



AGENDA

**REGULAR MEETING OF THE BOARD OF DIRECTORS
LA PUENTE VALLEY COUNTY WATER DISTRICT
112 N. FIRST STREET, LA PUENTE, CALIFORNIA
MONDAY, APRIL 27, 2020 AT 5:30 PM**

TELECONFERENCE ACCESS: Pursuant to Executive Order N-29-20 issued by Governor Newsom in response to the COVID-19 pandemic as a precaution to protect staff, our constituents, and elected officials, the La Puente Valley County Water District will hold its Board meeting via teleconference or the most rapid means of communication available at the time.

**PHONE NUMBER: (669) 900-9128
MEETING ID: 818 6279 1588 #**

1. CALL TO ORDER

2. PLEDGE OF ALLEGIANCE

3. ROLL CALL OF BOARD OF DIRECTORS

President Hernandez____ Vice President Hastings____ Director Barajas____
Director Escalera____ Director Rojas____

4. PUBLIC COMMENT

Anyone wishing to discuss items on the agenda or pertaining to the District may do so now. The Board may allow additional input during the meeting. A five-minute limit on remarks is requested.

5. ADOPTION OF AGENDA

Each item on the Agenda shall be deemed to include an appropriate motion, resolution or ordinance to take action on any item. Materials related to an item on this agenda submitted after distribution of the agenda packet are available for public review at the District office, located at the address listed above.

6. APPROVAL OF CONSENT CALENDAR

There will be no separate discussion of Consent Calendar items as they are considered to be routine by the Board of Directors and will be adopted by one motion. If a member of the Board, staff, or public requests discussion on a particular item, that item will be removed from the Consent Calendar and considered separately.

- A. Approval of Minutes of the Regular Meeting of the Board of Directors held on March 23, 2020.
- B. Approval of District Expenses for the Month of March 2020.
- C. Approval of City of Industry Waterworks System Expenses for the Month of March 2020.

- D. Receive and File the District's Water Sales Report for March 2020.
- E. Receive and File the City of Industry Waterworks System's Water Sales Report for March 2020.
- F. Receive and File the Report on Director Expenses for the First Quarter of 2020.
- G. Receive and File the Industry Public Utilities' Water Operations 2019-20 Third Quarter Report.

7. FINANCIAL REPORTS

- A. Summary of the District's Cash and Investments as of March 31, 2020.
Recommendation: Receive and File.
- B. Statement of District's Revenue and Expenses as of March 31, 2020.
Recommendation: Receive and File.
- C. Statement of the Industry Public Utilities Water Operations Revenue and Expenses as of March 31, 2020.
Recommendation: Receive and File.

8. ACTION / DISCUSSION ITEMS

- A. Consideration of the Purchase of a Nitrate Analyzer for the District's Groundwater Treatment Facility.
Recommendation: Authorize the General Manager to Purchase the Nitrate Analyzer as Quoted by Hach for a not to exceed cost of \$50,000.
- B. Consideration of Insurance Policy Renewal for the Main San Gabriel Basin Watermaster, Baldwin Park Operable Unit (BPOU).
Recommendation: Approve the Renewal of the BPOU Insurance Policy.

9. OPERATIONS AND MAINTENANCE SUPERINTENDENT'S REPORT

Recommendation: Receive and File.

10. GENERAL MANAGER'S REPORT

11. OTHER ITEMS

12. ATTORNEY'S COMMENTS

13. BOARD MEMBER COMMENTS

- A. Report on Events Attended.
- B. Other Comments.

14. FUTURE AGENDA ITEMS

15. ADJOURNMENT

POSTED: Friday, April 24, 2020

President Henry P. Hernandez, Presiding.

Any qualified person with a disability may request a disability-related accommodation as needed to participate fully in this public meeting. In order to make such a request, please contact Mr. Greg Galindo, Board Secretary, at (626) 330-2126 in sufficient time prior to the meeting to make the necessary arrangements.

Note: Agenda materials are available for public inspection at the District office or visit the District's website at www.lapuentewater.com.



**MINUTES OF THE REGULAR MEETING OF
THE BOARD OF DIRECTORS OF THE
LA PUENTE VALLEY COUNTY WATER DISTRICT
FOR MONDAY, MARCH 23, 2020 AT 5:30 PM**

1. CALL TO ORDER (Board Room was open to the public)

President Hernandez called the meeting to order at 5:30 p.m.

2. PLEDGE OF ALLEGIANCE

President Hernandez led the meeting in the Pledge of Allegiance.

3. ROLL CALL OF THE BOARD OF DIRECTORS

President Hernandez	Vice President Hastings	Director Barajas	Director Escalera	Director Rojas
Present	Present via teleconference	Present via teleconference	Present via teleconference	Present via teleconference

OTHERS PRESENT

Staff and Counsel: General Manager & Board Secretary, Greg Galindo; Customer Service and Accounting Clerk, Vanessa Koyama (via teleconference) and District Counsel, Jim Ciampa (via teleconference).

Public: No members of the public were present.

4. PUBLIC COMMENTS

There were no comments from the public.

5. ADOPTION OF AGENDA

Motion: Adopt Agenda as Presented.

1st: Director Escalera

2nd: Director Rojas

	President Hernandez	Vice President Hastings	Director Barajas	Director Escalera	Director Rojas
Vote	Yes	Yes	Yes	Yes	Yes

Motion carried by a vote of: 5 Yes, 0 No, 0 Abstain.

6. APPROVAL OF CONSENT CALENDAR

Motion: Approve Consent Calendar as Presented.

1st: Director Rojas

2nd: Director Barajas

	President Hernandez	Vice President Hastings	Director Barajas	Director Escalera	Director Rojas
Vote	Yes	Yes	Yes	Yes	Yes

Motion carried by a vote of: 5 Yes, 0 No, 0 Abstain.

7. FINANCIAL REPORTS

A. Summary of the District’s Cash and Investments as of February 29 2020.

Mr. Galindo provided a summary of the balances in each account provided in the Summary of Cash and Investments as of February 29, 2020.

Motion: Receive and File the Summary of Cash and Investments as of February 29, 2020.

1st: President Hernandez

2nd: Director Rojas

	President Hernandez	Vice President Hastings	Director Barajas	Director Escalera	Director Rojas
Vote	Yes	Yes	Yes	Yes	Yes

Motion carried by a vote of: 5 Yes, 0 No, 0 Abstain.

B. Statement of District’s Revenue and Expenses as for February 29, 2020.

Mr. Galindo provided a summary of the Statement of Revenues and Expenses for the District as of February 29, 2020 and explained the budget to date balances for various accounts.

Motion: Receive and File the Statement of the District’s Revenue and Expenses as of February 29, 2020.

1st: President Hernandez

2nd: Director Escalera

	President Hernandez	Vice President Hastings	Director Barajas	Director Escalera	Director Rojas
Vote	Yes	Yes	Yes	Yes	Yes

Motion carried by a vote of: 5 Yes, 0 No, 0 Abstain.

C. Statement of the Industry Public Utilities’ Water Operations Revenue and Expenses as of February 29, 2020.

Mr. Galindo provided a summary of the Statement of Revenues and Expenses for the Industry Public Utilities’ Water Operations and explained the budget to date balances for various accounts.

Motion: Receive and File the Statement of the Industry Public Utilities Water Operations’ Revenue and Expenses as of February 29, 2020.

1st: President Hernandez

2nd: Vice President Hastings

	President Hernandez	Vice President Hastings	Director Barajas	Director Escalera	Director Rojas
Vote	Yes	Yes	Yes	Yes	Yes

Motion carried by a vote of: 5 Yes, 0 No, 0 Abstain.

8. ACTION / DISCUSSION ITEMS

A. Consideration of Resolution No. 266 Authorizing the General Manager to Take All Actions Necessary in Response to the COVID-19 Pandemic.

Mr. Galindo provided a summary of the Resolution and the necessary actions that he may need to take as General Manager in response to the COVID-19 Pandemic. He also summarized the current operational changes for office and field staff. After some discussion a motion was made by President Hernandez.

Motion: Approve Resolution No. 266
 1st: President Hernandez
 2nd: Director Barajas

	President Hernandez	Vice President Hastings	Director Barajas	Director Escalera	Director Rojas
Vote	Yes	Yes	Yes	Yes	Yes

Motion carried by a vote of: 5 Yes, 0 No, 0 Abstain.

B. Consideration of Performing a Pilot Study of Nitrate Selective Ion Exchange Resins with Purolite.

Mr. Galindo provided information on Pilot Study proposed by Purolite to test the performance of a Nitrate selective resin that may be used in the District’s Nitrate treatment system that is currently being designed. He also explained cost to the District to support the pilot study, such as the purchase of a Nitrate analyzer, laboratory cost and staff labor to operate the pilot system for a period of a month. After some discussion a motion was made by President Hernandez.

Motion: Authorize the General Manager to Proceed with the Pilot Study as Presented.
 1st: President Hernandez
 2nd: Vice President Hastings

	President Hernandez	Vice President Hastings	Director Barajas	Director Escalera	Director Rojas
Vote	Yes	Yes	Yes	Yes	Yes

Motion carried by a vote of: 5 Yes, 0 No, 0 Abstain.

C. Consideration of Investments of the District’s Reserve Funds.

Mr. Galindo summarized his staff report regarding the remaining CD investment through Raymond James. A motion was then made by Vice President Hastings.

Motion: Approve the Transfer of the Balance of District’s Funds Held in its Raymond James Account to the District’s Local Agency Investment Fund (LAIF) Account.

1st: Vice President Hastings

2nd: President Hernandez

	President Hernandez	Vice President Hastings	Director Barajas	Director Escalera	Director Rojas
Vote	Yes	Yes	Yes	Yes	Yes

Motion carried by a vote of: 5 Yes, 0 No, 0 Abstain.

D. Consideration of Nominees for the Special District LAFCO Representative for the Term Expiring May 2020.

Mr. Galindo reviewed the election process for the Special District LAFCO Representative and the candidates for the Board to consider.

Motion: Cast Ballot for Donald L. Dear for LAFCO Representative for the Term Expiring May 2020.

1st: Director

2nd: Director Escalera

	President Hernandez	Vice President Hastings	Director Barajas	Director Escalera	Director Rojas
Vote	Yes	Yes	Yes	Yes	Yes

9. GENERAL MANAGER’S REPORT

Mr. Galindo provided an update on District operations. Mr. Galindo stated that the District will be suspending disconnections and late fees during the COVID-19 pandemic. He also stated that this information will be posted on the District’s website and in its social media. He stated that the same will apply to the Industry Public Utilities water system customers.

10. OTHER ITEMS

A. Upcoming Events.

Mr. Galindo reported that based on the current situation, all events for the next couple of months have been cancelled or postponed.

B. Information Items.

Included in Board Packet.

11. ATTORNEY’S COMMENTS

Mr. Ciampa reported on the closing date for the District’s loan and the closing process.

12. BOARD MEMBER COMMENTS

A. Report on Events Attended.

No Events to Report.

B. Other Comments.

No Additional Comments.

13. FUTURE AGENDA ITEMS

No future items.

14. ADJOURNMENT

President Hernandez adjourned the meeting at 6:05 p.m.

Attest:

Henry P. Hernandez, President

Greg B. Galindo, Secretary

La Puente Water District March 2020 Disbursements

Check #	Payee	Amount	Description
7608	Henry P Hernandez	\$ 51.75	AGWA-AGWT Mileage Reimbursement
7609	CalPERS	\$ 25,000.00	Unfunded Acrual Liability
7610	CCSInteractive	\$ 54.40	Monthly Website Hosting
7611	Coverall North America Inc	\$ 255.00	Cleaning Service
7612	Fedak & Brown LLP	\$ 8,250.00	Audit Services
7613	Ferguson Waterworks	\$ 738.20	Developer Project
7614	Highroad IT	\$ 402.00	Technical Support
7615	Lagerlof LLP	\$ 41.25	Attorney Fee's
7616	Merritt's Hardware	\$ 430.80	Field Supplies
7617	Petty Cash	\$ 58.80	Office/Field Expense
7618	RMG Communications	\$ 3,245.00	Newsletter Expense
7619	SC Edison	\$ 5,823.53	Power Expense
7620	Superior Laundry - Laundry Up	\$ 109.02	Uniform Maintenance
7621	Underground Service Alert	\$ 97.65	Line Notifications
7622	Valley Vista Services	\$ 324.16	Trash Service
7623	Vulcan Materials Company	\$ 723.09	Field Supplies - Asphalt
7624	Weck Laboratories Inc	\$ 89.00	Water Sampling
7625	Waste Management of SG Valley	\$ 206.22	Trash Service
7626	Eurofins Eaton Analytical Inc	\$ 360.00	Water Sampling
7627	Northstar Chemical	\$ 8,902.47	Chemicals Expense
7628	Pall Filter Specialists Inc	\$ 7,141.44	Filters
7629	Petty Cash	\$ 55.00	Office/Field Expense
7630	Stetson Engineers Inc	\$ 366.00	Engineering Support
7631	United Site Services of Calif Inc	\$ 402.15	Restroom Service @ Treatment Plant
7632	Weck Laboratories Inc	\$ 2,300.50	Water Sampling
7633	Weck Laboratories Inc	\$ 2,715.00	Water Sampling
7634	Weck Laboratories Inc	\$ 1,012.50	Water Sampling
7635	ACP Publications & Marketing	\$ 60.50	Administrative Expenses
7636	Answering Service Care	\$ 103.34	Answering Service
7637	Chevron	\$ 2,279.13	Truck Fuel
7638	Claris Strategy	\$ 2,305.00	AWIA Compliance
7639	Ed Butts Ford	\$ 1,081.12	Truck Maintenance
7640	Firestone Auto Care	\$ 134.60	Truck Maintenance
7641	Hacienda Lawnmower	\$ 53.03	Equipment Repair
7642	Hunter Electric	\$ 552.00	Well Maintenance
7643	InfoSend	\$ 858.65	Billing Expense
7644	Jiffy Lube My Fleet Center	\$ 123.56	Truck Maintenance
7645	O'Reilly Auto Parts	\$ 14.06	Truck Maintenance
7646	Public Water Agencies Group	\$ 1,750.00	Assessments
7647	SC Edison	\$ 113.20	Power Expense
7648	Sunbelt Rentals	\$ 205.36	Equipment Rental
7649	Superior Laundry - Laundry Up	\$ 208.45	Uniform Maintenance
7650	Time Warner Cable	\$ 286.54	Telephone Service
7651	Western Water Works	\$ 402.61	Field Supplies - Inventory
7652	Time Warner Cable	\$ 644.28	Telephone Service
7653	Airgas USA LLC	\$ 344.62	Well Maintenance

La Puente Water District March 2020 Disbursements - continued

Check #	Payee	Amount	Description
7654	Bank of America-Visa	\$ 30.99	Administrative Expenses
7655	Citi Cards	\$ 10,595.76	Conference & Administrative Expenses
7656	Civiltec Engineering Inc	\$ 4,370.00	Engineering Support
7657	Eurofins Eaton Analytical Inc	\$ 20.00	Water Sampling
7658	Ferguson Waterworks	\$ 4,263.30	Meter Expense
7659	Jack Henry & Associates	\$ 48.50	Web E-Check Fee's
7660	Jiffy Lube My Fleet Center	\$ 89.81	Truck Maintenance
7661	Lagerlof LLP	\$ 6,734.00	Attorney Fee's
7662	Platinum Consulting Group	\$ 305.85	Administrative Support
7663	San Gabriel Valley Water Company	\$ 849.83	Water Service @ Treatment Plant
7664	Time Warner Cable	\$ 314.41	Telephone Service
7665	Western Water Works	\$ 1,497.51	Field Supplies - Inventory
7666	ACWA/JPIA	\$ 32,969.53	Health Benefits
7667	Cell Business Equipment	\$ 36.42	Office Expense
7668	City of Industry LAC	\$ 150.00	Recycled Water Expense
7669	Continental Utility Solutions Inc	\$ 500.00	Utility Billing Module
7670	Eide Bailly LLP	\$ 436.58	Administrative Support
7671	Ferguson Waterworks	\$ 1,118.70	Meter Expense
7672	Lincoln National Life Insurance Company	\$ 650.42	Disability Insurance
7673	MetLife	\$ 246.04	Life Insurance
7674	MJM Communications & Fire	\$ 720.00	Security Monitoring
7675	Premier Access Insurance Co	\$ 2,917.42	Dental Insurance
7676	Staples	\$ 125.22	Office Supplies
7677	Verizon Wireless	\$ 971.32	Cellular Service
7678	Verizon Wireless	\$ 76.02	Cellular Service
7679	Weck Laboratories Inc	\$ 178.00	Water Sampling
7680	Western Water Works	\$ 148.74	Field Supplies - Inventory
7681	SC Edison	\$ 14,316.12	Power Expense
7682	United Site Services of Calif Inc	\$ 402.15	Restroom Service @ Treatment Plant
7683	Verizon Wireless	\$ 114.03	Cellular Service
7684	Continental Utility Solutions Inc	\$ 1,140.00	Utility Billing Support & Maintenance
Online	Home Depot	\$ 557.74	Field Supplies
Autodeduct	Wells Fargo	\$ 320.44	Merchant Fee's
Autodeduct	Wells Fargo	\$ 535.57	Bank Fee's
Autodeduct	First Data Global Leasing	\$ 44.00	Credit Card Machine Lease
Autodeduct	Bluefin Payment Systems	\$ 687.27	Web Merchant Fee's
Online	United States Treasury	\$ 12,142.26	Federal, Social Security & Medicare Taxes
Online	EDD	\$ 1,935.58	California State & Unemployment Taxes
Online	Lincoln Financial Group	\$ 3,700.00	Deferred Comp
Online	CalPERS	\$ 6,357.93	Retirement Program
Total Payments		\$ 193,292.44	

La Puente Valley County Water District
Payroll Summary
March 2020

	<u>March 2020</u>
Employee Wages, Taxes and Adjustments	
Gross Pay	
Total Gross Pay	104,673.29
Deductions from Gross Pay	
457b Plan Employee	-3,700.00
CalPers EEC	-721.82
MetLife	-71.04
Total Deductions from Gross Pay	<u>-4,492.86</u>
Adjusted Gross Pay	100,180.43
Taxes Withheld	
Federal Withholding	-9,701.00
Medicare Employee	-1,520.56
Social Security Employee	-6,501.62
CA - Withholding	-4,173.59
Medicare Employee Addl Tax	0.00
Total Taxes Withheld	<u>-21,896.77</u>
Net Pay	<u>78,283.66</u>
Employer Taxes and Contributions	
Medicare Company	1,520.56
Social Security Company	6,501.62
CA - Unemployment	35.83
CA - Employment Training Tax	2.24
Total Employer Taxes and Contributions	<u>8,252.25</u>

La Puente Water District March 2020 Disbursements

Total Vendor Payables	<u>\$ 193,292.44</u>
Total Payroll	<u>\$ 78,283.66</u>
Total March 2020 Disbursements	<u>\$ 271,576.10</u>

Invoice No. 4- 2020-03

April 1, 2020

BPOU Project Committee Members



RE: BPOU O & M Expense Reimbursement Summary

The following cost breakdown represents O & M expenses incurred by the LPVCWD for the month of March 2020.

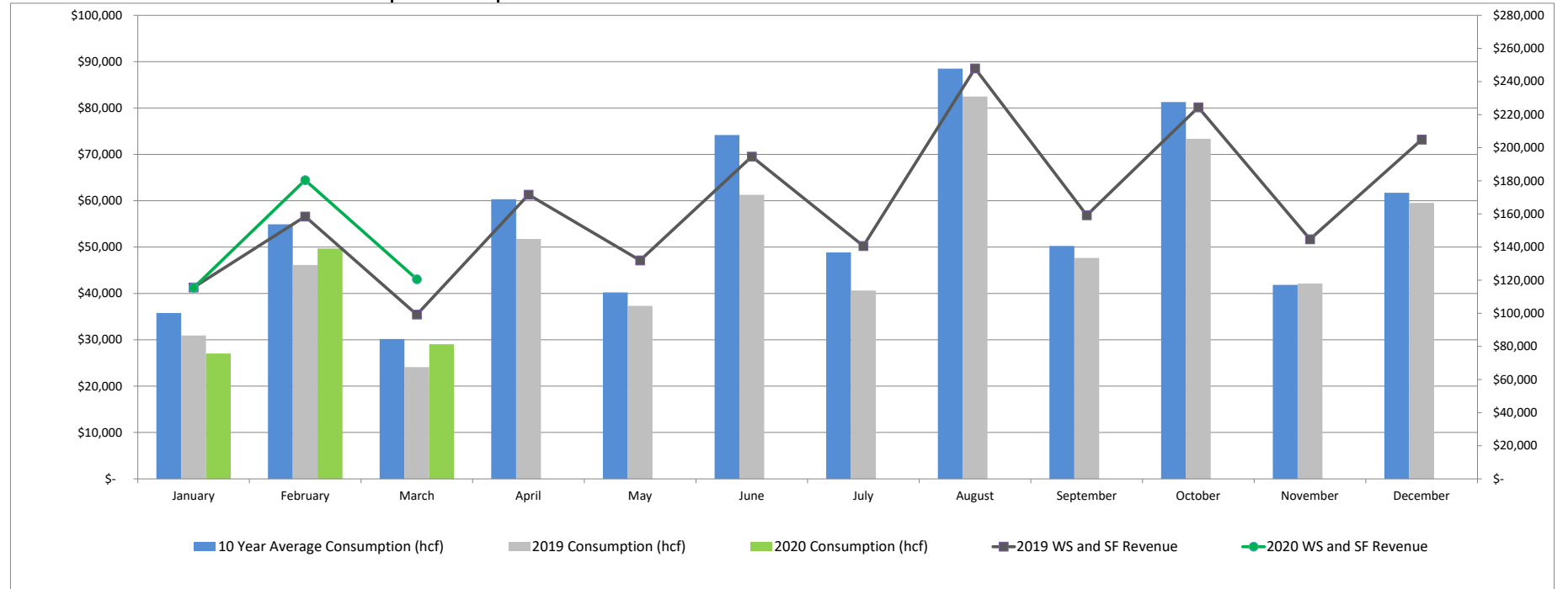
<u>BPOU Acct No.</u>	<u>Description</u>	<u>Invoice No.</u>	<u>Vendor</u>	<u>Amount</u>	<u>Subtotal</u>
LP.02.01.01.00	Power	2-15-629-6188	SC Edison	\$ 14,316.12	
		2-03-187-2179	SC Edison	\$ 10,089.88	\$ 24,406.00
LP.02.01.02.00	Labor Costs	Mar-20	LPVCWD	\$ 24,520.80	\$ 24,520.80
LP.02.01.05.00	Transportation	Mar-20	LPVCWD -1930 miles @ .575	\$ 1,109.75	\$ 1,109.75
LP .02.01.07.00	Water Testing	L0499364	Eurofins	\$ 80.00	
		L0499377	Eurofins	\$ 20.00	
		L0500434	Eurofins	\$ 80.00	
		L0501632	Eurofins	\$ 80.00	
		L0502992	Eurofins	\$ 80.00	
		WOC0444	Weck Labs	\$ 190.75	
		WOC0692	Weck Labs	\$ 520.00	
		WOC0761	Weck Labs	\$ 190.75	
		WOC0816	Weck Labs	\$ 184.00	
		WOC1084	Weck Labs	\$ 184.00	
		WOC1164	Weck Labs	\$ 180.00	
		WOC1165	Weck Labs	\$ 87.00	
		WOC1220	Weck Labs	\$ 365.50	
		WOC1232	Weck Labs	\$ 190.75	
		WOC1261	Weck Labs	\$ 87.00	
		WOC1291	Weck Labs	\$ 149.00	
		WOC1423	Weck Labs	\$ 955.75	
		WOC1620	Weck Labs	\$ 92.50	
		WOC1738	Weck Labs	\$ 365.50	
		WOC1840	Weck Labs	\$ 149.00	
		WOC2037	Weck Labs	\$ 190.75	
		WOC2178	Weck Labs	\$ 87.00	
		WOC2182	Weck Labs	\$ 87.00	
		WOD0042	Weck Labs	\$ 190.75	
		WOD0043	Weck Labs	\$ 180.00	
		WOD0102	Weck Labs	\$ 350.00	
		WOD0106	Weck Labs	\$ 103.00	
		WOD0214	Weck Labs	\$ 149.00	
		WOD0299	Weck Labs	\$ 180.00	\$ 5,749.00
LP.02.01.10.00	Operations Monitoring	9462; 03/20	Spectrum Business	\$ 344.28	
		2906; 03/20	Spectrum Business	\$ 300.00	
		9850546276	Verizon	\$ 114.03	\$ 758.31
LP.02.01.12.00	<u>Materials/Supplies</u>				
LP.02.01.12.02	Filter Cartridges	97297617	Pall Corporation	\$ 1,824.11	
		97302672	Pall Corporation	\$ 2,771.66	
		97312389	Pall Corporation	\$ 3,687.66	
		97317345	Pall Corporation	\$ 3,890.38	\$ 12,173.81
LP.02.01.12.05	Hydrogen Peroxide	165502	Northstar Chemical	\$ 2,221.00	\$ 2,221.00
LP.02.01.12.06	Sodium Hypochlorite	164591	Northstar Chemical	\$ 1,965.18	
		165179	Northstar Chemical	\$ 1,643.74	
		166317	Northstar Chemical	\$ 1,975.41	\$ 5,584.33
LP.02.01.12.11	Sodium Hydroxide	166053	Northstar Chemical	\$ 1,308.00	\$ 1,308.00
LP.02.01.12.15	Other Expendables	11902399	Hach	\$ 598.13	\$ 598.13
LP.02.01.12.17	Sulfuric Acid	165161	Northstar Chemical	\$ 1,902.70	\$ 1,902.70
LP.02.01.12.18	Ion Exchange Resin-Included Disposal	904398059	EVOQUA	\$ 97,799.84	\$ 97,799.84
LP.02.01.14.00	Repair/Replacement	3620300261	Hopkins Technical Products	\$ 308.53	
		2020-0055	Hunter Electric	\$ 277.12	
		154273297	Konecranes	\$ 345.00	\$ 930.65
LP.02.01.80.00	Other O & M	20-Mar	Fedak & Brown	\$ 4,125.00	
		20-Mar	Fedak & Brown	\$ 2,000.00	
		20761	HighRoad IT	\$ 134.00	
		362489	O'Reilly	\$ 101.29	
		114-10023822	United Site Services	\$ 402.15	
		0882959-2519-7	Waste Management	\$ 206.22	\$ 6,968.66
			Total Expenditures	\$ 186,030.98	
			District Pumping Cost Deduction	\$ 14,431.25	
			Total Cost Reimbursable	\$ 171,599.73	

