From: David S. Gould, P.E. – Director of Engineering & Operations
Subject: Engineering Report – January 2022

1. **Water Production Report**

- January 1 – 31 – Water production – 63%/37% split – 88.3 MG for the month
- Average use 12.6% less than 2021 and 2.8% less than 5-yr average

2. **Rainfall Update**

- 0.25” for January 2022
- Rainfall Total for Rainfall Year 2021/22 – 14.49”

3. **Report on Engineering**

- **FY 21/22 Capital Improvement Projects**

- Ramsdell Mixing Station/Pressure Reducing Station - Under Review
- FY 21/20 – Pipeline Replacement Program
 - Project 1 – 2800 to 3100 Blocks of Los Olivos – Start Construction - 2/7/22
 - Project 2 – 4700 & 4800 Blocks of Cheryl – Pre-Bid Meeting – 2/23/22
- Edmund #2 Reservoir Rehabilitation – Under Construction - Structural work
- Well 9 Rehabilitation – No Report
- Booster Pump 26 at Cresta Heights Rehabilitation – No Report
- SCADA Radio Communications Network – Working on Request for Quote
- SCADA System Upgrades – Working on preliminary costs for remainder of project
- Conversion to Chloramination – No Report
- Wastewater Master Plan – Sending out RFP

- **FY 20/21 Capital Improvement Projects**

- Emergency Generator at Sewer Lift Station
 - LA County working on transferring ownership to LCF
 - Project On Hold
 - Contractor requested change order for material cost increases since award of contract in February 2021.

- **Grant Program**

- Local Hazard Mitigation Plan – Approved by FEMA
 - Approved Notice of Intent for Seismic Feasibility Study of Facilities
- USBR WaterSmart Grant 2021 – 3” & 4” Meters– Waiting on USBR for agreement
- USBR WaterSmart Grant 2022 – USBR to award in March 2022
- Stormwater Capture Project at Crescenta Valley County Park – No Report

- **AMI Customer Engagement Portal**

- Working with Springbrook, Highroad IT & Sensus on software integration
- Ordering 1,000 SmartPoints and meter lids to install in Zone 1

4. **Developer Projects**

- 2341 Mira Vista – New 4 Units – Close Out Inspection
- 3037/3043 Foothill – New 38 Units and mixed commercial – In Plan Review
- Waiting on Developer
 - 1961 Waltonia – New 6 units
 - 4360 Ocean View – 3 Units upgraded to 7 units
 - 4521 Briggs/2413 Foothill – New 70 units
 - 3900 Park Place – New 28 units
 - 2345 Mira Vista – New 4 units

5. **FMWD** – No Report

CRESCENTA VALLEY WATER DISTRICT

WATER PRODUCTION REPORT

January 1 - January 31, 2022

Well Production:	48,931,360	Gals		
GWP Production:	5,095,000	Gals		
Gravity Production:	1,261,871	Gals	% GW	63%
FMWD:	33,065,310	Gals		
City of Glendale:	0	Gals	% Import	37%
TOTAL:	88,353,541	Gals		
	271.15	ac-ft		

Glenwood Nitrate Water

Reclamation Plant:*

0

*Included in Well Production

WATER DEMAND COMPARISON

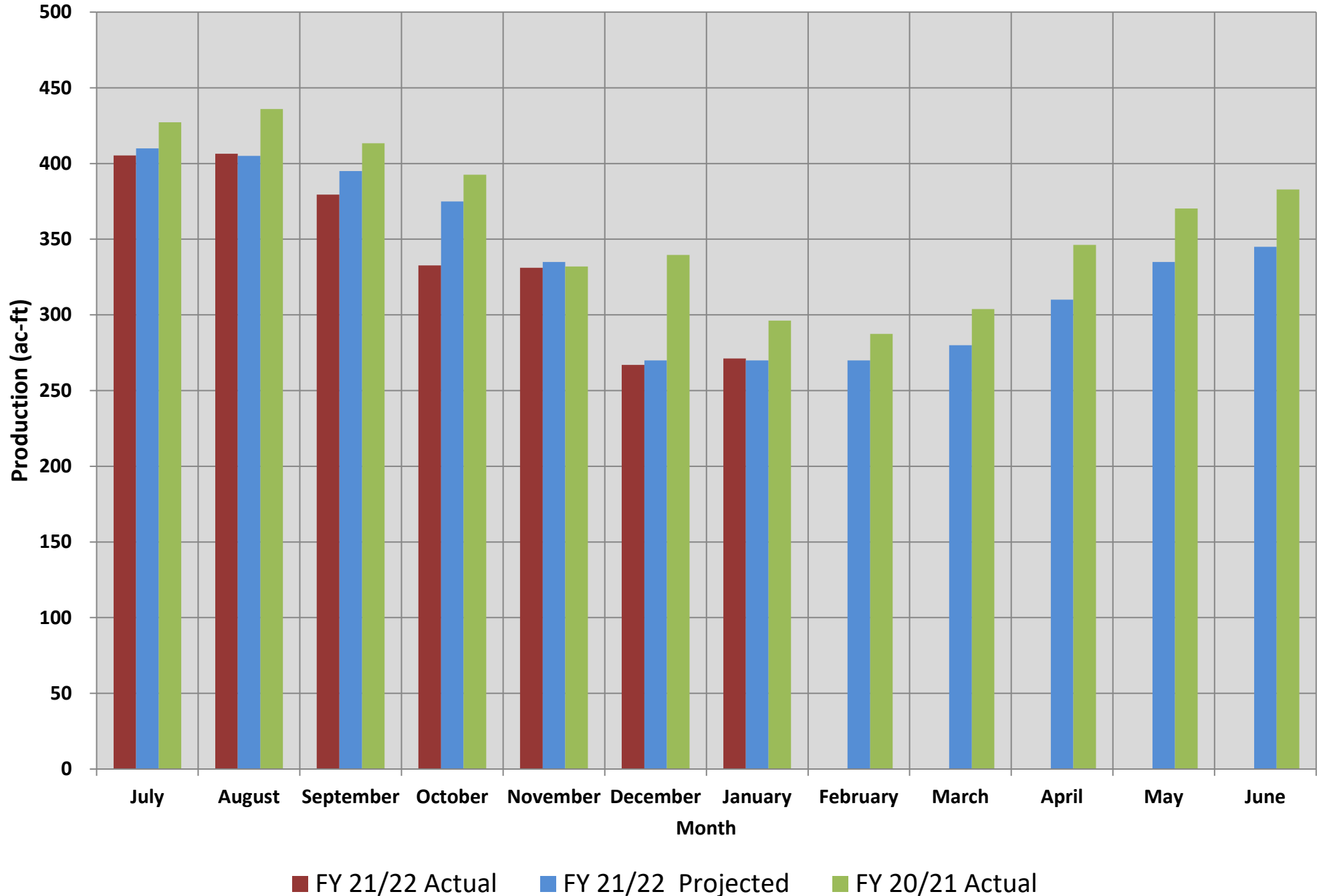
Time Period			Average Daily Usage (gals)		Current Period Change			
January 1 - January 31, 2022			2,787,000					
January 1 - January 31, 2021			3,190,384		-12.6%			
5-yr Average - January 2017 - 2021			2,866,783		-2.8%			
RAINFALL: Jan 1 - Jan 31, 2022			0.25"					
Season-To-Date:			14.49"					
2021/22 Fiscal Year Water Production			WY 21/22 - 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	405	410	October	162	January	16	January	101
August	406	405	November	159	February		February	
September	379	395	December	149	March		March	
October	333	375	January	154	April		April	
November	331	335	February		May		May	
December	267	270	March		June		June	
January	271	270	April		July		July	
February		270	May		August		August	
March		280	June		September		September	
April		310	July		October		October	
May		335	August		November		November	
June		345	September		December		December	
Total to Date	2,393	2,460	Total to Date	625	Total to Date	16	Total to Date	101
Projected	3,933	4,000	Water Rights	3,294			Tier 2	2,154
% of Projected	59.8%	61.5%	% of Rights	19%			% of Allocation	5%
Remaining	1,607	1,540	Remaining	2,669			Remaining	2,053

NOTE:

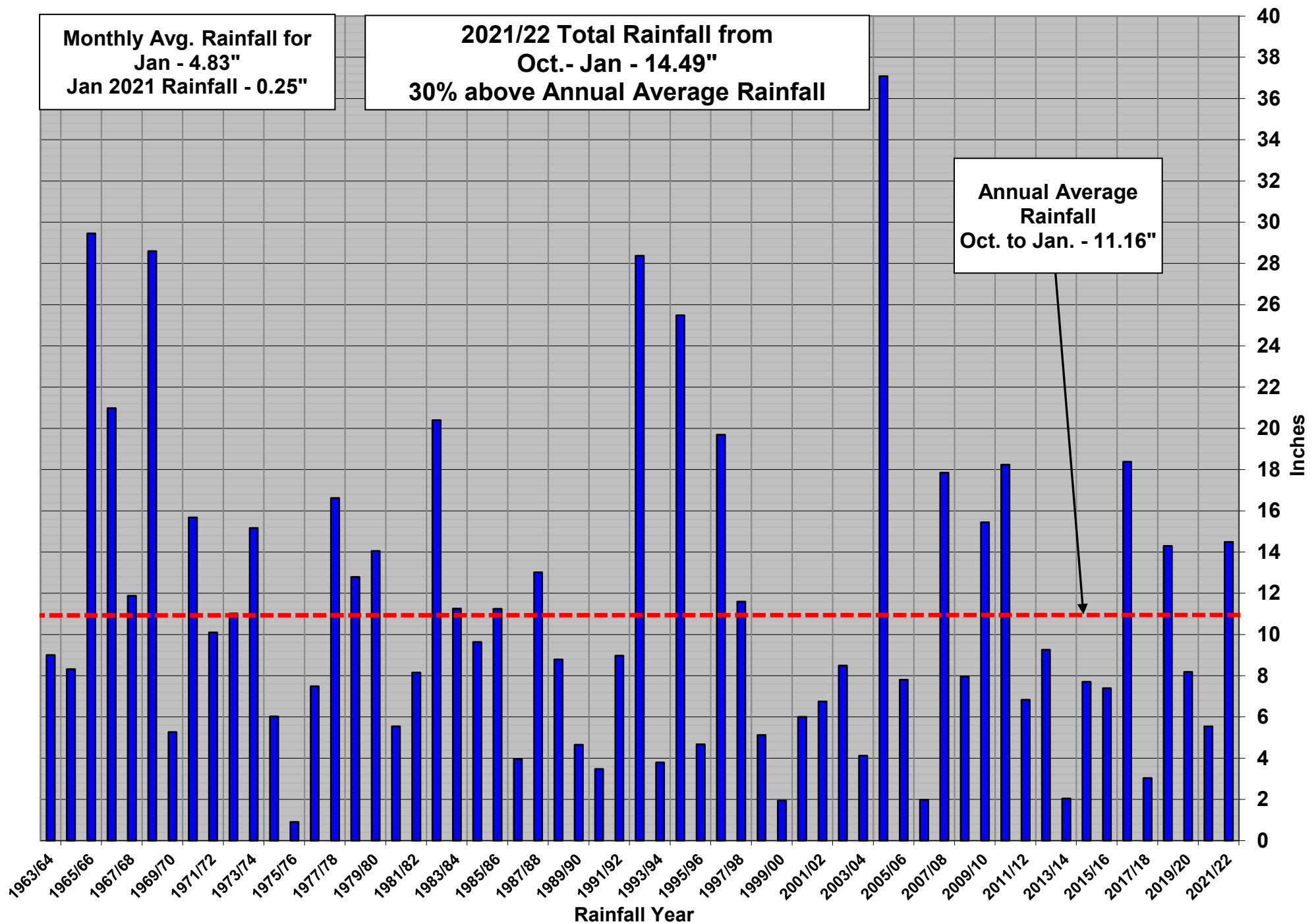
1) Blue Numbers = Estimated Water Production

Monthly Water Production:

FY 21/22 Actual, FY 21/22 Projected & FY 20/21 Actual



Monthly Rainfall - 1963/64 - 2021/22 (Oct.- Jan.)



CRESCENTA VALLEY WATER DISTRICT

MEMORANDUM

DATE: January 25, 2022
TO: Engineering Committee
FROM: David S. Gould, Director of Engineering & Operations
SUBJECT: CVWD Engineering Committee Meeting No. 330

Following is a summary of Engineering Committee Meeting No. 330, held at 2:30 PM on January 25, 2022, via Zoom Teleconference, and was attended by the following:

Director Sharon Raghavachary – Committee Chairperson	CVWD
Director Judy Tejada	CVWD
David Gould – Director of Engineering & Operations	CVWD
Brook Yared – Engineer Manager	CVWD
Kellen Boyce – Production Manager	CVWD
Darlene Telles - Operations & Maintenance Manager	CVWD
Nemesciano Ochoa – General Manager	CVWD
James Lee – Director of Finance & Administration	CVWD
Arturo Montes – Finance & Administration Manager	CVWD
Jennifer Bautista – Project Coordinator	CVWD

Information Items

1. Discussion of Revisions and Reissuing the Request for Proposal for 2022 Wastewater Master Plan, Project M-1037

Mr. Gould began by providing a background for revisions and reissuing the Request for Proposal for the 2022 Wastewater Master Plan. In October of last year, Staff met with the Engineering Committee to discuss the need for the District to prepare a Wastewater Master Plan (WWMP) to determine the condition of CVWD's wastewater system and how the conditions will affect the sewer flow in the future.

Mr. Gould added that CVWD had included in the scope of work. a study to determine alternative treatment methods for treating the District's wastewater instead of sending it to the city of Los Angeles and incurring costs.

The 2022 Wastewater Master Plan Request for Proposal was sent to 12 consulting engineering firms on November 10, 2021. Mr. Gould mentioned that he received comments from the consulting engineering firms who informed Mr. Gould that they would not be submitting a request for proposal because the original estimate of \$175,000 was too low and that their preliminary proposal cost was over \$300,000.

Staff discussed the comments from the consulting engineering firms and reviewed the RFP to determine what could either be removed or performed by CVWD and decided to separate the original RFP into two separate RFPs, 1) Wastewater System Analysis and 2) Wastewater Treatment & Disposal Alternative Study as shown in the Staff Report.

Mr. Gould then reviewed the Wastewater Master Plan preliminary schedule for both RFPs. The anticipated completion date for the Wastewater System Analysis and Wastewater Treatment & Disposal Alternative Study is October 2022. The anticipated completion date for the Wastewater Master Plan is April 2023.

Finally, Mr. Gould reviewed the project budget. Mr. Gould performed a preliminary cost breakdown based on Staff's discussion with several consultants. The original budget for the Wastewater Master Plan was \$175,000. The budget has been revised for each RFP. The budget for RFP 1 for \$325,000. And \$200,000 for RFP 2 for the study for a total of \$550,000. Staff estimates that approximately \$171,000 will be spent in FY 21/22 and the remainder \$354,000 will be spent in FY 22/23.

Mr. Gould pointed out that an assessment on the sewer system has not been performed since the sewer system installation in 1979. The assessment is imperative to the sewer system as development and sewer flows have change over the years. Also, if single-family lots are changed to multi-family residences, CVWD can utilize its hydraulic analysis to determine if and how it will affect the system.

Mr. Ochoa commented that a hydraulic model would help CVWD determine the District's maintenance to prevent an emergency, such as a sewer or pump overflows. Mr. Ochoa added that CVWD could incorporate charges and fees to developers for the hydraulic analysis.

Ms. Raghavachary asked how much of the revenue from the rate increase District would utilize for the CIP. Mr. Gould explained that CVWD has an 8% per year rate increase for the next three years and that \$200,000 for CIP was included in the budget for the sewer system.

Ms. Raghavachary also asked how CVWD would recoup charges from developers for a hydraulic analysis with the District already having a hydraulic model. Mr. Gould explained that CVWD could provide developers with the hydraulic model to show when an existing pipeline would require upsizing. Mr. Yared added that CVWD would keep and update records to utilize in the future for upsizing and calculations to hold developers accountable.

The Engineering Committee recommended that Staff proceed with sending out the RFP's to qualifying consulting firms

2. Discussion of Transferring 16 Water Services on the 4500 Block of Frederick Ave, 3400 Block of Thelma St, 3400 Block of Foothill Blvd and 4500 Block of New York to Glendale.

Mr. Gould provided a background on the "Overlap Area" where CVWD's water service area extends beyond the District boundary into the City of Glendale. In 2008, the Local Agency Formation Commission (LAFCO) expressed concerns to the District about the overlapping boundaries of CVWD and the City of Glendale. LAFCO then suggested that the District transfer its services to the City of Glendale whenever possible.

Mr. Gould discussed the details of Area 1, the 4500 Block of Frederick Avenue. There are fifteen (15) parcels on Frederick Avenue, and CVWD services three (3) of those parcels. In addition, there are two (2) properties on Foothill Boulevard and one (1) property on New York Avenue that CVWD also services.

Staff proposes transferring services for these properties from CVWD to the City of Glendale. The transfer of these services will eliminate the costs of replacing CVWD's existing 2-inch pipeline installed in 1929.

Mr. Gould mentioned that the 3/4-inch water meter serving 4547 New York Avenue is located along the property's side yard. CVWD will notify and work with the property owner to relocate the water meter and install a new water service line from the street to the property at the District's cost. Mr. Yared added that the existing 2-inch pipeline along the north side of the drawing runs between the properties. In an emergency, it would be a very costly repair for the District to go into private property and dig and replace that and then replace the landscaping.

Mr. Gould presented the second drawing map titles, Thelma St. and New York Ave. Intersection, and discussed the details of Area 2, 3400 block of Thelma Street.

The existing 4-inch pipeline was to be replaced as part of the FY 21/22 pipeline replacement. There are seven (7) properties on Thelma Street and three (3) properties on New York Avenue served by CVWD's existing 4-inch pipeline. The City of Glendale has an existing 6-inch pipeline and a fire hydrant on Thelma Street. Staff proposes transferring these services to the City of Glendale to eliminate the cost of replacing the existing 4-inch pipeline.

Staff met with the Glendale Water and Power (GWP) last week to discuss the transfer of services. GWP expressed interest in the transfer and will meet with Staff in the near future to discuss costs, including material and installation costs.

Finally, Mr. Gould presented a 5-year Cost/Benefit Analysis for FY 2017-2022. Mr. Gould explained that the revenue generated from the sixteen (16) services averages to \$18,225. The cost estimate to replace the pipeline of Frederick Avenue and Thelma Street is \$587,250. The cost to replace the pipelines can instead be utilized in other areas of the District.

Engineering Committee recommended approval for the transfer of services and will provide support when presented to the Board of Directors at a subsequent meeting.

3. Status Update - FY 21/22 Capital Improvement Project Budget

Mr. Gould began by providing an update on the first pipeline replacement project of FY 21/22 on the 2800 to 3100 blocks of Los Olivos Lane, Project E-1033. Mr. Gould informed the Engineering Committee of the project schedule and budget. The community meeting was held on January 27, 2022, via Zoom video conference. The tentative start of construction will begin on February 7, 2022, and the anticipated end of construction is July 2022. The project is over budget by \$3,676 but close to its original estimate.

Mr. Gould provided an update on the second pipeline replacement project for FY 21/22 on Alabama Street, Cheryl Avenue, and Thelma Street, Project E-1034. Mr. Gould reminded the Committee that Thelma Street would be transferred to Glendale. Therefore, removing Thelma Street from the project. Mr. Gould added that the 4800 block of Cheryl Avenue would also be removed from the project to bring down the cost of construction and better meet the budget. The estimate is \$66,830 over budget.

Mr. Gould reviewed the carry-over FY 20/21 pipeline replacement project on the 4800 block of Dyer Avenue, 2800 block of El Caminito Street, 4800 block of Glenwood Avenue, 2800 block of Stevens Street, and the 2700 block of Paraiso Way, Project E-1022. Mr. Gould explained the delay in finalizing change orders and project closeout. The budget is over by \$336,842 from its original estimate of \$400,000.

Mr. Gould updated the Engineering Committee with the status and budget of the Steel Reservoir Rehabilitation at Edmund No.2, Project E-1036. The project is currently in construction with an anticipated end of construction date of April 2022. The budget is over \$106,000 over its original estimate of \$696,000. The cost estimate is 15% higher than what the same Contractor bid on a similar project last year.