Industry Public Utilities March 2020 Disbursements

Check #	Payee	Amount	Description
3964	CCSInteractive	\$ 13.60	Monthly Website Hosting
3965	Highroad IT	\$ 268.00	Technical Support
3966	La Puente Valley County Water District	\$ 54,220.43	Labor Costs February 2020
3967	Merritt's Hardware	\$ 100.61	Field Supplies
3968	Petty Cash	\$ 18.96	Office/Field Expense
3969	RMG Communications	\$ 775.00	Prop 218 Notice
3970	Sunbelt Rentals	\$ 205.36	Equipment Rental
3971	Underground Service Alert	\$ 97.63	Line Notifications
3972	Vulcan Materials Company	\$ 723.09	Field Supplies - Asphalt
3973	Weck Laboratories Inc	\$ 122.50	Water Sampling
3974	Answering Service Care	\$ 103.34	Answering Service
3975	InfoSend	\$ 687.56	Billing Expense
3976	La Puente Valley County Water District	\$ 48,303.54	1st Quarter 2020 O&M Fee
3977	SC Edison	\$ 1,688.87	Power Expense
3978	SoCal Gas	\$ 19.32	Gas Expense
3979	Stetson Engineers Inc	\$ 6,789.50	Well Feasibility Study
3980	Time Warner Cable	\$ 76.32	Telephone Service
3981	Time Warner Cable	\$ 286.54	Telephone Service
3983	Rosa Rodriguez	\$ 75.00	Customer Overpayment Refund
3984	Citi Cards	\$ 1,310.00	Administrative Expense
3985	La Puente Valley County Water District	\$ 267.78	Bank Fee Reimbursement
3986	Raftelis Financial Consultants	\$ 2,715.00	Water Rate Study
3987	Cell Business Equipment	\$ 36.41	Office Expense
3988	Continental Utility Solutions Inc	\$ 500.00	Utility Billing Module
3989	Industry Public Utility Commission	\$ 730.19	Industry Hills Power Expense
3990	MJM Communications & Fire	\$ 180.00	Security Monitoring
3991	San Gabriel Valley Water Company	\$ 1,307.34	Purchased Water - Salt Lake
3992	SC Edison	\$ 9,263.48	Power Expense
3993	Staples	\$ 125.21	Office Supplies
3994	Verizon Wireless	\$ 971.32	Cellular Service
3995	Verizon Wireless	\$ 76.02	Cellular Service
3996	Weck Laboratories Inc	\$ 230.00	Water Sampling
3997	Continental Utility Solutions Inc	\$ 860.00	Utility Billing Support & Maintenance
Online	County of LA Department of Public Works	\$ 1,100.00	Permit Fee's
Autodeduct	Wells Fargo Merchant Fee's	\$ 64.60	Merchant Fee's
Autodeduct	Bluefin Payment Systems	\$ 958.10	Web Merchant Fee's
Autodeduct	Jack Henry & Associates	\$ 41.95	Web E-Check Fee's
Autodeduct	First Data Global Leasing	\$ 44.00	Credit Card Machine Lease - Monthly
Total March 2020 Disbursements		\$ 135,356.57	

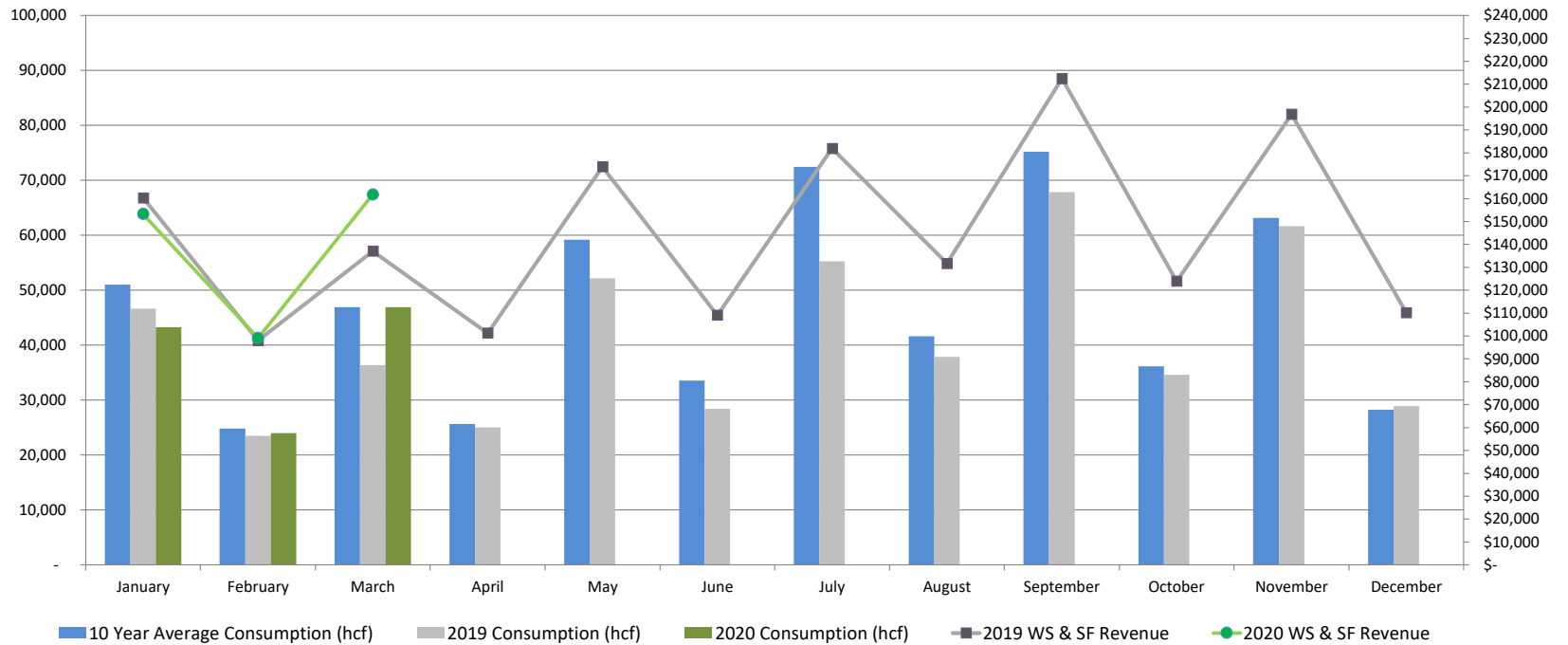
WATER SALES REPORT LPVCWD 2020

LPVCWD	January	February	March	April	May	June	July	August	September	October	November	December	YTD
No. of Customers	1,228	1,219	1,231	-	-	-	-	-	-	-	-	-	3,678
2020 Consumption (hcf)	27,032	49,681	29,037	-	-	-	-	-	-	-	-	-	105,750
2019 Consumption (hcf)	30,923	46,152	24,105	51,751	37,307	61,263	40,622	82,473	47,666	73,372	42,125	59,523	597,282
10 Year Average Consumption (hcf)	\$ 35,783	\$ 54,919	\$ 30,166	\$ 60,322	\$ 40,220	\$ 74,185	\$ 48,845	\$ 88,505	\$ 50,244	\$ 81,287	\$ 41,839	\$ 61,701	\$ 668,015
2020 Water Sales	\$ 60,668	\$ 115,912	\$ 65,851	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 242,431
2019 Water Sales	\$ 65,872	\$ 99,793	\$ 49,373	\$ 112,591	\$ 81,601	\$ 135,597	\$ 90,296	\$ 187,941	\$ 108,273	\$ 164,349	\$ 93,779	\$ 140,375	\$ 1,329,838
2020 Service Fees	\$ 54,774	\$ 64,568	\$ 54,738	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 174,080
2019 Service Fees	\$ 49,766	\$ 58,668	\$ 49,865	\$ 59,032	\$ 50,396	\$ 59,065	\$ 50,376	\$ 60,011	\$ 50,936	\$ 60,127	\$ 50,962	\$ 64,547	\$ 663,752
2020 Hyd Fees	\$ 950	\$ 700	\$ 950	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,600
2020 DC Fees	\$ 246	\$ 8,766	\$ 247	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,259
2020 System Revenue	\$ 116,638	\$ 189,945	\$ 121,786	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 428,369



WATER SALES REPORT CIWS 2020

CIWS	January	February	March	April	May	June	July	August	September	October	November	December	YTD
No. of Customers	963	894	966	-	-	-	-	-	-	-	-	-	2,823
2020 Consumption (hcf)	43,254	24,004	46,914	-	-	-	-	-	-	-	-	-	114,172
2019 Consumption (hcf)	46,656	23,510	36,382	25,014	52,169	28,423	55,251	37,850	67,871	34,623	61,667	28,932	498,348
10 Year Average Consumption (hcf)	50,985	24,808	46,902	25,636	59,207	33,535	72,455	41,624	75,220	36,162	63,167	28,266	557,964
2020 Water Sales	\$ 96,852	\$ 52,599	\$ 105,435	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 254,887
2019 Water Sales	\$ 104,539	\$ 51,588	\$ 80,950	\$ 54,785	\$ 117,646	\$ 62,656	\$ 125,539	\$ 85,198	\$ 156,165	\$ 77,314	\$ 140,661	\$ 63,795	\$ 1,120,834
2020 Service Fees	\$ 56,384	\$ 46,449	\$ 56,335	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 159,168
2019 Service Fees	\$ 55,744	\$ 46,354	\$ 56,091	\$ 46,445	\$ 56,273	\$ 46,411	\$ 56,356	\$ 46,484	\$ 56,247	\$ 46,569	\$ 56,153	\$ 46,373	\$ 615,502
2020 Hyd Fees	\$ 1,550	\$ 250	\$ 1,550	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,350
2020 DC Fees	\$ 11,689	\$ 3,695	\$ 11,727	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 27,110
2020 System Revenues	\$ 166,475	\$ 102,993	\$ 175,047	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 444,515



La Puente Valley County Water District Board of Director's 1st Quarter 2020 Expenses

Date	Director	Description	Amount
01/23/2020	Cesar Barajas	So Cal Water Utilities Association	\$ 30.00
01/24/2020	Cesar Barajas	So Cal Water Utilities Association	\$ 25.00
Jan-Mar 2020	Cesar Barajas	7 Days of Service	\$ 1,140.09
5562-CB · Cesar Barajas - Total			\$ 1,195.09
01/23/2020	David Hastings	So Cal Water Utilities Association	\$ 30.00
01/24/2020	David Hastings	So Cal Water Utilities Association	\$ 25.00
Jan-Mar 2020	David Hastings	10 Days of Service	\$ 1,628.70
5562-DH · David Hastings - Total			\$ 1,683.70
01/24/2020	Henry Hernandez	So Cal Water Utilities Association	\$ 25.00
01/31/2020	Henry Hernandez	AGWA-AGWT 2020 Annual Conference	\$ 440.00
03/04/2020	Henry Hernandez	AGWA-AGWT 2020 Annual Conference Mileage	\$ 51.75
Jan-Mar 2020	Henry Hernandez	10 Days of Service	\$ 1,628.70
5562-HH · Henry Hernandez Total			\$ 2,145.45
01/23/2020	John Escalera	So Cal Water Utilities Association	\$ 30.00
01/24/2020	John Escalera	So Cal Water Utilities Association	\$ 25.00
01/31/2020	John Escalera	AGWA/AGWT 2020 Annual Conference	\$ 440.00
02/01/2020	John Escalera	San Gabriel Valley Water Association	\$ 30.00
02/27/2020	John Escalera	So Cal Water Utilities Association	\$ 30.00
02/27/2020	John Escalera	AGWA-AGWT 2020 Annual Conference Mileage	\$ 53.48
Jan-Mar 2020	John Escalera	15 Days of Service	\$ 2,443.05
5562-JE · John Escalera - Total			\$ 3,051.53
01/23/2020	Bill Rojas	So Cal Water Utilities Association	\$ 30.00
01/24/2020	Bill Rojas	So Cal Water Utilities Association	\$ 25.00
02/01/2020	Bill Rojas	San Gabriel Valley Water Association	\$ 30.00
Jan-Mar 2020	Bill Rojas	8 Days of Service	\$ 1,302.96
5562-WR · William (Bill) Rojas - Total			\$ 1,387.96
Totals			\$ 9,463.73

Memo



To: Industry Public Utilities Commission
Cc: La Puente Valley County Water District, Board of Directors
From: Greg B. Galindo, General Manager
Date: April 23, 2020
Re: Industry Public Utilities Water Operations Quarterly Report (January – March 2020)

In accordance with the City of Industry Waterworks System (the “CIWS”) Operation and Management Agreement between the City of Industry (the “City”) and the La Puente Valley County Water District (the “District”), the District is providing the CIWS Quarterly Report for the 3rd quarter of the 2019-20 fiscal year. The report represents fiscal year-to-date information along with the current status of various items listed under the appropriate heading.

Financial/Administrative

- 2019-20 Fiscal Year Budget – A draft report of Revenue and Expenses as of March 31, 2020, is enclosed for your review as ***Attachment 1***.
- Fund Disbursements – For your reference, a list of disbursements from the IPU Water Operations Fund for the past quarter (by month) has been provided as ***Attachment 2***.
- Study of Water Rates and Charges – The draft study of water rates and charges was provided to City Staff in February. Due to concerns with the timing of the proposed water rate increases the Study will be revised to account for an implementation date of January 2021. A revised study will be completed and presented to City staff in July of 2020.
- Capacity Fee Report – The water rate study consultant’s scope of work also included a study on capacity fees for new water service connections to the water system. The consultant has completed the capacity fee calculation (model), which was reviewed by District and City staff. The consultant is now drafting the Capacity Fee Report, which shall be completed in the next few weeks.
- COVID-19 Pandemic Response – All essential water operations work continues to be carried out by District staff. It is important to note that there has been no impact to water quality due to the pandemic. The required social distancing and hygiene protocols are in place for District staff along with other actions the District has taken in response to the pandemic. A list of some of the actions that apply to the CIWS are as follows:
 - The payment office has been closed to walk-in customers. Customers can still pay their water bill online, by phone, through the mail and through a drop box at the payment office. The office is staffed with customer support and accounting staff that are working modified shifts.
 - Late charges and water shutoffs for nonpayment have been suspended in an effort to support customers facing financial challenges.
 - District field staff are also working modified shifts to minimize their interaction.

Distribution, Supply and Production

- Summary of Activities – A summary report of CIWS field activities for the 3rd quarter of fiscal year 2019-20 is provided as **Attachment 3**.
- City of Industry Well No. 5 Operations – Well No. 5 operated for most of the 3rd quarter without issue. The latest static water level, pumping water level and pumping rate for Well No. 5 is shown in the table below.

Well	Pump Setting (below surface)	Static Water Level	Pumping Water Level	Drawdown	Current GPM Pumping Rate
COI 5	189'	99	115'	16'	1,300

- Production Summary – The production for the 3rd quarter of fiscal year 2019-20, to meet the needs of the CIWS, was 251.85 AF. The 2019-20 fiscal year production report and related graph are provided as **Attachment 4**.
- 2019-20 Water Conservation – A summary of water system usage for fiscal year 2019-20 as compared to calendar year 2013 is shown below. The overall reduction in use for this time period is 10.2%.

City of Industry Waterworks - Water System Demand Comparison				
Month	2013	2019-20	Difference Current-2013 (%)	Accumulative Difference (%)
July	141.36	131.75	-6.8%	-6.8%
August	153.97	136.71	-11.2%	-9.1%
September	151.67	128.67	-15.2%	-11.2%
October	137.26	123.02	-10.4%	-11.0%
November	110.83	104.78	-5.5%	-10.1%
December	99.84	81.00	-18.9%	-11.2%
January	90.55	83.51	-7.8%	-10.8%
February	81.62	88.04	7.9%	-9.3%
March	99.4	80.30	-19.2%	-10.2%
Totals	1066.50	957.78		
Production data shown in acre feet (AF)				

- CIWS and LPVCWD Water Exchange – In accordance with the Water Exchange and Supply Agreement between LPVCWD and the City of Industry, the District is providing the water exchange summary as of March 31, 2020, as **Attachment 5**.
- MSGB Groundwater Levels – On April 17, 2020, the Baldwin Park key well level was 206.9 feet asl. Watermaster’s latest report on hydrologic conditions is enclosed as **Attachment 6**.

Water Quality / Compliance

- Distribution System Monitoring – District Staff has collected all required water quality samples from the distribution system for the 3rd quarter of fiscal year 2019-20; approximately 91 samples were collected. All results met State and Federal drinking water quality regulations.
- Source Monitoring – All water quality samples were collected from Well No. 5, as required. The table below summarizes Well No. 5’s current water quality for constituents of concern.

Month Sampled	Flow Rate	1,1 DCE	TCE	PCE	All Other	Perchlorate	1,4-Dioxane	NDMA	Nitrate
		MCL= 6 ppb	MCL= 5 ppb	MCL= 5 ppb	VOCs	MCL= 6 ppb	NL= 1 ppb	NL= 10 ppt	MCL=10 ppm
Apr-20	1,300	1.8	3	11	ND	3.9	ND	ND	6.2

Capital / Special Projects

- San Fidel Well Field Treatment Feasibility Study – IPUC authorized Stetson Engineers to complete the groundwater treatment feasibility study. Our District has initiated this work and the first technical memorandum, which discusses the accuracy of the groundwater basin model that will be used to model various extraction rates from the City’s wellfield, has been completed and reviewed by District and City staff. The technical memorandum was distributed to stakeholders and comments were submitted by EPA and the BPOU Responsible Parties. These comments will be addressed in the next technical memorandum that will be completed as part of the feasibility study.
- 4th Avenue and Trailside Drive – The 2017 CIWS Water Master Plan recommended improvements to waterlines in 4th Avenue and Trailside Drive. District staff is providing support to City staff and CNC during the design phase of this project.
- Starhill Lane and 3rd Avenue Waterline Improvement Project – The 2017 CIWS Water Master Plan recommended improvements to waterlines in Starhill Lane and 3rd Avenue south of Lomitas Avenue. District staff is providing support to City staff and CNC during the design phase of this project.

Personnel

- As of March 31, 2020, the District has 9 full-time field employees, 4 full-time office/administrative employees and 1 part-time office employee. A summary of the hourly rates for each District employee, as of March 31, 2020, is enclosed as **Attachment 7**.
- Weekly field tailgate safety meetings continue to be conducted for all field employees.

Attachments

1. Statement of Revenue and Expenses for the 3rd Quarter of 2019-20.
2. Fund Disbursement List for 3rd Quarter of 2019-20.
3. Summary of Field Activities for 3rd Quarter of 2019-20.
4. Production Summary for 3rd Quarter of 2019-20.
5. CIWS – LPVCWD Water Exchange and Delivery Summary for 3rd Quarter of 2019-20.
6. Main San Gabriel Basin Hydrologic Report.
7. Summary of Hourly Rates for District Staff as of March 31, 2020.