Mr. Gould mentioned that the remaining projects listed on the Staff Report are either in the design phase or are ready for construction. Mr. Gould added that he and Mr. Yared discussed an annual well rehabilitation contract with General Pump Company. The contract will establish a cost guaranteed for one year and include a 6-month inspection, allowing CVWD's Operations and Maintenance to focus on water quality issues.

Director Raghavachary requested quarterly updates on the pipeline replacement project. Mr. Gould will provide Director Raghavachary and the Board with quarterly reports starting March 2022.

Committee Member's Request for Future Agenda Items - None

Next Meeting

- Next meeting scheduled for February 15, 2022, at 3:30 pm

Adjournment - The Engineering Committee meeting was adjourned at 3:12 pm on January 25, 2022.

CRESCENTA VALLEY WATER DISTRICT

2700 FOOTHILL BOULEVARD
LA CRESCENTA, CALIFORNIA

To be held on
January 25, 2022 at 2:30 PM

Agenda for the Meeting of the Engineering Committee
of the Crescenta Valley Water District

Posted January 24, 2022 at 2:30 PM

TELECONFERENCING NOTICE

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.

[This meeting will be held by teleconference only.]

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: 827 0469 5713

[Pursuant to the above Executive Order, the public may not attend the meeting in person]

Those members of the public who are able to and would like to additionally participate with a computer through videoconference may access the Zoom videoconferencing tool available at the following link –<https://us02web.zoom.us/j/82704695713>

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 customerservice@cvwd.com. 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.

Call to Order

Adoption of Agenda

Public Comment:

At this time, members of the public shall have an opportunity to address the Committee on items of interest that are within the subject matter jurisdiction of this Committee. This opportunity is non-transferable, and speakers are limited to three (3) minutes each. 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.

Action Items

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

1. Discussion of Revisions and Reissuing the Request for Proposal for 2022 Wastewater Master Plan – Project M-1037
2. Discussion of Transferring 16 Water Services on the 4500 Block of Frederick Ave, 3400 Block of Thelma St, 3400 Block of Foothill Blvd and 4500 Block of New York to Glendale
3. Status Update - FY 21/22 Capital Improvement Project Budget

Committee Member's Request for Future Agenda Items

Next Engineering Committee Meeting – February 15, 2021, at 3:30 pm

Adjournment

CRESCENTA VALLEY WATER DISTRICT

STAFF REPORT

Information Item No. 1

January 25, 2022

To: Engineering Committee
From: David S. Gould, P.E. – Director of Engineering & Operations
Subject: Discussion of Revisions and Reissuing the Request for Proposal for 2022 Wastewater Master Plan – Project M-1037

BACKGROUND:

At the October 19, 2021, Engineering Committee meeting, staff discussed the need for the District to prepare a Wastewater Master Plan (WWMP), See attached memo. The request for proposal for the 2022 WWMP was sent to 12 consulting engineering firms on November 10, 2021.

A pre-proposal meeting was held on December 2, 2021, and it was attended by only three (3) firms. Prior to and after the pre-proposal meeting, staff was contacted by five (5) of the firms who declined to provide a proposal and four (4) other firms who did not respond. Staff sent an email out to all the firms on December 9, 2021, indicating that CVWD is postponing the proposal due date to a future date, as we re-evaluate the project scope of work and project budget.

Staff reached out to a few of the firms to find out reasons why they did not prepare a proposal for the WWMP. The comments received were that the budget for the project of \$175,000 was too low for the proposed scope of work. They indicated that their preliminary proposal cost was over \$300,000. Also, there was another WWMP RFP from another larger agency that was due the same day and the time frame CVWD proposed created a conflict.

DISCUSSION:

Staff reviewed the proposed scope of work and the budget amount after hearing these comments. Staff looked at various tasks in the RFP that could either be removed or performed by CVWD. After staff discussed this further, it was suggested that we separate the original RFP into two separate RFPs, 1) wastewater system analysis and 2) wastewater treatment & disposal alternative study. The two (2) RFP's will be revised into two (2) separate proposals as shown below.

RFP #1 - Data Collection and Assessment of Wastewater System

1. Review system-wide sewer flow characteristics, evaluate the existing condition, and assess the existing hydraulic capacity of the system utilizing CVWD's GIS information and as-builts.
2. Estimate future sewer flow based on population projections and potential development projects utilizing the Los Angeles County and City of La Canada Flintridge Future Land Use Map, General Plan and Housing Plan.
3. Develop a flow monitoring program that will be implemented by CVWD including:
 - i. Identify appropriate locations/stations for flow monitoring within the collection system to collect flow monitoring data under wet and dry weather conditions, to determine existing capacities and wastewater hydraulic modeling calibration.
 - ii. Provide a recommendation for design and installation of flow monitoring stations.
4. Create and run a wastewater hydraulic computer model based on existing information and field data on an agreed-up software platform that can be easily updated by staff.
5. Determine potential pipeline replacement, size upgrades and/or rehabilitation needs based on the hydraulic model and future sewer flows.
6. Create a prioritized 10-Year CIP sewer plan with potential funding approaches.

RFP #2 - Wastewater Treatment & Disposal Alternative Study

1. Prepare a Wastewater Treatment & Disposal Alternative Study (Study) including the following:
 - a) Identify potential wastewater treatment technologies and options.
 - b) Identify potential permitting issues and requirements.
 - c) Perform a preliminary siting study to evaluate potential sites for alternative wastewater treatment systems.
 - d) Evaluate potential uses of advanced treated tertiary recycled water effluent for application within CVWD service area or other benefit to CVWD via regional stakeholder partnership such as groundwater recharge.
 - e) Identify potential stakeholders and partnerships that would impact project implementation and/or project costs for possible grant opportunities.
 - f) Identify potential CEQA considerations and requirements, include a cursory environmental and public health risk assessment.
 - g) Determine impacts on CVWD personnel and certifications (i.e., additional staff).
 - h) Develop multiple alternatives to consider (including status quo) to collect, treat, dispose or reuse treated wastewater effluent.
 - i) Perform a life-cycle economic evaluation to derive a preliminary recommendation based on least cost.
 - j) Determine a preliminary project implementation schedule, a not-to-exceed project cost, and a preferred project delivery method.
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

The following tasks from the original WWMP RFP would be removed from the RFP.

1. Review the District's Sewer System Management Plan (SSMP) and provide recommendations. CVWD's SSMP.
2. Address existing and future anticipated State Water Board and EPA regulations along with their impacts to the CVWD's wastewater systems including:
 - i. Update to CVWD's SSMP Plan
 - ii. Capacity, Management, Operations and Maintenance (CMOM) Program
 - iii. Inflow and Infiltration (I/I) study
 - iv. Sanitary Sewer Overflow (SSO) Initiatives.
3. Evaluate existing operation and maintenance practices and identify specific improvements in current level of service and maintenance program
4. Review and update District's standard wastewater construction drawings, specifications, requirements, and regulatory criteria.

Project Schedule:

Staff prepared a preliminary schedule for both projects with emphasis on completing the Study in October 2022 and the WWMP in April 2023 as shown on the attached. The Study will concentrate on alternative treatment systems during the 50% phase and will be provided updated wastewater flow data when information is available from the WWMP.

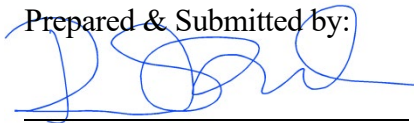
Project Budget:

The original budget for the WWMP was \$175,000 that was included the FY 21/22 budget. However, from staff's discussion with several consultants, the overall budget for both projects will need to be adjusted. Staff reviewed the revised scope of work and put together a preliminary budget for each RFP. The revised budget for RFP #1 is \$325,000 and the revised budget for RFP #2 is \$200,000 for a total of \$550,000. Staff estimates that approximately \$171,000 will be spent in FY 21/22 and the remainder \$354,000 will be spent in FY 22/23.

RECOMMENDATION:

It is staffs recommended to revise the original RFP and re-issue the RFP's as two separate projects, 1) wastewater system analysis and 2) wastewater treatment & disposal alternative study. The projects will be on a different timeline, which will give staff the information needed to plan for FY 22/23 budget and to plan out wastewater projects for the next five to ten years.

Prepared & Submitted by:



David S. Gould, P.E.

Director of Engineering & Operations

Attachments:

1. Engineering Committee memo dated October 19, 2021
2. RFP #1 - Data Collection and Assessment of Wastewater System
3. RFP #2 - Wastewater Treatment & Disposal Alternative Study
4. Preliminary Project Schedules for RFP #1 & RFP #2

g:\engineering committee\2022 ec memo\01-25-22 ecm memo - wwmp v2.docx

Attachment No. 1

**Engineering Committee memo dated October
19, 2021**

CRESCENTA VALLEY WATER DISTRICT

STAFF REPORT

Information Item No. 1

October 19, 2021

To: Engineering Committee
From: David S. Gould, P.E. – Director of Engineering & Operations
Subject: Discussion for Request for Proposal for 2022 Wastewater Master Plan – Project M-1037

BACKGROUND:

In 1975, the District, under the Clean Water Act was required by the Department of Water Resources to remove the existing sewer septic system and install a new wastewater collection system within the La Crescenta area. From 1980 to 1986, CVWD constructed about 64 miles of the new sewer collections system including sewer mains, manholes, lateral connections, and cleanouts and abandonment of the existing septic tanks system. In addition, a 6.2-mile sewer interceptor line was construction from the La Crescenta area, through the City of Glendale to the Los Angeles Glendale Water Reclamation Plant (LAGWRP) in Glendale for treatment and disposal of CVWD's wastewater.

When the sewer collections system piping system was designed in 1979, the design flow was based on estimated residential flow at that time and projection of future housing growth within the Crescenta Valley. In the last 35 years, the sewer flow characteristics within the service area have changed and we need the assistance of a professional consulting firm to prepare the 2022 Wastewater Master Plan as we look towards wastewater infrastructure upgrades into the future.

CVWD has an agreement with the City of Los Angeles (City of LA) for conveyance, treatment & disposal of CVWD's wastewater. The City of LA costs represents about 50% of the annual wastewater budget and we have seen a steady increase in cost over the last 5 years. Staff has concerns about the future costs from the City of LA and will be including in the WWMP a task to looking into alternative treatment systems.