Attachment 1

INDUSTRY PUBLIC UTILITIES - WATER OPERATIONS
Statement of Revenue and Expenses Summary
For the Period Ending March 31, 2020
(Unaudited)

	March 2020	FISCAL YTD 2019-2020	BUDGET FY 2019-2020	75% OF BUDGET	FY END 2018-2019
Total Operational Revenues	\$ 176,632	\$ 1,439,891	\$ 1,983,600	73%	\$ 1,870,756
Total Non-Operational Revenues	-	21,127	42,500	50%	31,502
TOTAL REVENUES	176,632	1,461,018	2,026,100	72%	1,902,258
Total Salaries & Benefits	53,811	484,878	687,500	71%	674,004
Total Supply & Treatment	3,253	392,544	667,200	59%	780,162
Total Other Operating Expenses	3,452	104,596	221,000	47%	179,462
Total General & Administrative	52,103	194,775	304,000	64%	265,387
Total Other & System Improvements	3,996	104,111	287,800	36%	68,587
NET OPERATING INCOME (LOSS)	116,614	1,280,904	2,167,500	59%	1,967,602
OPERATING INCOME	60,018	180,114	(141,400)		(65,344)
NET INCOME (LOSS)	\$ 60,018	\$ 180,114	\$ (141,400)		\$ (65,344)

INDUSTRY PUBLIC UTILITIES - WATER OPERATIONS

Statement of Revenue and Expenses

For the Period Ending March 31, 2020

(Unaudited)

	March 2020	FISCAL YTD 2019-2020	BUDGET FY 2019-2020	75% OF BUDGET	FY END 2018-2019
Operational Revenues					
1 Water Sales	\$ 105,435	\$ 886,178	\$ 1,239,000	72%	\$ 1,133,233
2 Service Charges	56,335	458,265	618,600	74%	615,778
3 Customer Charges	1,585	14,255	21,000	68%	19,095
4 Fire Service	13,277	81,193	105,000	77%	102,650
5 <i>Total Operational Revenues</i>	176,632	1,439,891	1,983,600	73%	1,870,756
Non-Operational Revenues					
6 Contamination Reimbursement	-	21,127	40,000	53%	31,502
7 Developer Fees	-	-	2,500	0%	-
8 Miscellaneous Income	-	-	-	N/A	-
9 <i>Total Non-Operational Revenues</i>	-	21,127	42,500	50%	31,502
10 TOTAL REVENUES	176,632	1,461,018	2,026,100	72%	1,902,258
Salaries & Benefits					
11 Administrative Salaries	18,920	153,317	202,400	76%	200,341
12 Field Salaries	15,100	158,938	234,800	68%	231,034
13 Employee Benefits	10,466	99,994	150,100	67%	145,869
14 Pension Plan	5,404	46,526	61,900	75%	60,337
15 Payroll Taxes	2,273	21,013	31,700	66%	29,991
16 Workman's Compensation	1,648	5,091	6,600	77%	6,431
17 <i>Total Salaries & Benefits</i>	53,811	484,878	687,500	71%	674,004
Supply & Treatment					
18 Purchased Water - Leased	-	234,234	235,900	99%	379,470
19 Purchased Water - Other	1,307	12,944	22,500	58%	21,271
20 Power	1,946	90,658	125,000	73%	98,112
21 Assessments	-	13,236	232,700	6%	161,648
22 Treatment	-	173	6,100	3%	7,399
23 Well & Pump Maintenance	-	41,300	45,000	92%	112,261
24 <i>Total Supply & Treatment</i>	3,253	392,544	667,200	59%	780,162
Other Operating Expenses					
25 General Plant	294	3,104	35,000	9%	13,288
26 Transmission & Distribution	-	30,752	75,000	41%	77,363
27 Vehicles & Equipment	-	19,052	36,000	53%	33,891
28 Field Support & Other Expenses	1,490	25,594	35,000	73%	24,898
29 Regulatory Compliance	1,668	26,094	40,000	65%	30,022
30 <i>Total Other Operating Expenses</i>	3,452	104,596	221,000	47%	179,462

INDUSTRY PUBLIC UTILITIES - WATER OPERATIONS

Statement of Revenue and Expenses

For the Period Ending March 31, 2020

(Unaudited)

	March 2020	FISCAL YTD 2019-2020	BUDGET FY 2019-2020	75% OF BUDGET	FY END 2018-2019
General & Administrative					
31 Management Fee	48,304	143,016	191,300	75%	187,569
32 Office Expenses	1,231	14,906	19,200	78%	34,693
33 Insurance	-	12,843	15,000	86%	14,991
34 Professional Services	-	2,748	30,000	9%	4,514
35 Customer Accounts	2,307	16,524	30,000	55%	17,674
36 Public Outreach & Conservation	14	2,187	15,000	15%	4,038
37 Other Administrative Expenses	248	2,549	3,500	73%	1,908
38 <i>Total General & Administrative</i>	52,103	194,775	304,000	64%	265,387
Other Exp. & System Improvements (Water Ops Fund)					
39 Fire Hydrant Repair/Replace	-	9,543	6,300	151%	11,629
40 Service Line Replacements	-	26,489	30,000	88%	44,327
41 Valve Replacements & Installations	-	7,643	19,500	39%	8,723
42 Meter Read Collection System	-	-	12,000	0%	-
43 SCADA System Assessment & Improvements	-	-	20,000	0%	-
44 Water Rate Study	2,816	38,779	-	0%	3,908
45 Groundwater Treatment Feasibility Study	1,180	21,658	200,000	0%	-
46 <i>Total Other & System Improvements</i>	3,996	104,111	287,800	36%	68,587
47 TOTAL EXPENSES	116,614	1,280,904	2,167,500	59%	1,967,602
48 NET OPERATING INCOME (LOSS)	60,018	180,114	(141,400)		(65,344)

Attachment 2

Industry Public Utilities January 2020 Disbursements

Check #	Payee	Amount	Description
3885	Cell Business Equipment	\$ 44.74	Office Expense
3886	E & M Tech Support	\$ 1,243.00	Technical Support & Software
3887	Merritt's Hardware	\$ 92.46	Field Supplies
3888	Platinum Consulting Group	\$ 67.50	Administrative Support
3889	SC Edison	\$ 8,335.52	Power Expense
3890	SoCal Gas	\$ 14.79	Gas Expense
3891	Underground Service Alert	\$ 76.94	Line Notifications
3892	ACWA/JPIA	\$ 1,771.87	Worker's Compensation Program
3893	Airgas USA LLC	\$ 53.44	Field Supplies
3894	Highroad IT	\$ 268.00	Technical Support
3895	InfoSend	\$ 992.18	Billing Expense
3896	La Puente Valley County Water District	\$ 63,729.55	Labor Costs December 2019
3897	MJM Communications & Fire	\$ 180.00	Security Monitoring
3898	Time Warner Cable	\$ 76.32	Telephone Service
3899	Weck Laboratories Inc	\$ 230.00	Water Sampling
3900	Answering Service Care	\$ 110.45	Answering Service
3901	CCSInteractive	\$ 13.60	Monthly Website Hosting
3902	Highroad IT	\$ 717.00	Computer Equipment & Setup
3903	La Puente Valley County Water District	\$ 267.95	Bank Fee's Reimbursement
3904	Locus Technology	\$ 1,008.00	SCADA System Maintenance
3905	SC Edison	\$ 1,428.70	Power Expense
3906	SoCal Gas	\$ 18.06	Gas Expense
3907	Time Warner Cable	\$ 282.88	Telephone Service
3908	Weck Laboratories Inc	\$ 230.00	Water Sampling
3909	Highroad IT	\$ 780.00	Antivirus & Security Support
3910	Industry Public Utility Commission	\$ 875.94	Industry Hills Power Expense
3911	La Puente Valley County Water District	\$ 19,051.70	Truck & Equipment Expense
3912	Platinum Consulting Group	\$ 305.85	Administrative Support
3913	S & J Supply Co Inc	\$ 158.30	Developer Project Expense
3914	San Gabriel Valley Water Company	\$ 1,112.67	Purchased Water - Salt Lake
3915	SC Edison	\$ 173.43	Power Expense
3916	Staples	\$ 204.61	Office Supplies
3917	Verizon Wireless	\$ 404.98	Cellular Services
3918	Weck Laboratories Inc	\$ 126.00	Water Sampling
3919	Western Water Works	\$ 249.04	Field Supplies
3920	Verizon Wireless	\$ 76.02	Cellular Services
3921	Cell Business Equipment	\$ 41.93	Office Expense
3922	Eurofins Eaton Analytical Inc	\$ 20.00	Water Sampling
3923	La Puente Valley County Water District	\$ 20,729.60	Inventory Reimbursement
3924	Peck Road Gravel	\$ 700.00	Asphalt & Concrete Disposal
3925	Raftelis Financial Consultants	\$ 4,932.50	Water Rate Study
3926	SoCal Gas	\$ 14.79	Gas Expense
3927	Weck Laboratories Inc	\$ 107.50	Water Sampling
Online	Home Depot Credit Services	\$ 368.80	Field Supplies
Autodeduct	Wells Fargo Merchant Fee's	\$ 74.34	Merchant Fee's
Autodeduct	Bluefin Payment Systems	\$ 1,101.10	Web Merchant Fee's
Autodeduct	Jack Henry & Associates	\$ 46.70	Web E-Check Fee's
Autodeduct	First Data Global Leasing	\$ 44.00	Credit Card Machine Lease - Monthly
Total January 2020 Disbursements		\$ 132,952.75	

Industry Public Utilities February 2020 Disbursements

Check #	Payee	Amount	Description
3928	Answering Service Care	\$ 155.48	Answering Service
3929	CCSInteractive	\$ 13.60	Monthly Website Hosting
3930	Highroad IT	\$ 552.75	Technical Support
3931	InfoSend	\$ 3.00	Billing Expense
3932	La Puente Valley County Water District	\$ 54,455.71	Labor Costs January 2020
3933	Merritt's Hardware	\$ 171.77	Field Supplies
3934	Morrow Meadows Corp	\$ 14,807.00	Well 5 Repairs
3935	Nobel Systems	\$ 8,900.00	Data Collection Module & Support
3936	SC Edison	\$ 1,467.80	Power Expense
3937	Stetson Engineers Inc	\$ 10,208.85	Engineering Support
3938	Underground Service Alert	\$ 80.31	Line Notifications
3939	Weck Laboratories Inc	\$ 122.50	Water Sampling
3940	Highroad IT	\$ 150.00	Computer Expense
3941	InfoSend	\$ 687.33	Billing Expense
3942	Peck Road Gravel	\$ 280.00	Asphalt & Concrete Disposal
3943	SoCal Gas	\$ 14.79	Gas Expense
3944	Time Warner Cable	\$ 76.32	Telephone Service
3945	Time Warner Cable	\$ 286.54	Telephone Service
3946	Weck Laboratories Inc	\$ 1,940.00	Water Sampling
3947	Industry Public Utility Commission	\$ 752.65	Industry Hills Power Expense
3948	La Puente Valley County Water District	\$ 256.55	Bank Fee's Reimbursement
3949	La Puente Valley County Water District	\$ 234,234.00	Lease of Water Rights
3950	Peck Road Gravel	\$ 700.00	Asphalt & Concrete Disposal
3951	Staples	\$ 74.31	Office Supplies
3952	Weck Laboratories Inc	\$ 107.50	Water Sampling
3953	Cell Business Equipment	\$ 33.01	Office Expense
3954	MJM Communications & Fire	\$ 581.66	Security Monitoring
3955	Peck Road Gravel	\$ 280.00	Asphalt & Concrete Disposal
3956	Platinum Consulting Group	\$ 251.25	Administrative Support
3957	Raftelis Financial Consultants	\$ 9,163.75	Water Rate Study
3958	San Gabriel Valley Water Company	\$ 1,132.54	Purchased Water - Salt Lake
3959	SC Edison	\$ 4,587.04	Power Expense
3960	SoCal Gas	\$ 16.27	Gas Expense
3961	Verizon Wireless	\$ 76.02	Cellular Service
3962	Verizon Wireless	\$ 418.22	Cellular Service
3963	Weck Laboratories Inc	\$ 107.50	Water Sampling
Online	Home Depot	\$ 285.37	Field Supplies
Online	County of Los Angeles	\$ 1,100.00	Permit Fee's
Autodeduct	Wells Fargo	\$ 81.44	Merchant Fee's
Autodeduct	Bluefin Payment Systems	\$ 684.90	Web Merchant Fee's
Autodeduct	Jack Henry & Associates	\$ 40.45	Web E-Check Fee's
Autodeduct	First Data Global Leasing	\$ 44.00	Credit Card Machine Lease - Monthly
Total February 2020 Disbursements		\$ 349,382.18	

Industry Public Utilities March 2020 Disbursements

Check #	Payee	Amount	Description
3964	CCSInteractive	\$ 13.60	Monthly Website Hosting
3965	Highroad IT	\$ 268.00	Technical Support
3966	La Puente Valley County Water District	\$ 54,220.43	Labor Costs February 2020
3967	Merritt's Hardware	\$ 100.61	Field Supplies
3968	Petty Cash	\$ 18.96	Office/Field Expense
3969	RMG Communications	\$ 775.00	Prop 218 Notice
3970	Sunbelt Rentals	\$ 205.36	Equipment Rental
3971	Underground Service Alert	\$ 97.63	Line Notifications
3972	Vulcan Materials Company	\$ 723.09	Field Supplies - Asphalt
3973	Weck Laboratories Inc	\$ 122.50	Water Sampling
3974	Answering Service Care	\$ 103.34	Answering Service
3975	InfoSend	\$ 687.56	Billing Expense
3976	La Puente Valley County Water District	\$ 48,303.54	1st Quarter 2020 O&M Fee
3977	SC Edison	\$ 1,688.87	Power Expense
3978	SoCal Gas	\$ 19.32	Gas Expense
3979	Stetson Engineers Inc	\$ 6,789.50	Well Feasibility Study
3980	Time Warner Cable	\$ 76.32	Telephone Service
3981	Time Warner Cable	\$ 286.54	Telephone Service
3983	Rosa Rodriguez	\$ 75.00	Customer Overpayment Refund
3984	Citi Cards	\$ 1,310.00	Administrative Expense
3985	La Puente Valley County Water District	\$ 267.78	Bank Fee Reimbursement
3986	Raftelis Financial Consultants	\$ 2,715.00	Water Rate Study
3987	Cell Business Equipment	\$ 36.41	Office Expense
3988	Continental Utility Solutions Inc	\$ 500.00	Utility Billing Module
3989	Industry Public Utility Commission	\$ 730.19	Industry Hills Power Expense
3990	MJM Communications & Fire	\$ 180.00	Security Monitoring
3991	San Gabriel Valley Water Company	\$ 1,307.34	Purchased Water - Salt Lake
3992	SC Edison	\$ 9,263.48	Power Expense
3993	Staples	\$ 125.21	Office Supplies
3994	Verizon Wireless	\$ 971.32	Cellular Service
3995	Verizon Wireless	\$ 76.02	Cellular Service
3996	Weck Laboratories Inc	\$ 230.00	Water Sampling
3997	Continental Utility Solutions Inc	\$ 860.00	Utility Billing Support & Maintenance
Online	County of LA Department of Public Works	\$ 1,100.00	Permit Fee's
Autodeduct	Wells Fargo Merchant Fee's	\$ 64.60	Merchant Fee's
Autodeduct	Bluefin Payment Systems	\$ 958.10	Web Merchant Fee's
Autodeduct	Jack Henry & Associates	\$ 41.95	Web E-Check Fee's
Autodeduct	First Data Global Leasing	\$ 44.00	Credit Card Machine Lease - Monthly
Total March 2020 Disbursements		\$ 135,356.57	

Attachment 3

CIWS MONTHLY ACTIVITIES REPORT FY 2019-2020

	July	August	September	October	November	December	January	February	March	April	May	June	2019/2020 FYTD	2018/2019 Actuals
Water Quality Monitoring														
No. of Samples from Distribution System	36	51	36	29	29	35	31	31	29				307	394
Distribution Maintenance														
Repair/Replace Service Line	2	8	2	3	2	1	2	0	3				23	27
Repair/Replace Main Line	0	1	0	0	0	0	0	0	0				1	4
Replace Curb/Angle Stop	3	0	0	0	0	0	1	0	1				5	17
New Service Installations	0	0	0	4	0	0	0	0	0				4	11
Install New Air Release or Blow Off	0	0	0	0	1	0	0	0	0				1	2
Concrete/Asphalt Patch Repairs - Staff	0	1	2	1	2	0	0	0	0				6	10
Concrete/Asphalt Patch Repairs - Vendor	0	0	0	12	0	0	0	0	0				12	26
Reset Meter Box to Grade	0	0	0	0	0	0	0	0	0				0	1
Replace Slip Can/ Valve Lid	0	0	0	0	0	1	1	0	0				2	3
Fire Hydrant Repairs/Replaced	1	1	0	1	0	0	0	0	0				3	8
Valves Exercised	0	0	0	0	1	1	0	0	0				2	546
Hydrants / Dead Ends Flushed	0	0	0	0	0	36	0	23	0				59	59
USA's - Tickets Processed	101	113	103	120	66	89	107	113	106				918	1314
Meter Maintenance														
Replaced Register/Meter/Guts	4	10	6	5	1	6	7	9	6				54	58
Replace Meter Box/Lid	1	0	4	0	3	0	0	5	1				14	13
Removed Meter	1	0	0	0	0	1	0	1	0				3	1
Repaired Meter Leaks	1	1	0	1	2	0	0	1	1				7	4
Customer Service														
Meter Re-Reads (Cust. Leaks, High Usage, Stopped Meter)	49	44	50	29	9	42	118	26	32	0	0	0	399	546
Re read for billing D	0	0	0	0	0	0	0	0	0					
Check for Creeping E	21	7	27	12	6	10	18	10	5					
Check for Stopped Meter F	28	37	23	17	3	32	100	16	27					
Meter Read for Open/Close Account	7	2	5	8	2	2	3	6	2				37	34
Turn Off/Lock Meter	5	10	3	8	5	0	9	3	4				47	69
Turn On Meter	9	13	8	8	9	3	17	14	8				89	141
Door Hangers - Miscellaneous	6	4	1	2	5	3	5	2	2				30	43
Door Hangers- Delinquents	110	97	103	219	121	92	135	93	104				1074	1200
Door Hangers - Conservation	2	0	0	1	2	2	2	2	1				12	12
Shut Off - Non-Payment	14	18	12	5	22	9	20	12	20				132	195
Shut Off - Customer Emergency/Request	1	2	2	0	1	1	1	3	1				12	30
Respond to Reported Leak	6	13	5	3	5	9	5	8	3				57	69
Check for High/Low Pressure	1	0	0	1	0	1	0	0	1				4	5
Check for Meter Tampering	0	0	0	0	1	0	0	0	0				1	11
Misc - Other	1	0	0	2	3	1	4	1	2				14	15
Water Quality Complaint- Odor/Color/Taste	0	0	0	0	0	0	0	0	0				0	2
Fire Flow Test	0	0	0	2	0	1	1	0	1				5	10
Safety Activities														
Safety Inspection of Facilities	6	8	3	8	5	4	0	0	17				51	68
Monthly, Online and Outside Safety Training	1	2	1	1	1	0	1	8	128				143	14
Weekly Tailgate Safety Mtg	2	4	4	4	3	4	4	4	2				31	52

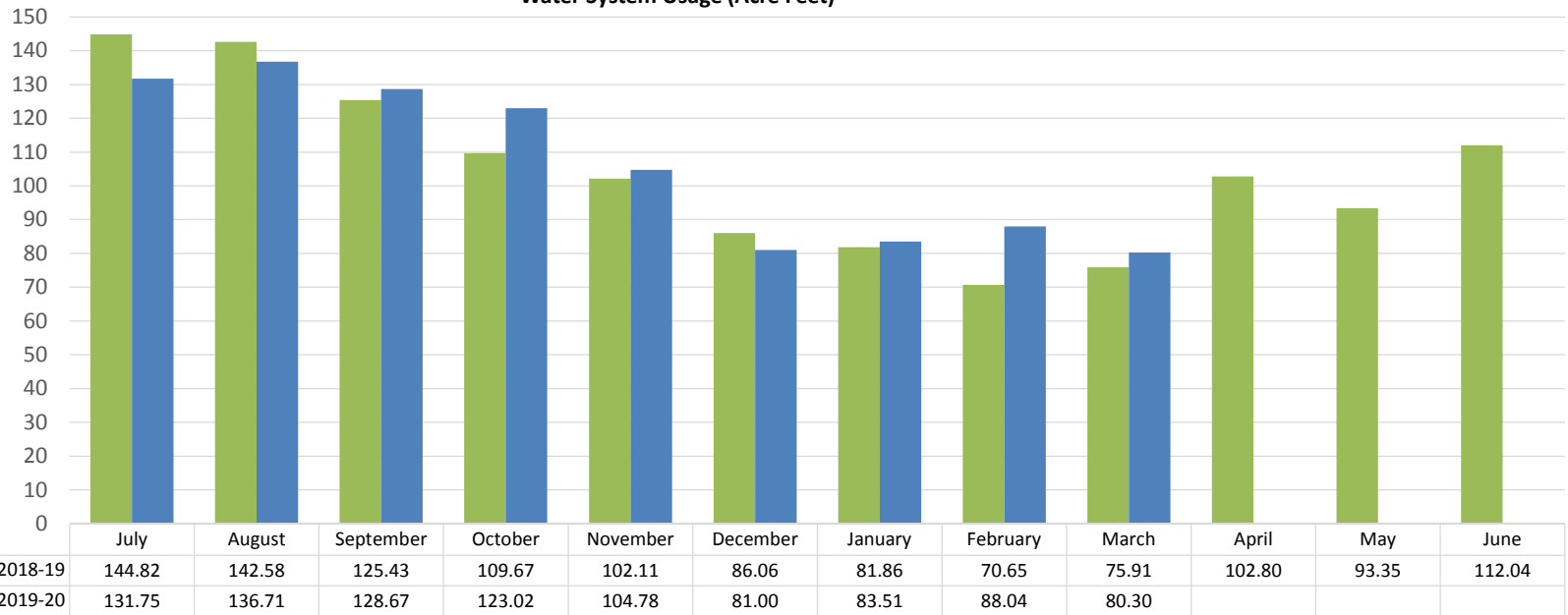
Attachment 4

Industry Public Utilities - Water Operations

PRODUCTION REPORT - FISCAL 2019-20

CIWS PRODUCTION	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	2019-20 FISCAL	2018-19 FISCAL
COI Well No. 5 To SGVCW B5	187.64	166.98	163.25	162.72	145.91	0.00	81.94	152.20	165.92				1226.56	1218.74
Interconnections to CIWS														
SGVWC Salt Lake Ave	1.27	1.13	0.49	0.54	0.51	0.54	0.51	0.58	0.56				6.13	12.17
SGVWC Lomas Ave	158.31	160.26	147.58	132.78	112.21	72.38	81.07	88.10	82.33				1035.02	1158.56
SGVWC Workman Mill Rd	0.00	0.00	0.01	0.02	0.10	0.15	0.02	0.03	0.07				0.40	0.38
Interconnections from LPVCWD	4.87	5.89	5.21	2.09	3.92	9.38	4.15	0.56	0.03				36.10	125.95
Subtotal	164.45	167.28	153.29	135.43	116.74	82.45	85.75	89.27	82.99				1077.65	1297.06
Interconnections to LPVCWD	32.70	30.57	24.62	12.41	11.96	1.45	2.24	1.23	2.69				119.87	49.78
Production for CIWS 2019-20	131.75	136.71	128.67	123.02	104.78	81.00	83.51	88.04	80.30				957.78	1247.28

Water System Usage (Acre Feet)



Attachment 5

CIWS-LPVCWD WATER EXCHANGE SUMMARY (pursuant to July 2015 Water Exchange and Supply Agreement)

Deliveries from LPVCWD to CIWS

Report for Third Quarter 19/20

QTR	Zone 488 Deliveries							Zone 775 Deliveries							Combined		
	Connection 1	Connection 2	Connection 3	Connection 3A	Zone 488 Total	Zone 488 Running Total	Zone 488 Previous Year	Connection 4	Connection 5	Connection 6	Connection 7	Connection 7A	Zone 775 Total	Zone 775 Running Total	Zone 775 Previous Year	Total	Running Total
Prior Period (18-19)					203.53	203.53	118.41						161.20	161.20	120.39	364.73	364.73
19-20 QTR 1	12.71	0.00	0.00	0.00	12.71	216.24	4.08			3.26	0.00		3.26	164.46	0.00	15.97	380.70
19-20 QTR 2	1.74	0.00	0.00	0.00	1.74	217.98	5.07			13.64	0.00		13.64	178.10	0.05	15.38	396.08
19-20 QTR 3	1.98	0.00	0.00	0.00	1.98	219.96	3.04			2.76	0.00		2.76	180.86	9.81	4.74	400.82
19-20 QTR 4	0.00	0.00	0.00	0.00	0.00	219.96	72.93			0.00	0.00		0.00	180.86	30.95	0.00	400.82
Annual Total	16.43	0.00	0.00	0.00	219.96		203.53			19.66	0.00		180.86		161.20	400.82	400.82

Deliveries from CIWS to LPVCWD

QTR	Zone 488 Deliveries							Zone 775 Deliveries							Combined		
	Connection 1	Connection 2	Connection 3	Connection 3A	Zone 488 Total	Zone 488 Running Total	Zone 488 Previous Year	Connection 4	Connection 5	Connection 6	Connection 7	Connection 7A	Zone 775 Total	Zone 775 Running Total	Zone 488 Previous Year	Total	Running Total
Prior Period (18-19)					138.11	138.11	116.20						130.67	130.67	96.88	268.78	268.78
19-20 QTR 1	80.57	0.00		0.00	80.57	218.68	6.63	0.00	0.94	6.87	0.00		7.81	138.48	16.04	88.38	357.16
19-20 QTR 2	19.96	0.00		0.00	19.96	238.64	0.00	0.00	0.83	5.45	0.00		6.28	144.76	6.63	26.24	383.40
19-20 QTR 3	0.00	0.00		0.00	0.00	238.64	0.01	0.32	1.12	5.07	0.04		6.55	151.31	5.97	6.55	389.95
19-20 QTR 4	0.00	0.00		0.00	0.00	238.64	15.27	0.00	0.00	0.00	0.00		0.00	151.31	5.15	0.00	389.95
Annual Total	100.53	0.00		0.00	238.64		138.11	0.32	2.89	17.39	0.04		151.31		130.67	389.95	389.95

Delivery Summary

Quarter	A			B		C		D		E				
	LPVCWD Total to CIWS	CIWS Total to LPVCWD	Difference	LPVCWD to CIWS in 488	CIWS to LPVCWD in 488	488 Difference	Amount unable to exchange within 12 months in 488	CIWS owes \$ to LPVCWD for 448 Deliveries	LPVCWD to CIWS in 775	CIWS to LPVCWD in 775	775 Difference	Amount unable to exchange within 12 months in 775	LPVCWD owes \$ to CIWS for 775 Deliveries	LPVCWD Owes \$ to CIWS
Prior Period (18-19)	364.73	268.78	-95.95	203.53	138.11	-65.42	0.00	0.00	161.20	130.67	-30.53	0.00	0.00	0.00
19-20 QTR 1	15.97	88.38	72.41	12.71	80.57	67.86	0.00	0.00	3.26	7.81	4.55	0.00	0.00	0.00
19-20 QTR 2	15.38	26.24	10.86	1.74	19.96	18.22	0.00	0.00	13.64	6.28	-7.36	0.00	0.00	0.00
19-20 QTR 3	4.74	6.55	1.81	1.98	0.00	-1.98	0.00	0.00	2.76	6.55	3.79	0.00	0.00	0.00
19-20 QTR 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Running Total	400.82	389.95	-10.87	219.96	238.64	18.68			180.86	151.31	-29.55			

Balance Owed by CIWS to LPVCWD Overall **10.87** Balance Owed to CIWS in 488 **18.68** Balance Owed to LPVCWD in 775 **29.55**

Notes:

Calculation of payment is not applicable until a full 12 months into the agreement that was entered into in July 2015

Column A represents water delivered in Zone 488 that was not redelivered within 12 months.

Column B represents the undelivered amount multiplied by the agreed rate to convey water to the 448 zone as detailed in example table above.

Column C represents water delivered in Zone 775 that was not redelivered within 12 months.

Column D represents the undelivered amount multiplied by the agreed upon rate to convey water to the 775 zone as detailed in example table above.

Column E represents the difference between what each party owes.

Attachment 6



APRIL 1, 2020

REPORT OF THE WATERMASTER ENGINEER
ON HYDROLOGIC CONDITIONS

✚ *Baldwin Park Key Well (see attached graph)*

- Located in the central portion of the San Gabriel Valley within the City of Baldwin Park and used as a general indication of water elevations throughout the San Gabriel Valley
- One vertical foot is equivalent to about 8,000 acre-feet of groundwater in the Main Basin
- On February 21, 2020, the Baldwin Park Key Well groundwater elevation was 210.0 feet.
- On March 20, 2020, the Baldwin Park Key Well groundwater elevation was 208.0 feet, a decrease of 0.5 feet from the prior week. **The historic low was 169.4 feet on November 21, 2018.**
 - ❖ A decrease of about 2.0 feet from the prior month.
 - ❖ About 23 feet higher than one year ago (represents 184,000 acre-feet). Includes an estimated 215,000 acre-feet of untreated imported water in cyclic storage accounts, which represents about 27 feet of groundwater elevation at the Key Well.
 - Producer Cyclic Storage – 55,000 AF
 - MWD Cyclic Storage (for UD RDA delivery) – 108,000 AF
 - Other Cyclic Storage – 52,000 AF

✚ *Rainfall (see attached graphs)*

- Data are readily available on a daily basis and are indicative of comparative amount of rainfall in the San Gabriel Valley (percent of average)
- Puddingstone Dam as of March 24, 2020
 - ❖ Average rainfall from July 1st through March 31st of each year is about 16.10 inches
 - ❖ Rainfall during July 1, 2019 through March 24, 2020 is 12.89 inches, which is 80 percent of average
 - ❖ Rainfall during July 1, 2018 through March 31, 2019 was about 22.00 inches, which was 137 percent of average
 - ❖ Rainfall during July 1, 2018 through June 30, 2019 was 23.60 inches, which was 130 percent of average
- Los Angeles Civic Center as of March 24, 2020
 - ❖ Average rainfall from July 1st through March 31st of each year is about 13.88 inches

Report of the Watermaster Engineer on Hydrologic Conditions – April 1, 2020 (continued)

- ❖ Rainfall during July 1, 2019 through March 24, 2020 is 11.67 inches, which is 84 percent of average
- ❖ Rainfall during July 1, 2018 through March 31, 2019 was about 17.99 inches, which was 130 percent of average
- ❖ Rainfall during July 1, 2018 through June 30, 2019 was 18.82 inches, which was 124 percent of average

Reservoir Storage and Releases

- There are three dams and reservoirs located along the San Gabriel River above San Gabriel Canyon. Their primary function is for flood control and also used to store watershed runoff for subsequent groundwater replenishment.
 - ❖ Cogswell Reservoir is located highest in the watershed and has a maximum storage capacity of 10,475 acre-feet
 - ❖ San Gabriel Reservoir is located downstream of and receives releases from Cogswell Reservoir, and has a maximum storage capacity of 44,044 acre-feet
 - ❖ Morris Reservoir is located downstream of and receives releases from San Gabriel Reservoir, and has a maximum storage capacity of 28,736 acre-feet. Releases from Morris Reservoir and San Gabriel Reservoir are used at local surface water treatment plants and used for groundwater replenishment
 - ❖ Total storage capacity is 83,255 acre-feet
 - ❖ The combined minimum pool behind Cogswell, San Gabriel and Morris Reservoirs is about 10,500 acre-feet.
 - ❖ Combined storage as of March 24, 2020 was 40,870 acre-feet (about 49 percent of capacity). **Excluding minimum pool storage, about 30,400 acre-feet is available for direct use or groundwater replenishment.**
 - ❖ San Gabriel Reservoir inflow was 202 cfs and release was 30 cfs as of March 24, 2020.
 - ❖ Morris Reservoir inflow was 39 cfs and release was 34 cfs as of March 24, 2020. All of the release was diverted from the San Gabriel River at the Azusa Duarte intake for use by Committee of Nine.

Untreated Imported Water Deliveries

- Upper District
 - ❖ USG-3 is located in San Gabriel Canyon just below Morris Dam, it represents Upper District's primary point of delivery of untreated imported water for groundwater replenishment to the San Gabriel Valley. The typical delivery rate is about 190 cfs (or about 375 acre-feet per day)
 - ❖ During February 2020 and March 2020, Upper District did not make deliveries through USG-3.

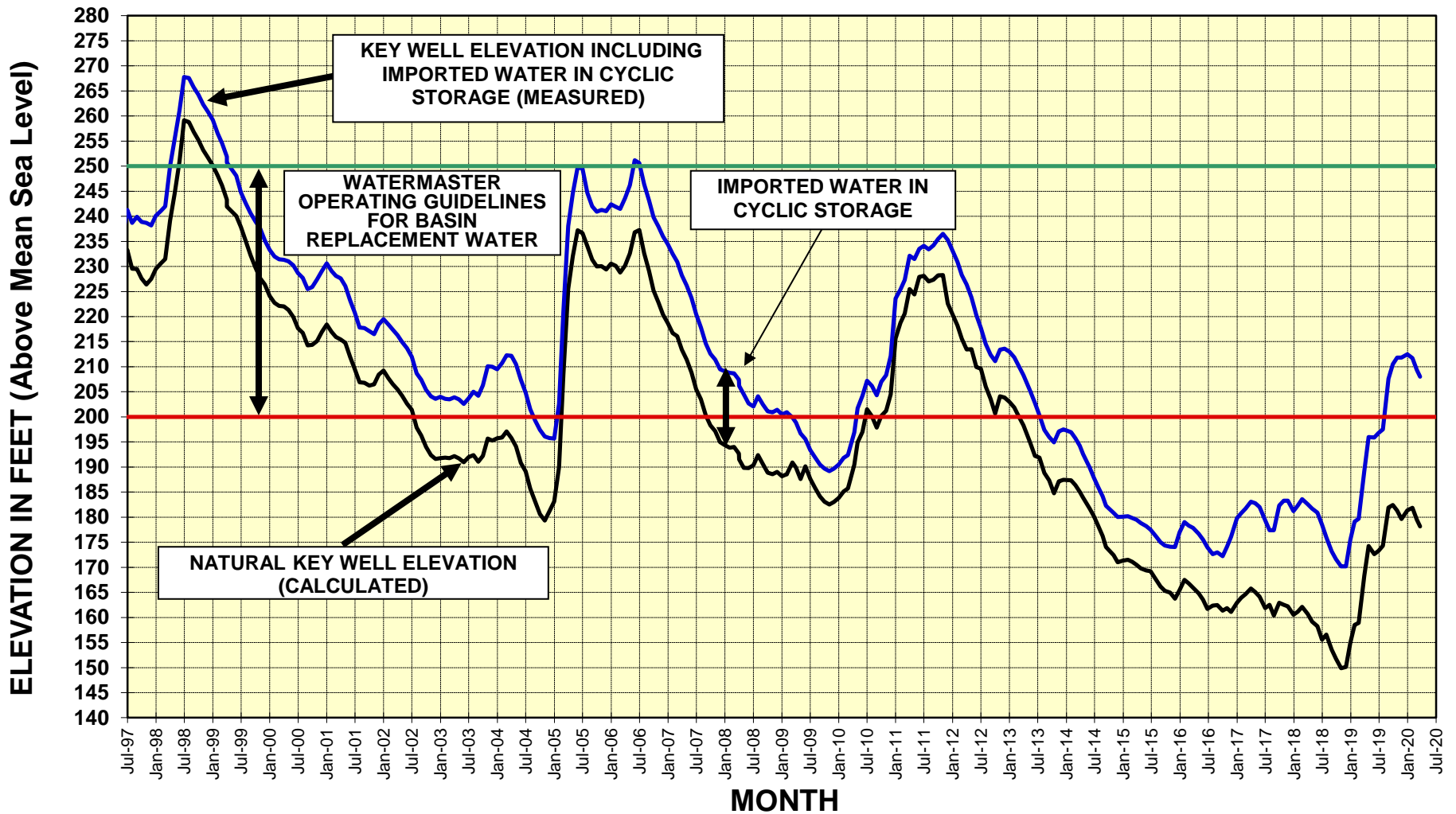
Report of the Watermaster Engineer on Hydrologic Conditions – April 1, 2020 (continued)

- Three Valleys District
 - ❖ During February 2020 and March 2020, Three Valleys District did not make deliveries through PM-26, USG-3 and to the San Gabriel Canyon.
- San Gabriel District
 - ❖ During February 2020, San Gabriel District delivered 992 acre-feet to Santa Fe Spreading Grounds.
 - ❖ During March 2020, San Gabriel District did not make deliveries to the San Gabriel Spreading Grounds, San Dimas Spreading Grounds and Santa Fe Spreading Grounds.

 Landfill Report

- Watermaster staff toured the following landfills during the month of March 2020:
 - ❖ Azusa Land Reclamation
 - ❖ Peck Road
 - ❖ Arcadia Reclamation Inc. (formerly Nu Way – Arrow)
- During the tour, Watermaster staff found that each landfill appeared to operate consistent with the conditions under each landfill's permit.

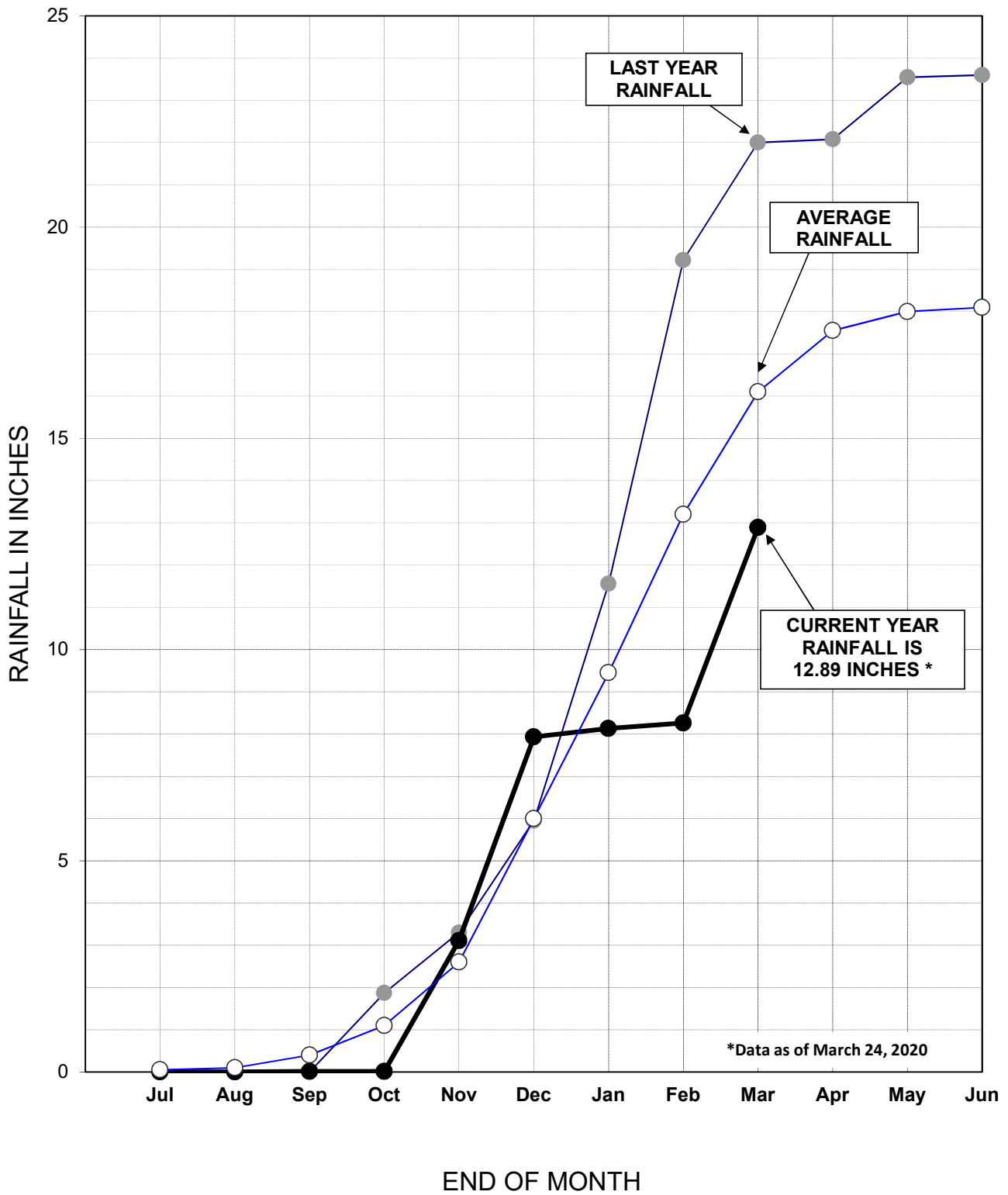
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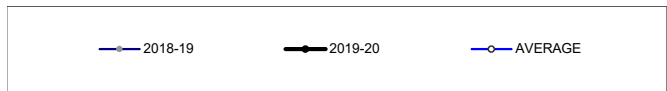
MAIN SAN GABRIEL BASIN WATERMASTER



**BALDWIN PARK KEY WELL
GROUNDWATER ELEVATION**

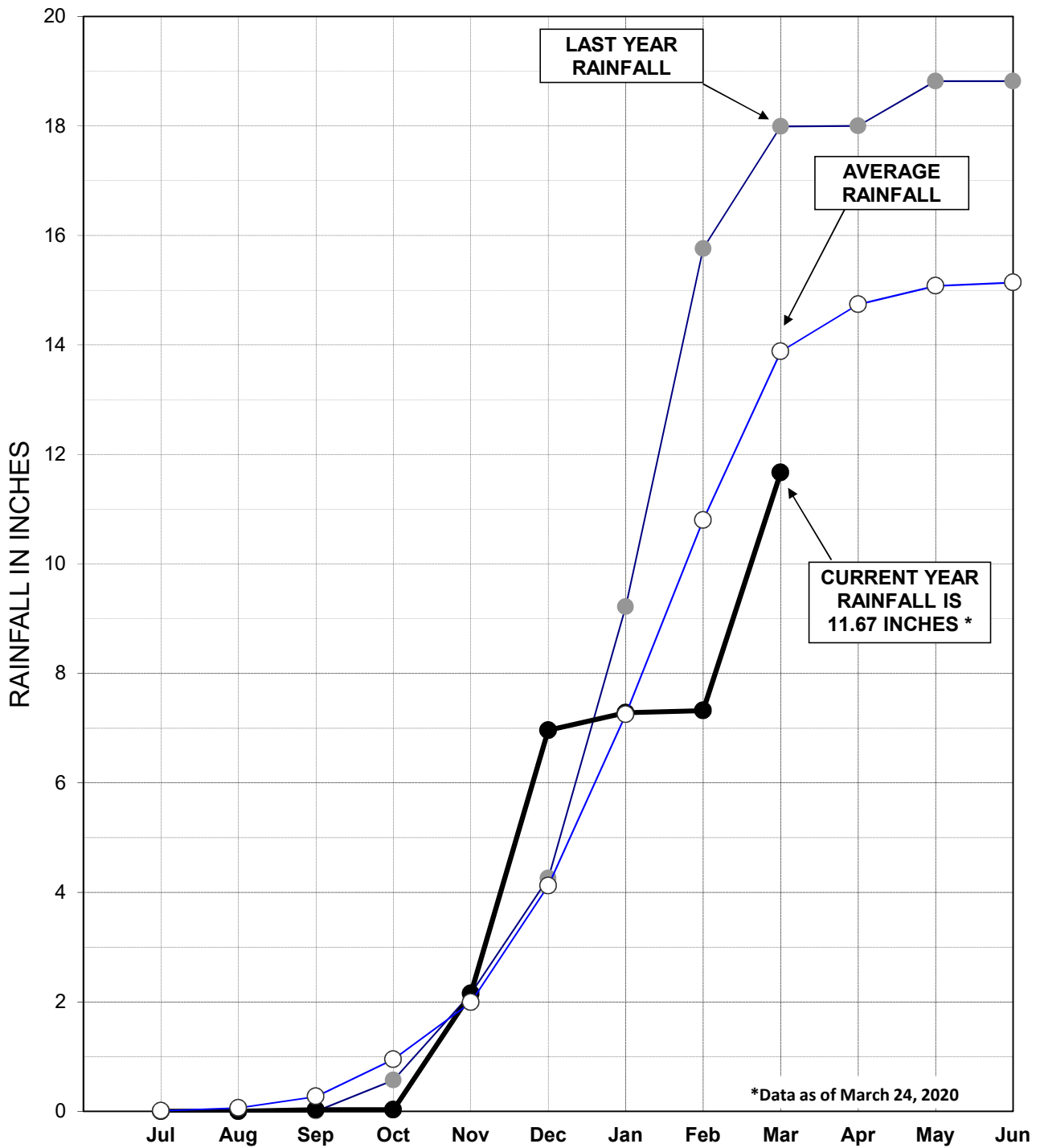


*Data as of March 24, 2020

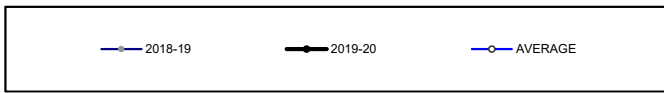


STETSON ENGINEERS INC.
Covina San Rafael Mesa, Arizona
WATER RESOURCE ENGINEERS

MAIN SAN GABRIEL BASIN WATERMASTER
ACCUMULATED RAINFALL
AT PUDDINGSTONE DAM (STATION NO. 96-C)



*Data as of March 24, 2020



STETSON ENGINEERS INC.
Covina San Rafael Mesa, Arizona
WATER RESOURCE ENGINEERS

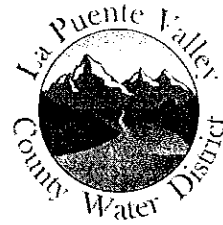
MAIN SAN GABRIEL BASIN WATERMASTER

**ACCUMULATED RAINFALL
AT LOS ANGELES CIVIC CENTER**

Attachment 7

LPVCWD
Salary & Benefits Billing Summary
as of March 31, 2019

Employee	No.	Hourly Rate (incl. payroll taxes)	OT Hourly (incl. payroll taxes)	Benefits per Hour (w/out PERS)	CalPERS per Hour	Wages, Benefits, & CalPERS Hourly
General Manager	24	\$ 94.30	N/A	\$ 18.14	\$ 16.79	\$ 129.23
Office Manager	9	\$ 55.24	N/A	\$ 24.65	\$ 10.06	\$ 89.95
Customer Service & Accounting Clerk II	11	\$ 32.65	\$ 48.97	\$ 12.74	\$ 5.94	\$ 51.33
Customer Service & Accounting Clerk II	33	\$ 29.02	\$ 43.52	\$ 21.14	\$ 1.88	\$ 52.04
Customer Service & Accounting Clerk I	44	\$ 20.10	\$ 30.15	\$ 0.30	\$ 0.30	\$ 20.70
Operations & Maintenance Superintendent	46	\$ 53.47	N/A	\$ 19.16	\$ 19.16	\$ 91.80
Distribution Supervisor	7	\$ 47.97	\$ 71.94	\$ 19.49	\$ 8.73	\$ 76.19
Water Treatment & Supply Supervisor	12	\$ 53.24	\$ 79.85	\$ 23.68	\$ 9.69	\$ 86.61
Water System Operator II	23	\$ 40.89	\$ 61.33	\$ 22.31	\$ 7.44	\$ 70.65
Lead Water System Operator	15	\$ 43.37	\$ 65.05	\$ 22.54	\$ 7.90	\$ 73.81
Water System Maintenance Worker	18	\$ 31.68	\$ 47.52	\$ 16.06	\$ 5.77	\$ 53.50
Water System Operator I	22	\$ 32.28	\$ 48.42	\$ 21.28	\$ 5.88	\$ 59.44
Water System Operator I	31	\$ 32.53	\$ 48.79	\$ 21.32	\$ 5.92	\$ 59.77
Water System Operator II	38	\$ 39.56	\$ 59.34	\$ 19.92	\$ 2.57	\$ 62.04
Customer Service & Accounting Clerk I	45	\$ 19.60	\$ 29.41	\$ 0.30	\$ 0.30	\$ 20.19



Summary of Cash and Investments
March 2020

La Puente Valley County Water District

Investments	Interest Rate (Apportionment Rate)	Beginning Balance	Receipts/ Change in Value	Disbursements/ Change in Value	Ending Balance
Local Agency Investment Fund	1.912%	\$ 2,340,854.28	\$ -	\$ -	\$ 2,340,854.28
Raymond James Financial Services		\$ 102,446.03	\$ 127.68	\$ -	\$ 102,573.71
Checking Account					
Well Fargo Checking Account (per General Ledger)		\$ 1,375,611.50	\$ 951,178.16	\$ 271,850.13	\$ 2,054,939.53
District's Total Cash and Investments:					\$ <u>4,498,367.52</u>

Industry Public Utilities

Checking Account	Beginning Balance	Receipts	Disbursements	Ending Balance
Well Fargo Checking Account (per General Ledger)	\$ 890,726.19	\$ 101,424.86	\$ 135,568.38	\$ 856,582.67
IPU's Total Cash and Investments:				\$ <u>856,582.67</u>

I certify that; (1) all investment actions executed since the last report have been made in full compliance with the Investment Policy as set forth in Resolution No. 237 and, (2) the District will meet its expenditure obligations for the next six (6) months.