DISCUSSION:

We are seeking proposals from qualified consulting firms to prepare the CVWD's 2022 Wastewater Master Plan (WWMP), which will be the District's first WWMP since the collection system was installed in the 1980's.

The goal of the WWMP's will be to evaluate and provide recommendations for the following:

- Review system-wide sewer flow characteristics, assess the existing hydraulic capacity of the collection system, force mains, and lift station, and evaluating pipeline and lift station conditions.
- Estimate future sewer flow based on population projections and potential development projects utilizing the Los Angeles County and City of La Canada Flintridge Future Land Use Map, General Plan and Housing Plan.
- Create and run a sewer hydraulic computer model that can be easily updated by staff.
- Determine potential pipeline replacement, size upgrades and/or rehabilitation needs based on the hydraulic model and future sewer flows.
- Create a prioritized 10-Year CIP sewer plan with a funding approach.
- Review CVWD's existing contract with the City of Los Angeles for treatment and disposal costs in preparation of future contract negotiations.
- Investigate potential alternatives for future treatment and disposal systems that could reduce CVWD's costs to the City of Los Angeles.

The Master Plan will help determine the CIP projects needed to repair, replace, and/or upgrade CVWD's aging infrastructure, to increase system operating efficiencies and reliability, while improving cost predictability and maintaining a high level of customer satisfaction as we move into the future.

Project Budget:

Staff has estimated the cost of the 2022 WWMP at \$175,000 and this amount was included in the FY 21/22 budget. This estimate was based on a preliminary scope of work and discussion with several consulting firms that provide WWMP services.

Project Schedule:

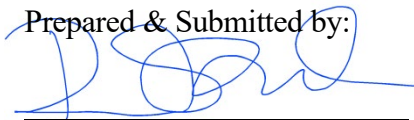
Staff's goal is to award the consultant contract at the December 14, 2021, board meeting and the WWMP should be completed by December 2022 as shown below.

Wastewater Master Plan Preliminary Project Schedule			
Task	Start Date	End Date	Days
Draft RFP	Monday, September 13, 2021	Wednesday, October 13, 2021	30
Staff Report	Wednesday, October 13, 2021	Friday, October 15, 2021	2
Engineering Com	Friday, October 15, 2021	Tuesday, October 19, 2021	4
Final RFP	Tuesday, October 19, 2021	Tuesday, October 26, 2021	7
Send out	Tuesday, October 26, 2021	Thursday, October 28, 2021	2
Pre-Proposal Mtg	Thursday, October 28, 2021	Wednesday, November 17, 2021	20
Proposal Due	Wednesday, November 17, 2021	Wednesday, December 1, 2021	14
Staff Report	Wednesday, December 1, 2021	Friday, December 10, 2021	9
Board Meeting - Award Contract	Friday, December 10, 2021	Tuesday, December 14, 2021	4
Kickoff Mtg	Tuesday, December 14, 2021	Tuesday, January 11, 2022	28
Data Request	Tuesday, January 11, 2022	Tuesday, January 25, 2022	14
50% Submittal	Tuesday, January 25, 2022	Wednesday, May 25, 2022	120
90% Submittal	Wednesday, May 25, 2022	Thursday, November 10, 2022	169
Staff Report	Thursday, November 10, 2022	Friday, November 11, 2022	1
Engineering Com	Friday, November 11, 2022	Tuesday, November 15, 2022	4
100% Submittal	Tuesday, November 15, 2022	Wednesday, December 7, 2022	22
Staff Report	Wednesday, December 7, 2022	Friday, December 9, 2022	2
Board Meeting - Approved	Friday, December 9, 2022	Tuesday, December 13, 2022	4

RECOMMENDATION:

It is staff's recommendation to send out the request for proposal to qualified consulting firms for the 2022 WWMP that will be due on December 1, 2022. Staff will review each proposal based on ranking of the consultants understanding of the project concept, scope of work, previous work experience, project schedule and project costs. Staff will review the proposals with the Engineering Committee for recommendation to the Board of Directors.

Prepared & Submitted by:



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

Attachments:

1. Draft Request for Proposal

Wastewater Master Plan - RFP #1

Preliminary Project Schedule

Task	State Date	End Date	Budget Year	Days
Revised RFP's	Wednesday, December 15, 2021	Wednesday, January 19, 2022		35
Staff Report	Wednesday, January 19, 2022	Friday, January 21, 2022		2
Engineering Com	Friday, January 21, 2022	Tuesday, January 25, 2022		4
Finalize RFP #1	Tuesday, January 25, 2022	Monday, January 31, 2022		6
Send out	Monday, January 31, 2022	Wednesday, February 2, 2022		2
Pre-Proposal Mtg	Wednesday, February 2, 2022	Wednesday, February 23, 2022		21
Proposal Due	Wednesday, February 23, 2022	Wednesday, March 23, 2022		28
Staff Report	Wednesday, March 23, 2022	Thursday, April 7, 2022		15
Board Meeting - Award Contract	Thursday, April 7, 2022	Tuesday, April 12, 2022	FY 21/22	5
Kickoff Mtg	Tuesday, April 12, 2022	Friday, April 29, 2022	FY 21/22	17
Data Request	Friday, April 29, 2022	Friday, May 20, 2022	FY 21/22	21
50% Submittal	Friday, May 20, 2022	Friday, September 16, 2022	FY 22/23	119
90% Submittal	Friday, September 16, 2022	Wednesday, March 1, 2023	FY 22/23	166
Staff Report	Wednesday, March 1, 2023	Friday, March 3, 2023	FY 22/23	2
Engineering Com	Friday, March 3, 2023	Tuesday, March 7, 2023	FY 22/23	4
100% Submittal	Tuesday, March 7, 2023	Wednesday, April 5, 2023	FY 22/23	29
Staff Report	Wednesday, April 5, 2023	Friday, April 7, 2023	FY 22/23	2
Board Meeting - Approved	Friday, April 7, 2023	Tuesday, April 11, 2023	FY 22/23	4
\$ 325,000.00	25%	Estimated Consultant Cost	FY 21/22	\$ 81,250.00
	75%	Estimated Consultant Cost	FY 22/23	\$ 243,750.00
		Total		\$ 325,000.00

Wastewater Master Plan - RFP #2

Preliminary Project Schedule

Task	State Date	End Date	Budget Year	Days
Revised RFP's	Wednesday, December 15, 2021	Wednesday, January 19, 2022		35
Staff Report	Wednesday, January 19, 2022	Friday, January 21, 2022		2
Engineering Com	Friday, January 21, 2022	Tuesday, January 25, 2022		4
Finalize RFP #2	Tuesday, January 25, 2022	Monday, January 31, 2022		6
Send out	Monday, January 31, 2022	Wednesday, February 2, 2022		2
Pre-Proposal Mtg	Wednesday, February 2, 2022	Wednesday, February 16, 2022		14
Proposal Due	Wednesday, February 16, 2022	Wednesday, March 2, 2022		14
Staff Report	Wednesday, March 2, 2022	Thursday, March 17, 2022		15
Board Meeting - Award Contract	Thursday, March 17, 2022	Tuesday, March 22, 2022	FY 21/22	5
Kickoff Mtg	Tuesday, March 22, 2022	Tuesday, April 5, 2022	FY 21/22	14
Data Request	Tuesday, April 5, 2022	Tuesday, April 26, 2022	FY 21/22	21
50% Submittal	Tuesday, April 26, 2022	Friday, June 24, 2022	FY 22/23	59
90% Submittal	Friday, June 24, 2022	Thursday, September 15, 2022	FY 22/23	83
Staff Report	Thursday, September 15, 2022	Friday, September 16, 2022	FY 22/23	1
Engineering Com	Friday, September 16, 2022	Tuesday, September 20, 2022	FY 22/23	4
100% Submittal	Tuesday, September 20, 2022	Wednesday, October 19, 2022	FY 22/23	29
Staff Report	Wednesday, October 19, 2022	Friday, October 21, 2022	FY 22/23	2
Board Meeting - Approved	Friday, October 21, 2022	Tuesday, October 25, 2022	FY 22/23	4
\$ 200,000.00	45%	Estimated Consultant Cost	FY 21/22	\$ 90,000.00
	55%	Estimated Consultant Cost	FY 22/23	\$ 110,000.00
		Total		\$ 200,000.00

CRESCENTA VALLEY WATER DISTRICT

STAFF REPORT

Information Item No. 2

January 25, 2022

To: Engineering Committee
From: David S. Gould, P.E. – Director of Engineering & Operations
Subject: Discussion of Transferring 16 Water Services on the 4500 Block of Frederick Ave, 3400 Block of Thelma St, 3400 Block of Foothill Blvd and 4500 Block of New York to Glendale.

BACKGROUND:

CVWD's water service area extends beyond the District Boundary into the City of Glendale. This area has been referred to as the "Overlap Area" and there are about 2,400 accounts within Glendale that CVWD provides water service.

In 2008, this issue was brought to the attention of the Local Agency Formation Commission (LAFCO) regarding overlapping services within two jurisdictions. LAFCO recommended that CVWD and Glendale meet and discuss ways to resolve the service issues. Since then, CVWD and Glendale have worked together to transfer water services to Glendale, where possible within the Overlap Area. This typically occurs when CVWD is planning to replace a pipeline within the Overlap Area where CVWD and Glendale both have existing waterlines in the street. In 2009, CVWD transferred 10 water services to Glendale on the 5100 & 5200 blocks of Maryland as most of the street was already being served by Glendale.

DISCUSSION:

As part of the FY 21/22 CIP Budget, there are two pipeline projects within the Overlap Area that the water services could be transferred to Glendale instead of replacing the pipeline, which will result in a saving of construction costs.

Area 1 – 4500 Block of Frederick Ave:

The first area is along the 4500 Block of Frederick Ave located north of Foothill Blvd (See Exhibit A). There are 18 properties on Frederick Ave within Glendale servicing 15 properties and CVWD servicing three (3) properties. In addition, there are two (2) properties on Foothill Blvd and one (1) property on New York Ave that are also served by CVWD that will be transferred to Glendale.

There is an existing CVWD 2-inch pipeline, which was installed in 1929 that provides water services to the six (6) customers and the pipeline is on CVWD's replacement list. Glendale also has an existing 8-inch pipeline that services the Glendale customers on the same street.