Greg B. Galindo

, General Manager

Date: 4.21.2020

Greg B. Galindo

La Puente Valley County Water District (Treatment Plant Included)
Statement of Revenues and Expenses
For the Period Ending March 31, 2020
(Unaudited)

	LPVCWD YTD 2020	TP YTD 2020	COMBINED YTD 2020	COMBINED BUDGET 2020	25% OF BUDGET	COMBINED 2019 YE
Total Operational Rate Revenues	\$ 452,071	\$ -	\$ 452,071	\$ 2,265,900	20%	\$ 2,150,204
Total Operational Non-Rate Revenues	209,142	379,392	588,535	2,588,800	23%	\$ 2,143,472
Total Non-Operating Revenues	39,721	-	39,721	329,700	12%	452,773
TOTAL REVENUES	700,935	379,392	1,080,327	5,184,400	21%	4,746,449
Total Salaries & Benefits	442,703	61,809	504,511	2,126,800	24%	1,958,279
Total Supply & Treatment	224,447	276,449	500,896	1,824,900	27%	1,689,769
Total Other Operating Expenses	42,940	35,010	77,950	475,300	16%	335,935
Total General & Administrative	65,193	6,125	71,318	456,500	16%	339,880
TOTAL EXPENSES	775,283	379,392	1,154,675	4,883,500	24%	4,323,864
TOTAL OPERATIONAL INCOME	(74,348)	-	(74,348)	300,900	-25%	422,585
Capital Improvements	(49,415)	-	(49,415)	(3,745,000)	1%	(564,463)
Capital Outlay	-	-	-	(120,000)	0%	(34,402)
TOTAL CAPITAL	(49,415)	-	(49,415)	(3,865,000)	1%	(598,864)
INCOME (AFTER CAPITAL EXP.)	(123,763)	-	(123,763)	(3,564,100)	3%	(176,279)
Capital Reimbursement (OU Projects)	-	-	-	600,000	0%	150,000
Grant Revenue	-	-	-	305,000		-
Loan Proceeds	-	-	-	3,000,000		-
Loan Repayment	-	-	-	-	0%	-
PROJECTED CHANGE IN CASH	(123,763)	-	(123,763)	340,900	-36%	(26,279)
Contributed Capital	-	-	-	-		320,192
Add Back Capitalized Assets	49,415	-	49,415	3,865,000	1%	598,864
Less Depreciation Expense	(95,000)	(45,000)	(140,000)	(560,000)	25%	(512,951)
Less OPEB & Pension Liability Expense	-	-	-	(10,000)	0%	-
NET INCOME (LOSS)	\$ (169,348)	\$ (45,000)	\$ (214,348)	\$ 3,635,900	-6%	\$ 379,825

La Puente Valley County Water District
Statement of Revenues and Expenses
For the Period Ending March 31, 2020
(Unaudited)

	March 2020	YTD 2020	ANNUAL BUDGET 2020	25% OF BUDGET	YEAR END 2019
Operational Rate Revenues					
Water Sales	\$ 65,851	\$ 242,431	\$ 1,405,000	17%	\$ 1,327,414
Service Charges	54,738	174,444	712,000	25%	671,651
Surplus Sales	5,410	15,679	50,000	31%	53,504
Customer Charges	2,026	7,412	33,900	22%	36,133
Fire Service	1,197	11,859	64,000	19%	60,881
Miscellaneous Income	124	248	1,000	25%	620
Total Operational Rate Revenues	129,346	452,071	2,265,900	20%	2,150,204
Operational Non-Rate Revenues					
Management Fees	48,304	48,304	432,200	11%	265,926
PVOU Service Fees (Labor)	-	-	93,000	0%	10,667
BPOU Service Fees (Labor)	24,521	61,809	295,000	21%	288,379
IPU Service Fees (Labor)	52,163	160,839	715,800	22%	696,375
Other O & M Fees	-	-	7,500	0%	-
Total Operational Non-Rate Revenues	124,987	270,951	1,543,500	18%	1,261,347
Non-Operational Revenues					
Taxes & Assessments	5,084	27,710	220,000	13%	283,793
Rental Revenue	3,116	9,348	38,000	25%	37,119
Interest Revenue	-	-	50,000	0%	75,155
Market Value Adjustment	-	-	-	N/A	8,596
Miscellaneous Income	286	859	16,700	5%	26,409
Developer Fees	-	1,804	5,000	36%	21,701
Total Non-Operational Revenues	8,486	39,721	329,700	12%	452,773
TOTAL REVENUES	262,819	762,744	4,139,100	18%	3,864,323
Salaries & Benefits					
Total District Wide Labor	101,579	303,745	1,267,700	24%	1,164,013
Directors Fees & Benefits	9,589	27,626	118,200	23%	111,494
Benefits	26,698	80,972	317,300	26%	290,544
OPEB Payments	28,616	35,849	158,800	23%	145,854
Payroll Taxes	8,060	25,592	98,800	26%	91,023
Retirement Program Expense	5,636	30,727	166,000	19%	155,352
Total Salaries & Benefits	180,178	504,511	2,126,800	24%	1,958,279
Analysis Purposes Only:					
<i>Offsetting Revenue</i>	(76,684)	(222,648)	(1,103,800)	20%	(995,421)
<i>District Labor Net Total</i>	103,495	281,864	1,023,000	28%	962,858
Supply & Treatment					
Purchased & Leased Water	191	191,984	483,800	40%	480,906
Power	9,366	30,600	167,900	18%	151,166
Assessments	-	-	276,700	0%	246,512
Treatment	79	354	9,500	4%	2,976
Well & Pump Maintenance	596	1,509	38,500	4%	65,555
Total Supply & Treatment	10,232	224,447	976,400	23%	947,115

La Puente Valley County Water District
Statement of Revenues and Expenses
For the Period Ending March 31, 2020
(Unaudited)

	March 2020	YTD 2020	ANNUAL BUDGET 2020	25% OF BUDGET	YEAR END 2019
Other Operating Expenses					
General Plant	974	6,737	56,300	12%	40,101
Transmission & Distribution	285	3,616	94,700	4%	65,164
Vehicles & Equipment	5,960	12,327	31,500	39%	23,206
Field Support & Other Expenses	1,971	16,104	66,500	24%	46,750
Regulatory Compliance	579	4,156	57,000	7%	40,273
Total Other Operating Expenses	9,770	42,940	306,000	14%	215,495
General & Administrative					
District Office Expenses	975	6,680	63,100	11%	59,217
Customer Accounts	2,644	7,810	25,000	31%	23,085
Insurance	6,592	6,592	67,900	10%	69,094
Professional Services	13,801	30,777	125,000	25%	84,412
Training & Certification	(893)	3,868	42,500	9%	43,447
Public Outreach & Conservation	54	3,466	33,000	11%	8,159
Other Administrative Expenses	(2,020)	6,001	72,500	8%	33,434
Total General & Administrative	21,153	65,193	429,000	15%	320,848
TOTAL EXPENSES	221,334	837,091	3,838,200	22%	3,441,738
TOTAL OPERATIONAL INCOME	41,485	(74,348)	300,900	-25%	422,585
Capital Improvements					
Zone 3 Improvements	-	-	-	N/A	(10,860)
Fire Hydrant Repair/Replacements	-	-	(5,000)	0%	(5,880)
Service Line Replacements	-	-	(20,000)	0%	(45,609)
Valve Replacements	-	-	(15,000)	0%	(27,390)
Meter Read Collection System	-	-	(25,000)	0%	-
SCADA Improvements	-	-	(125,000)	0%	-
Ferrero Lane & Rorimer St. Improvements	-	-	(65,000)	0%	-
5th St. Waterline Improvement	-	-	-	N/A	(185,956)
LP-CIWS Interconnection (Ind. Hills)	-	-	(75,000)	0%	-
Hudson Plant Improvements	-	-	(375,000)	0%	-
Well No.5 Rehab (Design)	-	-	(30,000)	0%	(192,036)
Nitrate Treatment System	-	-	(1,130,000)	0%	(95,066)
Phase 1 - Recycled Water System	(45,187)	(49,415)	(1,880,000)	3%	(1,666)
Other Improvements	-	-	-	N/A	-
Total Capital Improvements	(45,187)	(49,415)	(3,745,000)	1%	(564,463)

La Puente Valley County Water District
Statement of Revenues and Expenses
For the Period Ending March 31, 2020
(Unaudited)

	March 2020	YTD 2020	ANNUAL BUDGET 2020	25% OF BUDGET	YEAR END 2019
Capital Outlay					
Truck(s)	-	-	(110,000)	0%	(34,402)
Other Equipment	-	-	(5,000)	0%	-
IT Equipment	-	-	(5,000)	0%	-
Total Capital Outlay	-	-	(120,000)	0%	(34,402)
TOTAL CAPITAL	(45,187)	(49,415)	(3,865,000)	1%	(598,864)
INCOME (AFTER CAPITAL EXP.)	(3,701)	(123,763)	(3,564,100)	3%	(176,279)
Funding & Debt Repayment					
Capital Reimbursement (OU Projects)	-	-	600,000	0%	150,000
Grant Revenue	-	-	305,000	0%	-
Loan Proceeds	-	-	3,000,000	0%	-
Loan Repayment	-	-	-	N/A	-
CASH DIFFERENCE	(3,701)	(123,763)	340,900	-36%	(26,279)
Contributed Capital	-	-	-	N/A	320,192
Add Back Capitalized Assets	45,187	49,415	3,865,000	1%	598,864
Less Depreciation Expense	(31,667)	(95,000)	(380,000)	25%	(378,494)
Less OPEB Expense - Not Funded	-	-	(10,000)	0%	-
NET INCOME (LOSS)	\$ 9,818	\$ (169,348)	\$ 3,815,900	-4%	\$ 514,283

Treatment Plant
Statement of Revenues and Expenses
For the Period Ending March 31, 2020
(Unaudited)

	March 2020	YTD 2020	ANNUAL BUDGET 2020	25% OF BUDGET	YEAR END 2019
Non-Rate Operational Revenues					
Reimbursements from CR's	147,079	317,584	\$ 1,340,300	24%	882,126
Miscellaneous Income	-	-	-	N/A	-
Total Non-Rate Operational Revenues	147,079	317,584	1,340,300	24%	882,126
Salaries & Benefits					
<i>BPOU TP Labor (1)</i>	<i>24,521</i>	<i>61,809</i>	<i>295,000</i>	<i>21%</i>	<i>-</i>
Contract Labor	-	-	-	N/A	-
Total Salaries & Benefits	24,521	61,809	295,000	21%	-
Supply & Treatment					
NDMA, 1,4-Dioxane Treatment	7,070	91,623	201,000	46%	168,733
VOC Treatment	-	-	-	N/A	26,698
Perchlorate Treatment	111,876	122,850	351,500	35%	311,926
Other Chemicals	1,308	3,885	53,000	7%	21,626
Treatment Plant Power	11,056	35,984	195,000	18%	164,422
Treatment Plant Maintenance	544	21,831	48,000	45%	29,196
Well & Pump Maintenance	277	277	-	N/A	20,052
Total Supply & Treatment	132,130	276,449	848,500	33%	742,654
Other Operating Expenses					
General Plant	1,367	12,881	35,000	37%	17,438
Transmission & Distribution	-	-	-	N/A	5,250
Vehicles & Equipment	1,110	2,839	9,300	31%	11,018
Field Support & Other Expenses	-	-	15,000	0%	22
Regulatory Compliance	6,347	19,290	110,000	18%	86,712
Total Other Operating Expenses	8,824	35,010	169,300	21%	120,440
General & Administrative					
District Office Expenses	-	-	2,500	0%	-
Insurance	-	-	10,000	0%	10,362
Professional Services	6,125	6,125	15,000	41%	8,670
Total General & Administrative	6,125	6,125	27,500	22%	19,032
TOTAL EXPENSES	171,600	379,392	1,340,300	28%	882,126
TOTAL EXPENSES (Minus Labor)	147,079	317,584	1,045,300	30%	882,126
TOTAL OPERATIONAL INCOME	-	-	-		-
Depreciation Expense	(15,000)	(45,000)	(180,000)	25%	(134,458)
Total Non-Cash Items (Dep. & OPEB)	(15,000)	(45,000)	(180,000)	25%	(134,458)
NET INCOME (LOSS)	\$ (15,000)	\$ (45,000)	\$ (180,000)	25%	(134,458)

(1) The labor expense depicted here is the amount of labor billed to the BPOU in which the District receives reimbursement which is shown on the District's Statement of Revenues and Expenses as operational non-rate revenue (BPOU Service Fees).

INDUSTRY PUBLIC UTILITIES - WATER OPERATIONS
Statement of Revenue and Expenses Summary
For the Period Ending March 31, 2020
(Unaudited)

	March 2020	FISCAL YTD 2019-2020	BUDGET FY 2019-2020	75% OF BUDGET	FY END 2018-2019
Total Operational Revenues	\$ 176,632	\$ 1,439,891	\$ 1,983,600	73%	\$ 1,870,756
Total Non-Operational Revenues	-	21,127	42,500	50%	31,502
TOTAL REVENUES	176,632	1,461,018	2,026,100	72%	1,902,258
Total Salaries & Benefits	53,811	484,878	687,500	71%	674,004
Total Supply & Treatment	3,253	392,544	667,200	59%	780,162
Total Other Operating Expenses	3,452	104,596	221,000	47%	179,462
Total General & Administrative	52,103	194,775	304,000	64%	265,387
Total Other & System Improvements	3,996	104,111	287,800	36%	68,587
NET OPERATING INCOME (LOSS)	116,614	1,280,904	2,167,500	59%	1,967,602
OPERATING INCOME	60,018	180,114	(141,400)		(65,344)
NET INCOME (LOSS)	\$ 60,018	\$ 180,114	\$ (141,400)		\$ (65,344)

INDUSTRY PUBLIC UTILITIES - WATER OPERATIONS

Statement of Revenue and Expenses

For the Period Ending March 31, 2020

(Unaudited)

	March 2020	FISCAL YTD 2019-2020	BUDGET FY 2019-2020	75% OF BUDGET	FY END 2018-2019
Operational Revenues					
1 Water Sales	\$ 105,435	\$ 886,178	\$ 1,239,000	72%	\$ 1,133,233
2 Service Charges	56,335	458,265	618,600	74%	615,778
3 Customer Charges	1,585	14,255	21,000	68%	19,095
4 Fire Service	13,277	81,193	105,000	77%	102,650
5 <i>Total Operational Revenues</i>	176,632	1,439,891	1,983,600	73%	1,870,756
Non-Operational Revenues					
6 Contamination Reimbursement	-	21,127	40,000	53%	31,502
7 Developer Fees	-	-	2,500	0%	-
8 Miscellaneous Income	-	-	-	N/A	-
9 <i>Total Non-Operational Revenues</i>	-	21,127	42,500	50%	31,502
10 TOTAL REVENUES	176,632	1,461,018	2,026,100	72%	1,902,258
Salaries & Benefits					
11 Administrative Salaries	18,920	153,317	202,400	76%	200,341
12 Field Salaries	15,100	158,938	234,800	68%	231,034
13 Employee Benefits	10,466	99,994	150,100	67%	145,869
14 Pension Plan	5,404	46,526	61,900	75%	60,337
15 Payroll Taxes	2,273	21,013	31,700	66%	29,991
16 Workman's Compensation	1,648	5,091	6,600	77%	6,431
17 <i>Total Salaries & Benefits</i>	53,811	484,878	687,500	71%	674,004
Supply & Treatment					
18 Purchased Water - Leased	-	234,234	235,900	99%	379,470
19 Purchased Water - Other	1,307	12,944	22,500	58%	21,271
20 Power	1,946	90,658	125,000	73%	98,112
21 Assessments	-	13,236	232,700	6%	161,648
22 Treatment	-	173	6,100	3%	7,399
23 Well & Pump Maintenance	-	41,300	45,000	92%	112,261
24 <i>Total Supply & Treatment</i>	3,253	392,544	667,200	59%	780,162
Other Operating Expenses					
25 General Plant	294	3,104	35,000	9%	13,288
26 Transmission & Distribution	-	30,752	75,000	41%	77,363
27 Vehicles & Equipment	-	19,052	36,000	53%	33,891
28 Field Support & Other Expenses	1,490	25,594	35,000	73%	24,898
29 Regulatory Compliance	1,668	26,094	40,000	65%	30,022
30 <i>Total Other Operating Expenses</i>	3,452	104,596	221,000	47%	179,462

INDUSTRY PUBLIC UTILITIES - WATER OPERATIONS

Statement of Revenue and Expenses

For the Period Ending March 31, 2020

(Unaudited)

	March 2020	FISCAL YTD 2019-2020	BUDGET FY 2019-2020	75% OF BUDGET	FY END 2018-2019
General & Administrative					
31 Management Fee	48,304	143,016	191,300	75%	187,569
32 Office Expenses	1,231	14,906	19,200	78%	34,693
33 Insurance	-	12,843	15,000	86%	14,991
34 Professional Services	-	2,748	30,000	9%	4,514
35 Customer Accounts	2,307	16,524	30,000	55%	17,674
36 Public Outreach & Conservation	14	2,187	15,000	15%	4,038
37 Other Administrative Expenses	248	2,549	3,500	73%	1,908
38 <i>Total General & Administrative</i>	52,103	194,775	304,000	64%	265,387
Other Exp. & System Improvements (Water Ops Fund)					
39 Fire Hydrant Repair/Replace	-	9,543	6,300	151%	11,629
40 Service Line Replacements	-	26,489	30,000	88%	44,327
41 Valve Replacements & Installations	-	7,643	19,500	39%	8,723
42 Meter Read Collection System	-	-	12,000	0%	-
43 SCADA System Assessment & Improvements	-	-	20,000	0%	-
44 Water Rate Study	2,816	38,779	-	0%	3,908
45 Groundwater Treatment Feasibility Study	1,180	21,658	200,000	0%	-
46 <i>Total Other & System Improvements</i>	3,996	104,111	287,800	36%	68,587
47 TOTAL EXPENSES	116,614	1,280,904	2,167,500	59%	1,967,602
48 NET OPERATING INCOME (LOSS)	60,018	180,114	(141,400)		(65,344)

STAFF REPORT



Meeting Date: April 27, 2020

To: Honorable Board of Directors

Subject: Purchase of a Hach Nitratax SC Nitrate Sensor Probe Analyzer

Purpose - *Purchase of a new Hach Nitrate analyzer and necessary components for use in the continued monitoring of nitrate levels at the District's groundwater treatment facility.*

Recommendation - *Authorize the General Manager to purchase a Hach Nitratax SC Nitrate Sensor Probe Analyzer from the Hach Company for a not to exceed the price of \$45,000.*

Fiscal Impact - *The District's 2020 Capital Budget appropriates \$1,130,000 for the Nitrate Treatment System Project. The purchase of the Hach Nitrate Analyzer is a project expense and will be within the 2020 Budget appropriation.*

Background

Over the past several years, the Districts nitrate levels in all its wells have been trending upward. This trend has resulted in an average Nitrate level at 80% of the 10 mg/L Maximum Contaminant Level (MCL). In September 2019, the board authorized Staff to work with Geosyntec Consultants in the preparation of a technical memorandum to evaluate groundwater treatment systems for nitrate removal. This study was completed and indicated the need for nitrate treatment and ranked Evoqua's regenerable ion exchange treatment system as the preferred system for the District's groundwater treatment facility. Staff is currently working with Evoqua on the design of the Nitrate Treatment System. The proposed system will utilize the most effective regenerable ion exchange resin that is available and meets applicable regulatory standards. Although the system may be manufactured by Evoqua the resin that will be utilized in the system will be supplied by a resin manufacturer such as DuPont, Calgon or Purolite. Staff was contacted by the resin manufacturer, Purolite, in February 2020 to inquire if the District would be interested in conducting a pilot study of a new Purolite nitrate selective regenerable ion exchange resin that may be significantly more efficient than current resin products on the market.

At the March 23, 2020 Board of Directors meeting the Board considered its involvement in the pilot study. Staff explained that there would be certain cost to the District to support the pilot study, such as the purchase of a Nitrate analyzer, laboratory cost and staff labor to operate the pilot system for a period of a month. The Board authorized staff to move forward with the pilot study. A requirement of the pilot system is the continuous monitoring of nitrate levels by a nitrate analyzer. This monitoring will be used in the evaluation of the resin's performance. The additional benefit of this pilot study and assessment is that the District can use the data to support its request for a permit amendment from the State's Division of Drinking Water. After use in the pilot study the nitrate analyzer will be integrated into the District's nitrate treatment system.

Summary

Staff performed extensive research on various types of nitrate analyzers. Several criteria were used in the evaluation, including the need for a process of continuous measurements of the water supply, ease of maintenance and extended reliability. Based on the information obtained, Staff identified that the Hach Nitratax SC Nitrate sensor probe analyzer would be the ideal candidate for this application. Nitratax SC probe utilizes a UV light sensor for continuous measurement and highly accurate with a ± 0.5 mg/L accuracy. This system is also compatible with future integration into the Evoqua nitrate treatment facility. Staff contacted San Gabriel Valley Water Company, who is currently utilizing the Hach Nitratax analyzer with a similar nitrate treatment facility. They provided valuable insight into their experience and recommended the unit. The feedback that was received was favorable to the ease of use and reliability of the Nitratax system. The Hach Company equipment has proven to be a very reliable product for the District over the years. Hach products have been utilized in other applications, including chlorine analyzers and pH monitoring for the water system. After identifying the preferred type of analyzer, Staff contacted the Hach Company directly, as they are the sole provider for the equipment. Based on the District's customer history with Hach, Staff was able to negotiate a favorable discounted pricing for the Nitrate analyzer system. The system includes two nitrates sensor probes, the SC1000 display control module, and all other necessary insulation components.

Fiscal Impact

The District's 2020 Capital Budget appropriates \$1,130,000 for the Nitrate Treatment System Project. The purchase of the Hach Nitrate Analyzer is a project expense and will be within the 2020 Budget appropriation. The Nitrate Treatment System Project is a multi-year year project which began in 2019 and is anticipated to be completed in May of 2021.

Recommendation

Staff recommends the Board authorize the General Manager to purchase a Hach Nitratax SC Nitrate Sensor Probe Analyzer from the Hach Company for a not to exceed the price of \$45,000.

Respectfully Submitted,

Paul Zampiello

Paul Zampiello

Operations & Maintenance Superintendent

Enclosure(s)

- *Quote from Hach Company for Nitratax SC Nitrate Analyzer*
- *Datasheets for Nitratax SC Sensor and SC 1000 display control module*



Be Right™

Quotation

Quote Number: 100546096v6

Use quote number at time of order to ensure that you receive prices quoted

Hach
PO Box 608
Loveland, CO 80539-0608
Phone: (800) 227-4224
Email: quotes@hach.com
Website: www.hach.com

Quote Date: 23-Apr-2020

Quote Expiration: 23-Jun-2020

LA PUENTE VALLEY CNTY WATER
ACCTS PAYABLE
PO BOX 3136
LA PUENTE, CA 91744-0136

Name: Paul Zampielo
Phone: 626-636-0811
Email: pzampielo@lapuentewater.com

Customer Account Number : 298792

Sales Contact: David Bumpass Email: david.bumpass@hach.com Phone: 909-552-5031

PRICING QUOTATION

Line	Part Number	Description	Qty	Net Unit Price	Extended Price
1	LXV417.99.20002	db NITRATAX PLUS SC 2MM. Standard lead time 15 days.	2	15,283.62	30,567.24
2	LXV402.99.00002	db ee MODULE, DISPLAY W/O GSM, SC1000. Standard lead time 3 days.	1	2,606.20	2,606.20
3	LZX869	NITRATAX PLUS SC 2MM FLOWTHRU CELL Also for UVAS . Standard lead time 15 days.	2	2,089.94	4,179.88
4	LXV400.99.1G382	sc1000 Probe Module without power cord, 2x 4-20mA Output Card, Prognosys Card, 6 sensors with available conduits. Standard lead time 15 days.	1	2,548.10	2,548.10
5	27	Simplified freight charge	1	827.96	827.96
				Estimated LA County Tax - 10.25%	\$ 4,174.76
				Grand Total	\$ 44,904.14

TERMS OF SALE

Freight: Ground Prepay and Add

FCA: Hach's facility

California Proposition 65:



All purchases of Hach Company products and/or services are expressly and without limitation subject to Hach Company's Terms & Conditions of Sale ("Hach TCS"), incorporated herein by reference and published on Hach Company's website at www.hach.com/terms. Hach TCS are contained directly and/or by reference in Hach's offer, order acknowledgment, and invoice documents. The first of the following acts constitutes an acceptance of Hach's offer and not a counteroffer and creates a contract of sale "Contract" in accordance with the Hach TCS: (i) Buyer's issuance of a purchase order document against Hach's offer; (ii) acknowledgement of Buyer's order by Hach; or (iii) commencement of any performance by Hach pursuant to Buyer's order. Provisions contained in Buyer's purchase documents (including electronic commerce interfaces) that materially alter, add to or subtract from the provisions of the Hach TCS are not part of the Contract.

Due to International regulations, a U.S. Department of Commerce Export License may be required. Hach reserves the right to approve specific shipping agents. Wooden boxes suitable for ocean shipment are extra. Specify final destination to ensure proper documentation and packing suitable for International transport. In addition, Hach may require : 1). A statement of intended end-use; 2).Certification that the intended end-use does not relate to proliferation of weapons of mass destruction (prohibited nuclear end use, chemical / biological weapons, missile technology); and 3). Certification that the goods will not be diverted contrary to U.S. and/or applicable laws in force in Buyer's jurisdiction.

ORDER TERMS:
Terms are Subject to Credit Review
Please reference the quotation number on your purchase order.
Sales tax is not included. Applicable sales tax will be added to the invoice based on the U.S. destination, if applicable provide a resale/exemption certificate.
Shipments will be prepaid and added to invoices unless otherwise specified.
Equipment quoted operates with standard U.S. supply voltage.
Hach standard terms and conditions apply to all sales.
Additional terms and conditions apply to orders for service partnerships.
Prices do not include delivery of product. Reference attached Freight Charge Schedule and Collect Handling Fees.
Standard lead time is 30 days.
This Quote is good for a one time purchase.

Sales Contact:
Name: David Bumpass
Title: Regional Sales Manager
Phone: 909-552-5031
Email: david.bumpass@hach.com



HACH COMPANY

Headquarters
 P.O. Box 389
 5600 Lindbergh Drive
 Loveland, CO 80539-0389

Purchase Orders
 PO Box 608
 Loveland, CO 80539-0608

WebSite: www.hach.com

U.S.A.
 Phone: 800-227-4224
 Fax: 970-669-2932
 E-Mail: orders@hach.com
 quotes@hach.com
 techhelp@hach.com

Export
 Phone: 970-669-3050
 Fax: 970-461-3939
 Email: intl@hach.com

Remittance
 2207 Collections Center Drive
 Chicago, IL 60693

Wire Transfers
 Bank of America
 231 S. LaSalle St.
 Chicago, IL 60604
 Account: 8765602385
 Routing (ABA): 071000039

Quotation Addendum

ADVANTAGES OF WORKING WITH HACH

Hach Service	Pick&Ship™	Technical Support
<p><i>Protect your investment & peace of mind</i></p> <ul style="list-style-type: none"> ✓ A global partner who understands your needs ✓ Delivers timely, high-quality service you can trust ✓ Provides team of unique experts to help you maximize instrument uptime ✓ Ensure data integrity ✓ Maintain operational stability ✓ Reduce compliance risk <p>www.hach.com/service-contracts</p>	<p><i>Pick&Ship™ Program offers a better way to keep your supplies in stock</i></p> <ul style="list-style-type: none"> ✓ Convenience of one purchase order for the entire year ✓ Flexibility to change, cancel or create new orders ✓ Savings from locking in prices & thus avoiding price surges and rush charges ✓ Peace of mind with automatic, reliable shipments just as you need them <p>www.Hach.com/pickandship</p>	<p><i>Provides post-sale instrumentation and application support</i></p> <ul style="list-style-type: none"> ✓ Hach's highly skilled Technical Support staff is dedicated to helping you resolve technical issues before, during and after the sale. ✓ Available via phone, e-mail, or live online chat at Hach.com! ✓ Fast access to answers at https://support.hach.com ✓ Toll-free phone: 800-227-4224 ✓ E-mail: techhelp@hach.com <p>www.Hach.com</p>

ADVANTAGES OF SIMPLIFIED SHIPPING AND HANDLING

Safe & Fast Delivery	Save Time – Less Hassle	Save Money
<ul style="list-style-type: none"> ✓ Receive tracking numbers on your order acknowledgement ✓ Hach will assist with claims if an order is lost or damaged in shipment 	<ul style="list-style-type: none"> ✓ No need to set up deliveries for orders or to schedule pickup ✓ Hach ships order as product is available, at no additional charge, when simplified shipping and handling is used. 	<ul style="list-style-type: none"> ✓ No additional invoice to process – save on time and administrative costs ✓ Only pay shipping once, even if multiple shipments are required

STANDARD SIMPLIFIED SHIPPING AND HANDLING CHARGES ^{1, 2, 3, 4} Pricing Effective 4/11/2020						Collect ⁴
Total Price of Merchandise Ordered	Standard Surface (Mainland USA)	Second Day Delivery (Mainland USA)	Next Day Delivery (Mainland USA)	Second Day Delivery (Alaska & Hawaii)	Next Day Delivery (Alaska & Hawaii)	Handling Fee Effective 4/11/2020
\$0.00 - \$49.99	\$17.99	\$44.99	\$83.90	\$72.21	\$137.27	\$13.47
\$50.00 - \$149.99	\$28.59	\$84.27	\$159.00	\$120.84	\$229.73	\$13.85
\$150.00 - \$349.99	\$50.22	\$133.98	\$272.91	\$169.07	\$329.04	\$14.72
\$350.00 - \$649.99	\$69.95	\$182.91	\$363.75	\$228.65	\$442.76	\$15.48
\$650.00 - \$949.99	\$88.16	\$191.13	\$399.98	\$236.66	\$446.10	\$16.04
\$950.00 - \$1,999.99	\$110.91	\$235.85	\$498.69	\$280.67	\$543.06	\$17.52
\$2,000.00 - \$3,999.99	\$128.04	\$250.64	\$513.44	\$291.54	\$554.54	\$20.22
\$4,000.00 - \$5,999.99	\$148.44	\$260.33	\$538.23	\$292.89	\$570.53	\$24.90
\$6,000.00 - \$7,999.99	\$175.40	\$296.40	\$612.84	\$323.07	\$622.86	\$29.04
\$8,000.00 - \$9,999.99	\$200.15	\$336.83	\$658.19	\$360.41	\$683.52	\$33.51
Over \$10,000	2.5% of Net Order Value	4.5% of Net Order Value	7% of Net Order Value	4.5% of Net Order Value	7% of Net Order Value	\$51.84

- Shipping & Handling charges shown are only applicable to orders billing and shipping to U.S. destinations. Shipping & Handling charges will be prepaid and added to invoice. Shipping & Handling for the Pick&Ship Program is charged on each shipment release and is based on the total price of each shipment release. Shipping & Handling charges are subject to change without notice.
 - Additional Shipping & Handling charges will be applied to orders containing bulky and/or especially heavy orders. Refrigerated and all weather Samplers do not qualify for simplified Shipping & Handling charges, and are considered heavy products. Dissolved Oxygen Sensors can be damaged if exposed to temps below freezing, causing sensor failure. Must be shipped over night or 2nd day air during the cold weather months.
 - Orders shipping to Alaska or Hawaii: Additional Shipping & Handling charges may be applied at time of order processing. Second Day and Next Day delivery is not available to all destinations.
 - Hach Company will assess a collect handling fee on orders with collect shipping terms. This handling fee covers the additional costs that Hach Company incurs from processing and managing collect shipments.
- Due to variations in component characteristics, regulatory transportation requirements and/or associated shipping and handling costs, individual kit components may or may not be packaged together in a single carton at time of final packaging and shipping.

SALES TAX

Sales Tax is not included in the attached quotation. Applicable sales and usage taxes will be added to your invoice, at the time of order, based on U.S. destination of goods, unless a valid resale/exemption certificate for destination state is provided to the above address or fax number, attention of the Tax Dept.

TERMS & CONDITIONS OF SALE FOR HACH COMPANY PRODUCTS AND SERVICES

This document sets forth the Terms & Conditions of Sale for goods manufactured and/or supplied, and services provided, by Hach Company of Loveland, Colorado ("Hach") and sold to the original purchaser thereof ("Buyer"). Unless otherwise specifically stated herein, the term "Hach" includes only Hach Company and none of its affiliates. Unless otherwise specifically stated in a previously-executed written purchase agreement signed by authorized representatives of Hach and Buyer, these Terms & Conditions of Sale establish the rights, obligations and remedies of Hach and Buyer which apply to this offer and any resulting order or contract for the sale of Hach's goods and/or services ("Products").

1. **APPLICABLE TERMS & CONDITIONS:** These Terms & Conditions of Sale are contained directly and/or by reference in Hach's offer, order acknowledgment, and invoice documents. The first of the following acts constitutes an acceptance of Hach's offer and not a counteroffer and creates a contract of sale ("Contract") in accordance with these Terms & Conditions: (i) Buyer's issuance of a purchase order document against Hach's offer; (ii) acknowledgment of Buyer's order by Hach; or (iii) commencement of any performance by Hach pursuant to Buyer's order. Provisions contained in Buyer's purchase documents (including electronic commerce interfaces) that materially alter, add to or subtract from the provisions of these Terms & Conditions of Sale are not a part of the Contract.

2. **CANCELLATION:** Buyer may cancel goods orders subject to fair charges for Hach's expenses including handling, inspection, restocking, freight and invoicing charges as applicable, provided that Buyer returns such goods to Hach at Buyer's expense within 30 days of delivery and in the same condition as received. Buyer may cancel service orders on ninety (90) day's prior written notice and refunds will be prorated based on the duration of the service plan. Inspections and re-instatement fees may apply upon cancellation or expiration of service programs. Seller may cancel all or part of any order prior to delivery without liability if the order includes any Products that Seller determines may not comply with export, safety, local certification, or other applicable compliance requirements.

3. **DELIVERY:** Delivery will be accomplished FCA Hach's facility located in Ames, Iowa or Loveland, Colorado, United States (Incoterms 2010). Legal title and risk of loss or damage pass to Buyer upon transfer to the first carrier. Hach will use commercially reasonable efforts to deliver the Products ordered herein within the time specified on the face of this Contract or, if no time is specified, within Hach's normal lead-time necessary for Hach to deliver the Products sold hereunder. Upon prior agreement with Buyer and for an additional charge, Hach will deliver the Products on an expedited basis. Standard service delivery hours are 8 am – 5 pm Monday through Friday, excluding holidays.

4. **INSPECTION:** Buyer will promptly inspect and accept any Products delivered pursuant to this Contract after receipt of such Products. In the event the Products do not conform to any applicable specifications, Buyer will promptly notify Hach of such nonconformance in writing. Hach will have a reasonable opportunity to repair or replace the nonconforming product at its option. Buyer will be deemed to have accepted any Products delivered hereunder and to have waived any such nonconformance in the event such a written notification is not received by Hach within thirty (30) days of delivery.

5. **PRICES & ORDER SIZES:** All prices are in U.S. dollars and are based on delivery as stated above. Prices do not include any charges for services such as insurance; brokerage fees; sales, use, inventory or excise taxes; import or export duties; special financing fees; VAT, income or royalty taxes imposed outside the U.S.; consular fees; special permits or licenses; or other charges imposed upon the production, sale, distribution, or delivery of Products. Buyer will either pay any and all such charges or provide Hach with acceptable exemption certificates, which obligation survives performance under this Contract. Hach reserves the right to establish minimum order sizes and will advise Buyer accordingly.

6. **PAYMENTS:** All payments must be made in U.S. dollars. For Internet orders, the purchase price is due at the time and manner set forth at www.hach.com. Invoices for all other orders are due and payable NET 30 DAYS from date of the invoice without regard to delays for inspection or transportation, with payments to be made by check to Hach at the above address or by wire transfer to the account stated on the front of Hach's invoice, or for customers with no established credit, Hach may require cash or credit

card payment in advance of delivery. In the event payments are not made or not made in a timely manner, Hach may, in addition to all other remedies provided at law, either: (a) declare Buyer's performance in breach and terminate this Contract for default; (b) withhold future shipments until delinquent payments are made; (c) deliver future shipments on a cash-with-order or cash-in-advance basis even after the delinquency is cured; (d) charge interest on the delinquency at a rate of 1-1/2% per month or the maximum rate permitted by law, if lower, for each month or part thereof of delinquency in payment plus applicable storage charges and/or inventory carrying charges; (e) repossess the Products for which payment has not been made; (f) recover all costs of collection including reasonable attorney's fees; or (g) combine any of the above rights and remedies as is practicable and permitted by law. Buyer is prohibited from setting off any and all monies owed under this from any other sums, whether liquidated or not, that are or may be due Buyer, which arise out of a different transaction with Hach or any of its affiliates. Should Buyer's financial responsibility become unsatisfactory to Hach in its reasonable discretion, Hach may require cash payment or other security. If Buyer fails to meet these requirements, Hach may treat such failure as reasonable grounds for repudiation of this Contract, in which case reasonable cancellation charges shall be due Hach. Buyer grants Hach a security interest in the Products to secure payment in full, which payment releases the security interest but only if such payments could not be considered an avoidable transfer under the U.S. Bankruptcy Code or other applicable laws. Buyer's insolvency, bankruptcy, assignment for the benefit of creditors, or dissolution or termination of the existence of Buyer, constitutes a default under this Contract and affords Hach all the remedies of a secured party under the U.C.C., as well as the remedies stated above for late payment or non-payment. See [120](#) for further wire transfer requirements.

7. **LIMITED WARRANTY:** Hach warrants that Products sold hereunder will be free from defects in material and workmanship and will, when used in accordance with the manufacturer's operating and maintenance instructions, conform to any express written warranty pertaining to the specific goods purchased, which for most Hach instruments is for a period of twelve (12) months from delivery. Hach warrants that services furnished hereunder will be free from defects in workmanship for a period of ninety (90) days from the completion of the services. Parts provided by Hach in the performance of services may be new or refurbished parts functioning equivalent to new parts. Any non-functioning parts that are repaired by Hach shall become the property of Hach. No warranties are extended to consumable items such as, without limitation, reagents, batteries, mercury cells, and light bulbs. **All other guarantees, warranties, conditions and representations, either express or implied, whether arising under any statute, law, commercial usage or otherwise, including implied warranties of merchantability and fitness for a particular purpose, are hereby excluded.** The sole remedy for Products not meeting this Limited Warranty is replacement, credit or refund of the purchase price. This remedy will not be deemed to have failed of its essential purpose so long as Hach is willing to provide such replacement, credit or refund.

8. **INDEMNIFICATION:** Indemnification applies to a party and to such party's successors-in-interest, assignees, affiliates, directors, officers, and employees ("Indemnified Parties"). Hach is responsible for and will defend, indemnify and hold harmless the Buyer Indemnified Parties against all losses, claims, expenses or damages which may result from accident, injury, damage, or death due to Hach's breach of the Limited Warranty. Buyer is responsible for and will defend, indemnify and hold harmless the Hach Indemnified Parties against all losses, claims, expenses or damages which may result from accident, injury, damage, or death due to negligence, misuse or misapplication of any goods or services, violations of law, or the breach of any provision of this Contract by the Buyer, its affiliates, or those employed by, controlled by or in privity with them. Buyer's workers' compensation immunity, if any, does not preclude or limit its indemnification obligations.

9. **PATENT PROTECTION:** Subject to all limitations of liability provided herein, Hach will, with respect to any Products of Hach's design or manufacture, indemnify Buyer from any and all damages and costs as finally determined by a court of competent jurisdiction in any suit for infringement of any U.S. patent (or European patent for Products that Hach sells to Buyer for end use in a member state of the E.U.) that has issued as of the delivery date, solely by reason of the sale or normal use of any Products sold to Buyer hereunder and from reasonable expenses incurred by Buyer in defense of such suit if Hach does not undertake the defense thereof, provided that Buyer promptly notifies



TERMS AND CONDITIONS OF SALE FOR HACH® PRODUCTS

Hach of such suit and offers Hach either (i) full and exclusive control of the defense of such suit when Products of Hach only are involved, or (ii) the right to participate in the defense of such suit when products other than those of Hach are also involved. Hach's warranty as to use patents only applies to infringement arising solely out of the inherent operation of the Products according to their applications as envisioned by Hach's specifications. In case the Products are in such suit held to constitute infringement and the use of the Products is enjoined, Hach will, at its own expense and at its option, either procure for Buyer the right to continue using such Products or replace them with non-infringing products, or modify them so they become non-infringing, or remove the Products and refund the purchase price (prorated for depreciation) and the transportation costs thereof. The foregoing states the entire liability of Hach for patent infringement by the Products. Further, to the same extent as set forth in Hach's above obligation to Buyer, Buyer agrees to defend, indemnify and hold harmless Hach for patent infringement related to (x) any goods manufactured to the Buyer's design, (y) services provided in accordance with the Buyer's instructions, or (z) Hach's Products when used in combination with any other devices, parts or software not provided by Hach hereunder.

10. **TRADEMARKS AND OTHER LABELS:** Buyer agrees not to remove or alter any indicia of manufacturing origin or patent numbers contained on or within the Products, including without limitation the serial numbers or trademarks on nameplates or cast, molded or machined components.

11. **SOFTWARE AND DATA.** All licenses to Hach's separately-provided software products are subject to the separate software license agreement(s) accompanying the software media and/or included as an Appendix to these Terms & Conditions of Sale. Except to the extent such express licenses conflict with the remainder of this paragraph, the following also applies relative to Hach's software: Hach grants Buyer only a personal, non-exclusive license to access and use the software provided by Hach with Products purchased hereunder solely as necessary for Buyer to enjoy the benefit of the Products. A portion of the software may contain or consist of open source software, which Buyer may use under the terms and conditions of the specific license under which the open source software is distributed. Buyer agrees that it will be bound by all such license agreements. Title to software remains with the applicable licensor(s). In connection with Buyer's use of Products, Hach may obtain, receive, or collect data or information, including data produced by the Products. In such cases, Buyer grants Hach a non-exclusive, worldwide, royalty-free, perpetual, non-revocable license to use, compile, distribute, display, store, process, reproduce, or create derivative works of such data, or to aggregate such data for use in an anonymous manner, solely to facilitate marketing, sales and R&D activities of Hach and its affiliates.

12. **PROPRIETARY INFORMATION; PRIVACY:** "Proprietary Information" means any information, technical data or know-how in whatever form, whether documented, contained in machine readable or physical components, mask works or artwork, or otherwise, which Hach considers proprietary, including but not limited to service and maintenance manuals. Buyer and its customers, employees and agents will keep confidential all such Proprietary Information obtained directly or indirectly from Hach and will not transfer or disclose it without Hach's prior written consent, or use it for the manufacture, procurement, servicing or calibration of Products or any similar products, or cause such products to be manufactured, serviced or calibrated by or procured from any other source, or reproduce or otherwise appropriate it. All such Proprietary Information remains Hach's property. No right or license is granted to Buyer or its customers, employees or agents, expressly or by implication, with respect to the Proprietary Information or any patent right or other proprietary right of Hach, except for the limited use licenses implied by law. Hach will manage Customer's information and personal data in accordance with its Privacy Policy, located at <http://www.hach.com/privacypolicy>.

13. **CHANGES AND ADDITIONAL CHARGES:** Hach reserves the right to make design changes or improvements to any products of the same general class as Products being delivered hereunder without liability or obligation to incorporate such changes or improvements to Products ordered by Buyer unless agreed upon in writing before the Products' delivery date. Services which must be performed as a result of any of the following conditions are subject to additional charges for labor, travel and parts: (a) equipment alterations not authorized in writing by Hach; (b) damage resulting from improper use or handling, accident, neglect, power surge, or operation in an environment or manner in which the instrument is not designed to operate or is not in accordance with Hach's operating manuals; (c) the use of parts or accessories not provided by Hach; (d) damage resulting from acts of war, terrorism or nature; (e) services outside standard business hours; (f) site

prework not complete per proposal; or (g) any repairs required to ensure equipment meets manufacturer's specifications upon activation of a service agreement.