Area 2 – 3400 Block of Thelma St.

The second area is the 3400 Block of Thelma St (See Exhibit B), where the existing 4-inch pipeline that was installed in 1940 was to be replaced as part of FY 21/22 pipeline replacement. There are seven (7) properties on Thelma St and three (3) properties on New York Ave that are served by CVWD. Glendale also has an existing 6-inch pipeline that is also located on Thelma St that could provide water service to these customers.

Transfer of Services:

Staff will be meeting with Glendale to investigate transferring these services, which will include the following tasks:

- Communicating with the homeowner about the transfer of service to Glendale.
- Providing a change of water service provider customer agreement for signature (see attached).
- Working with Glendale on the installation of new water service lines and meters.

- Relocation of Customer's water service line for 4547 New York near the northside of the house. The new location of the meter will be at the street on New York and a new 1" water service lines need to be installed from the new meter on the street to the house.
- Coordinating with CVWD field crews on the removal of the existing meter boxes and meters.

Staff plans to utilize John Robinson Consulting to assist with transferring services including coordination with Glendale, homeowners and CVWD so that the project is completed within the next four (4) months.

Staff met with Glendale on January 20, 2022, to discuss the transfer of service and associated costs for the installation of the new water service lines from Glendale and installation of new on-site water service for 4547 New York.

Cost/Benefit Analysis:

Staff performed a cost/benefit analysis with respect to losing revenue and construction cost. Table 1 below shows the average annual revenue and the pipeline replacement cost.

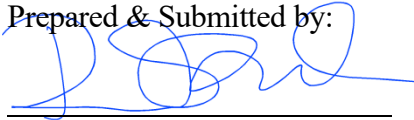
Table 1 - Cost/Benefit Analysis					FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	5-year Average
ID No.	Address		Meter Size	Cust. Class	Total	Total	Total	Total	Total	
1	3445	Foothill	0.75	COM	\$758.80	\$802.63	\$757.86	\$1,323.88	\$1,677.70	\$1,064.17
2	3463	Foothill	1.00	COM	\$531.62	\$956.97	\$2,002.96	\$6,130.64	\$520.62	\$2,028.56
5	4534-36	Frederick	0.75	MFR	\$1,063.58	\$1,302.36	\$1,011.31	\$1,382.52	\$1,536.58	\$1,259.27
6	4508-10	New York	0.75	MFR	\$858.32	\$1,016.80	\$990.76	\$1,199.27	\$1,371.94	\$1,087.42
7	4512	New York	0.75	MFR	\$1,306.16	\$1,243.95	\$1,319.56	\$1,433.83	\$1,442.50	\$1,349.20
8	4514-16	New York	0.75	MFR	\$789.90	\$1,036.27	\$860.61	\$1,617.08	\$1,528.74	\$1,166.52
16	3354-56	Thelma	0.75	MFR	\$839.66	\$1,003.82	\$901.71	\$1,206.60	\$1,128.90	\$1,016.14
3	4508	Frederick	0.75	SFR	\$1,465.34	\$1,319.44	\$1,223.91	\$1,656.46	\$1,346.84	\$1,402.40
4	4528	Frederick	0.75	SFR	\$332.82	\$608.07	\$477.59	\$701.00	\$601.59	\$544.21
9	4547	New York	0.75	SFR	\$774.74	\$824.28	\$1,227.79	\$1,203.17	\$989.39	\$1,003.87
10	3330	Thelma	0.75	SFR	\$393.63	\$459.38	\$474.81	\$544.14	\$702.79	\$514.95
11	3333	Thelma	0.75	SFR	\$608.90	\$372.36	\$840.54	\$1,195.03	\$2,814.01	\$1,166.17
12	3337	Thelma	0.75	SFR	\$411.19	\$599.50	\$628.92	\$757.87	\$967.27	\$672.95
13	3338	Thelma	0.75	SFR	\$738.32	\$817.07	\$769.27	\$928.04	\$998.10	\$850.16
14	3341	Thelma	0.75	SFR	\$862.70	\$728.60	\$905.52	\$680.98	\$911.83	\$817.93
15	3345	Thelma	0.75	SFR	\$1,618.27	\$3,072.13	\$1,890.33	\$2,340.87	\$2,485.43	\$2,281.41
Total					\$13,353.95	\$16,163.63	\$16,283.45	\$24,301.38	\$21,024.23	\$18,225.33
Cost/Benefit Analysis										
ID No.	Block No.	Street Name	Year Const	Pipe Size (in)	Pipe Length (ft)	Cost/LF	Cost Estimate	Revenue used for CIP ⁽¹⁾ 5-year Avg.	Years to recover costs	
756	3300	Thelma	1946	4	330	\$ 450.00	\$ 148,500	\$6,119	24.3	
900	4500	Frederick	1929	2	975	\$ 450.00	\$ 438,750	\$6,119	71.7	
	Total				1305		\$ 587,250	\$6,119	96.0	

Notes:
1. Assume for a typical bill - 100% of the Monthly Service Charge & 20% of the Cost of Water are used for Pipeline Replacement Projects

RECOMMENDATION:

It is staff's recommendation to begin the process of transferring the water services to Glendale and finalize the project costs. Staff will bring this item to a future Board meeting for final approval of the transfer of service to Glendale

Prepared & Submitted by:



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

Attachments:

1. Exhibit A – 4500 Block of Frederick Ave
2. Exhibit B – 3400 Block of Thelma Street
3. Sample – Change of Water Service Provider form

G:\Engineering Committee\2022 EC Memo\01-25-22 ECM Memo Fredrick-Thelma Transfer.docx

GENERAL NOTES:

- THE CONTRACTOR SHALL NOTIFY C.V.W.D. PROJECT ENGINEER CHRISTINA KOPELMAN FIVE (5) WORKING DAYS PRIOR TO STARTING WORK. AT (818) 248-3925.
- THE DISTRICT WILL EXECUTE ALL SHUT-DOWNS AND TURN-ONS. THE CONTRACTOR SHALL PROVIDE THE DISTRICT WITH AT LEAST (5) WORKING DAYS NOTICE. WATER TIGHT SHUT-DOWNS ARE NOT ASSURED BY THE DISTRICT; THEREFORE, THE CONTRACTOR SHALL BE PREPARED FOR VALVE LEAKAGE THAT MAY OCCUR DURING SYSTEM SHUT-DOWN.
- ALL WORK SHALL CONFORM TO C.V.W.D. STANDARD SPECIFICATIONS AND STANDARD DRAWINGS.
- ALL WATER SYSTEM INSTALLATIONS SHALL BE INSPECTED BY C.V.W.D.
- PIPE SHALL HAVE A MINIMUM OF 36 INCHES OF COVER AND A MAXIMUM OF 42 INCHES OF COVER FROM FINISHED GRADE. UNLESS OTHERWISE NOTED.
- ALL FIELD WELDING SHALL BE IN ACCORDANCE WITH AWWA C206.
- BACKFILL PROCEDURE SHALL BE COVERING THE PIPELINE WITH APPROVED BEDDING MATERIAL, HAND PLACED DEPTH OF 12 INCHES OR MORE ABOVE THE TOP OF THE PIPE. THE BALANCE OF BACKFILL SHALL CONTAIN NO STONES MORE THAN 2 INCHES IN THEIR LARGEST DIMENSION.
- THE CONTRACTOR SHALL HYDROSTATICALLY TEST ALL PIPE UPON COMPLETION. THE REQUIRED TEST SHALL BE IN ACCORDANCE WITH C.V.W.D. TECHNICAL PROVISIONS.
- FLUSHING AND DISINFECTION: UPON COMPLETION OF THE HYDROSTATIC TESTS, THE PIPES SHALL BE FLUSHED AND DISINFECTED. DISINFECTION SHALL BE IN ACCORDANCE WITH THE STANDARD FOR DISINFECTING WATER MAINS, (AWWA C601) AND SHALL BE SCHEDULED WITH C.V.W.D.
- ALL FITTINGS AND VALVES SHALL MEET C.V.W.D. SPECIFICATIONS.
- ALL CONNECTIONS TO EXISTING FACILITIES SHALL BE SCHEDULED WITH C.V.W.D. NO CONNECTIONS TO C.V.W.D. SYSTEM UNTIL PIPE HAS SUCCESSFULLY PASSED THE HYDROSTATIC AND DISINFECTION TEST.
- ALL SERVICE LATERALS SHALL CONFORM TO C.V.W.D. STANDARDS.
- ALL VALVE CANS SHALL BE RAISED TO FINISHED GRADE DURING FINAL PAVING.
- EXISTING METERS SHALL BE RECONNECTED PER TECHNICAL SPECIFICATION T-7.
- PROPERTIES WITH STREET NUMBERS SHOWN SHALL HAVE WATER SERVICE LATERALS REPLACED AND CONNECTED TO PROPOSED 8 INCH CML&CMC AS REQUIRED TO MEET C.V.W.D. STANDARDS AND SPECIFICATIONS. EXACT LOCATION OF LATERAL / MAIN CONNECTION TO BE DETERMINED IN FIELD BY CONTRACTOR AND APPROVED BY C.V.W.D. INSPECTOR.
- ALL REQUIRED WATER SERVICES SHALL BE CONNECTED TO NEW WATER MAIN AFTER HYDROSTATIC TESTING AND DISINFECTING, AND PRIOR TO FINAL TIE-IN OF NEW WATER MAIN.
- BY APPROVING THIS PLAN, THE WATER PURVEYOR IS NEITHER GUARANTEEING NOR AGREEING THAT IT WILL SUPPLY WATER AT ANY SPECIFIC QUANTITIES OR PRESSURE AND NO SUCH OBLIGATION IS CREATED HEREBY.
- CONTRACTOR TO NOTE THAT EXACT LOCATION AND DEPTH OF EXISTING FACILITIES MAY VARY AND SHOULD BE VERIFIED BY EXPLORATORY EXCAVATION AT TIME OF CONSTRUCTION. CONTRACTOR TO NOTIFY UNDERGROUND SERVICE ALERT PH. 1-800-227-2600, AT LEAST TWO WORKING DAYS PRIOR TO DIGGING.
- TRAFFIC CONTROL DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL CONFORM WITH REQUIREMENTS OF LOCAL TRAFFIC AUTHORITY.
- ALL UNLINED FITTINGS AND SPECIALS SHALL BE FIELD MORTAR LINED (MIN. 5/16" THICK).
- NO HOSE OR FIRE HYDRANT SHALL BE USED IN THE COLLECTION OF BACTERIOLOGIC SAMPLES. A RISER WITH SAMPLING TAP, OR OTHER C.V.W.D. APPROVED INSTALLATION SHALL BE REQUIRED.
- REMOVE EXISTING VALVE SLEEVE AND VALVE CAN CAP. ABANDON EXISTING VALVE IN-PLACE AND BACKFILL PER TECHNICAL PROVISION T-3 AND RESURFACE PER TECHNICAL PROVISION T-5.
- ALL OFFSET DISTANCES ARE APPROXIMATE, CONTRACTOR SHALL VERIFY LOCATION PRIOR TO CONSTRUCTION.
- REMOVE EXISTING VALVE SLEEVE, VALVE CAN CAP & EXISTING VALVE, PLATE EXIST. MAIN PER L.A. COUNTY STD. DWG. W-22 AND BACKFILL PER TECHNICAL PROVISION T-3 AND RESURFACE PER TECHNICAL PROVISION T-5.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION OF THIS PROJECT IN ACCORDANCE WITH C.V.W.D. & COUNTY OF LOS ANGELES PLANS & SPECIFICATIONS. ANY DEVIATION FROM THESE PLANS & SPECIFICATIONS SHALL BE AUTHORIZED PRIOR TO CONSTRUCTION BY C.V.W.D. PROJECT ENGINEER. FAILURE TO OBTAIN PRIOR APPROVAL MAY RESULT IN ADDITIONAL COSTS TO THE CONTRACTOR (SEE CONTRACT SPECIFICATIONS, GENERAL PROVISIONS ARTICLE 3 & 4).