14. **SITE ACCESS / PREPARATION / WORKER SAFETY / ENVIRONMENTAL COMPLIANCE:** In connection with services provided by Hach, Buyer agrees to permit prompt access to equipment. Buyer assumes full responsibility to back-up or otherwise protect its data against loss, damage or destruction before services are performed. Buyer is the operator and in full control of its premises, including those areas where Hach employees or contractors are performing service, repair and maintenance activities. Buyer will ensure that all necessary measures are taken for safety and security of working conditions, sites and installations during the performance of services. Buyer is the generator of any resulting wastes, including without limitation hazardous wastes. Buyer is solely responsible to arrange for the disposal of any wastes at its own expense. Buyer will, at its own expense, provide Hach employees and contractors working on Buyer's premises with all information and training required under applicable safety compliance regulations and Buyer's policies. If the instrument to be serviced is in a Confined Space, as that term is defined under OSHA regulations, Buyer is solely responsible to make it available to be serviced in an unconfined space. Hach service technicians will not work in Confined Spaces. In the event that a Buyer requires Hach employees or contractors to attend safety or compliance training programs provided by Buyer, Buyer will pay Hach the standard hourly rate and expense reimbursement for such training attended. The attendance at or completion of such training does not create or expand any warranty or obligation of Hach and does not serve to alter, amend, limit or supersede any part of this Contract.

15. **LIMITATIONS ON USE:** Buyer will not use any Products for any purpose other than those identified in Hach's catalogs and literature as intended uses. Unless Hach has advised the Buyer in writing, in no event will Buyer use any Products in drugs, food additives, food or cosmetics, or medical applications for humans or animals. In no event will Buyer use in any application any Product that requires FDA 510(k) clearance unless and only to the extent the Product has such clearance. Buyer will not sell, transfer, export or re-export any Hach Products or technology for use in activities which involve the design, development, production, use or stockpiling of nuclear, chemical or biological weapons or missiles, nor use Hach Products or technology in any facility which engages in activities relating to such weapons. Unless the "ship-to" address is in California, U.S.A., the Products are not intended for sale in California and may lack markings required by California Proposition 65; accordingly, unless Buyer has ordered Products specifying a California ship-to address, Buyer will not sell or deliver any Hach Products for use in California. Any warranty granted by Hach is void if any goods covered by such warranty are used for any purpose not permitted hereunder.

16. **EXPORT AND IMPORT LICENSES AND COMPLIANCE WITH LAWS:** Unless otherwise specified in this Contract, Buyer is responsible for obtaining any required export or import licenses. Buyer will comply with all laws and regulations applicable to the installation or use of all Products, including applicable import and export control laws and regulations of the U.S., E.U. and any other country having proper jurisdiction, and will obtain all necessary export licenses in connection with any subsequent export, re-export, transfer and use of all Products and technology delivered hereunder. Buyer will comply with all local, national, and other laws of all jurisdictions globally relating to anti-corruption, bribery, extortion, kickbacks, or similar matters which are applicable to Buyer's business activities in connection with this Contract, including but not limited to the U.S. Foreign Corrupt Practices Act of 1977, as amended (the "FCPA"). Buyer agrees that no payment of money or provision of anything of value will be offered, promised, paid or transferred, directly or indirectly, by any person or entity, to any government official, government employee, or employee of any company owned in part by a government, political party, political party official, or candidate for any government office or political party office to induce such organizations or persons to use their authority or influence to obtain or retain an improper business advantage for Buyer or for Hach, or which otherwise constitute or have the purpose or effect of public or commercial bribery, acceptance of or acquiescence in extortion, kickbacks or other unlawful or improper means of obtaining business or any improper advantage, with respect to any of Buyer's activities related to this Contract. Hach asks Buyer to "Speak Up!" if aware of any violation of law, regulation or our Standards of Conduct ("SOC") in relation to this Contract. See <http://danaher.com/integrity-and-compliance> and www.danaherintegrity.com for a copy of the SOC and for access to our Helpline portal.

17. **RELATIONSHIP OF PARTIES:** Buyer is not an agent or representative of Hach and will not present itself as such under any circumstances unless and to

TERMS AND CONDITIONS OF SALE FOR HACH® PRODUCTS

the extent it has been formally screened by Hach's compliance department and received a separate duly-authorized letter from Hach setting forth the scope and limitations of such authorization.

18. **FORCE MAJEURE:** Hach is excused from performance of its obligations under this Contract to the extent caused by acts or omissions that are beyond its control of, including but not limited to Government embargoes, blockages, seizures or freeze of assets, delays or refusals to grant an export or import license or the suspension or revocation thereof, or any other acts of any Government; fires, floods, severe weather conditions, or any other acts of God; quarantines; labor strikes or lockouts; riots; strife; insurrections; civil disobedience or acts of criminals or terrorists; war; material shortages or delays in deliveries to Hach by third parties. In the event of the existence of any force majeure circumstances, the period of time for delivery, payment terms and payments under any letters of credit will be extended for a period of time equal to the period of delay. If the force majeure circumstances extend for six months, Hach may, at its option, terminate this Contract without penalty and without being deemed in default or in breach thereof.

19. **NON ASSIGNMENT AND WAIVER:** Buyer will not transfer or assign this Contract or any rights or interests hereunder without Hach's prior written consent. Failure of either party to insist upon strict performance of any provision of this Contract, or to exercise any right or privilege contained herein, or the waiver of any breach of the terms or conditions of this Contract will not be construed as thereafter waiving any such terms, conditions, rights, or privileges, and the same will continue and remain in force and effect as if no waiver had occurred.

20. **FUNDS TRANSFERS (PAYMENTS):** Buyer and Hach both recognize that there is a risk of banking fraud when individuals impersonating a business demand payment under new banking or mailing instructions. To avoid this risk, Buyer must verbally confirm any new or changed bank transfer or mailing instructions by calling Hach at +1-970-663-1377 and speaking with Hach's Credit Manager before mailing or transferring any monies using the new instructions. Both parties agree that they will not institute mailing or bank transfer instruction changes and require immediate payment under the new instructions but will instead provide a ten (10) day grace period to verify any payment instruction changes before any new or outstanding payments are due using the new instructions.

21. **LIMITATION OF LIABILITY:** None of the Hach Indemnified Parties will be liable to Buyer under any circumstances for any special, treble, incidental or consequential damages, including without limitation, damage to or loss of property other than for the Products purchased hereunder; damages incurred in installation, repair or replacement; lost profits, revenue or opportunity; loss of use; losses resulting from or related to downtime of the products or inaccurate measurements or reporting; the cost of substitute products; or claims of Buyer's customers for such damages, howsoever caused, and whether based on warranty, contract, and/or tort (including negligence, strict liability or otherwise). The total liability of the Hach Indemnified Parties arising out of the performance or nonperformance hereunder or Hach's obligations in connection with the design, manufacture, sale, delivery, and/or use of Products will in no circumstance exceed in the aggregate a sum equal to twice the amount actually paid to Hach for Products delivered hereunder.

22. **APPLICABLE LAW AND DISPUTE RESOLUTION:** The construction, interpretation and performance hereof and all transactions hereunder shall be governed by the laws of the State of Colorado, without regard to its principles or laws regarding conflicts of laws. If any provision of this Contract violates any Federal, State or local statutes or regulations of any countries having jurisdiction of this transaction, or is illegal for any reason, said provision shall be self-deleting without affecting the validity of the remaining provisions. Unless otherwise specifically agreed upon in writing between Hach and Buyer, any dispute relating to this Contract which is not resolved by the parties shall be adjudicated in order of preference by a court of competent jurisdiction (i) in the State of Colorado, U.S.A. if Buyer has minimum contacts with Colorado and the U.S., (ii) elsewhere in the U.S. if Buyer has minimum contacts with the U.S. but not Colorado, or (iii) in a neutral location if Buyer does not have minimum contacts with the United States.

23. **ENTIRE AGREEMENT & MODIFICATION:** These Terms & Conditions of Sale constitute the entire agreement between the parties and supersede any prior agreements or representations, whether oral or written. No change to or modification of these Terms & Conditions shall be binding upon Hach unless in a written instrument specifically referencing that it is amending these Terms & Conditions of Sale and signed by an authorized representative of Hach. Hach

rejects any additional or inconsistent Terms & Conditions of Sale offered by Buyer at any time, whether or not such terms or conditions materially alter the Terms & Conditions herein and irrespective of Hach's acceptance of Buyer's order for the described goods and services.

24. **APPENDICES:** If checked, the following Appendices are attached hereto and incorporated by reference into these Terms & Conditions of Sale:

CLAROS SOFTWARE AS A SERVICE SUBSCRIPTION AGREEMENT

* * *

NITRATAX™ sc UV Nitrate Sensors

Nitrate

Features and Benefits

UV Analysis—Eliminates Reagents, Sampling, and Sample Conditioning

Using advanced ultraviolet (UV) absorption technology, Hach NITRATAX sc UV Nitrate Sensors offer unprecedented simplicity, accuracy, and economy in nitrate analysis. By continuously measuring the UV light absorbed by nitrates, NITRATAX sc sensors eliminate the need for reagents, sample conditioning, and frequent calibrations.

UV Absorption Method— Proven, Continuous, Precise

NITRATAX sc sensors rely on the principle that molecular bonds absorb ultraviolet (UV) light—in this case, nitrate (NO_3) and nitrite (NO_2) absorb UV light. As the concentration of nitrate or nitrite increases, UV absorption also increases. A built-in photometer measures the primary beam, while a second beam of UV light provides a reference standard and corrects for interference caused by turbidity and organic matter. Results are reported on the controller unit's alphanumeric display in mg/L of nitrate (NO_3) or nitrate-nitrogen ($\text{NO}_3\text{-N}$).

Choice of Three Models

NITRATAX plus sc—Process sensor for continuous measurement in drinking water, wastewater, or activated sludge. Turbidity compensation using reference measurement.

NITRATAX eco sc—Low cost sensor for measurement, especially for sewage treatment plants with intermittent aeration technology. Turbidity compensation using reference measurement.

NITRATAX clear sc—Process sensor for continuous measurement in clean water such as drinking water or wastewater effluent.

Self-Cleaning Sensor

With the sensor submerged in the sample stream, the detector windows are automatically cleaned by a built-in wiper that eliminates surface films or particles that can diminish accuracy.

Optional Bypass Panel

An optional Bypass Panel—or flow-through sample cell—is available for clean water applications when direct immersion in a sample stream is impractical. The Bypass Panel uses the same probes as the immersion sensors for greater flexibility.

Applications

Hach NITRATAX sc sensors are the ideal choice to ensure consistent water quality, keep discharge waters clean, comply with regulatory requirements, and safeguard the environment.



Sophisticated, yet simple, technology means the Hach NITRATAX sc UV Nitrate Sensors require little maintenance and offers remarkably low cost of operation.

DW

WW

IW

E

Wastewater—Monitor influent, effluent, and aeration basin water. Control methanol feed and/or mixed liquor recycle denitrification process to minimize costs.

Drinking Water—Monitor nitrate levels in both influent and effluent streams before and after the disinfection process.

Agriculture—Measure and control nitrate discharges into rivers, lakes, wetlands, and other natural bodies of water.

Full-Featured “Plug and Play” Hach sc Digital Controllers

There are no complicated wiring or set up procedures with any Hach sc controller. Just plug in any combination of Hach digital sensors and it's ready to use—it's “plug and play.”

One or multiple sensors—The sc controller family allows you to receive data from up to eight Hach digital sensors in any combination using a single controller.

Communications—Multiple alarm/control schemes are available using the relays and PID control outputs. Available communications include analog 4-20 mA, digital MODBUS® (RS485 and RS232) or Profibus DP protocols. (Other digital protocols are available. Contact your Hach representative for details.)

Data logger—A built-in data logger collects measurement data, calibration, verification points, and alarm history.

DW = drinking water WW = wastewater municipal PW = pure water / power
IW = industrial water E = environmental C = collections FB = food and beverage



Be Right™

Specifications*

	NITRATAX plus sc	NITRATAX eco sc	NITRATAX clear sc
Measuring Principal	Reagent-free UV absorption		
Measuring Gap/Path Length	1, 2, and 5 mm	1 mm	5 mm
Measuring Range	0.1 to 100.0 mg/L NO ₂₊₃ -N (1 mm) 0.1 to 50.0 mg/L NO ₂₊₃ -N (2 mm) 0.1 to 25.0 mg/L NO ₂₊₃ -N (5 mm)	1.0 to 20.0 mg/L NO ₂₊₃ -N (1 mm)	0.5 to 20.0 mg/L NO ₂₊₃ -N (5 mm)
Detection Limits	0.1 to 100 mg/L NO ₃ -N	1.0 to 20 mg/L NO ₃ -N	0.5 to 20 mg/L NO ₃ -N
Accuracy	±3% of reading or ±0.5 mg/L, whichever is greater	±5% of reading or ±1.0 mg/L, whichever is greater	±5% of reading or ±0.5 mg/L, whichever is greater
Resolution	0.1 mg/L	0.5 mg/L	0.1 mg/L
Sludge Compensation	Yes	Yes	—
Measurement Interval	1 minute	5 minutes	5 minutes
Response Time (T100)	1 minute	15 minutes	5 minutes
Available with Bypass	Yes	No	Yes
Sensor Construction			Stainless Steel 1.4581
Enclosure	Stainless Steel 1.4571		
Wiper Axle	Stainless Steel 1.4104	Stainless Steel 1.4571	
Wiper	Silicon		
Measuring Window	Quartz Glass		
Functional Verification	Using standard solutions		
Service Intervals	6 months or as experience dictates		
Maintenance Required (typical)	1 hour/month	2 hours/month	1 hour/month
Operating Temperature	2 to 40°C (36 to 104°F)		
Operating Pressure	0.5 bar (7.2 psi), maximum		
Cable Length	10 m (32.8 ft.)		
Dimensions (approximate)	33.3 x 7.0 cm (13.1 x 2.8 in.)	32.3 x 7.5 cm (12.7 x 3.0 in.)	32.7 x 7.5 cm (12.7 x 3.0 in.)

*Specifications subject to change without notice.

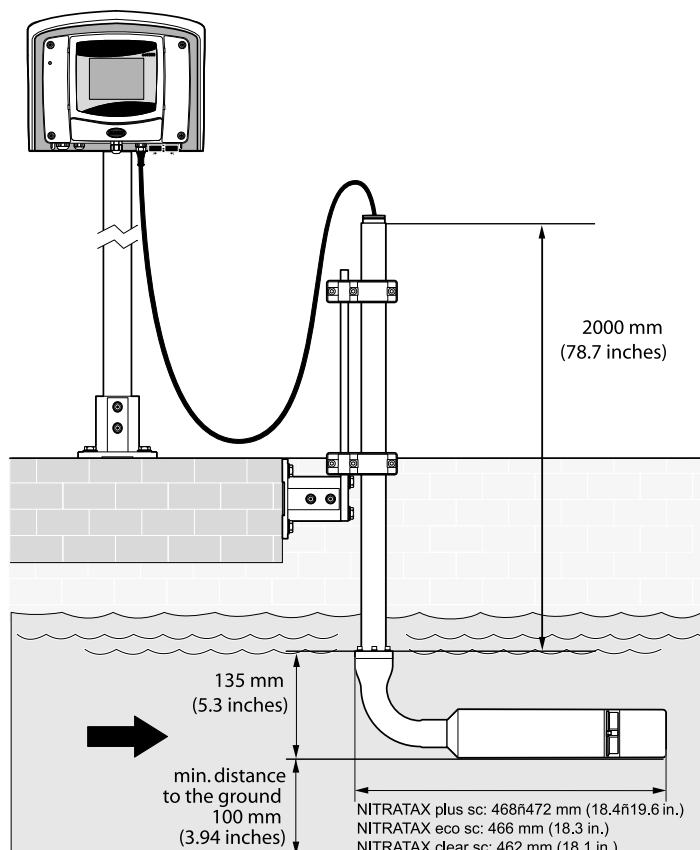
Hach NITRATAX sc UV Nitrate Sensors use UV light absorption to assess the sum of nitrates and nitrites in aqueous sample streams.

A stainless-steel sensor immersed directly in the sample stream, provide continuous readings at exceptionally low operating cost.

- Two UV light wavelengths provide precise readings, compensating for solids and turbidity.
- With the sensor submerged in the sample stream, the detector windows are automatically cleaned by a built-in wiper, eliminating surface films or particles that can diminish accuracy.

Installation Dimensions

Installation for mounting NITRATAX sc using Fixed Point Installation Kit (LZX414.00.10000).



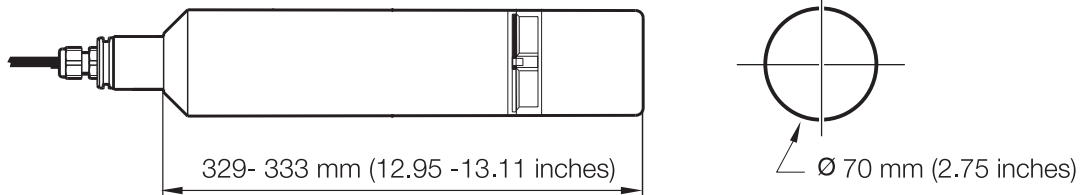
Engineering Specifications

1. The nitrate sensor shall be a continuous-reading sensor that utilizes a 2-beam ultra-violet absorption technology with a 1, 2, or 5 mm path length.
2. The measurement range shall be 0.1 to 100 mg/L $\text{NO}_2\text{-N}$ + $\text{NO}_3\text{-N}$, depending on model.
3. The measurement interval shall be user-selectable from 1 to 30 minutes (unit dependent) with the ability to average up to 12 signals depending upon unit selected.
4. The sensor shall compensate for the interference effects of turbidity and organic contamination.
5. The sensor shall provide reagent-free operation without the requirements of sample conditioning.
6. The sensor shall be self-cleaning via a wiper and retain a life-long factory calibration.
7. The sensor shall be warranted for one full year against defects in material and workmanship.
8. The sensor shall be the NITRATAX plus sc, NITRATAX eco sc, or NITRATAX clear sc UV Nitrate Sensor for nitrate measurement, manufactured by Hach Company.

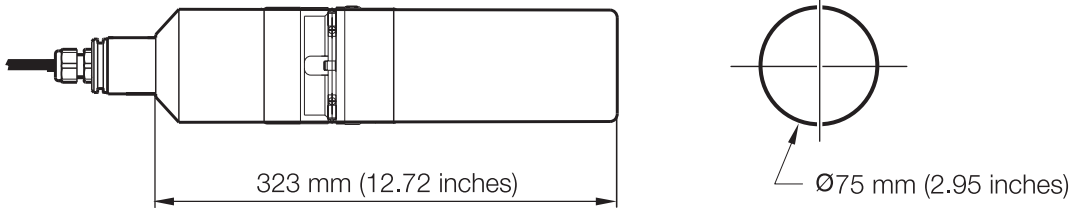
Sensor and Bypass Panel Dimensions

Hach NITRATAX sc UV Nitrate Sensors can be installed using a fixed-point installation kit. With the cable supplied, the sensor can be used in a sample stream within 10 meters (32.8 feet) of the controller.

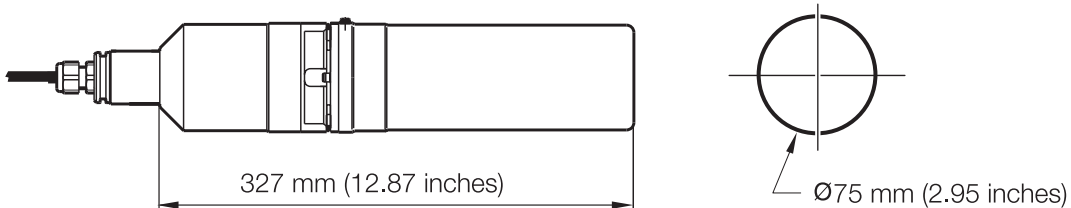
NITRATAX plus sc



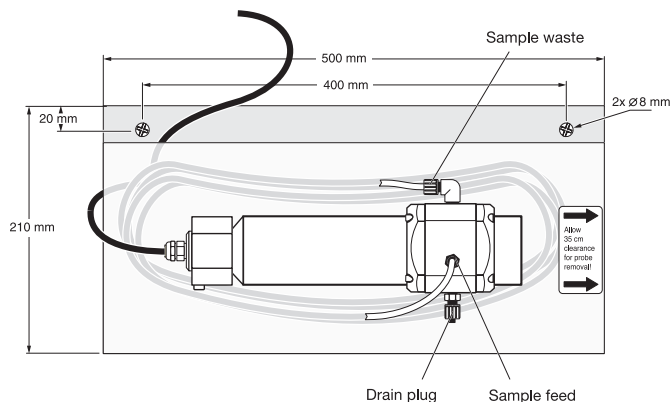
NITRATAX eco sc



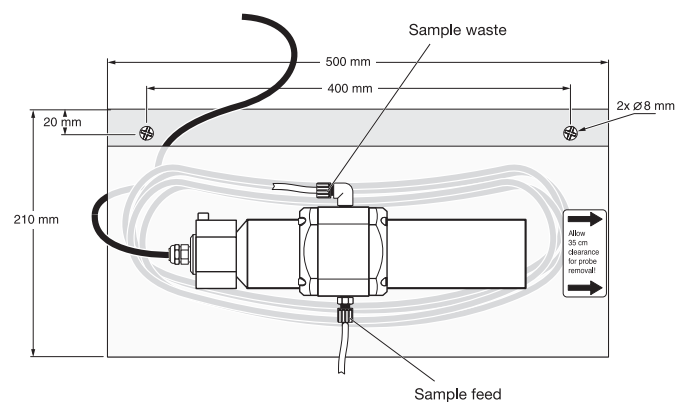
NITRATAX clear sc



NITRATAX plus sc Bypass Panel



NITRATAX clear sc Bypass Panel



Ordering Information

Sensor Selection

NITRATAX plus sc NITRATAX eco sc NITRATAX clear sc

Wastewater Application

Anoxic Zone	X	-	-
Aeration Tank	X	●	-
Plant Effluent	X	-	X
Sequencing Bath Reactor (SBR)	X	X	-
Cascade	X	●	-

Drinking Water Application

Influent Monitoring	X	-	X
Water Blending	X	-	X
Denitrification Process	X	-	X
Outlet/Quality Control	X	-	X
Bypass/Flowthrough Cell	X	-	X

X = suitable ● = of limited suitability

NITRATAX sc

UV Nitrate Analyzer Systems

2984000	NITRATAX plus sc system includes sensor with 2 mm path length, mounting hardware, and sc200 controller
2984100	NITRATAX plus sc system includes flow-through cell sensor with 2 mm path length, mounting hardware, and sc200 controller.
2984200	NITRATAX eco sc system includes sensor with 1 mm path length, mounting hardware, and sc200 controller
2984300	NITRATAX clear sc system includes sensor with 5 mm path length, mounting hardware, and sc200 controller
2984400	NITRATAX clear sc system includes flow through cell sensor with 5 mm path length, mounting hardware, and sc200 controller

Individual NITRATAX sc

UV Nitrate Sensors

All sensors are equipped with 10 m (32.8 ft.) cable.