SYMBOLS & ABBREVIATIONS

C.V.W.D.	-	CRESCENTA VALLEY WATER DISTRICT
S.C. GAS	-	SOUTHERN CALIFORNIA GAS COMPANY
C. OF G.	-	CITY OF GLENDALE
L.A. CO.	-	LOS ANGELES COUNTY
L.A.C.D.P.W.	-	LOS ANGELES COUNTY DEPT. OF PUBLIC WORKS
PAC BELL	-	PACIFIC BELL
AT&T	-	AT&T CORPORATION
EDISON	-	SOUTHERN CALIFORNIA EDISON COMPANY
C.A.T.V.	-	CHARTER COMMUNICATIONS CABLE
L.C.I.D.	-	LA CANADA IRRIGATION DISTRICT
F.M.W.D.	-	FOOTHILL MUNICIPAL WATER DISTRICT
APWA	-	AMERICAN PUBLIC WORKS ASSOCIATION
AWWA	-	AMERICAN WATER WORKS ASSOCIATION
C.L.	-	CENTER LINE
P.L.	-	PROPERTY LINE
N/C.L.	-	NORTH OF CENTER LINE
S/C.L.	-	SOUTH OF CENTER LINE
CL&W	-	CEMENT MORTAR LINED & WRAPPED STEEL PIPE
CML&CMC	-	CEMENT MORTAR LINED & CEMENT MORTAR COATED
C.I. OR C.I.P.	-	CAST IRON PIPE
O.D.	-	OUTSIDE DIAMETER
I.D.	-	INSIDE DIAMETER
R.C.P.	-	REINFORCED CONCRETE PIPE
S.S.	-	STANDARD STEEL PIPE
M.H.	-	MANHOLE
F.H.	-	FIRE HYDRANT
W.M.	-	WATER METER

TS	-	TRAFFIC SIGNAL
F.E.	-	FLANGED END
G.V.	-	GATE VALVE
R.S.	-	RESILIENT SEAT
F.E.B.V.	-	FLANGED END BUTTERFLY VALVE
CONC.	-	CONCRETE
A.C. PV/MT.	-	ASPHALT CONCRETE PAVEMENT
P.C.C.	-	PORTLAND CEMENT CONCRETE
EXIST.	-	EXISTING
STD.	-	STANDARD
STD. DWG.	-	STANDARD DRAWING
EXISTING WATER METER BOX	-	EXISTING WATER METER BOX
PROPOSED BLOW-OFF	-	PROPOSED BLOW-OFF
PROPOSED AIR RELEASE ASSEMBLY	-	PROPOSED AIR RELEASE ASSEMBLY
STEEL METER BOX TRAFFIC LID	-	STEEL METER BOX TRAFFIC LID
PROPOSED 6" X 4" X 2-1/2" FIRE HYDRANT	-	PROPOSED 6" X 4" X 2-1/2" FIRE HYDRANT
PROPOSED GATE VALVE	-	PROPOSED GATE VALVE
EXISTING GATE VALVE	-	EXISTING GATE VALVE
ELECTRICAL BOX	-	ELECTRICAL BOX
STREET LIGHT	-	STREET LIGHT
TRAFFIC SIGNAL	-	TRAFFIC SIGNAL
PROPOSED POT HOLE	-	PROPOSED POT HOLE
PROPOSED BLOW-OFF	-	PROPOSED BLOW-OFF
POWER POLE, PWR. POLE, P.P.	-	POWER POLE, PWR. POLE, P.P.

EXISTING TREE	-	EXISTING TREE
EXISTING LANDSCAPE GRASS	-	EXISTING LANDSCAPE GRASS
EXISTING LANDSCAPE SHRUBS	-	EXISTING LANDSCAPE SHRUBS
EXISTING LANDSCAPE ROCK OR GRAVEL	-	EXISTING LANDSCAPE ROCK OR GRAVEL
EXISTING BRICK	-	EXISTING BRICK
EXISTING CONCRETE	-	EXISTING CONCRETE
EXISTING BLACKTOP DRIVEWAY	-	EXISTING BLACKTOP DRIVEWAY
EXISTING CONCRETE BLOCK WALL	-	EXISTING CONCRETE BLOCK WALL

24" R.C.P. STORM DRAIN 10' W/C.L. (L.A.C.D.P.W.)

NEW YORK AVE

SEE DTL "X" DWG. C-4XX

* TIE INTO EXIST 8" STD. STEEL WITH 8"x8"x8" STD. WELD TEE AND BUTT STRAPS

24" R.C.P. STORM DRAIN 13' W/C.L. (L.A.C.D.P.W.)

20" C. OF G. WATER 7' W/C.L.

3" S.C. GAS 11' E/C.L. (PROTECT IN PLACE)

8" C. OF GLENDALE SAN. SEWER ON C.L.

EXIST. 8" STD. 14' E/C.L.

12" C. OF G. WATER 7' W/C.L.

THELMA ST

EXIST 6" F.E.G.V.

EXIST 6" F.E.G.V.

EXIST 8" F.E.G.V.

6" C. OF GLENDALE 10' S/C.L.

8" C. OF G. WATER 18' E/C.L.

ABANDONED 4" STD. 15.5' E/C.L.

INSTALL 8" 11.25' STD. WELD ELBOW

EXIST 8" F.E.G.V.
REMOVE AS NEEDED SECTION OF EXIST 6" STD. FOR NEW INSTALLATION CUT & PLUG EXIST. 6" STD. PER L.A.C.D.P.W. STD. PLANS DWG. W-22

ABANDON IN-PLACE 6" F.E.G.V.

INSTALL 8" R.S. F.E.G.V. W/ SLIP-ON FLANGES

ABANDON IN-PLACE EXIST. 6" STD. 9' N/C.L.

ABANDON IN-PLACE EXIST. 4" STD. 10.5' N/C.L.

** INSTALL 8" CML&CMC 5' N/C.L. (WELDED JOINTS)

INSTALL 8" 11.25' STD. WELD ELBOW

2" S.C. GAS 16' N/C.L. (PROTECT IN PLACE)

INSTALL 8" 11.25' STD. WELD ELBOW

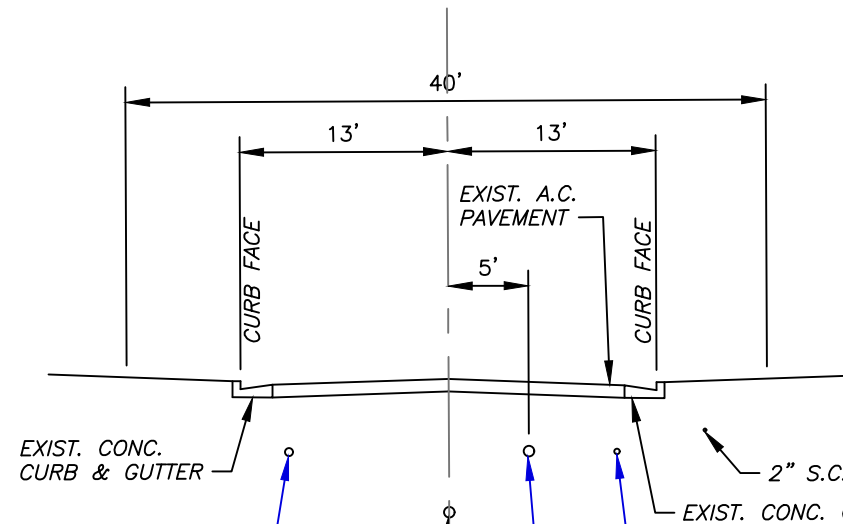
ABANDON IN-PLACE 4" F.E.G.V.