LXV417.99.10002

NITRATAX plus sc sensor, 1 mm path length

LXV417.99.20002

NITRATAX plus sc sensor, 2 mm path length

LXV417.99.50002

NITRATAX plus sc sensor, 5 mm path length

LXV420.99.50002

NITRATAX clear sc sensor, 5 mm path length

LXV415.99.10002

NITRATAX eco sc sensor, 1 mm path length

Accessories

LZX414.00.10000

Mounting hardware for sensor

LZX869

Flow-through cell for NITRATAX plus sc-sensors, 2 mm path length

LZX867

Flow-through cell for NITRATAX plus sc-sensors, 5 mm path length

LZX866

Flow-through cell for NITRATAX clear sc-sensors, 5 mm path length

LCW828

Calibration standard 25 mg/L NO₃ (5.56 mg/L NO₃-N)

LCW825

Calibration standard 50 mg/L NO₃ (11.3 mg/L NO₃-N)

LCW826

Calibration standard 100 mg/L NO₃ (22.6 mg/L NO₃-N)

LCW827

Calibration standard 200 mg/L NO₃ (45.2 mg/L NO₃-N)

LCW863

Calibration standard 400 mg/L NO₃ (90.4 mg/L NO₃-N)

LZX148

Spare wiper blades for 1 mm Nitratex, pk/5

LZX012

Spare wiper blades for 2 mm Nitratex, pk/5

LZX117

Spare wiper blades for 5 mm Nitratex, pk/5

Cable Accessories

5867000 Junction box for extension cables

5796000 Extension cable, 7.6 m (25 ft.)

5796100 Extension cable, 15.2 m (50 ft.)

5796200 Extension cable, 30.5 m (100 ft.)

At Hach, it's about learning from our customers and providing the right answers. It's more than ensuring the quality of water—it's about ensuring the quality of life. When it comes to the things that touch our lives...

Keep it pure.

Make it simple.

Be right.

For current price information, technical support, and ordering assistance, contact the Hach office or distributor serving your area.

In the United States, contact:

HACH COMPANY World Headquarters
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In the interest of improving and updating its equipment, Hach Company reserves the right to alter specifications to equipment at any time.



Be Right™

SC1000 MULTI-PARAMETER UNIVERSAL CONTROLLER

Applications

- Wastewater
- Drinking Water
- Power
- Industrial Water



A fully modular system consisting of a display module and one or more probe modules.

More Confidence in Your Instrument's Performance

Available exclusively on the SC1000 controller, Prognosys predictive diagnostics uses patented multivariable diagnostic software to read multiple inputs from your instrument and alert you to the instrument's overall performance. An easy-to-read dashboard provides instant indication of measurement reliability and service requirements.

Plug and Play Operation

There's no complicated wiring or set up procedures with the SC1000 controller. Plug any Hach digital sensor into a Probe Module and it's ready for use. No special ordering or software configuration is needed.

Communication Options to Fit Any Application Need

The SC1000 controller features state-of-the-art Modbus TCP/IP communications protocol for seamless integration into a network of devices that support TCP/IP sockets. Use a standard Ethernet cable or connect wirelessly using GSM/GPRS to communicate with your SCADA, PLC or other network. The SC1000 also offers up to 12 analog outputs for measured values and up to 12 analog or digital values from non-digital sensors.

Expandable and Upgradable

The SC1000 controller can adapt to your needs. Add or change probes without having to change the controller. Plus, with a single Display Module, additional Probe Modules and associated sensors can be added or removed depending on operational needs. Fully upgradable software ensures that this system will not be obsolete. Hach service plans are available.

Technical Data*

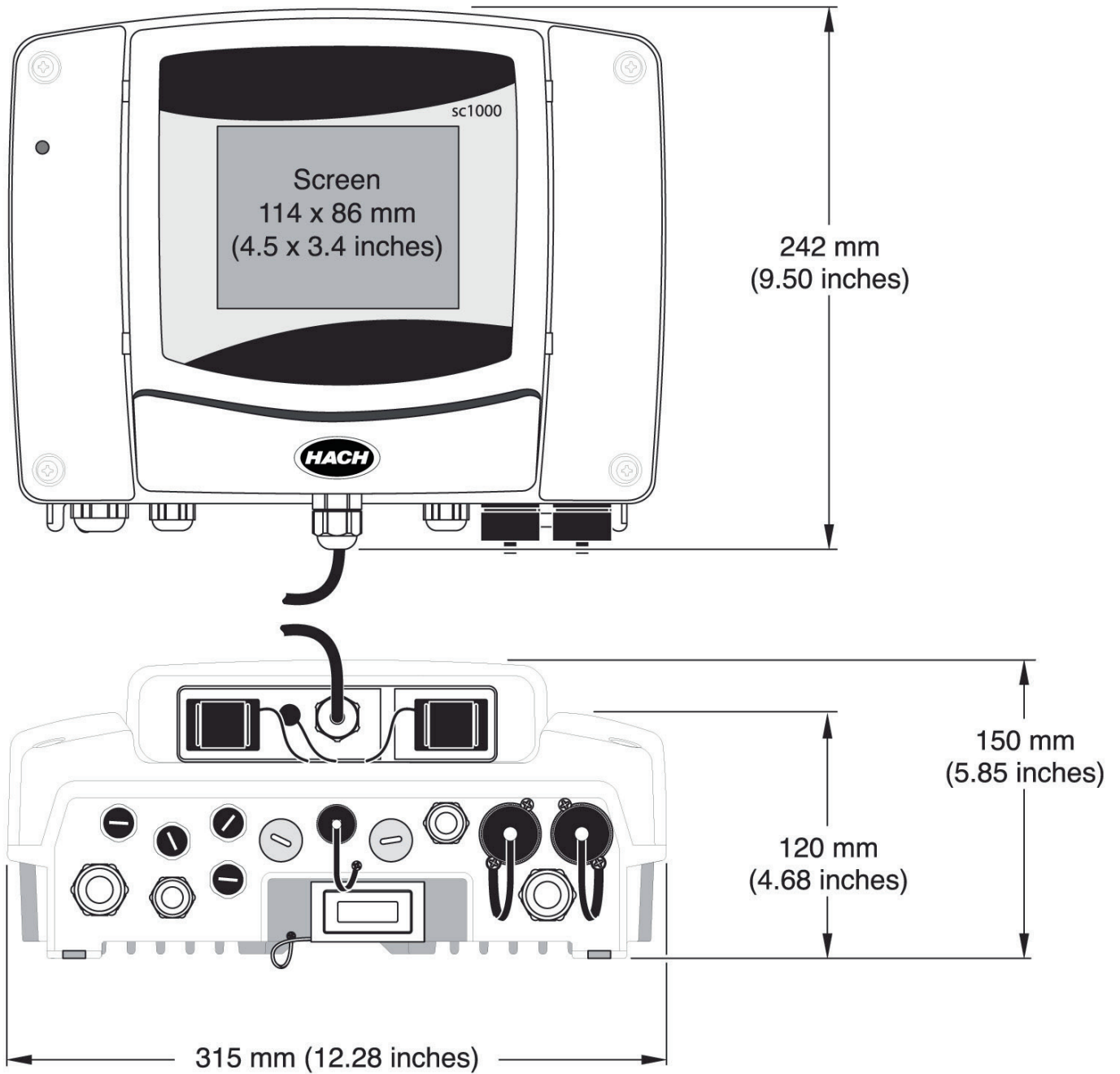
Operating Temperature Range	-20 to 55 °C (-4 to 131 °F), 0 to 95% relative humidity, non-condensing
Storage Conditions	-20 to 70 °C (-4 to 158 °F), 0 to 95% relative humidity, non-condensing
Power Requirements (Voltage)	100 - 240 V AC, 24 V DC
Power Requirements (Hz)	50/60 Hz
Display	¼ inch VGA graphical backlit TFT color Glas/Glas-Touch screen, high resistance 320 x 240 pixels
Display Viewing Area	11.4 x 8.6 cm (4.5 x 3.4 in)
Alarm	Low alarm point, low alarm point deadband, high alarm point, high alarm point deadband, off delay, and on delay
Relays	Up to four SPDT, user-configurable contacts rated 100 to 230 VAC, 5 Amp resistive maximum per probe module. Additional relays are available with additional probe modules.
Inputs	Up to 12 analogue 0-20 mA, maximum impedance 500 Ohms per probe module. Additional inputs are available with additional probe modules.
Output	Up to 12 analogue 0/4-20 mA, maximum impedance 500 Ohms per probe module. Additional analogue outputs with additional probe modules. Optional digital communications via Modbus (RS485) and Profibus DP/V1.
Analog Output Functional Mode	PID, high/low phasing, setpoint, deadband, overfeed timer, off delay, on delay

Communication	Modbus® (RS485): Advanced communications/networking with PLC or SCADA system directly from analyzer Profibus® DP/V1 (certified) GSM/GPRS Quad-band cellular module (FCC and IC approved, EU and US only) Ethernet service port, RJ45, 10 MB/s
Mounting Configurations	Surface, panel, and pipe (horizontal and vertical) with optional sun shield
Enclosure Rating	IP65
Material Enclosures	ABS (display module) and metal (probe module) enclosure with corrosion resistant finish
Dimensions (H x W x D)	150 mm x 315 mm x 250 mm
Certifications	European Certifications: CE per 73/23/EEC and 89/336/EEC TUV-GS to EN 61010-1 EN 61326 Amd's 1 & 2
Weight	Approximately 14.33 lbs. (6.5 kg) (depending on configuration)

**Subject to change without notice.*

Dimensions

The SC1000 controller unit can be installed on a pole, wall, or a floor stand.
No tools are needed to connect the controller unit to any Hach digital sensor.



Order Information

SC1000 Display Modules

- LXV402.99.00002** SC1000 Display Module
LXV402.99.01002 SC1000 Display Module with GSM
LXV402.99.10002 SC1000 Display Module with Modbus® TCP/IP Protocol
LXV402.99.12002 SC1000 Display Module with Modbus® TCP/IP and GSM/GPRS Protocols

SC1000 Probe Modules

- LXV400.99.1R572** SC1000 Probe Module, 4 Sensors, 4x 4-20mA Out, 4x 4-20mA In, 4x Relays, 100-240 V AC with Conduits
LXV400.99.1B572 SC1000 Probe Module, 4 Sensors, 4x 4-20mA Out, 4x 4-20mA In, Modbus® RS485, 4x Relays, 100-240 V AC with Conduits
LXV400.99.1F572 SC1000 Probe Module, 4 Sensors, 4x 4-20mA Out, 4x 4-20mA In, Profibus® DP, 4x Relays, 100-240 V AC with Conduits
LXV400.99.1R582 SC1000 Probe Module, 6 Sensors, 4x 4-20mA Out, 4x 4-20mA In, 4x Relays, 100-240 V AC with Conduits
LXV400.99.1H082 SC1000 Probe Module, 6 Sensors, Prognosys, Modbus® RS485, 100-240 V AC with Conduits
LXV400.99.1G082 SC1000 Probe Module, 6 Sensors, Prognosys, 100-240 V AC with Conduits

*Note: Additional Probe Module configurations are available.
Please contact your local Hach representative.*

Network and Communication Cards

- YAB021** SC1000 Internal Modbus® RS485 Card
YAB020 SC1000 Internal Profibus® DP Card
YAB076 SC1000 Internal Relay Card
YAB018 SC1000 Internal 0/4-20 mA Analog/Digital Inputs Card
YAB019 SC1000 Internal 0/4-20 mA Analog/Digital Outputs Card

Accessories

- 6169900** SC1000 Panel mount kit
LZX958 SC1000 Sun shield
LZY598 Modbus® TCP/IP License kit for field upgrade (Display Module serial number required when ordering)
LZY488 SC1000 Bus cable for flexible installations (order per foot)
LZY489 SC1000 Bus cable for fixed installations (order per foot)
5448800 North American power cord kit with strain relief, 125 V
5448900 European power cord kit with strain relief, 230 V



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In the interest of improving and updating its equipment, Hach Company reserves the right to alter specifications to equipment at any time.



Memo



To: Honorable Board of Directors
From: Greg B. Galindo, General Manager
Date: April 24, 2020
Re: Main San Gabriel Basin Watermaster Baldwin Park Operable Unit Insurance Policy Renewal

Background

As the Board is aware, the District was a party to the 2002 Baldwin Park Operable Unit Project (BPOU) Agreement (2002 Agreement), which had a fifteen year term. The parties to the 2002 Agreement include the Main San Gabriel Basin Watermaster, the San Gabriel Basin Water Quality Authority, La Puente Valley County Water District, San Gabriel Valley Water Company, Suburban Water Systems, California Domestic Water Company and Valley County Water District, collectively, the “Water Entities,” and Aerojet-General Corporation, Azusa Land Reclamation Co., Inc., Fairchild Holding Corporation, Hartwell Corporation, Huffey Corporation, Oil & Solvent Process Company, Reichhold, Inc., and Wynn Oil Company, collectively, the “Cooperating Respondents.” Before the conclusion of the 2002 Agreement the remaining parties to the 2002 Agreement negotiated and agreed to enter into a new agreement, in May of 2017, known as the 2017 BPOU Project Agreement. The 2017 BPOU Agreement has a term of ten years. Article 5 of the 2017 Agreement includes provisions for insurance of the BPOU Project that is to be procured by the Cooperating Respondents.

Discussion

The original insurance policy acquired under the 2017 BPOU Agreement was a three year policy providing coverage, commencing from May 2017 and expiring in early May 2020. This insurance program provides two parallel portions of coverage for the BPOU Water Entities and Cooperating Respondents. One portion protects against pollution contractors liability (PCL), which includes bodily injury and property damage for operating the treatment plants, and the other that protects against liability for serving the water supplied by those plants (products liability coverage). Through a variety of primary and excess carriers, the parties effectively had \$40 million in total coverage for the PCL coverage and \$30 million in total coverage for the products liability coverage, of which \$10 million was primary coverage in each portion. With these policies expiring, the parties obtained quotes for replacement coverage which will modify that coverage in the following ways:

- Add \$5 million in primary coverage to the PCL policy;
- Add \$5 million in excess coverage to both the PCL and Products Liability;
- Remove the lead exclusion from all coverages;
- Add an exclusion for PFAS to the Products Liability coverage and all excess coverages (but not to the primary PCL coverage) [note that with the current prevalence of PFAS nationwide, such an exclusion is now commonplace and unavoidable]; and

- All new policies are for a 3-year term, except the first \$10 million in Products Liability coverage and the initial \$10 million excess above PCL coverage are 1 year terms, which will auto-renew unless there is a claim against those policies.

District Counsel and the other BPOU Parties (i.e., both the Water Entities and Cooperating Respondents) have reviewed the proposed policies and there is consensus that the proposed policies are the best available on the market at this time that provide the coverage required by the 2017 BPOU Agreement.

At the upcoming Board meeting the District's General Counsel will provide some additional information pertinent to this item to assist the Board in its consideration of the recommended action.

Recommendation

Staff recommends the Board approve the renewal of the Insurance Policies for the BPOU Project.

Respectfully Submitted,

Greg B. Galindo

Greg B. Galindo
General Manager

Memo



To: Honorable Board of Directors
From: Paul Zampielo, Operations & Maintenance Superintendent
Date: April 27, 2020
Re: Operations & Compliance Report – March 2020

The following report summarizes La Puente Valley County Water District (LPVCWD) and City of Industry Waterworks System (CIWS) operational and compliance activities for the month of March 2020. The report also includes the status of various projects for each system.

COVID-19 RESPONSE

In response to the COVID-19 Pandemic the regular schedule for the field staff was modified in March to better institute the required social distancing protocols. The scheduling allows for employees to work for the most part independently. When working together (e.g., leak repair activities) they are required to follow social distancing protocols as best they can and are required to wear face coverings when working together or if they may be in close proximity of the public. Procedures for cleaning and disinfecting work areas are also in place. To date the modified schedule has worked well with all essential duties being performed as expected.

DISTRIBUTION, SUPPLY AND PRODUCTION

- Monthly Water Production Summary – Total production from the LPVCWD Wellfield for the month of March was 320.56 AF, of which, 220.62 AF was delivered to Suburban Water Systems. CIWS Well No. 5 produced a total of 80.30 AF in the month of March. The Monthly Production Report is provided as *Attachment 1*.
- Well Water Levels and Pumping Rates – The latest static water level, pumping water level and pumping rate for LPVCWD and CIWS are as shown in the table below.

Well	Static Water Level (Ft)	Pumping Water Level (Ft)	Drawdown (Ft)	Current GPM Pumping Rate	Specific Capacity
LPVCWD 2	144	197	53	1423	26.8
LPVCWD 3	140	150	10	1022	102.2
LPVCWD 5	132.5	174.5	42	2432	57.9
COI 5	99.5	116	16.5	1345	81.5

- Monthly Water Conservation – A summary of LPVCWD and CIWS water systems usage for the past 6 months as compared to calendar year 2013 is shown below.

LPVCWD Monthly Water Consumption

Month	2013	2019-20	Difference Current-2013 (%)	Accumulative Difference (%)
October	133.13	98.39	-26.1%	-26.09%
November	115.58	109	-5.7%	-16.61%
December	112.08	111.01	-1.0%	-11.75%
January	135.08	99.91	-26.0%	-15.64%
February	112.08	111.01	-1.0%	-12.93%
March	135.08	99.91	-26.0%	-15.32%

CIWS Monthly Water Consumption

Month	2013	2019-20	Difference Current-2013 (%)	Accumulative Difference (%)
October	99.84	81	-18.9%	-18.87%
November	90.55	83.51	-7.8%	-13.59%
December	81.62	88.04	7.9%	-7.15%
January	99.4	80.3	-19.2%	-10.38%
February	81.62	88.04	7.9%	-7.09%
March	99.4	80.30	-19.2%	-9.28%

WATER QUALITY / COMPLIANCE

- Distribution System Monitoring – District Staff collected all required water quality samples from the distribution system for the month of March; approximately 45 samples were collected. All results met State and Federal drinking water quality regulations.
- Source Monitoring – All water quality samples were collected from all the wells, as required. The table below summarizes LPVCWD’s wells current water quality for constituents of concern.

Well Sampled	1,1 DCE	TCE	PCE	Perchlorate	1,4- Dioxane	NDMA	Nitrate
	MCL= 6 ppb	MCL= 5 ppb	MCL= 5 ppb	MCL=6 ppb	NL= 1 ppb	NL= 10 ppt	MCL=10 ppm
LPVCWD 2	ND	40	2.4	24	0.96	71	6.8
LPVCWD 3	ND	3	ND	8.7	ND	4.5	8.2
LPVCWD 5	ND	ND	ND	11	ND	15	8.3

**Wells 2 & 3 were sampled on February 2, 2020*

CAPITAL / OTHER PROJECTS

1. LPVCWD Recycled Water Project
 - W.A. Rasic started construction activities on March 31, 2019. Staff has been on site with the contractor to oversee and inspect the contractors work. Although the project had six days of rain delays, the project is still on schedule.
 - To date the contractor has installed:
 - 1000 feet of 12-inch pipe
 - 950 feet of 4-inch pipe
 - 850 feet of 6-inch pipe
2. LPVCWD PVOU IZ Project and SZ-South Project
 - Brkich Construction continued with installation of two 12” CMLC piping for plant effluent and continued installation of 4"x8" and 14"x18" DC HDPE influent pipes along Stafford Street.
 - Recent construction activity of the IZ plant includes the installation of the UV equipment on the foundations, performed excavation for the booster pump foundation and installed valves at the multimedia vessels.
3. Well No. 5 and Well No. 2 Testing – District staff is working to prepare a DDW permit amendment request for the District’s groundwater treatment facility to utilize Wells No. 5 and No. 2 simultaneously. District staff is currently conducting a week long test with these wells to compile the necessary water quality and operational data to support the permit amendment request.
4. LPVCWD Nitrate Treatment Project
 - Geosyntec has completed the Groundwater Nitrate Treatment System Technical Memorandum (TM) and the TM has distributed the TM to all Stakeholders.
 - District staff has initiated the design work with Evoqua on the Nitrate Treatment System.
 - District staff met with the Board’s Nitrate Treatment Ad Hoc Committee on April 23rd to discuss the draft proposal from Geosyntec Consultants for professional engineering services for the Nitrate Treatment Project. A final proposal should be provided to the Board for consideration at the next Board meeting.

DEVELOPMENT PROJECTS

1. LPVCWD: 15817 San Jose – In March, Staff installed an upgraded 1” water service for single home residential development project.
2. LPVCWD: 333 Hacienda Blvd. (Old Kmart) – Staff prepared a cost estimated letter for a proposed new water service construction to support a proposed industrial warehouse building requiring (2) two 2-inch meters and (2) 10-inch fire service.
3. CWIS: 14241 & 14245 Proctor Ave. – Staff prepared a cost estimated letter for a proposed commercial building project requiring one (1) 2-inch domestic water service and one (1) 6-inch fire service.

La Puente Valley County Water District

PRODUCTION REPORT - MARCH 2020

LPVCWD PRODUCTION	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2020 YTD	2019
Well No. 2	194.96	19.17	6.01										220.14	1986.13
Well No. 3	135.90	13.82	4.25										153.96	1405.41
Well No. 5	2.09	274.10	307.61										583.80	424.99
Interconnections to LPVCWD	2.24	1.23	2.69										6.16	139.67
Subtotal	335.19	308.32	320.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	964.07	3956.21
Interconnections to SWS	222.04	196.75	220.62										639.42	2229.53
Interconnections to COI	4.15	0.56	0.03										4.74	148.10
Interconnections to Others	0.00	0.00	0.00										0.00	0.00
Subtotal	226.19	197.31	220.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	644.16	2377.63
Total Production for LPVCWD	109.00	111.01	99.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	319.91	1578.58
CIWS PRODUCTION														
COI Well No. 5 To SGVCW B5	81.94	152.20	165.92										400.06	1288.69
Interconnections to CIWS														
SGVWC Salt Lake Ave	0.51	0.58	0.56										1.65	10.62
SGVWC Lomas Ave	81.07	88.10	82.33										251.50	1222.84
SGVWC Workman Mill Rd	0.02	0.03	0.07										0.12	0.65
Interconnections from LPVCWD	4.15	0.56	0.03										4.74	148.10
Subtotal	85.75	89.27	82.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	258.01	1382.21
Interconnections to LPVCWD	2.24	1.23	2.69										6.16	139.67
Total Production for CIWS	83.51	88.04	80.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	251.85	1242.54

Lagerlof, LLP

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William F. Kruse
E-MAIL: WFKRUSE@lagerlof.com

MEMORANDUM

To: Los Angeles County Independent Special Districts
From: William F. Kruse, Special Counsel
Date: APRIL 20, 2020
Subject: Election Results; LAFCO Representative

The election for LAFCO Representative closed as of 5:00 p.m. on April 17, 2020. Thirty-one (31) valid ballots were cast for LAFCO Representative. The results are as follows:

DONALD L. DEAR received 24 votes

SHARON RAGHAVACHARY received 7 votes

Mr. Dear will serve as LAFCO Representative with his term ending in May 2024.

Thank you for participating in the election.