EXIST C.O.G. 6"x4"x2-1/2" FIRE HYDRANT

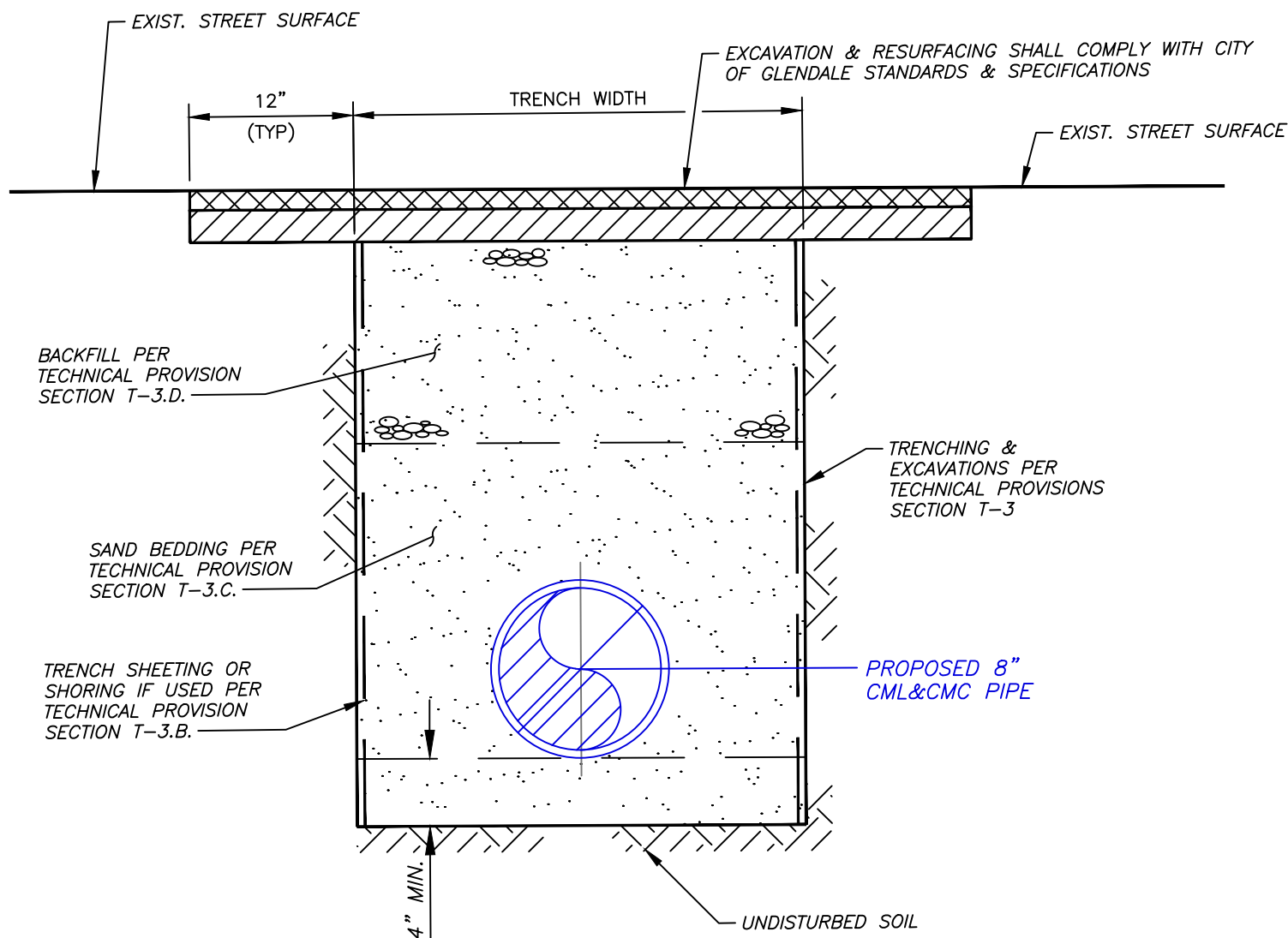
8" C. OF G SAN. SEWER ON C.L.

* POT HOLE PRIOR TO CONSTRUCTION FOR DEPTH, LOCATION & CONDITION OF UNDERGROUND FACILITIES

** INSTALLATION OF 8"CML&CMC WILL REQUIRE EACH JOINT TO BE FULLY WELDED PER L.A.C.D.P.W. STANDARD PLANS DWG. W-50 FOR ZONE "B" WATER MAIN CONSTRUCTION REQUIREMENTS.



TYP. CROSS SECTION ON 3300 BLOCK OF THELMA ST
N.T.S.



TYP. TRENCH DETAIL
N.T.S.

1-800-422-4133

UNDERGROUND SERVICE ALERT

DIG ALERT



PLAY IT SAFE. DIAL BEFORE YOU DIG!

AT LEAST TWO WORKING DAYS PRIOR TO EXCAVATING

DISCLAIMER

APPROVAL BY C.V.W.D. DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF DESIGN OR THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES, STRUCTURES, AND CONDITIONS WITHIN THE LIMITS OF THE PROJECT.

SCALE:

DRAWN BY: 1" = 40'

CHECKED BY: C. BARTLEMAN

APPROVED BY:

AS BUILT BY:

DATE

CRESCENTA VALLEY WATER DISTRICT

8" WATER MAIN INSTALLATION ON THELMA ST. AND NEW YORK AVE. INTERSECTION

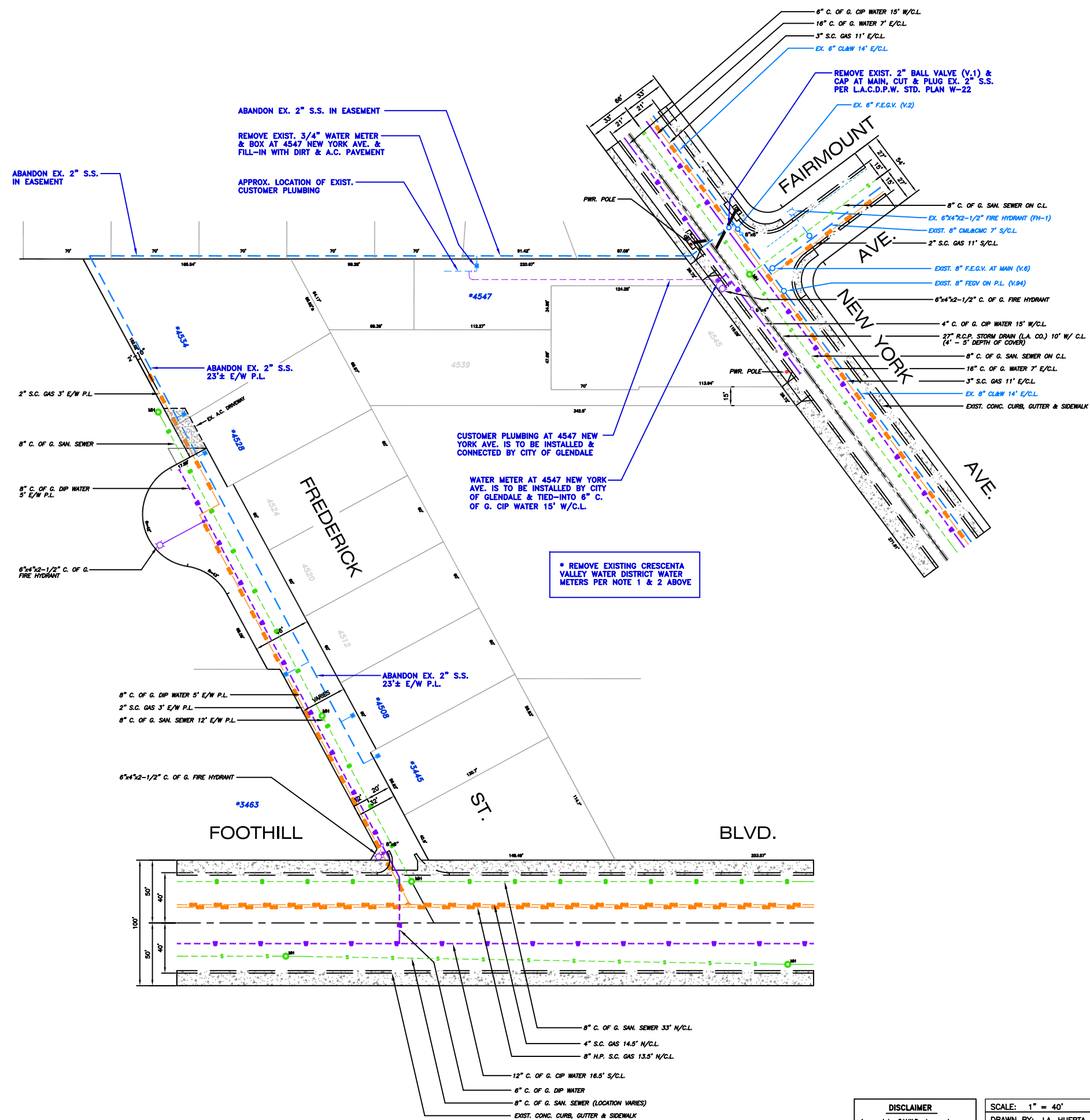
SHT. 1 OF X SHTS.

COMPLETION DATE:

JOB NO. E-1034

LINEAR FT:

DWG NO. C-XXX

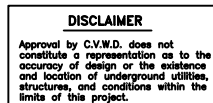


1. SERVICES AT 4508, 4528, 4534 FREDERICK ST.,
3445 & 3463 THOUTER BLVD. WILL BE TRANSFERRED
TO CITY OF GLENDALE'S 8" DIP WATER MAIN 5' E/W P.L.
SERVICE AT 4547 NEW YORK AVE. WILL BE TRANSFERRED
TO CITY OF GLENDALE'S 6" CIP WATER MAIN 15' W/C/L

2. EXISTING CUYWD WATER METERS & BOXES AT 4508, 4528,
4534 FREDERICK ST., 3445 & 3463 THOUTER BLVD. & 4547
NEW YORK AVE. WILL BE REMOVED & KILLED WITH DIRT
& A.C. PAVEMENT OR CONCRETE SIDEWALK TO EXIST. GRADE
PER CITY OF GLENDALE SPECIFICATIONS.

**PRELIMINARY
NOT FOR
CONSTRUCTION**

SUBJECT TO CHANGE



SCALE: 1" = 40'	DATE
DRAWN BY: J.A. HUERTA	10/24/17
CHECKED BY: B. YARED	
APPROVED: B. YARED	
AS BUILT:	

CRESCENTA VALLEY WATER DISTRICT **CWVW**
**TRANSFERRED SERVICES ON FREDERICK ST.
 TO CITY OF GLENDALE
 & ABANDONMENT OF 2" S.S. PIPE**

GLENDALE PERMIT #	
SHT. <u>1</u> OF <u>1</u> SHTS.	
COMPLETION DATE:	LINEAR FT.
JOB NO. E-991	FILE NO. C-407

CRESCENTA VALLEY WATER DISTRICT

STAFF REPORT

Information Item No. 3
January 25, 2022

To: Engineering Committee
From: David S. Gould, P.E. – Director of Engineering & Operations
Subject: Status Update - FY 21/22 Capital Improvement Project Budget

DISCUSSION:

The following is an update of the FY 21/22 Capital Improvement Project status and budget update.

1. 2800 to 3100 Blocks of Los Olivos (E-1033)

- a. Award to Brkich Construction
- b. Virtual Community Meeting – 1/27/22
- c. Start Construction – 2/7/22
- d. End Construction – July 2022
- e. Budget

Account Description	Amount
FY 21/22 Water Distribution Pipeline Replacement for E-1033	\$1,500,000
E-1033 - 2800-3100 Los Olivos Ln., - Contract Bid	(\$945,600)
E-1033 - 10% Contingency for cost of unforeseen or additional work	(\$94,560)
E-1033 - Tetra Tech - Engineering Design Services	(\$56,200)
E-1033 - Dudek - Construction Management & Inspection Services	(\$142,230)
E-1033 - Additional costs such as material purchased by CVWD, soils engineer, and CVWD labor costs	(\$265,086)
Total Cost Estimate	(\$1,503,676)
Amount Remaining	(\$3,676)

2. 3200 Block of Alabama 4700 & 4800 Blocks of Cheryl & 3300 Block of Thelma St (E-1034)

- a. Finalize design with Tetra Tech
- b. Removing Thelma St from project and transferring water services
- c. Removing 4800 Block of Cheryl since served by Glendale
- d. Advertising for Bids – 1/31/22
- e. Bid Opening – 2/16/22
- f. Award of Contract – 2/22/22
- g. Start Construction – 3/7/22
- h. End Construction – July 2022
- i. Budget

Account Description	Amount
FY 21/22 Water CIP– Water Distribution Pipeline Replacement	\$1,100,000
E-1034 Engineer's Cost Estimate for Contractor	(\$773,130)
E-1034 - 10% Contingency for cost of unforeseen or additional work	(\$77,300)
E-1034 - Tetra Tech - Engineering Design Services	(\$56,200)
E-1034 - Estimate for Construction Management & Inspection Services	(\$85,200)
Additional costs such as material purchase by CVWD, soils engineer & inspection labor costs	(\$175,000)
Total Cost Estimate for Project E-1034	(\$1,166,830)
Amount Remaining in Water CIP – Distribution System	(\$66,830)

3. FY 20/21 – Pipeline Replacement Projects – Carryover to FY 21/22

- a. E-1022 – Project completed in October 2021, finalizing change orders and project close out.

FY 20/21 Pipeline Replacement Program Cost Update: 01/18/2022	E-Job	Recorded FY 20/21	Budget FY 21/22	FY 21/22 Cost to date from 7/1/21 to 12/31/21	FY 21/22 Cost Committed from 1/1/22 to 6/30/22	Projected FY 21/22
2400 & 2500 Blocks of Janet Lee	E-1008	\$ 861,188		\$ 59,680		
4300 Block of Rosemont	E-1019	\$ 39,407		\$ 1,458		
3400 & 3500 Block of Encinal	E-1021	\$ 760,569		\$ 29,852		
4800 block of Dyer, 2800 block of El Caminito, 4800 block of Glenwood, 2800 block of Stevens & 2700 block of Paraiso Way	E-1022	\$ 175,758		\$ 610,852		
FY 20/21 Pipeline Replacement		\$1,836,922	\$400,000	\$ 701,842	\$ 35,000	\$736,842

4. New Pressure Reducing Station & Rehabilitation of the Ramsdell Mixing Station (E-977)

- a. 90% design under review by staff
b. Preliminary Construction Cost Estimate – \$1.2M
c. Staff working with Cannon on budget and construction schedule

5. Steel Reservoir Rehabilitation at Edmund #2 (E-1036)

- a. Contract awarded to J. Colon Coatings Inc.
b. Structural work started – Dec 2021
c. Possible delay – Letter from contractor on workforce shortage
d. Re-Coating work anticipated to start – Feb 2022
e. Project anticipated to be completed – April 2022

Account Description	Amount
FY 21/22 Water CIP– Water Storage	\$590,000
E-1036 - J. Colon - Contract amount	(\$623,100)
E-1036 - Harper & Associates - Engineering Design Services	(\$14,000)
E-1036 - Harper & Associates - Quality Control Inspection Services	(\$36,020)
Additional Costs such as CVWD labor costs	(\$22,880)
Total Cost Estimate for Project E-1036	(\$696,000)
Amount Remaining in Water CIP – Water Storage	(\$106,000)

6. Well 9 Rehabilitation

- a. In Design
b. Working with General Pump Company on Annual Well & Pump Rehabilitation Contract

7. Booster 26 at Cresta Heights Replacement

- a. In Design
b. Working with General Pump Company on Annual Well & Pump Rehabilitation Contract

8. Replacement of SCADA communication radio network (E-1025)

- a. Behind Schedule
b. Developing Scope of Work

9. Replacement of SCADA Equipment, Programing & Integration (E-939)

- a. Pilot Project for Wells 8 & 14 – Complete
b. Working on updating scope of work and construction costs.
c. Pilot Project expansion

10. Conversion of Disinfection System to Chloramines (E-995)

- a. Behind Schedule
b. Working on Scope of Work

11. AMI – Customer Engagement Platform (E-1035)

- a. Working with WaterSmart on transferring data
- b. Reviewing “Welcome Letter” to customers
- c. Weekly meetings

12. AMI – Installation of ¾” & 1” meters (E-1035)

- a. Completing installation of ¾” & 1” meters within Zone 1
- b. Held planning meeting for installation of about 1,000 SmartPoints in Zone 1

13. AMI – Installation of 3” & 4” meters (E-1031)

- a. Waiting on USBR to finalizing Agreement
- b. Meeting in February 2022 to start survey of 3” & 4” meters

14. FEMA Local Hazard Mitigation Plan (M-1004)

- a. Applied for Notice of Intent (NOI) with FEMA for two (2) projects
- b. Project 1 – New emergency electrical generators at 5 sites
- c. Project 2 – Seismic Evaluation of CVWD’s facilities

FY 2021/21 CIP Budget

See attached for updated CIP Budget

RECOMMENDATION:

Staff’s recommendation is to continue to provide updated information to the Engineering Committee as the FY 21/22 CIP program progress over the next 6-months.

Prepared & submitted by:



David S. Gould, P.E.

Director of Engineering & Operations

FY 21/ 22 Capital Improvement Project Program Cost Update: 01/18/2022	Recorded FY 20/21		Budget FY 21/22	<u>FY 21/22</u> Cost to date from 7/1/21 to 12/31/21	<u>FY 21/22</u> Cost Committed from 1/1/22 to 6/30/22	Projected FY 21/22
1. Water Supply	\$ 153,866		\$ 135,000	\$ 4,548	\$ 135,000	\$ 139,548
2. Water Storage	\$ 663,213		\$ 616,900	\$ 48,744	\$ 675,773	\$ 724,516
3A. Water Distribution - Pipeline - Pyramid - 20 yrs	\$ 1,838,368		\$ 3,000,000	\$ 886,112	\$ 2,513,235	\$ 3,399,348
3B. Water Distribution - Other	\$ 139,017		\$ 781,000	\$ 48,131	\$ 732,869	\$ 781,000
4. Water Treatment	\$ 54,073		\$ 75,000	\$ -	\$ 75,000	\$ 75,000
5. Technology	\$ 466,671		\$ 1,019,000	\$ 110,229	\$ 911,771	\$ 1,022,000
6. Public Safety/Emergency Response	\$ 134,549		\$ 30,450	\$ 24,015	\$ 6,435	\$ 30,450
7. Facilities & Planning	\$ 3,956		\$ -	\$ -	\$ -	\$ -
Capital Improvement Projects - Total	\$ 3,453,712		\$ 5,657,350	\$ 1,121,779	\$ 5,050,083	\$ 6,171,862
Bond Financing - CIP	\$ 2,695,174		\$ 2,304,826			\$ 2,304,826
Water Distribution - Pipeline Total			\$ 3,000,000			\$ 3,399,348
Remaining CIP			\$ 2,657,350			\$ 2,772,514
Water Fund Financing - CIP	\$ 758,538		\$ 3,352,524			\$ 3,867,036
Total Financing - CIP	\$ 3,453,712		\$ 5,657,350			\$ 6,171,862

Revised Date: 1/24/2022

FY 21/ 22 Capital Improvement Project Program Cost Update: 01/18/2022		Recorded FY 20/21		Budget FY 21/22	<u>FY 21/22</u> Cost to date from 7/1/21 to 12/31/21	<u>FY 21/22</u> Cost Committed from 1/1/22 to 6/30/22	Projected FY 21/22
4. Water Treatment							
C. Disinfection - Convert to Chloramines							
	<i>Conversion to Chloramination</i>	\$	54,073	\$	75,000	\$	75,000
WT Total		\$	54,073	\$	75,000	\$	75,000
5. Technology							
A. Automated Meter Information (AMI) System							
	<i>AMI - Communication</i>	\$	215,080				
	<i>3" & 4" Smart Meters</i>	\$	1,004	\$	200,000	\$	200,000
	<i>AMI - 3/4" to 1" - Smart Meters</i>	\$	71,693	\$	233,000	\$	233,000
	<i>AMI - Customer Service Interface</i>			\$	87,000	\$	87,000
	<i>AMI - USBR Grant</i>			\$	-	\$	3,000
B. Supervisory Control and Data Acquisition (SCADA) System							
	<i>Communication Radio Network</i>	\$	72,917	\$	125,000	\$	125,000
	<i>SCADA Replacement - Installation</i>	\$	105,977	\$	374,000	\$	374,000
TECH Total		\$	466,671	\$	1,019,000	\$	1,022,000
6. Public Safety/Emergency Response							
D. Miscellaneous							
	<i>FEMA Local Hazard Mitigation Plan</i>	\$	134,549	\$	30,450	\$	30,450
SF/ER Total		\$	134,549	\$	30,450	\$	30,450
7. Facilities & Planning							
D. Reservoir Site Improvements							
	<i>Roof for Old Encinal - Storage Bldg</i>	\$	3,956				
F & P Total		\$	3,956	\$	-	\$	-
Capital Improvement Projects - Total		\$	3,453,712	\$	5,657,350	\$	6,171,862